# INTERIM REPORT OF THE PESTICIDE CHEMISTRY DATABASE 1995

## Appendix

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ENVIRONMENTAL HAZARDS ASSESSMENT PROGRAM

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EH 95-04

# PREFACE

This report is the appendix to the 1995 interim report of the Pesticide Chemistry Database. It contains a complete listing of all records in the database divided into nine physical/chemical categories.

# APPENDIX

## Pesticide Chemistry Database Download


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# I. SOLUBILITY

## Column Heading Key

Solubility - in parts per milliion

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

C = Temperature in degrees centigrade

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

## Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 2.18E+03 | | 25 | 37 | 71512 | 6 | j | 4 | d | | |
| | 2.32E+03 | | 25 | 37 | 71513 | 7 | j | 4 | d | | |
| 2,4-D | 2.00E+04 | | 25 | 114 | 64694 | 11 | f | 4 | | | |
| | 2.32E+04 | | 25 | 114 | 64694 | 12 | f | 4 | | | |
| | 3.42E+04 | | 25 | 114 | 64694 | 13 | f | 4 | | | |
| | 2.99E+04 | | 25 | 114 | 64694 | 16 | 4 | | | | |
| | 4.13E+04 | | 25 | 114 | 64694 | 18 | 4 | | | | |
| | 4.46E+04 | | 25 | 114 | 64694 | 17 | 4 | | | | |
| | 3.11E+02 | | 25 | 114 | 64694 | 15 | 4 | f | | | |
| 2,4-D Dimethylamine Salt | 3.21E+05 | | 25 | 15 | 64667 | 1 | f | 4 | | | |
| | 9.13E+05 | | 25 | 26 | 72160 | 2 | k | | | | |
| | 7.29E+05 | | 25 | 15 | 64667 | 3 | f | 4 | | | |
| | 6.64E+05 | | 25 | 15 | 64667 | 4 | f | 4 | | | |
| 2,4-d, 2-ethylhexyl ester | 8.68E-02 | | 25 | 1 | 64690 | 1 | | | | | |
| 2,4-d, butyl ester | 9.38E+00 | | 25 | 1 | 66082 | 1 | 4 | | | | |
| 4(2,4-db), dimethylamine salt | 7.42E+05 | | 25 | 4 | 71374 | 1 | 4 | | | | |
| DDVP | 1.57E+04 | | 25 | 86 | 63298 | 1 | f | 4 | | | |
| EPTC | 3.46E+02 | | 25 | 80 | 72645 | 8 | 5 | | | | |
| | 3.44E+02 | | 25 | 79 | 71295 | 9 | | | | | |
| MCPA, ACID | 3.95E+02 | | 25 | 21 | 64801 | 1 | 4 | l | | | |
| | 2.94E+05 | | 25 | 21 | 64801 | 3 | 4 | l | | | |
| | 3.20E+05 | | 25 | 21 | 64801 | 4 | 4 | l | | | |
| | 2.62E+04 | | 25 | 21 | 64801 | 2 | 4 | l | | | |
| MCPA, dimethlamine salt | 4.16E+06 | | 25 | 11 | 61290 | 1 | | | | | |
| | 9.49E+05 | g | 25 | 21 | 64802 | 6 | f | 4 | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MCPA, dimethlamine salt | 7.66E+05 | g | 25 | 21 | 64802 | 5 | f | 4 | | | |
| | 4.60E+05 | g | 25 | 21 | 64802 | 4 | f | 4 | | | |
| | 1.01E+06 | | 25 | 23 | 71439 | 3 | | | | | |
| MCPA, na salt | 3.52E+05 | | 25 | 11 | 72074 | 1 | 4 | | | | |
| | 4.83E+05 | h | 25 | 7 | 61326 | 3 | | | | | |
| | 3.98E+05 | b | 25 | 7 | 61326 | 2 | | | | | |
| acephate | 8.18E+05 | | 25 | 203 | 68713 | 17 | 4 | | | | |
| acrolein | 2.38E+05 | | 25 | 22 | 67480 | 2 | 4 | | | | |
| alachlor | 2.00E+02 | | 20 | 130 | 65473 | 8 | | | | | |
| aldicarb | 5.87E+03 | | 25 | 150 | 71508 | 15 | 4 | | | | |
| ametryne | 2.04E+02 | | 22 | 8 | 59945 | 10 | | | | | |
| | 2.04E+02 | | 22 | 10 | 69276 | 14 | 4 | | | | |
| amitraz | 9.30E-02 | | 26 | 56 | 59726 | 4 | | | | | |
| amitrole | 3.70E+05 | | 25 | 46 | 70862 | 1 | 4 | | | | |
| | 1.00E+00 | l | 25 | 46 | 70862 | 3 | | | | | |
| | 1.00E+02 | | 25 | 46 | 70862 | 4 | 4 | | | | |
| | 1.86E+05 | | 25 | 46 | 70862 | 2 | 4 | | | | |
| anilazine | 8.02E+00 | | 20 | 58 | 58375 | 5 | 4 | | | | |
| asulam, sodium salt | 5.51E+05 | | 23 | 33 | 64297 | 7 | 5 | 4 | | | |
| | 2.90E+00 | | 23 | 33 | 64297 | 9 | 5 | 4 | | | |
| | 1.20E+00 | | 23 | 33 | 64297 | 10 | 5 | 4 | | | |
| | 1.53E+05 | | 23 | 33 | 64297 | 8 | 5 | 4 | | | |
| atrazine | 3.25E+01 | | 22 | 96 | 60213 | 15 | d | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| azinphosmethyl | 2.79E+01 | | 20 | 187 | 64714 | 13 | 4 | | | | |
| | 2.80E+01 | | 20 | 180 | 62066 | 14 | d | 4 | | | |
| baythroid | 2.00E-03 | | 20 | 57 | 49819 | 1 | | | | | |
| bendiocarb | 4.22E+02 | | 25 | 67 | 87787 | 6 | d | u | 4 | | |
| | 4.13E+02 | | 25 | 67 | 87787 | 7 | d | 4 | | | |
| benefin | 1.00E-01 | | | 32 | 63698 | 11 | | | | | |
| | 1.00E+06 | g | 25 | 32 | 63698 | 13 | | | | | |
| | 1.00E+06 | g | 25 | 32 | 63698 | 15 | | | | | |
| | 1.70E+04 | b | 25 | 32 | 63698 | 17 | | | | | |
| | 1.70E+05 | b | 25 | 32 | 63698 | 19 | | | | | |
| | 3.30E+05 | b | 25 | 32 | 63698 | 21 | | | | | |
| | 1.80E+04 | b | 25 | 32 | 63698 | 23 | | | | | |
| | 5.00E+05 | h | 25 | 32 | 63698 | 22 | | | | | |
| | 2.00E+04 | h | 25 | 32 | 63698 | 24 | | | | | |
| | 2.00E+05 | h | 25 | 32 | 63698 | 20 | | | | | |
| | 1.80E+04 | h | 25 | 32 | 63698 | 18 | | | | | |
| | 1.00E+06 | g | 25 | 32 | 63698 | 16 | | | | | |
| | 1.00E+06 | g | 25 | 32 | 63698 | 14 | | | | | |
| | 9.96E-02 | | 25 | 32 | 63698 | 12 | 4 | | | | |
| bensulfuron methyl | 2.10E+00 | | 25 | 54 | 131693 | 1 | | | | | |
| | 6.70E+01 | | 25 | 54 | 131693 | 2 | | | | | |
| bensulide | 5.60E+00 | | 25 | 34 | 63297 | 7 | 4 | | | | |
| bentazon | 5.30E+02 | | 25 | 60 | 59629 | 9 | | | | | |
| bifenox | 3.98E-01 | | | 40 | 64292 | 6 | 4 | | | | |
| | 3.92E-03 | | 25 | 40 | 64292 | 7 | d | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| bromacil | 8.07E+02 | | 25 | 26 | 69315 | 15 | f | | | | |
| | 7.00E+02 | | 25 | 26 | 69315 | 16 | | | | | |
| | 1.28E+03 | | 25 | 26 | 69315 | 17 | | | | | |
| bromoxynil -butyrate | 2.68E+01 | | 25 | 11 | 69208 | 1 | 4 | | | | |
| bromoxynil -octanonate | 8.00E-02 | | 25 | 90 | 64425 | 2 | 4 | | | | |
| butylate | 4.80E+01 | | 10 | 37 | 50371 | 4 | 4 | | | | |
| | 4.30E+01 | | 30 | 37 | 50371 | 6 | 4 | | | | |
| | 4.40E+01 | | 20 | 37 | 50371 | 5 | 4 | | | | |
| cacodylic acid | 2.57E+06 | | 25 | 28 | 73794 | 5 | 4 | | | | |
| captafol | 1.40E+00 | | 20 | 105 | 53478 | 1 | 1 | | | | |
| captan | 3.30E+00 | | 25 | 177 | 59438 | 26 | | | | | |
| carbaryl | 1.13E+02 | | 22 | 174 | 59378 | 11 | 5 | 4 | | | |
| | 1.19E+02 | | 22 | 174 | 59378 | 12 | 4 | d | | | |
| | 1.13E+02 | | 25 | 177 | 65153 | 23 | | | | | |
| carbofuran | 3.51E+02 | | 25 | 122 | 60023 | 10 | d | 4 | | | |
| chlorflurenol | 3.93E+01 | | 20 | 37 | 64032 | 9 | 4 | 5 | | | |
| chloropicrin | 2.00E+03 | | 25 | 31 | 62827 | 7 | | | | | |
| chlorothalonil | 1.20E+00 | | 25 | 154 | 66063 | 14 | 4 | | | | |
| | 1.20E+00 | | 25 | 156 | 69067 | 18 | 4 | | | | |
| chlorpyrifos | 1.39E+00 | | 25 | 311 | 64793 | 27 | | | | | |
| chlorsulfuron | 5.87E+02 | | 25 | 46 | 72591 | 5 | f | d | 4 | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| chlorsulfuron | 3.18E+04 | | 25 | 46 | 72591 | 6 | f | d | 4 | | |
| | 5.25E+04 | | 25 | 46 | 72591 | 7 | f | d | 4 | | |
| chlorthal dimethyl | 5.00E-01 | | 25 | 30 | 70219 | 13 | 4 | | | | |
| | 5.78E+03 | | | 40 | 91485 | 14 | 4 | | | | |
| cimectacarb | 2.80E+03 | | 25 | 1 | 97683 | 1 | | | | | |
| | 1.02E+04 | | 25 | 1 | 97683 | 2 | | | | | |
| | 2.11E+04 | | 25 | 1 | 97683 | 3 | | | | | |
| clethodim | 6.10E+01 | a | 25 | 112 | 131269 | 1 | | | | | |
| | 3.84E+03 | a | 25 | 112 | 131269 | 2 | | | | | |
| | 1.60E+04 | a | 25 | 112 | 131269 | 3 | | | | | |
| clofentezine | 2.52E-03 | | 22 | 30 | 86435 | 1 | f | d | | | |
| | 2.00E-03 | l | 22 | 30 | 86435 | 3 | f | d | d | | |
| | 2.00E-03 | l | 22 | 30 | 86435 | 2 | f | d | d | | |
| cyanazine | 1.55E+02 | | 25 | 66 | 69587 | 15 | 4 | | | | |
| cycloate | 9.50E+01 | | 25 | 32 | 64412 | 4 | 4 | | | | |
| cypermethrin | 4.00E-03 | | 20 | 71 | 69618 | 5 | f | | | | |
| | 1.70E-03 | | 20 | 71 | 69618 | 6 | f | | | | |
| | 6.20E-03 | | 20 | 71 | 69618 | 7 | f | | | | |
| cyromazine | 1.36E+04 | a | 22 | 77 | 91555 | 1 | | | | | |
| dazomet | 3.63E+03 | | 20 | 11 | 72285 | 5 | 4 | | | | |
| desmedipham | 9.05E+00 | | 25 | 38 | 53041 | 1 | | | | | |
| | 9.01E+00 | | 25 | 38 | 53041 | 5 | 1 | | | | |
| diazinon | 6.00E+01 | | 22 | 167 | 60214 | 10 | | | | | |

SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| dicamba | 6.07E+03 | | 25 | 65 | 60002 | 9 | d | | | | |
| | 1.85E+04 | | 25 | 65 | 60002 | 12 | d | | | | |
| | 4.75E+04 | | 25 | 65 | 60002 | 13 | d | | | | |
| | 3.59E+04 | | 25 | 65 | 60002 | 14 | d | | | | |
| | 5.15E+04 | | 25 | 65 | 60002 | 15 | d | | | | |
| | 1.39E+04 | | 25 | 65 | 60002 | 11 | d | | | | |
| | 1.70E+04 | | | 65 | 60002 | 10 | d | | | | |
| dicamba,diethanolamine salt | 6.75E+05 | | 25 | 2 | 71430 | 1 | 4 | | | | |
| dichlobenil | 2.10E+01 | | 25 | 36 | 72649 | 14 | 5 | | | | |
| dichloran | 6.00E+00 | | 20 | 32 | 61325 | 2 | 4 | | | | |
| diclofop-methyl | 2.49E+06 | | 20 | 59 | 48787 | 1 | | | | | |
| | 2.28E+06 | | 20 | 59 | 48787 | 3 | | | | | |
| | 1.10E+05 | | 20 | 59 | 48787 | 2 | | | | | |
| | 2.53E+06 | | 20 | 59 | 48787 | 5 | | | | | |
| | 8.00E-01 | | 20 | 63 | 68865 | 7 | f | | | | |
| | 3.00E+00 | | 20 | 59 | 48787 | 6 | | | | | |
| | 6.00E+04 | | 20 | 59 | 48787 | 4 | | | | | |
| dicofol | 8.30E-01 | | 25 | 65 | 64356 | 4 | 4 | | | | |
| dienochlor | 1.00E-02 | l | 25 | 11 | 65387 | 1 | 4 | | | | |
| diethatyl ethyl | 1.20E+02 | | 25 | 48 | 67277 | 11 | | | | | |
| difenzoquat methyl sulfate | 8.17E+05 | | 25 | 50 | 63949 | 8 | | | | | |
| diflubenzuron | 8.00E-02 | | 25 | 109 | 74058 | 4 | | | | | |
| dimethipin | 4.60E+03 | | 30 | 26 | 59480 | 1 | | | | | |

SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| dimethipin | 1.15E+01 | | 30 | 26 | 59480 | 3 | | | | | |
| | 9.70E+04 | | 30 | 26 | 59480 | 2 | | | | | |
| dimethoate | 3.98E+04 | | 25 | 60 | 64843 | 5 | | | | | |
| | 3.98E+04 | | 25 | 60 | 64843 | 6 | | | | | |
| diphenamid | 2.10E+02 | | 20 | 34 | 64452 | 8 | | | | | |
| diquat dibromide | 6.77E+05 | | 20 | 42 | 53941 | 1 | | | | | |
| disulfoton | 1.20E+01 | | 20 | 164 | 59231 | 8 | | | | | |
| dithiopyr | 1.38E+00 | | 20 | 33 | 11551 | 1 | | | | | |
| diuron | 3.64E+01 | | 25 | 38 | 69610 | 11 | 4 | | | | |
| dodemorph | 7.36E+02 | | 25 | 17 | 93417 | 1 | | | | | |
| | 5.20E-02 | | 25 | 12 | 74043 | 3 | | | | | |
| | 2.29E+00 | | 25 | 17 | 93417 | 2 | | | | | |
| endosulfan | 3.30E-01 | | 22 | 56 | 63585 | 8 | 4 | | | | |
| | 3.20E-01 | | 22 | 56 | 63585 | 9 | | | | | |
| endothall, disodium salt | 1.10E+05 | | 25 | 43 | 66093 | 10 | 5 | | | | |
| ethalfluralin | 2.93E+00 | | 25 | 25 | 63692 | 4 | | | | | |
| | 5.00E+05 | g | 25 | 25 | 63692 | 5 | | | | | |
| | 5.00E+05 | g | 25 | 25 | 63692 | 6 | | | | | |
| ethofumesate | 5.00E+01 | | 25 | 67 | 59750 | 12 | 4 | | | | |
| | 5.00E-04 | | 25 | 70 | 68198 | 13 | 4 | | | | |
| ethoprop | 8.43E+02 | | | 75 | 64372 | 8 | | | | | |
| | 8.43E+02 | | 21 | 75 | 64372 | 9 | | | | | |

SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| fenamiphos | 5.58E+02 | | 20 | 110 | 49744 | 7 | 4 | | | | |
| | 5.58E+02 | | 20 | 110 | 49744 | 10 | 4 | | | | |
| | 3.29E+02 | | 20 | 110 | 49743 | 9 | 4 | | | | |
| fenarimol | 1.46E+01 | | 25 | 51 | 66671 | 1 | d | | | | |
| | 1.37E+01 | | 25 | 51 | 66671 | 2 | d | | | | |
| | 1.38E+01 | | 25 | 51 | 66671 | 3 | d | | | | |
| fenbutatin oxide | 1.27E-02 | | 20 | 32 | 68566 | 7 | 4 | | | | |
| | 1.56E-02 | | 30 | 32 | 68566 | 8 | 4 | | | | |
| fenoxaprop-ethyl | 8.00E-01 | a | 20 | 62 | 120760 | 1 | | | | | |
| fenoxycarb | 5.66E+00 | | 25 | 19 | 72967 | 1 | 4 | | | | |
| fenpropathrin | 3.63E-02 | a | 25 | 92 | 120305 | 1 | d | | | | |
| fenthion | 4.20E+00 | | 20 | 78 | 59728 | 1 | | | | | |
| fenvalerate | 1.31E-03 | | 25 | 141 | 69585 | 1 | 4 | | | | |
| fluazifop-butyl | 1.10E+00 | | 20 | 91 | 71134 | 5 | 4 | | | | |
| flucythrinate | 6.00E-02 | a | 24 | 29 | 53634 | 1 | | | | | |
| fluometuron | 1.11E+02 | | 22 | 26 | 69250 | 9 | 4 | | | | |
| | 1.11E+02 | | 22 | 26 | 69249 | 13 | 4 | | | | |
| flurprimidol | 1.27E+02 | | 25 | 16 | 74361 | 1 | | | | | |
| fluvalinate | 1.22E-02 | | 25 | 87 | 65389 | 3 | 4 | | | | |
| folpet | 1.30E+00 | | 25 | 76 | 54037 | 1 | | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| folpet | 8.00E-01 | | 25 | 86 | 97940 | 11 | o | | | | |
| fonofos | 1.69E+01 | | 25 | 30 | 64406 | 13 | 4 | | | | |
| formetanate HCl | 8.22E+05 | | 25 | 24 | 59653 | 4 | 4 | | | | |
| fosethyl -Al | 1.36E+05 | | 25 | 63 | 91274 | 10 | 5 | k | | | |
| glyphosate | 3.00E-02 | | | 19 | 58502 | 1 | 4 | | | | |
| | 1.16E+04 | | 25 | 154 | 47911 | 6 | 4 | | | | |
| harmony | 2.34E+02 | | 25 | 15 | 74595 | 1 | 4 | | | | |
| | 6.27E+03 | | 25 | 15 | 74595 | 2 | 4 | | | | |
| | 8.81E+03 | | 25 | 15 | 74595 | 3 | 4 | | | | |
| hexazinone | 2.98E+04 | | 25 | 48 | 69611 | 7 | 4 | | | | |
| imazethapyr | 3.40E+00 | a | 25 | 32 | 117563 | 1 | | | | 5 | f |
| | 2.77E+01 | a | 25 | 32 | 117563 | 2 | | | | 5 | f |
| | 6.60E+02 | g | 25 | 32 | 117563 | 4 | | | | 5 | f |
| | 7.11E+02 | | 25 | 32 | 117563 | 3 | | | | 5 | f |
| imidacloprid | 5.14E+02 | | 20 | 1 | 119413 | 1 | | | | | |
| iprodione | 1.22E+01 | | 20 | 63 | 74910 | 1 | | | | | |
| isazophos | 1.68E+02 | | 20 | 63 | 75200 | 1 | | | | | |
| isoxaben | 1.50E+00 | | 25 | 21 | 90236 | 1 | | | | | |
| lambdacyhalothrin | 5.00E-03 | | 20 | 15 | 71471 | 1 | | | | | |
| lindane | 8.52E+01 | | 25 | 57 | 85767 | 18 | 4 | | | | |
| | 8.35E+00 | | 25 | 57 | 85767 | 19 | 4 | | | | |

SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| linuron | 7.72E+01 | | 25 | 61 | 69579 | 13 | 4 | | | | |
| malathion | 1.25E+02 | | 25 | 102 | 64848 | 9 | d | | | | |
| mancozeb | 6.20E+00 | | 25 | 48 | 63582 | 1 | 4 | | | | |
| | 2.00E+01 | | 25 | 48 | 63582 | 2 | 4 | d | | | |
| maneb | 4.17E+02 | | 24 | 40 | 66090 | 1 | 4 | | | | |
| mcpp, dimethylamine salt | 1.06E+06 | | 25 | 5 | 70183 | 1 | 4 | | | | |
| mecoprop | 7.34E+02 | | 25 | 5 | 70180 | 1 | 4 | | | | |
| | 7.34E+02 | | 25 | 6 | 72600 | 2 | | 4 | | | |
| mepiquat chloride | 5.00E+05 | g | 20 | 20 | 59429 | 1 | 4 | | | | |
| metalaxyl | 8.40E+03 | | 22 | 192 | 60203 | 1 | 4 | | | | |
| | 8.41E+03 | | 22 | 192 | 60203 | 2 | 4 | | | | |
| metaldehyde | 1.96E+02 | | 20 | 50 | 90287 | 1 | f | 4 | | | |
| | 1.88E+02 | | 20 | 50 | 90287 | 2 | f | 4 | | | |
| | 1.86E+02 | | 20 | 50 | 90287 | 3 | f | 4 | | | |
| metam sodium | 9.63E+04 | | 25 | 20 | 70889 | 2 | 4 | | | | |
| methamidophos | 1.20E+06 | g | 20 | 100 | 72844 | 2 | d | | | | |
| methidathion | 2.21E+02 | | 22 | 102 | 59675 | 1 | 4 | | | | |
| methiocarb | 2.70E+01 | | 20 | 115 | 49831 | 2 | | | | | |
| methomyl | 5.47E+04 | | 25 | 183 | 69313 | 10 | 4 | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| methyl bromide | 1.32E+03 | | 25 | 98 | 63328 | 6 | | | | | |
| | 1.38E+03 | | 25 | 98 | 63328 | 7 | | | | | |
| methyl isothiocyanate | 8.23E+03 | | 20 | 9 | 52752 | 1 | 4 | | | | |
| | 8.61E+03 | | 25 | 9 | 52752 | 2 | 4 | | | | |
| methyl parathion | 7.03E+01 | | 25 | 69 | 87612 | 7 | 4 | | | | |
| metolachlor | 4.88E+02 | | 25 | 214 | 74144 | 9 | 4 | 5 | | | |
| | 4.97E+02 | | 25 | 214 | 74144 | 10 | 4 | | | | |
| metribuzin | 1.01E+03 | | 20 | 176 | 59835 | 11 | | | | | |
| | 1.33E+05 | | 20 | 176 | 59835 | 13 | | | | | |
| | 1.05E+03 | | 20 | 177 | 58598 | 14 | 4 | | | | |
| | 1.12E+05 | | 20 | 176 | 59835 | 17 | d | 4 | | | |
| | 4.61E+05 | | 20 | 176 | 59835 | 16 | | | | | |
| | 1.60E+03 | | 20 | 176 | 59835 | 12 | | | | | |
| mevinphos | 2.00E+03 | g | 20 | 11 | 50001 | 1 | | | | | |
| molinate | 9.70E+02 | | 25 | 48 | 51559 | 5 | 4 | | | | |
| monosodium methanearsonate | 1.04E+06 | | 25 | 40 | 90550 | 1 | 4 | k | d | | |
| naled | 2.00E+03 | | 22 | 89 | 54075 | 2 | | | | | |
| | 8.30E+04 | | 20 | 89 | 54076 | 3 | 5 | | | | |
| napropamide | 7.40E+01 | | 25 | 68 | 62734 | 10 | | | | | |
| naptalam,sodium salt | 2.49E+05 | | 25 | 26 | 73847 | 4 | 4 | | | | |
| nicosulfuron | 4.24E+02 | | 25 | 7 | 115557 | 1 | d | | | | |
| | 4.14E+04 | | 25 | 1 | 115293 | 6 | | | | | |
| | 7.43E+03 | | 25 | 7 | 115557 | 2 | d | | | | |

SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| nicosulfuron | 4.80E+04 | | 25 | 7 | 115557 | 3 | d | | | | |
| | 3.59E+02 | a | 25 | 1 | 115293 | 4 | | | | | |
| | 1.33E+04 | a | 25 | 1 | 115293 | 5 | | | | | |
| nitrapyrin | 7.21E+01 | | 25 | 20 | 56069 | 1 | d | 4 | | | |
| norflurazon | 3.37E+01 | | 25 | 57 | 67606 | 2 | 4 | | | | |
| oryzalin | 2.60E+00 | | 25 | 65 | 63529 | 6 | | | | | |
| | 2.50E+05 | G | 23 | 65 | 63529 | 14 | | | | | |
| | 3.60E+00 | | 25 | 65 | 63529 | 17 | | | | | |
| | 1.67E+03 | | 25 | 65 | 63529 | 16 | | | | | |
| | 3.74E+03 | | 25 | 65 | 63529 | 15 | | | | | |
| | 5.00E+05 | G | 23 | 65 | 63529 | 13 | | | | | |
| | 1.40E+04 | | 25 | 65 | 63529 | 12 | | | | | |
| | 5.00E+05 | G | 25 | 65 | 63529 | 7 | | | | | |
| | 2.50E+05 | G | 23 | 65 | 63529 | 8 | | | | | |
| | 5.00E+04 | | 25 | 65 | 63529 | 9 | | | | | |
| | 3.00E+04 | | 25 | 65 | 63529 | 11 | | | | | |
| | 1.65E+05 | | 25 | 65 | 63529 | 10 | | | | | |
| oxadiazon | 1.00E+00 | | 25 | 53 | 72718 | 6 | 4 | | | | |
| oxamyl | 2.82E+05 | | 25 | 80 | 67726 | 9 | | | | | |
| oxycarboxin | 1.40E+03 | | 25 | 11 | 59361 | 1 | 4 | | | | |
| | 8.37E+04 | | 25 | 11 | 59361 | 2 | 4 | | | | |
| | 8.85E-06 | | 25 | 11 | 59361 | 3 | 4 | | | | |
| oxydemeton methyl | 1.00E+05 | B | 20 | 113 | 49634 | 1 | | | | | |
| | 1.00E+05 | B | 20 | 113 | 49634 | 5 | | | | | |
| | 1.00E+06 | H | 20 | 113 | 49634 | 4 | | | | | |
| | | | | 113 | 49634 | 7 | | | | | |
| | 1.00E+06 | H | 20 | 113 | 49634 | 6 | | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| oxydemeton methyl | 1.00E+06 | H | 20 | 113 | 49634 | 2 | | | | | |
| | 1.00E+05 | B | 20 | 113 | 49634 | 3 | | | | | |
| oxyfluorfen | 1.16E-01 | | 25 | 94 | 64413 | 5 | 4 | | | | |
| oxythioquinox | 1.00E+00 | | 20 | 50 | 59248 | 1 | 4 | | | | |
| paraquat dichloride | 6.26E+05 | | 20 | 95 | 52820 | 1 | | | | | |
| parathion | 1.25E+01 | | 25 | 49 | 85177 | 9 | 4 | d | | | |
| pebulate | 1.00E+02 | | 25 | 16 | 61727 | 4 | | | | | |
| pendimethalin | 2.75E-01 | | 25 | 75 | 53623 | 4 | | | | | |
| | 1.61E+06 | | 25 | 77 | 61315 | 7 | | | | | |
| | 6.10E+04 | | 25 | 77 | 61315 | 5 | | | | | |
| | 1.12E+05 | | 25 | 77 | 61315 | 6 | | | | | |
| pentachloronitrobenzene | 1.00E+00 | | 25 | 53 | 71520 | 3 | | | | | |
| | 3.90E-01 | | 25 | 65 | 86204 | 4 | | | | | |
| permethrin | 7.00E-02 | | 25 | 344 | 58950 | 1 | 4 | | | | |
| phenmedipham | 6.00E+00 | | 20 | 34 | 67589 | 1 | e | | | | |
| phorate | 2.90E+01 | | 25 | 43 | 61922 | 7 | | | | | |
| phosalone | 3.05E+00 | | 25 | 35 | 71432 | 1 | 4 | | | | |
| phosmet | 2.00E+01 | | 25 | 71 | 59588 | 7 | | | | | |
| | 2.00E+01 | | 25 | 71 | 59588 | 11 | 4 | | | | |
| phosphamidon | | | 22 | 13 | 60199 | 1 | | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| piperalin | 5.00E+04 | l | 25 | 4 | 64120 | 1 | | | | | |
| | 3.00E+04 | l | | 4 | 64120 | 4 | | | | | |
| | 5.00E+04 | l | | 4 | 64120 | 6 | | | | | |
| | 1.00E+05 | h | | 4 | 64120 | 7 | | | | | |
| | 5.00E+04 | h | | 4 | 64120 | 5 | | | | | |
| | 2.00E+01 | a | 25 | 4 | 64120 | 3 | | | | | |
| | 1.00E+05 | h | 25 | 4 | 64120 | 2 | | | | | |
| piperonyl butoxide | 1.43E+01 | | 25 | 29 | 75808 | 1 | 4 | | | | |
| pirate | 1.20E-01 | a | 25 | 3 | 125099 | 1 | | | | | |
| | 1.30E-01 | a | 25 | 3 | 125099 | 2 | | | | | |
| | 1.40E-01 | a | 25 | 3 | 125099 | 3 | | | | | |
| profenofos | 2.84E+01 | | 22 | 70 | 69254 | 1 | 4 | | | | |
| prometon | 7.20E+03 | | 22 | 32 | 60219 | 4 | 4 | | | | |
| | 7.15E+02 | | 22 | 47 | 69137 | 8 | | | | | |
| prometryn | 3.29E+01 | | 22 | 39 | 60195 | 10 | 4 | | | | |
| propamocarb | 1.01E+06 | | 20 | 21 | 70915 | 1 | 4 | | | | |
| propanil | 1.52E+02 | | 24 | 2 | 71444 | 5 | 4 | | | | |
| propargite | 1.93E+00 | | | 59 | 59463 | 1 | | | | | |
| propiconazole | 1.00E+02 | | 20 | 86 | 70322 | 1 | 4 | | | | |
| propoxur | 1.75E+03 | | 20 | 148 | 59042 | 6 | | | | | |
| propyzamide | 1.29E+01 | | 25 | 42 | 64458 | 3 | 4 | | | | |
| pyrazon | 3.80E+02 | | 25 | 21 | 59330 | 7 | 4 | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pyrithiobac sodium | 7.28E+05 | | 20 | 2 | 125332 | 1 | | | | | |
| resmethrin | 3.79E-02 | | 25 | 179 | 85215 | 1 | 4 | m | d | | |
| riclpyr | 6.59E+00 | | 22 | 2 | 59229 | 1 | 4 | | | | |
| | 6.77E+00 | | 11 | 2 | 59229 | 3 | 4 | | | | |
| | 7.02E+00 | | 28 | 2 | 59229 | 2 | 4 | | | | |
| sethoxydim | 2.57E+02 | | 25 | 56 | 63309 | 1 | | | | | |
| | 2.57E+02 | | 25 | 56 | 63709 | 4 | f | 4 | | | |
| | 4.39E+03 | | 25 | 56 | 63709 | 5 | f | 4 | | | |
| | 1.62E+04 | | 25 | 56 | 63709 | 6 | f | 4 | | | |
| | 1.62E+04 | | 25 | 56 | 63309 | 3 | | | | | |
| | 4.39E+03 | | 25 | 56 | 63309 | 2 | | | | | |
| simazine | 6.15E+00 | | 22 | 60 | 58692 | 7 | | | | | |
| sulfometuron methyl | 6.42E+00 | | 25 | 20 | 69514 | 3 | 4 | f | | | |
| | 2.44E+02 | | 25 | 20 | 69514 | 4 | 4 | f | | | |
| | 1.25E+04 | | 25 | 20 | 69514 | 5 | d | f | | | |
| sulfosate | 3.31E+06 | | 25 | 35 | 89525 | 1 | 5 | 4 | | | |
| sulprofos | 3.10E-01 | | 20 | 58 | 58367 | 3 | | | | | |
| | 3.50E-01 | A | 20 | 56 | 49768 | 4 | | | | | |
| | 3.10E-02 | | 20 | 58 | 58367 | 5 | 4 | | | | |
| tebuthiuron | 2.60E+03 | | 25 | 37 | 65528 | 20 | h | | | | |
| | 5.80E-01 | | 25 | 37 | 65528 | 28 | | | | | |
| | 5.00E+04 | l | 25 | 37 | 65528 | 27 | | | | | |
| | 5.00E+04 | l | | 37 | 65528 | 32 | | | | | |
| | 2.00E+04 | g | | 37 | 65528 | 31 | | | | | |
| | 5.00E+04 | l | 25 | 37 | 65528 | 30 | | | | | |

## SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| tebuthiuron | 2.00E+04 | g | 25 | 37 | 65528 | 29 | | | | | |
| | 1.00E+05 | l | 25 | 37 | 65528 | 22 | | | | | |
| | 1.00E+05 | g | 25 | 37 | 65528 | 24 | | | | | |
| | 1.00E+05 | g | 25 | 37 | 65528 | 25 | | | | | |
| | 2.00E+04 | g | 25 | 37 | 65528 | 26 | | | | | |
| | 1.00E+05 | g | 25 | 37 | 65528 | 23 | | | | | |
| | 5.00E+04 | g | 25 | 37 | 65528 | 21 | | | | | |
| terbutryn | 2.20E+01 | | 22 | 26 | 60115 | 1 | 4 | | | | |
| terrazole | 1.03E+02 | | 5 | 66 | 48251 | 3 | 4 | | | | |
| | 1.23E+02 | | 37 | 66 | 48251 | 5 | 4 | | | | |
| | 1.05E+02 | | 15 | 66 | 48251 | 6 | 4 | | | | |
| | 1.05E+02 | | 15 | 66 | 48251 | 4 | 4 | | | | |
| | 1.06E+02 | | 25 | 66 | 48251 | 7 | 4 | | | | |
| | 1.15E+02 | | 35 | 66 | 48251 | 8 | 4 | | | | |
| thiobencarb | 2.75E+01 | | 20 | 115 | 52886 | 3 | 4 | | | | |
| thiodicarb | 2.35E+01 | | 25 | 56 | 69958 | 1 | 4 | | | | |
| thiophanate-methyl | 2.46E+01 | | 25 | 47 | 69936 | 1 | 4 | | | | |
| thiram | 1.65E+01 | | 20 | 38 | 72755 | 1 | 5 | 4 | | | |
| | 1.74E-01 | | 25 | 37 | 73005 | 2 | 4 | | | | |
| tralomethrin | 8.00E-02 | | 25 | 42 | 98931 | 1 | | | | | |
| triadimefon | 6.40E+01 | | 20 | 130 | 64853 | 1 | 4 | | | | |
| triallate | 2.96E+00 | | 20 | 38 | 66882 | 6 | 4 | | | | |
| tributyl phosphorotrithioate | 2.30E+00 | | 20 | 28 | 55910 | 6 | | | | | |
| | 2.30E+00 | | 30 | 28 | 55910 | 7 | | | | | |

SOLUBILITY

| Active Ingredient | Solubility (ppm) | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| trichlorophon | 1.20E+05 | | 20 | 133 | 65810 | 1 | 4 | | | | |
| | 1.20E+05 | | 20 | 133 | 65810 | 2 | 4 | | | | |
| triclopyr, butoxyethyl ester | 6.59E+00 | | 22 | 2 | 59229 | 1 | 4 | | | | |
| | 7.02E+00 | | 28 | 2 | 59229 | 2 | 4 | | | | |
| | 6.77E+00 | | 11 | 2 | 59229 | 3 | 4 | | | | |
| triclopyr, triethylamine salt | 1.48E+02 | | 20 | 64 | 74225 | 1 | 4 | | | | |
| | 2.78E+05 | | 25 | 65 | 75433 | 4 | f | | | | |
| | 2.78E+05 | | 25 | 65 | 75433 | 4 | f | | | | |
| | 4.12E+05 | | 25 | 65 | 75433 | 3 | f | | | | |
| | 1.18E+04 | | 25 | 65 | 75433 | 2 | d | | | | |
| | 1.18E+04 | | 25 | 65 | 75433 | 2 | d | | | | |
| | 4.12E+05 | | 25 | 65 | 75433 | 3 | f | | | | |
| | 1.48E+02 | | 20 | 64 | 74225 | 1 | 4 | | | | |
| triflumizole | 1.81E+01 | | 25 | 45 | 132640 | 1 | | | | | |
| trifluralin | 3.00E-01 | | | 107 | 63534 | 10 | | | | | |
| | 3.00E-01 | | 25 | 107 | 63534 | 15 | 4 | | | | |
| | 1.00E+06 | G | | 107 | 63534 | 16 | | | | | |
| triforine | 1.13E+01 | | 20 | 78 | 85170 | 1 | f | 4 | | | |
| | 9.00E+00 | | 20 | 78 | 85170 | 2 | f | 4 | | | |
| | 8.70E+00 | | 20 | 78 | 85170 | 3 | f | 4 | | | |
| uniconazole-p | 8.41E+00 | a | 25 | 1 | 119158 | 1 | d | | | | |
| vernolate | 1.08E+02 | | 25 | 18 | 50686 | 4 | 4 | | | | |
| vinclozolin | 3.41E+00 | | 20 | 48 | 66140 | 1 | 4 | | | | |

386 rows selected.

## II. VAPOR PRESSURE

### Column Heading Key

Vapor Pres
mmHg = Vapor pressure in mmHg

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

C = Temperature in degrees centigrade

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

### Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 2.64E+01 | | 20 | 34 | 64081 | 7 | | | | | |
| | 3.43E+01 | | 25 | 34 | 64081 | 8 | | | | | |
| | 2.30E+01 | | 25 | 34 | 64685 | 10 | | | | | |
| | 2.38E+01 | | 25 | 34 | 63685 | 11 | | | | | |
| | 3.50E+01 | | 25 | 34 | 64081 | 12 | | | | | |
| | 1.74E+01 | | 20 | 34 | 64685 | 9 | | | | | |
| 2,4-D | 1.40E-07 | | 25 | 114 | 64695 | 5 | 1 | | | | |
| 2,4-D Dimethylamine Salt | 1.32E-10 | l | 25 | 25 | 71316 | 1 | | | | | |
| 2,4-d, 2-ethylhexyl ester | 3.60E-06 | | 25 | 1 | 64693 | 1 | | | | | |
| 2,4-d, butyl ester | 6.80E-05 | | 25 | 1 | 66083 | 1 | | 4 | | | |
| 4(2,4-db), dimethylamine salt | 1.00E-07 | l | 25 | 2 | 64380 | 1 | | d | | | |
| DDVP | 1.65E-02 | | 25 | 108 | 95646 | 1 | 4 | | | | |
| EPTC | 2.89E-02 | | 25 | 80 | 72646 | 7 | | 5 | | | |
| | 2.40E-02 | | 25 | 79 | 71295 | 8 | | | | | |
| MCPA, ACID | 3.00E-06 | b | 39 | 21 | 64799 | 1 | | | | | |
| | 3.00E-05 | h | 39 | 21 | 64799 | 2 | | | | | |
| | 8.20E-07 | | 25 | 21 | 64799 | 3 | | 1 | | | |
| MCPA, ISOCTYL ESTER | 2.46E-06 | B | 32 | 21 | 64799 | 1 | | | | | |
| | 1.07E-04 | h | 32 | 21 | 64799 | 2 | | | | | |
| MCPA, dimethlamine salt | 1.00E-07 | l | 25 | 12 | 64442 | 1 | | | | | |
| | 1.00E-07 | L | 25 | 17 | 67019 | 2 | | | | | |
| MCPA, na salt | 1.00E-07 | l | 24 | 9 | 64365 | 1 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| acephate | 2.66E-07 | | 25 | 185 | 66164 | 4 | | 4 | | | |
| acrolein | 2.40E+02 | | 25 | 22 | 67481 | 4 | | | | | |
| alachlor | 1.40E-05 | | | 126 | 63228 | 7 | | | | | |
| aldicarb | 2.90E-05 | | 25 | 122 | 59372 | 6 | | | | | |
| | 2.90E-05 | | 25 | 122 | 59372 | 7 | | | | | |
| ametryne | 2.74E-06 | | 25 | 10 | 69277 | 9 | d | | | | |
| amitraz | 2.55E-06 | | 25 | 56 | 59724 | 2 | 1 | | | | |
| amitrole | 4.40E-07 | | 25 | 46 | 70864 | 1 | 4 | | | | |
| anilazine | 3.75E-05 | | 71 | 58 | 58376 | 4 | | | | | |
| atrazine | 3.00E-07 | | 20 | 81 | 47763 | 9 | | | | | |
| | 1.68E-07 | | 22 | 115 | 71269 | 10 | 1 | d | | | |
| azinphosmethyl | 1.60E-06 | | 20 | 177 | 53953 | 4 | | 4 | | | |
| baythroid | 4.90E-08 | | 25 | 62 | 59903 | 9 | | d | | | |
| | 1.58E-08 | | 25 | 62 | 59904 | 10 | | 1 | d | | |
| bendiocarb | 3.50E-05 | | 25 | 57 | 69179 | 3 | | 4 | d | | |
| benefin | 6.57E-05 | | 25 | 33 | 66678 | 8 | | d | e | | |
| benomyl | 3.73E-08 | 1 | 25 | 106 | 69311 | 5 | | 4 | | | |
| bensulfuron methyl | 1.00E-07 | 1 | 25 | 31 | 72801 | 1 | 1 | | | | |
| bensulide | 8.00E-07 | | 25 | 34 | 63297 | 3 | | e | d | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| bifenox | 1.00E-07 | L | 25 | 44 | 69433 | 3 | | | | | |
| bifenthrin | 1.81E-07 | | 25 | 7 | 36586 | 1 | | 1 | | | |
| | 1.44E-07 | | 25 | 92 | 90626 | 2 | | 1 | 4 | | |
| bromacil | 3.10E-07 | | 25 | 23 | 65586 | 8 | | | | | |
| bromoxynil -butyrate | 1.38E-04 | | 25 | 11 | 69209 | 1 | | 4 | | | |
| bromoxynil -octanonate | 1.39E-06 | | 25 | 97 | 71726 | 1 | | | | | |
| butylate | 6.67E-03 | | 20 | 53 | 70890 | 3 | | 4 | | | |
| | 1.37E-02 | | 25 | 53 | 70890 | 4 | | 4 | | | |
| | 2.34E-02 | | 30 | 53 | 70890 | 5 | | 4 | | | |
| captan | 7.78E-08 | | 25 | 184 | 63854 | 5 | | e | 1 | d | |
| carbaryl | 1.17E-06 | | 25 | 187 | 71133 | 6 | | 4 | | | |
| carboxin | 2.70E-07 | | 25 | 19 | 48371 | 1 | 1 | | | | |
| | 2.82E-07 | | 25 | 19 | 48371 | 2 | | 1 | 4 | | |
| chloropicrin | 4.01E+01 | | 35 | 7 | 57628 | 6 | | | | | |
| | 3.11E+01 | | 30 | 7 | 57628 | 7 | | | | | |
| | 1.38E+01 | | 15 | 7 | 57628 | 10 | | | | | |
| | 1.83E+01 | | 20 | 7 | 57628 | 9 | | | | | |
| | 2.32E+01 | | 25 | 31 | 62904 | 12 | | 4 | | | |
| | 2.38E+01 | | 25 | 7 | 57628 | 8 | | | | | |
| chlorothalonil | 2.00E-06 | | 25 | 151 | 63400 | 5 | 4 | | | | |
| chlorpropham | 5.80E-05 | | 23 | 30 | 58877 | 3 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| chlorpyrifos | 2.96E-06 | | 16 | 311 | 64794 | 7 | | | | | |
| | 4.69E-05 | | 30 | 311 | 64794 | 12 | | e | | | |
| | 2.67E-05 | | 28 | 311 | 64794 | 11 | | e | | | |
| | 2.21E-05 | | 26 | 311 | 64794 | 10 | | e | | | |
| | 4.69E-05 | | 30 | 311 | 64794 | 9 | | | | | |
| | 1.36E-05 | | 23 | 311 | 64794 | 8 | | | | | |
| chlorsulfuron | 2.27E-11 | | 25 | 32 | 58716 | 3 | 1 | | | | |
| chlorthal dimethyl | 1.82E-03 | | 80 | 16 | 53181 | 6 | | | | | |
| | 4.00E-05 | | 45 | 16 | 52850 | 9 | 1 | | | | |
| | 1.28E-02 | | 100 | 16 | 53181 | 10 | | | | | |
| | 1.09E-02 | | 100 | 16 | 53181 | 11 | | | | | |
| | 1.00E-05 | | 35 | 16 | 52850 | 8 | 1 | | | | |
| | 2.50E-06 | | 25 | 16 | 52850 | 7 | 1 | | | | |
| cimectacarb | 2.23E-05 | | 25 | 1 | 97684 | 1 | | | | | |
| clethodim | 1.00E-07 | 1 | 25 | 7 | 116034 | 1 | | | | | |
| clofentezine | 9.75E-10 | | 25 | 30 | 86447 | 1 | 1 | | | | |
| cyanazine | 3.20E-08 | 1 | 25 | 57 | 72530 | 7 | | 4 | | | |
| cycloate | 1.60E-03 | | 25 | 32 | 64412 | 4 | | 4 | | | |
| cyhexatin | 1.40E-12 | | 25 | 30 | 52362 | 1 | 1 | | | | |
| cypermethrin | 1.30E-09 | | 20 | 60 | 58933 | 2 | | | | | |
| daminozide | 1.70E-04 | | 23 | 22 | 59027 | 14 | 4 | | | | |
| dazomet | 5.72E-09 | | 20 | 11 | 72839 | 2 | | | | | |
| | 1.30E-08 | | 25 | 11 | 72839 | 3 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| desmedipham | 3.00E-09 | | 25 | 38 | 53042 | 1 | 1 | | | | |
| diazinon | 7.00E-05 | | 20 | 11 | 60315 | 6 | 1 | | | | |
| | 1.60E-01 | | 100 | 11 | 60315 | 8 | 1 | | | | |
| | 2.40E-04 | | 30 | 11 | 60315 | 7 | 1 | | | | |
| | 7.90E+02 | h | 200 | 11 | 60315 | 11 | | 1 | | | |
| | 8.98E-05 | | 25 | 175 | 68379 | 14 | | | | | |
| | 7.90E-03 | h | 100 | 11 | 60315 | 9 | | 1 | | | |
| | 6.40E+01 | | 200 | 11 | 60315 | 10 | 1 | | | | |
| | 7.30E-05 | H | 20 | 11 | 60315 | 13 | 1 | | | | |
| | 1.30E-04 | | 25 | 11 | 60315 | 12 | 1 | | | | |
| dicamba | 9.24E-06 | | 25 | 68 | 67604 | 14 | | 1 | | | |
| dichlobenil | 6.60E-04 | | 20 | 34 | 68127 | 8 | | | | | |
| | 1.01E-03 | | 25 | 34 | 68127 | 9 | | h | | | |
| | 6.23E-04 | | 20 | 34 | 68127 | 10 | | m | | | |
| dichloran | 1.96E-06 | | 25 | 31 | 59799 | 2 | | | | | |
| | 1.97E-06 | | 25 | 31 | 59799 | 3 | | 1 | | | |
| diclofop-methyl | 2.58E-07 | | 20 | 59 | 48788 | 1 | | | | | |
| | 1.13E-06 | | 30 | 59 | 48788 | 2 | | | | | |
| | 2.84E-05 | | 54 | 59 | 48788 | 3 | | | | | |
| | 3.50E-06 | | 25 | 63 | 68864 | 4 | e | | | | |
| dicofol | 3.90E-07 | | 25 | 46 | 52031 | 1 | | | | | |
| | 4.00E-07 | | 25 | 65 | 64357 | 3 | | | | | |
| | 2.30E-06 | | 40 | 46 | 52031 | 2 | | | | | |
| dienochlor | 2.16E-06 | | 25 | 22 | 75770 | 1 | | d | 1 | | |
| diethatyl ethyl | 1.95E-05 | | 25 | 43 | 59801 | 2 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| diethatyl ethyl | 2.42E-05 | | 32 | 43 | 59801 | 4 | | | | | |
| | 1.69E-05 | | 20 | 43 | 59801 | 3 | | | | | |
| difenzoquat methyl sulfate | 1.00E-07 | l | 25 | 48 | 56563 | 1 | | | | | |
| | 9.00E-08 | l | 35 | 48 | 56563 | 2 | | 4 | | | |
| diflubenzuron | 9.30E-10 | L | 25 | 109 | 74057 | 2 | | 6 | | | |
| dimethipin | 3.80E-07 | | 24 | 26 | 59481 | 2 | | | | | |
| dimethoate | 1.85E-06 | | 25 | 60 | 64845 | 5 | | | | | |
| dinocap | 3.00E-07 | a | 25 | 34 | 54232 | 4 | 1 | | | | |
| diphenamid | 1.15E-06 | | 25 | 35 | 64930 | 2 | | d | | | |
| diquat dibromide | 1.60E-09 | b | 25 | 52 | 59198 | 2 | 1 | | | | |
| | 2.38E+01 | | 25 | 42 | 53942 | 5 | | d | | | |
| | 4.00E-09 | h | 25 | 52 | 59198 | 3 | 1 | | | | |
| | 6.00E-08 | l | 25 | 52 | 59198 | 4 | 1 | | | | |
| disulfoton | 6.00E-05 | | 21 | 164 | 59232 | 12 | | | | | |
| | 5.40E-05 | | 20 | 164 | 59232 | 14 | | | | | |
| | 9.80E-05 | | 25 | 164 | 59232 | 15 | | | | | |
| | 2.25E-03 | | 33 | 164 | 59232 | 13 | | | | | |
| dithiopyr | 4.04E-06 | | 25 | 33 | 11553 | 1 | | | | | 4 |
| | 1.46E-04 | | 45 | 39 | 22605 | 4 | | | | | |
| | 2.00E-06 | | 20 | 39 | 122605 | 2 | | | | | |
| | 5.84E-06 | | 25 | 39 | 22605 | 3 | | | | | |
| diuron | 6.90E-08 | | 25 | 24 | 48350 | 6 | 1 | | | | |
| dodemorph | 9.12E-05 | | 25 | 12 | 74044 | 1 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| dodemorph | 5.80E-03 | | 65 | 12 | 74044 | 4 | | 4 | | | |
| | 1.29E-03 | | 50 | 12 | 74044 | 3 | | 4 | | | |
| | 1.36E-04 | | 29 | 12 | 74044 | 2 | | 4 | | | |
| endosulfan | 1.50E-05 | | 25 | 56 | 63587 | 5 | j | d | | | |
| | 1.30E-05 | | 25 | 56 | 63587 | 7 | d | | | | |
| | 6.90E-07 | | 25 | 56 | 63587 | 6 | j | d | | | |
| endothall, disodium salt | 3.92E-05 | | 24 | 43 | 66094 | 1 | | 5 | | | |
| ethalfluralin | 8.80E-05 | | 25 | 26 | 66672 | 7 | d | | | | |
| ethofumesate | 6.50E+06 | | | 67 | 67272 | 5 | 1 | | | | |
| | 4.90E-06 | | 25 | 70 | 67271 | 6 | | 1 | | | |
| ethoprop | 3.80E-04 | | 24 | 75 | 64372 | 8 | | | | | |
| fenamiphos | 4.70E-05 | | 20 | 117 | 60207 | 3 | 4 | | | | |
| | 1.70E-06 | | 25 | 110 | 49746 | 6 | 1 | | | | |
| | 7.50E-03 | | 57 | 110 | 49746 | 4 | | | | | |
| | 4.70E-05 | | 20 | 117 | 60207 | 7 | | | | | |
| | 9.00E-07 | | 20 | 110 | 49746 | 5 | 1 | | | | |
| fenarimol | 2.19E-07 | | 25 | 45 | 63790 | 1 | | d | 4 | | |
| fenbutatin oxide | 1.80E-11 | | 25 | 38 | 62392 | 2 | | d | | | |
| fenoxaprop-ethyl | 3.20E-08 | a | 25 | 62 | 120761 | 1 | 1 | | | | |
| fenpropathrin | 2.15E-06 | a | 25 | 92 | 120306 | 1 | | | | | |
| | 1.41E-04 | a | 45 | 92 | 120306 | 4 | | | | | |
| | 4.35E-05 | a | 40 | 92 | 120306 | 3 | | | | | |
| | 3.32E-05 | a | 35 | 92 | 120306 | 2 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| fensulfothion | 1.97E-06 | | 20 | 89 | 59680 | 3 | | 4 | | | |
| fenvalerate | 1.50E-09 | | 25 | 145 | 72528 | 1 | | | | | |
| fluazifop-butyl | 3.29E-10 | | 20 | 91 | 71134 | 2 | | 4 | 1 | | |
| flucythrinate | 8.70E-09 | | 25 | 29 | 53635 | 1 | | | | | |
| | 2.44E-08 | | 35 | 29 | 53635 | 2 | | | | | |
| | 1.96E-07 | | 45 | 29 | 53635 | 3 | | | | | |
| fluometuron | 9.38E-07 | | 25 | 15 | 68377 | 6 | | | | | |
| fluridone | 1.20E-07 | l | 27 | 10 | 44045 | 1 | | | | | |
| flurprimidol | 3.64E-07 | | 25 | 16 | 74358 | 1 | | | | | |
| fluvalinate | 5.40E-07 | | 25 | 88 | 67567 | 4 | | 1 | 4 | | |
| folpet | 1.60E-07 | a | 25 | 90 | 12483 | 2 | 4 | | | | |
| fonofos | 3.40E-04 | | 25 | 30 | 64406 | 7 | | e | | | |
| | 2.05E-04 | | 20 | 30 | 64406 | 8 | | 4 | | | |
| | 1.54E-03 | | 42 | 30 | 64406 | 10 | | 4 | | | |
| | 6.20E-04 | | 31 | 30 | 64406 | 9 | | 4 | | | |
| | 8.30E-03 | | 59 | 30 | 64406 | 11 | | 4 | | | |
| formetanate HCl | 1.58E-11 | | 25 | 24 | 59654 | 5 | | d | | | |
| fosethyl -Al | 1.00E-07 | l | 25 | 55 | 76233 | 1 | | | | | |
| glyphosate | 7.50E-08 | l | 25 | 191 | 66478 | 4 | | 4 | | | |
| harmony | 1.30E-10 | | 25 | 11 | 60245 | 1 | | d | | | |
| | 5.60E-11 | | 20 | 11 | 60245 | 2 | | d | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| harmony | 1.30E-10 | | 25 | 10 | 59665 | 4 | | d | | | |
| | 1.40E-09 | | 40 | 11 | 60245 | 3 | | d | | | |
| hexazinone | 1.90E-07 | | 25 | 42 | 63761 | 3 | | d | | | |
| | 3.30E-07 | | 30 | 42 | 63761 | 6 | | d | | | |
| | 1.00E-07 | | 20 | 42 | 63761 | 5 | | d | | | |
| | 5.70E-08 | | 15 | 42 | 63761 | 4 | | d | | | |
| hydramethylnon | 6.05E-08 | 1 | 25 | 36 | 54525 | 1 | | 4 | | | |
| | 2.40E-08 | 1 | 35 | 36 | 54525 | 2 | | | | | |
| | 2.15E-08 | 1 | 45 | 36 | 54525 | 3 | | 4 | | | |
| imazethapyr | 1.00E-07 | 1 | 25 | 4 | 76612 | 1 | | | | | d |
| imidacloprid | 1.00E-07 | 1 | 20 | 1 | 119414 | 1 | | | | | |
| iprodione | 1.00E-07 | 1 | 25 | 108 | 71518 | 1 | | 4 | | | |
| isazophos | 5.58E-05 | | 25 | 60 | 71136 | 1 | | | | | |
| | 5.48E-05 | | 25 | 61 | 71524 | 2 | | 4 | | | |
| isoxaben | 3.90E-07 | 1 | 26 | 2 | 75093 | 1 | | | | | |
| lambdacyhalothrin | 1.56E-09 | | 20 | 15 | 71471 | 1 | 1 | | | | |
| | 1.43E-06 | | 60 | 15 | 71471 | 2 | d | | | | |
| | 6.12E-06 | | 70 | 15 | 71471 | 3 | d | | | | |
| | 2.42E-05 | | 80 | 15 | 71471 | 4 | d | | | | |
| lindane | 3.30E-05 | | 24 | 46 | 69655 | 7 | | 4 | | | |
| linuron | 1.40E-06 | | 25 | 61 | 69580 | 7 | | 4 | e | | |
| | 1.40E-06 | | 25 | 61 | 69580 | 8 | | 4 | | | |
| malathion | 3.40E-06 | | 25 | 106 | 70536 | 7 | | 4 | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| malathion | 2.30E-05 | | 25 | 106 | 70536 | 8 | | 4 | | | |
| | 1.40E-04 | | 45 | 106 | 70536 | 9 | | 4 | | | |
| maleic hydrazide | | | | 26 | 59476 | 1 | | 6 | | | |
| mcpp, dimethylamine salt | 6.78E-08 | | 21 | 5 | 70184 | 1 | | 4 | | | |
| mecoprop | 8.98E-04 | | 23 | 5 | 70181 | 1 | | 4 | | | |
| | 8.98E-04 | | 23 | 6 | 72601 | 2 | | 4 | L | | |
| mepiquat chloride | 7.50E-08 | | 50 | 20 | 59431 | 1 | | | | | |
| metalaxyl | 5.63E-06 | | 25 | 206 | 71420 | 1 | | e | 4 | | |
| metaldehyde | 1.09E+00 | | 20 | 24 | 48878 | 1 | | e | | | |
| | 4.95E-02 | | 25 | 36 | 68699 | 4 | | 4 | d | | |
| | 1.20E+00 | | 20 | 24 | 48878 | 2 | | | | | |
| | 1.66E+00 | | 30 | 24 | 48878 | 3 | | e | | | |
| methamidophos | 1.73E-05 | | 20 | 91 | 67706 | 2 | | d | 4 | e | |
| | 3.53E-05 | | 25 | 91 | 67706 | 3 | | d | 4 | e | |
| methidathion | 3.37E-06 | | 25 | 104 | 692428 | 1 | | 1 | 4 | | |
| methiocarb | 2.86E-07 | | 20 | 115 | 49832 | 1 | 1 | | | | |
| | 6.61E-07 | | 25 | 115 | 49832 | 2 | 1 | | | | |
| | 4.20E-07 | | 25 | 121 | 60209 | 3 | 1 | | | | |
| | 1.13E-04 | | 60 | 121 | 60209 | 5 | | | | | |
| | 4.20E-03 | | 90 | 121 | 60209 | 6 | | | | | |
| | 2.10E-07 | | 20 | 121 | 60209 | 4 | 4 | | | | |
| methomyl | 4.90E-05 | | 25 | 172 | 69742 | 9 | | | | | |
| methyl isothiocyanate | 1.60E+01 | | 25 | 15 | 76067 | 1 | | 4 | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| methyl parathion | 8.50E-06 | | 20 | 24 | 54194 | 2 | | e | | | |
| | 2.20E-04 | | 45 | 24 | 54194 | 7 | | e | | | |
| | 3.72E-05 | | 30 | 24 | 54194 | 4 | | e | | | |
| | 7.51E-05 | | 35 | 24 | 54194 | 5 | | e | | | |
| | 1.80E-05 | | 25 | 24 | 54194 | 3 | | e | | | |
| | 1.27E-04 | | 40 | 24 | 54194 | 6 | | e | | | |
| metolachlor | 3.14E-05 | | 25 | 207 | 71422 | 5 | | | | | |
| metribuzin | 3.20E-07 | | 25 | 177 | 58640 | 3 | | | | | |
| metsulfuron-methyl | 2.50E-12 | | 25 | 23 | 52980 | 1 | | d | | | |
| mevinphos | 2.90E-03 | | 25 | 37 | 86905 | 5 | d | d | | | |
| | 7.40E-04 | | 25 | 37 | 86905 | 6 | d | d | | | |
| molinate | 5.00E-03 | | 25 | 61 | 70451 | 4 | | 4 | | | |
| monosodium methanearsonate | 8.00E-08 | | 25 | 40 | 90551 | 1 | l | 4 | d | | |
| naled | 2.63E-07 | | 20 | 89 | 54073 | 2 | | 5 | | | |
| napropamide | 2.54E-10 | | 25 | 68 | 62734 | 4 | | 4 | | | |
| naptalam,sodium salt | | | | 21 | 59443 | 1 | | 6 | k | d | |
| nicosulfuron | 1.00E-07 | l | 25 | 1 | 115296 | 1 | | | | | |
| nitrapyrin | 3.40E-03 | | 25 | 20 | 65070 | 1 | | d | | | |
| | 3.68E-06 | | 23 | 18 | 59435 | 2 | | 4 | | | |
| norflurazon | 3.82E-11 | | 25 | 58 | 69665 | 3 | | d | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| oryzalin | 1.00E-08 | | 25 | 65 | 63530 | 3 | | | | | |
| oxadiazon | 7.76E-07 | | 25 | 59 | 73828 | 4 | | | | | |
| oxamyl | 3.84E-07 | | 25 | 83 | 74428 | 5 | | 4 | | | |
| oxydemeton methyl | 2.85E-05 | | 20 | 125 | 59759 | 1 | | | | | |
| | 3.83E-05 | | 25 | 125 | 59759 | 2 | | | | | |
| | 2.11E-04 | | 60 | 125 | 59759 | 3 | | | | | |
| oxythioquinox | 1.95E-07 | | 20 | 50 | 59249 | 1 | | | | | |
| | 4.20E-07 | | 25 | 50 | 59249 | 2 | | | | | |
| parathion | 4.70E-06 | | 20 | 30 | 54191 | 5 | 1 | 5 | | | |
| | 6.62E-05 | | 40 | 30 | 54191 | 9 | 1 | | | | |
| | 1.22E-04 | | 45 | 30 | 54191 | 10 | 1 | | | | |
| | 3.53E-05 | | 35 | 30 | 54191 | 8 | 1 | | | | |
| | 9.40E-06 | | 25 | 30 | 54191 | 6 | 1 | | | | |
| | 1.84E-05 | | 30 | 30 | 54191 | 7 | 1 | | | | |
| pebulate | 6.07E-03 | | 20 | 16 | 61727 | 3 | | 4 | | | |
| | 9.20E-03 | | 25 | 16 | 61727 | 4 | | 4 | | | |
| | 1.26E-02 | | 30 | 16 | 61727 | 5 | | 4 | | | |
| | 1.75E+01 | | 25 | 9 | 50663 | 7 | | | | | |
| | 3.15E+01 | | 35 | 9 | 50663 | 9 | | | | | |
| | 2.36E+01 | | 30 | 9 | 50663 | 8 | | | | | |
| | 1.08E+02 | | 60 | 9 | 50663 | 13 | | | | | |
| | 6.60E+01 | | 50 | 9 | 50663 | 12 | | | | | |
| | 5.16E+01 | | 45 | 9 | 50663 | 11 | | | | | |
| | 4.15E+01 | | 40 | 9 | 50663 | 10 | | | | | |
| pendimethalin | 9.40E-06 | | 25 | 77 | 61315 | 7 | | | | | |
| pentachloronitrobenzene | 9.50E-05 | | 25 | 63 | 85456 | 8 | | 4 | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pentachloronitrobenzene | 5.98E-05 | | 25 | 65 | 86201 | 9 | | | | | |
| permethrin | 2.15E-08 | | 25 | 362 | 73987 | 1 | | d | | | |
| | 6.90E-09 | | 25 | 362 | 73987 | 2 | | d | | | |
| phenmedipham | 1.00E-11 | | 25 | 30 | 52796 | 1 | | 1 | o | | |
| phorate | 6.44E-04 | | 25 | 36 | 54535 | 8 | 5 | | | | |
| | 1.28E-03 | | 35 | 36 | 54535 | 9 | 5 | | | | |
| phosalone | 2.50E+01 | 7 | 1 | 36 | 72234 | 1 | | | | | |
| phosmet | 4.90E-07 | | 25 | 71 | 59587 | 5 | 1 | | | | |
| | 4.90E-07 | | 25 | 75 | 63867 | 6 | | d | | | |
| phosphamidon | 1.65E-05 | | 25 | 20 | 69273 | 5 | | d | | | |
| piperalin | 4.50E-08 | g | 25 | 4 | 64121 | 1 | | e | | | |
| piperonyl butoxide | 1.00E-07 | l | 25 | 32 | 91266 | 1 | d | | | | |
| pirate | 1.00E-07 | l | 25 | 3 | 125100 | 1 | | | | | |
| profenofos | 9.00E-07 | | 25 | 67 | 68385 | 1 | | | | | |
| | 9.00E-07 | | 25 | 70 | 69255 | 2 | | h | | | |
| prometon | 7.70E-06 | | 25 | 48 | 71700 | 5 | | 1 | d | | |
| prometryn | 1.05E-06 | | 25 | 49 | 71424 | 7 | | | | | |
| propamocarb | 6.00E-06 | | 25 | 12 | 52209 | 1 | | d | h | | |
| propanil | 6.45E-07 | | 23 | 6 | 87924 | 4 | | 4 | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| propargite | 3.89E-08 | | 25 | 92 | 72343 | 1 | | | | | |
| | 4.49E-08 | | 25 | 97 | 72533 | 2 | | | | | |
| propiconazole | 4.20E-07 | | 25 | 86 | 70323 | 1 | | 1 | | | |
| propoxur | 9.70E-05 | | 20 | 148 | 59106 | 3 | | | | | |
| | 3.75E-05 | | 29 | 148 | 59106 | 5 | | | | | |
| | 6.00E-04 | | 49 | 148 | 59106 | 6 | | | | | |
| | 3.00E-03 | | 62 | 148 | 59106 | 7 | | | | | |
| | 5.25E-03 | | 67 | 148 | 59106 | 8 | | | | | |
| | 2.10E-05 | | 25 | 148 | 59106 | 9 | | | | | |
| propyzamide | 4.35E-07 | | 25 | 49 | 71873 | 4 | | | | | |
| pyrithiobac sodium | 3.60E-11 | | 25 | 2 | 125333 | 1 | d | | | | |
| resmethrin | 7.50E-08 | l | 21 | 179 | 85213 | 1 | | | | | |
| riclpyr | 3.60E-06 | | 25 | 2 | 59651 | 1 | | | | | |
| sethoxydim | 1.50E-07 | | 25 | 50 | 54401 | 1 | | | | | |
| simazine | 2.21E-08 | | 25 | 69 | 68384 | 9 | | | | | |
| sulfometuron methyl | 5.50E-16 | | 25 | 26 | 59487 | 1 | | | | | |
| sulprofos | 6.32E-07 | | 20 | 58 | 58368 | 3 | | 1 | | | |
| tebuthiuron | 2.61E-06 | | 25 | 40 | 87657 | 3 | | 1 | | | |
| temephos | 6.13E-08 | l | 25 | 23 | 64076 | 1 | | d | 4 | | |
| terbutryn | 1.68E-06 | | 25 | 30 | 69133 | 1 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| thiabendazole | 9.40E-02 | | 181 | 43 | 59179 | 1 | d | | | | |
| | 1.70E-01 | | 191 | 43 | 59179 | 2 | d | | | | |
| | 6.59E-01 | | 211 | 43 | 59179 | 4 | d | | | | |
| | 4.00E-09 | | 25 | 43 | 59179 | 5 | d | | | | |
| | 3.49E-01 | | 201 | 43 | 59179 | 3 | d | | | | |
| thiobencarb | 2.20E-05 | | | 115 | 52888 | 3 | | e | | | |
| thiophanate-methyl | 7.12E-08 | | 25 | 43 | 55940 | 1 | | | | | |
| thiram | 8.40E-08 | a | 25 | 37 | 73006 | 1 | | 4 | | | |
| | 1.70E-05 | | 25 | 26 | 65622 | 2 | | 4 | | | |
| tralomethrin | 3.60E-11 | a | 25 | 83 | 128749 | 1 | 1 | | | | |
| triadimefon | 1.50E-07 | | 20 | 159 | 74848 | 1 | | d | 4 | | |
| | 4.51E-07 | | 25 | 159 | 74848 | 2 | | d | 4 | | |
| tributyl phosphorotrithioate | 6.50E-06 | | 25 | 29 | 60243 | 1 | | | | | |
| | 1.70E-06 | | 20 | 29 | 60243 | 2 | | 4 | | | |
| | 1.70E-06 | | 20 | 29 | 60243 | 5 | | 4 | | | |
| | 1.90E-05 | | 30 | 29 | 60243 | 3 | | | | | |
| | 8.00E-04 | | 40 | 29 | 60243 | 4 | | 4 | | | |
| trichlorophon | 1.60E-06 | | 20 | 133 | 65813 | 1 | | 4 | | | |
| | 3.75E-06 | | 25 | 133 | 65813 | 2 | | 4 | | | |
| triclopyr, butoxyethyl ester | 3.60E-06 | | 25 | 2 | 59651 | 1 | | | | | |
| triclopyr, triethylamine salt | 3.60E-07 | | 25 | 61 | 71447 | 1 | | 1 | | | |
| | 3.60E-07 | | 25 | 61 | 71447 | 1 | | 1 | | | |
| triflumizole | 1.43E-06 | | 25 | 28 | 65979 | 1 | | | | | |

## VAPOR PRESSURE

| Active Ingredient | Vapor Pres mmHg | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| trifluralin | 1.03E-04 | | 25 | 107 | 63700 | 10 | | | | | |
| triforine | 5.48E-04 | | 20 | 78 | 85171 | 1 | | d | | | |
| | 6.00E-04 | | 25 | 78 | 85171 | 2 | | 4 | | | |
| uniconazole-p | 2.26E-08 | a | 25 | 26 | 130419 | 1 | | | | | |
| | 8.01E-07 | a | 45 | 26 | 130419 | 3 | | | | | |
| | 1.26E-07 | a | 35 | 26 | 130419 | 2 | | | | | |
| vernolate | 1.30E-05 | | 25 | 27 | 64029 | 4 | | | | | |
| vinclozolin | 3.36E-09 | | 25 | 57 | 71120 | 1 | | | | | |
| | 1.29E-09 | | 20 | 57 | 71120 | 2 | | | | | |
| ziram | 2.43E-09 | L | 25 | 44 | 62687 | 1 | | 4 | | | |

341 rows selected.

## III. OCTANOL-WATER COEFFICIENT

Column Heading Key

Kow
Coef = Octanol-Water Coefficient

Value/Range code (R):
a = approximately
g = greater than
l = less than
h = upper bound
b = lower bound

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 1.16E+02 | | 37 | 71514 | 4 | j | 4 | | | |
| | 1.07E+02 | | 37 | 71515 | 5 | j | 4 | | | |
| | 1.04E+02 | | 34 | 63687 | 6 | 4 | j | | | |
| | 8.98E+01 | | 34 | 63695 | 7 | 4 | j | | | |
| 2,4-D | 1.11E+00 | | 119 | 71852 | 7 | n | d | 4 | | |
| | 2.14E+00 | | 119 | 71852 | 8 | n | d | 4 | | |
| | 1.77E-01 | | 119 | 71852 | 10 | n | d | 4 | | |
| | 1.24E-01 | | 119 | 71852 | 9 | n | d | 4 | | |
| | 3.85E+02 | | 119 | 71852 | 13 | n | d | 4 | | |
| | 6.74E+02 | | 119 | 71852 | 14 | n | d | 4 | | |
| | 1.02E-01 | | 119 | 71852 | 12 | n | d | 4 | | |
| | 9.15E-02 | | 119 | 71852 | 11 | n | d | 4 | | |
| 2,4-D Dimethylamine Salt | 1.00E+00 | l | 26 | 72161 | 1 | k | | | | |
| 2,4-d, 2-ethylhexyl ester | 6.02E+05 | | 1 | 64692 | 1 | 4 | d | | | |
| 2,4-d, butyl ester | 2.51E+04 | | 1 | 66084 | 1 | 4 | | | | |
| 4(2,4-db), dimethylamine salt | 4.20E+00 | | 7 | 74505 | 1 | | | | | |
| DDVP | 3.84E+01 | | 86 | 63300 | 1 | 4 | | | | |
| EPTC | 2.20E+04 | | 62 | 50142 | 1 | | | | | |
| MCPA, ACID | 1.92E+00 | | 21 | 64800 | 1 | l | 4 | n | | |
| | 1.33E-01 | | 21 | 64800 | 7 | l | 4 | n | | |
| | 1.96E-01 | | 21 | 64800 | 6 | l | 4 | n | | |
| | 6.36E+02 | | 21 | 64800 | 8 | l | 4 | n | | |
| | 1.55E-01 | | 21 | 64800 | 2 | l | 4 | n | | |
| | 8.60E-02 | | 21 | 64800 | 3 | l | 4 | n | | |
| | 4.97E+02 | | 21 | 64800 | 4 | l | 4 | n | | |
| | 3.86E+00 | | 21 | 64800 | 5 | l | 4 | n | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| MCPA, dimethlamine salt | 1.00E+00 | l | 31 | 74066 | 1 | k | | | | |
| MCPA, na salt | 1.00E-05 | l | 11 | 72075 | 1 | k | 6 | 1 | d | |
| acephate | 1.27E-01 | | 168 | 59032 | 2 | 4 | | | | |
| acifluorfen, sodium salt | 2.88E+01 | | 44 | 53457 | 1 | d | 4 | | | |
| | 5.15E+00 | | 44 | 53457 | 2 | d | 4 | | | |
| | 2.89E+01 | | 44 | 53457 | 3 | d | 4 | | | |
| acrolein | 1.10E+00 | | 10 | 59159 | 1 | | | | | |
| alachlor | 1.22E+03 | | 126 | 63229 | 3 | | | | | |
| aldicarb | 1.41E+01 | | 150 | 71509 | 7 | 4 | | | | |
| ametryne | 4.23E+02 | | 8 | 59947 | 3 | | | | | |
| | 4.23E+02 | | 10 | 69278 | 4 | 4 | | | | |
| amitraz | 3.00E+05 | | 56 | 59725 | 1 | 4 | | | | |
| amitrole | 1.08E-01 | | 46 | 70868 | 2 | 4 | | | | |
| anilazine | 1.05E+03 | | 58 | 58396 | 2 | 4 | | | | |
| asulam, sodium salt | 3.00E-01 | | 33 | 64302 | 2 | n | 4 | | | |
| | 5.50E+00 | | 33 | 64303 | 6 | 4 | d | f | | |
| | 7.50E-01 | | 33 | 64302 | 3 | n | 4 | | | |
| | 1.76E+00 | | 33 | 64302 | 4 | n | 4 | | | |
| | 5.03E+00 | | 33 | 64303 | 7 | 4 | d | f | | |
| | 5.40E+00 | | 33 | 64303 | 5 | 4 | d | f | | |
| atrazine | 4.18E+02 | | 81 | 47760 | 6 | 4 | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| atrazine | 4.81E+02 | | 110 | 69283 | 7 | 4 | | | | |
| azinphosmethyl | 3.60E+02 | | 159 | 49793 | 1 | 4 | | | | |
| baythroid | 4.58E+05 | b | 62 | 59905 | 4 | d | | | | |
| | 6.40E+05 | h | 62 | 59905 | 5 | d | | | | |
| bendiocarb | 5.22E+01 | | 57 | 58357 | 2 | d | 4 | | | |
| benefin | 1.95E+05 | | 23 | 52959 | 1 | 4 | | | | |
| bensulide | 1.65E+04 | | 32 | 52354 | 1 | | | | | |
| bentazon | 8.40E-01 | | 50 | 54996 | 1 | 7 | | | | |
| | 2.80E-01 | | 50 | 54996 | 4 | 7 | | | | |
| | 3.50E-01 | | 50 | 54996 | 3 | 7 | | | | |
| | 5.84E+00 | | 50 | 54996 | 2 | 7 | | | | |
| bifenox | 3.00E+04 | | 40 | 64294 | 2 | | | | | |
| bifenthrin | 1.00E+06 | G | 7 | 36590 | 1 | | | | | |
| butylate | 1.40E+04 | | 44 | 64409 | 1 | 4 | n | | | |
| cacodylic acid | 4.13E-01 | l | 30 | 87541 | 1 | 4 | | | | |
| captan | 6.05E+02 | | 140 | 53464 | 5 | n | 4 | d | | |
| carbaryl | 7.08E+01 | | 190 | 71431 | 8 | | | | | |
| carbendazim | 2.40E+01 | | 1 | 70001 | 1 | | | | | |
| | 3.20E+01 | | 1 | 70001 | 2 | | | | | |
| | 3.10E+01 | | 1 | 70001 | 3 | | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| carbofuran | 1.70E+01 | L | 120 | 58689 | 4 | | | | | |
| | 2.60E+01 | H | 120 | 58689 | 5 | | | | | |
| chlorflurenol | 2.40E+00 | | 37 | 64033 | 2 | e | d | | | |
| chloropicrin | 2.69E+02 | | 49 | 97946 | 3 | | | | | |
| chlorothalonil | 5.48E+02 | | 134 | 53195 | 5 | | | | | |
| | 9.75E+02 | | 134 | 53195 | 6 | | | | | |
| chlorpropham | 1.05E+03 | | 30 | 59037 | 2 | 4 | | | | |
| | 1.22E+03 | | 30 | 59037 | 5 | | | | | |
| | 1.08E+03 | | 30 | 59037 | 3 | | | | | |
| | 1.14E+03 | | 30 | 59037 | 4 | | | | | |
| chlorpyrifos | 5.01E+04 | | 305 | 63861 | 14 | | | | | |
| chlorsulfuron | 2.19E+00 | | 42 | 69753 | 1 | f | d | 4 | | |
| | 1.10E-01 | | 42 | 69753 | 2 | f | d | 4 | | |
| | 4.00E-02 | | 42 | 69753 | 3 | f | d | 4 | | |
| chlorthal dimethyl | 6.83E+03 | | 16 | 53293 | 1 | d | 4 | | | |
| | 6.67E-03 | | 40 | 91485 | 4 | | | | | |
| | 8.33E-02 | | 40 | 91485 | 2 | | | | | |
| | 1.37E-02 | | 40 | 91485 | 3 | | | | | |
| cimectacarb | 3.08E+02 | | 1 | 97686 | 1 | d | | | | |
| clethodim | 3.24E+04 | a | 106 | 128690 | 1 | | | | | |
| | 5.50E+02 | a | 106 | 128690 | 2 | | | | | |
| | 4.47E+00 | a | 106 | 128690 | 4 | | | | | |
| | 5.75E+00 | a | 106 | 128690 | 5 | | | | | |
| | 2.69E+00 | a | 106 | 128690 | 3 | | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| clofentezine | 1.24E+04 | | 30 | 86439 | 1 | 4 | | | | |
| cyanazine | 1.27E+02 | | 59 | 50025 | 1 | | | | | |
| cycloate | 1.27E+04 | | 32 | 64412 | 1 | 4 | n | | | |
| cyhexatin | 6.97E+04 | | 30 | 52365 | 1 | 4 | | | | |
| cypermethrin | 3.98E+06 | | 71 | 69618 | 3 | | | | | |
| daminozide | 3.20E-02 | | 16 | 48160 | 1 | | | | | |
| desmedipham | 3.98E+03 | | 44 | 67443 | 2 | d | | | | |
| | 2.45E+03 | | 44 | 67443 | 3 | 4 | d | | | |
| diazinon | 1.98E+03 | | 167 | 60217 | 5 | | | | | |
| dicamba | 6.86E+00 | | 66 | 64924 | 3 | 7 | | | | |
| | 5.40E-01 | | 66 | 64924 | 6 | 7 | | | | |
| | 3.98E+00 | | 66 | 64924 | 9 | 7 | | | | |
| | 8.95E+00 | | 66 | 64924 | 7 | 7 | | | | |
| | 5.80E-01 | | 66 | 64924 | 11 | 7 | | | | |
| | 1.60E-01 | | 66 | 64924 | 10 | 7 | | | | |
| dichlobenil | 5.50E+02 | | 30 | 66925 | 3 | d | | | | |
| dichloran | 1.58E+02 | | 30 | 52828 | 1 | | | | | |
| diclofop-methyl | 1.60E+00 | b | 59 | 48789 | 1 | | | | | |
| | 5.50E+00 | h | 59 | 48789 | 2 | | | | | |
| dicofol | 1.90E+02 | | 46 | 52032 | 2 | | | | | |
| dienochlor | 1.71E+03 | | 10 | 64052 | 1 | 4 | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| diethatyl ethyl | 3.61E+03 | | 43 | 59803 | 1 | | | | | |
| difenzoquat methyl sulfate | 4.45E+00 | | 50 | 63950 | 3 | f | 4 | | | |
| | 1.20E+00 | | 50 | 63950 | 4 | f | 4 | | | |
| | 4.79E-01 | | 50 | 63950 | 7 | f | 4 | | | |
| | 3.74E-01 | | 50 | 63950 | 6 | f | 4 | | | |
| | 2.38E-01 | | 50 | 63950 | 5 | f | 4 | | | |
| diflubenzuron | 7.76E+03 | | 101 | 63309 | 2 | | | | | |
| diiodomethyl-p-tolyl sulfone | 4.62E+02 | a | 13 | 114528 | 1 | | | | | |
| dimethoate | 5.06E+00 | | 60 | 64844 | 5 | 4 | | | | |
| diphenamid | 2.04E+02 | | 33 | 61728 | 3 | | | | | |
| | 1.82E+02 | | 33 | 61728 | 4 | | | | | |
| | 2.24E+02 | | 33 | 61728 | 5 | | | | | |
| disulfoton | 8.91E+03 | | 164 | 59233 | 1 | | | | | |
| dithiopyr | 5.63E+04 | | 33 | 111554 | 1 | 4 | | | | |
| diuron | 6.48E+02 | | 38 | 69612 | 4 | 4 | n | d | | |
| | 7.47E+02 | | 38 | 69612 | 5 | 4 | n | d | | |
| dodemorph | 3.36E+02 | | 17 | 93416 | 1 | | | | | |
| | 1.78E+04 | | 17 | 93416 | 2 | | | | | |
| endosulfan | 5.55E+04 | | 56 | 63586 | 3 | | | | | |
| | 6.13E+04 | | 56 | 63586 | 4 | | | | | |
| endothall, disodium salt | 8.00E-03 | | 43 | 66095 | 1 | | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| ethalfluralin | 1.29E+05 | | 25 | 63294 | 2 | 4 | d | n | | |
| ethofumesate | 4.88E+02 | | 67 | 59751 | 3 | 4 | | | | |
| ethoprop | 3.89E+03 | | 75 | 64372 | 2 | | | | | |
| fenamiphos | 1.76E+03 | | 110 | 49745 | 3 | | | | | |
| | 1.51E+03 | | 110 | 49747 | 4 | | | | | |
| fenarimol | 4.90E+03 | | 45 | 63791 | 1 | 4 | d | | | |
| fenbutatin oxide | 1.40E+05 | | 32 | 68567 | 2 | | | | | |
| fenoxaprop-ethyl | 1.92E+04 | a | 62 | 120762 | 1 | | | | | |
| fenpropathrin | 1.11E+03 | | 23 | 91100 | 1 | 4 | | | | |
| fenvalerate | 2.09E+05 | | 143 | 69642 | 1 | e | | | | |
| fluazifop-butyl | 3.16E+04 | | 91 | 71134 | 2 | | | | | |
| flucythrinate | 5.50E+04 | | 29 | 53636 | 1 | | | | | |
| fluometuron | 2.42E+02 | | 23 | 59404 | 3 | | | | | |
| | 2.42E+02 | | 26 | 69251 | 4 | | | | | |
| fluridone | 9.86E+02 | | 32 | 75046 | 1 | 4 | | | | |
| fluvalinate | 1.71E+04 | | 85 | 65684 | 4 | 4 | m | | | |
| folpet | 6.13E+02 | | 81 | 59445 | 2 | 4 | n | | | |
| | 1.28E+03 | | 86 | 97942 | 3 | | | | | |
| fonofos | 8.70E+03 | | 29 | 54594 | 5 | 4 | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| fonofos | 8.70E+03 | | 29 | 59594 | 7 | 4 | | | | |
| formetanate HCl | 2.00E-03 | l | 22 | 52989 | 1 | | | | | |
| fosamine,ammonium salt | 1.20E-03 | | 19 | 59810 | 1 | 4 | n | | | |
| fosethyl -Al | 2.00E-03 | a | 43 | 69164 | 3 | 4 | | | | |
| glyphosate | 6.00E-04 | l | 188 | 63851 | 5 | 4 | | | | |
| | 6.00E-05 | l | 188 | 63851 | 6 | 4 | | | | |
| harmony | 2.10E-02 | | 7 | 47820 | 1 | d | 4 | | | |
| hexazinone | 1.50E+01 | | 46 | 69652 | 1 | 4 | | | | |
| | 1.46E+01 | | 46 | 69652 | 2 | n | 4 | f | d | |
| | 1.55E+01 | | 46 | 69652 | 3 | n | 4 | f | d | |
| hydramethylnon | 2.03E+02 | | 36 | 54526 | 1 | n | 4 | d | | |
| | 2.04E+02 | | 36 | 54526 | 2 | n | 4 | d | | |
| | 2.12E+02 | | 36 | 54526 | 3 | n | 4 | d | | |
| imazethapyr, ammonium salt | 1.10E+01 | a | 4 | 76614 | 1 | | | | | d |
| | 1.60E+01 | a | 4 | 76614 | 3 | | | | | d |
| | 3.10E+01 | a | 4 | 76614 | 2 | | | | | d |
| imidacloprid | 3.70E+00 | | 1 | 119416 | 1 | | | | | |
| isazophos | 9.58E+01 | | 75 | 117402 | 1 | | | | | |
| isoxaben | 8.71E+03 | | 26 | | 1 | | | | | |
| lindane | 3.14E+03 | | 46 | 69659 | 8 | d | 4 | | | |
| linuron | 1.01E+03 | | 40 | 47996 | 2 | 4 | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| linuron | 1.03E+03 | | 40 | 47996 | 3 | | | | | |
| | 1.03E+03 | | 40 | 47996 | 5 | 4 | f | d | | |
| | 1.01E+03 | a | 40 | 47996 | 4 | 4 | f | d | | |
| malathion | 1.82E+02 | | 102 | 64847 | 7 | | | | | |
| maleic hydrazide | 2.10E-01 | | 8 | 48381 | 1 | 4 | f | d | | |
| | 1.10E-02 | | 8 | 48381 | 2 | 4 | f | d | | |
| | 3.80E-03 | | 8 | 48381 | 3 | 4 | f | d | | |
| mancozeb | 1.80E+00 | | 39 | 53687 | 1 | 4 | d | | | |
| | 1.10E-01 | | 36 | 53687 | 3 | 4 | d | | | |
| | 2.14E+01 | | 39 | 53687 | 2 | 4 | d | | | |
| mecoprop | 1.53E+01 | | 6 | 73392 | 1 | L | 4 | | | |
| mepiquat chloride | 2.05E-03 | | 19 | 54322 | 1 | n | | | | |
| | 1.52E-03 | | 19 | 54322 | 4 | n | 4 | | | |
| | 1.37E-03 | | 19 | 54322 | 2 | n | | | | |
| | 1.14E-03 | | 19 | 54322 | 3 | n | | | | |
| metalaxyl | 3.30E+01 | | 192 | 60204 | 1 | 4 | | | | |
| metaldehyde | 1.33E+00 | | 36 | 68700 | 1 | 4 | | | | |
| methamidophos | 1.60E-01 | | 91 | 67708 | 1 | 4 | | | | |
| methidathion | 1.66E+02 | | 102 | 59677 | 1 | 4 | | | | |
| methiocarb | 2.20E+03 | | 115 | 49834 | 3 | | | | | |
| | 2.20E+03 | | 115 | 49834 | 4 | | | | | |
| methomyl | 1.14E+00 | | 185 | 69671 | 4 | n | | | | |
| | 1.35E+00 | | 185 | 69671 | 5 | n | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| methyl bromide | 8.11E+00 | | 122 | 91534 | 4 | n | | | | |
| | 9.78E+00 | | 122 | 91534 | 5 | n | | | | |
| | 9.33E+01 | | 122 | 91534 | 6 | d | n | | | |
| | 1.02E+02 | | 122 | 91534 | 7 | d | n | | | |
| methyl isothiocyanate | 1.25E+01 | | 15 | 76068 | 1 | 4 | | | | |
| | 1.91E+01 | | 15 | 76068 | 2 | d | | | | |
| methyl parathion | 6.29E+02 | | 60 | 71375 | 5 | 4 | | | | |
| metiram | 9.37E+01 | | 28 | 53017 | 1 | d | | | | |
| | 6.42E+01 | | 28 | 53017 | 2 | d | | | | |
| | 1.76E+00 | | 28 | 53017 | 3 | d | | | | |
| | 3.20E-01 | | 28 | 53017 | 5 | d | | | | |
| | 2.48E+00 | | 28 | 53017 | 4 | d | | | | |
| | 5.40E-01 | | 28 | 53017 | 6 | d | | | | |
| metolachlor | 8.50E+02 | | 197 | 60202 | 1 | 4 | | | | |
| metribuzin | 5.75E+01 | | 176 | 59836 | 4 | | | | | |
| | 5.00E+01 | | 177 | 58641 | 5 | | | | | |
| metsulfuron-methyl | 1.80E-02 | | 22 | 47837 | 1 | 4 | | | | |
| mevinphos | 1.34E+00 | | 11 | 50003 | 1 | | | | | |
| molinate | 7.56E+02 | | 51 | 62273 | 1 | 4 | | | | |
| monocrotophos | 7.00E-01 | | 31 | 48235 | 1 | 4 | | | | |
| monosodium methanearsonate | 1.00E+01 | l | 37 | 68195 | 2 | 7 | d | | | |
| | 1.00E+01 | l | 37 | 68195 | 3 | 7 | d | | | |
| | 1.00E+01 | l | 37 | 68195 | 4 | 7 | d | | | |

OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| monosodium methanearsonate | 7.84E-04 | | 37 | 68195 | 6 | d | 7 | 4 | | |
| | 3.45E-04 | | 37 | 68195 | 7 | d | 7 | 4 | | |
| | 2.40E-03 | | 37 | 68195 | 5 | d | 7 | 4 | | |
| naled | 9.20E+01 | | 89 | 54077 | 2 | n | | | | |
| napropamide | 2.10E+03 | | 68 | 62734 | 2 | 4 | | | | |
| naptalam,sodium salt | 1.06E+00 | | 15 | 48154 | 1 | d | f | | | |
| | 1.27E+00 | | 15 | 48154 | 2 | d | f | 4 | | |
| | 1.01E+00 | | 15 | 48154 | 3 | d | f | 4 | | |
| | 9.20E-01 | | 15 | 48154 | 4 | d | f | 4 | | |
| nicosulfuron | 4.40E-01 | a | 4 | 115322 | 1 | d | | | | |
| | 6.70E-03 | a | 4 | 115322 | 3 | d | | | | |
| | 1.70E-02 | a | 4 | 115322 | 2 | d | | | | |
| nitrapyrin | 1.79E+03 | | 16 | 52322 | 1 | 4 | d | | | |
| | 2.24E+03 | | 16 | 52322 | 2 | 4 | d | | | |
| | 2.16E+03 | | 16 | 52322 | 3 | 4 | d | | | |
| norflurazon | 2.80E+02 | | 56 | 67224 | 1 | 4 | | | | |
| oxadiazon | 8.13E+04 | | 53 | 72720 | 1 | | | | | |
| oxamyl | 3.60E-01 | | 77 | 67109 | 3 | 4 | d | f | | |
| oxydemeton methyl | 1.80E-01 | | 125 | 59760 | 1 | 4 | | | | |
| oxyfluorfen | 2.94E+04 | | 83 | 52806 | 1 | 4 | | | | |
| oxythioquinox | 6.03E+03 | | 50 | 59250 | 1 | | | | | |
| para-dichlorobenzene | 2.46E+03 | a | 25 | 93405 | 2 | 4 | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| parathion | 1.60E+03 | | 58 | 95903 | 7 | | | | | |
| pebulate | 9.60E+03 | | 16 | 61727 | 1 | 4 | | | | |
| pendimethalin | 1.52E+05 | | 77 | 61316 | 1 | 4 | d | | | |
| pentachloronitrobenzene | 1.29E+05 | | 42 | 64662 | 3 | f | 4 | | | |
| | 1.00E+05 | | 65 | 86203 | 4 | | | | | |
| permethrin | 3.16E+03 | | 344 | 58951 | 1 | | | | | |
| phenmedipham | 3.85E+03 | | 34 | 67590 | 1 | d | | | | |
| phorate | 8.39E+03 | | 43 | 61923 | 6 | | | | | |
| phosalone | 5.89E+04 | | 30 | 63340 | 1 | d | | | | |
| phosmet | 9.00E+02 | a | 71 | 59589 | 5 | | | | | |
| | 9.35E+02 | | 71 | 59589 | 6 | | | | | |
| | 8.90E+02 | | 71 | 59589 | 7 | | | | | |
| phosphamidon | 6.24E+00 | | 13 | 60200 | 1 | d | 4 | | | |
| picloram | 1.20E+01 | | 20 | 51750 | 4 | l | | | | |
| piperalin | 2.84E+04 | | 4 | 64122 | 1 | f | 4 | n | | |
| | 1.99E+04 | | 4 | 64122 | 3 | f | 4 | n | | |
| | 1.33E+04 | | 4 | 64122 | 2 | f | 4 | n | | |
| piperonyl butoxide | 4.51E+04 | | 29 | 75809 | 1 | | | | | |
| pirate | 6.77E+04 | a | 3 | 125101 | 1 | | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| prodiamine | 1.27E+04 | a | 28 | 121748 | 1 | | | | | |
| profenofos | 2.74E+04 | | 81 | 92136 | 1 | d | | | | |
| prometon | 4.92E+02 | | 32 | 60221 | 1 | | | | | |
| prometryn | 1.24E+03 | | 39 | 60197 | 3 | 4 | | | | |
| propanil | 1.93E+02 | | 2 | 71443 | 2 | 4 | | | | |
| propargite | 5.31E+03 | | 49 | 48129 | 1 | 4 | | | | |
| propham | 4.49E+02 | | 13 | 50109 | 1 | 4 | | | | |
| | 4.64E+02 | | 13 | 50109 | 3 | | | | | |
| | 4.60E+02 | | 13 | 50109 | 4 | | | | | |
| | 4.28E+02 | | 13 | 50109 | 5 | | | | | |
| propiconazole | 8.92E+02 | | 86 | 70324 | 1 | 4 | | | | |
| propoxur | 3.60E+01 | | 148 | 59055 | 3 | 4 | | | | |
| propyzamide | 1.23E+03 | | 35 | 53722 | 1 | n | 4 | | | |
| | 1.90E+03 | | 35 | 53722 | 2 | n | 4 | | | |
| pyrazon | 1.55E+01 | | 22 | 63873 | 1 | d | 4 | | | |
| pyridate | 1.10E+04 | | 29 | 125680 | 1 | | | | | |
| pyrithiobac sodium | 4.02E+00 | | 2 | 125332 | 1 | f | d | | | |
| | 1.50E-01 | | 2 | 125332 | 2 | f | d | | | |
| | 6.00E-02 | | 2 | 125332 | 3 | f | d | | | |
| resmethrin | 2.66E+05 | | 206 | 72966 | 1 | 4 | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| riclpyr | 4.49E+00 | | 2 | 59982 | 1 | | | | | |
| sethoxydim | 3.26E+03 | | 56 | 63708 | 1 | 7 | | | | |
| | 9.30E-01 | | 56 | 63708 | 3 | 7 | | | | |
| | 4.51E+01 | | 56 | 63708 | 2 | 7 | | | | |
| simazine | 1.22E+02 | | 60 | 58679 | 3 | 4 | | | | |
| strychnine | 8.20E-01 | a | 24 | 129487 | 1 | d | | | | |
| | 3.83E+00 | a | 24 | 129487 | 6 | d | | | | |
| | 1.10E+02 | a | 24 | 129487 | 8 | d | | | | |
| | 8.20E-01 | a | 24 | 129487 | 10 | d | | | | |
| | 1.10E+00 | a | 24 | 129487 | 12 | d | | | | |
| | 7.90E-01 | a | 24 | 129487 | 11 | d | | | | |
| | 1.12E+02 | a | 24 | 129487 | 18 | d | | | | |
| | 1.10E+02 | a | 24 | 129487 | 17 | d | | | | |
| | 1.19E+02 | a | 24 | 129487 | 16 | d | | | | |
| | 3.83E+00 | a | 24 | 129487 | 15 | d | | | | |
| | 3.87E+00 | a | 24 | 129487 | 14 | d | | | | |
| | 4.17E+00 | a | 24 | 129487 | 13 | d | | | | |
| | 1.12E+02 | a | 24 | 129487 | 9 | d | | | | |
| | 1.19E+02 | a | 24 | 129487 | 7 | d | | | | |
| | 3.87E+00 | a | 24 | 129487 | 5 | d | | | | |
| | 7.90E-01 | a | 24 | 129487 | 2 | d | | | | |
| | 4.17E+00 | a | 24 | 129487 | 4 | d | | | | |
| | 1.10E+00 | a | 24 | 129487 | 3 | d | | | | |
| sulfometuron methyl | 1.10E+01 | | 20 | 69515 | 2 | 4 | d | | | |
| | 3.46E-01 | | 20 | 69515 | 3 | 4 | d | | | |
| | 1.36E-02 | | 20 | 69515 | 4 | 4 | d | | | |
| sulprofos | 3.00E+05 | | 68 | 74163 | 1 | | | | | |
| tebuthiuron | 6.30E+01 | | 35 | 63593 | 1 | 4 | | | | |

OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| temephos | 8.06E+04 | | 19 | 54267 | 1 | 4 | n | | | |
| terbutryn | 4.46E+03 | | 26 | 60116 | 1 | 4 | | | | |
| terrazole | 2.34E+03 | | 70 | 63471 | 1 | 4 | f | | | |
| thiabendazole | 1.43E+02 | | 35 | 53369 | 1 | d | n | 4 | | |
| | 2.46E+02 | | 35 | 53369 | 6 | d | n | 4 | | |
| | 2.39E+02 | | 35 | 53369 | 5 | d | n | 4 | | |
| | 2.40E+02 | | 35 | 53369 | 4 | d | n | 4 | | |
| | 2.85E+02 | | 35 | 53369 | 3 | d | n | 4 | | |
| | 1.58E+02 | | 35 | 53369 | 2 | d | n | 4 | | |
| thiobencarb | 2.93E+01 | | 120 | 63595 | 1 | 4 | | | | |
| thiodicarb | 4.37E+01 | | 53 | 65688 | 1 | d | | | | |
| | 1.70E+01 | | 53 | 65688 | 3 | d | u | | | |
| thiophanate-methyl | 2.47E+01 | | 43 | 55941 | 1 | n | d | | | |
| | 3.11E+01 | | 43 | 55941 | 4 | n | d | | | |
| | 3.30E+01 | | 43 | 55941 | 6 | n | d | | | |
| | 3.12E+01 | | 43 | 55941 | 5 | n | d | | | |
| | 3.73E+01 | | 43 | 55941 | 12 | n | d | | | |
| | 3.19E+01 | | 43 | 55941 | 11 | n | d | | | |
| | 3.45E+01 | | 43 | 55941 | 10 | n | d | | | |
| | 3.34E+01 | | 43 | 55941 | 9 | n | d | | | |
| | 3.49E+01 | | 43 | 55941 | 8 | n | d | | | |
| | 3.38E+01 | | 43 | 55941 | 7 | n | d | | | |
| | 2.55E+01 | | 43 | 55941 | 3 | n | d | | | |
| | 2.50E+01 | | 43 | 55941 | 2 | n | d | | | |
| thiram | 5.56E+01 | | 132 | 26 | 1 | | | | | |

OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| tralomethrin | 1.16E+05 | a | 83 | 128757 | 1 | | | | | |
| triadimefon | 8.11E+02 | | 111 | 49647 | 1 | | | | | |
| | 1.52E+03 | | 111 | 49647 | 2 | 4 | | | | |
| tributyl phosphorotrithioate | 3.31E+05 | | 28 | 55911 | 1 | | | | | |
| trichlorophon | 2.70E+00 | | 135 | 68210 | 1 | 4 | | | | |
| triclopyr, butoxyethyl ester | 4.49E+00 | | 2 | 59982 | 1 | | | | | |
| triclopyr, triethylamine salt | 2.32E+00 | | 61 | 71448 | 1 | 4 | D | | | |
| | 3.07E-01 | | 61 | 71448 | 2 | 4 | d | | | |
| | 1.68E-01 | | 61 | 71448 | 3 | 4 | D | | | |
| | 4.27E+00 | | 61 | 71448 | 4 | 4 | N | | | |
| | 1.95E-01 | | 61 | 71448 | 5 | 4 | N | | | |
| | 1.95E-01 | | 61 | 71448 | 5 | 4 | N | | | |
| | 9.13E-02 | | 61 | 71448 | 6 | 4 | N | | | |
| | 9.13E-02 | | 61 | 71448 | 6 | 4 | N | | | |
| | 4.27E+00 | | 61 | 71448 | 4 | 4 | N | | | |
| | 1.68E-01 | | 61 | 71448 | 3 | 4 | D | | | |
| | 3.07E-01 | | 61 | 71448 | 2 | 4 | d | | | |
| | 2.32E+00 | | 61 | 71448 | 1 | 4 | D | | | |
| triflumizole | 2.35E+04 | | 28 | 65980 | 1 | 4 | | | | |
| trifluralin | 1.18E+05 | | 102 | 52729 | 3 | 4 | | | | |
| triforine | 1.60E+02 | | 71 | 70519 | 1 | | d | | | |
| uniconazole-p | 5.88E+03 | a | 1 | 119161 | 1 | | | | | |
| vernolate | 6.60E+03 | | 18 | 50686 | 1 | 4 | | | | |

## OCTANOL-WATER COEFFICIENT (Kow)

| Active Ingredient | Kow Coef | R | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|
| vinclozolin | 1.05E+03 | | 46 | 64110 | 1 | 4 | | | | |
| ziram | 1.22E+01 | | 40 | 56560 | 1 | 4 | | | | |

358 rows selected.

## IV. HYDROLYSIS HALF-LIFE

Column Heading Key

t½
days = Hydrolysis half-life in days

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 00573 | 3.100 | | 30 | 7.0 | 23 | 50506 | 1 | | |
| | 00573 | 11.300 | | 20 | 7.0 | 23 | 50506 | 2 | | |
| | 00573 | 3.100 | | 30 | 5.0 | 23 | 50506 | 4 | | |
| | 00573 | 51.000 | | 10 | 7.0 | 23 | 50506 | 3 | | |
| | 00573 | 11.300 | | 20 | 9.0 | 23 | 50506 | 7 | | |
| | 00573 | 51.000 | | 10 | 9.0 | 23 | 50506 | 9 | | |
| | 00573 | 51.000 | | 10 | 5.0 | 23 | 50506 | 8 | | |
| | 00573 | 11.300 | | 20 | 5.0 | 23 | 50506 | 6 | | |
| | 00573 | 3.100 | | 30 | 9.0 | 23 | 50506 | 5 | | |
| 2,4-D | 00636 | 32.000 | | 25 | 5.0 | 121 | 73144 | 3 | a | |
| | 00636 | 34.000 | g | 25 | 9.0 | 121 | 73144 | 5 | a | |
| | 00636 | 30.000 | | 25 | 7.0 | 121 | 73144 | 4 | a | |
| | 00636 | 99.700 | a | 25 | 5.0 | 6 | 122476 | 7 | f | g |
| | 00636 | 48.300 | | 25 | 7.0 | 6 | 122476 | 8 | f | g |
| | 00636 | 52.200 | a | 25 | 9.0 | 6 | 122476 | 9 | f | g |
| 2,4-D Isooctyl Ester | 00809 | 196.000 | | 24 | 5.0 | 11 | 91052 | 1 | a | 1 |
| | 00809 | .892 | | 24 | 7.0 | 11 | 91052 | 2 | a | |
| | 00809 | .038 | | 24 | 9.0 | 11 | 91052 | 3 | a | |
| 4(2,4-db), dimethylamine | 00838 | 527.000 | | 25 | 5.0 | 6 | 68980 | 1 | f | |
| | 00838 | 35.000 | g | 25 | 7.0 | 6 | 68980 | 2 | f | a |
| | 00838 | 2690.000 | | 25 | 9.0 | 6 | 68980 | 3 | f | |
| DDVP | 00187 | 12.500 | | 25 | 5.0 | 108 | 95647 | 1 | | |
| | 00187 | 5.770 | | 25 | 7.0 | 108 | 95647 | 2 | | |
| | 00187 | .892 | | 25 | 9.0 | 108 | 95647 | 3 | | |
| EPTC | 00264 | 30.000 | g | 25 | 5.0 | 68 | 52432 | 3 | | |
| | 00264 | 30.000 | g | 25 | 7.0 | 68 | 52432 | 4 | | |
| | 00264 | 30.000 | g | 40 | 5.0 | 68 | 52432 | 6 | | |
| | 00264 | 30.000 | g | 25 | 9.0 | 68 | 52432 | 5 | | |
| | 00264 | 30.000 | g | 40 | 7.0 | 68 | 52432 | 7 | | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| EPTC | 00264 | 30.000 g | 40 | 9.0 | 68 | 52432 | 8 | | |
| MCPA, dimethlamine salt | 00786 | 30.000 G | 70 | 5.0 | 5 | 52227 | 1 | | |
| | 00786 | 30.000 G | 70 | 7.0 | 5 | 52227 | 2 | | |
| | 00786 | 30.000 G | 70 | 9.0 | 5 | 52227 | 3 | | |
| acephate | 01685 | 325.000 | 25 | 5.0 | 207 | 71879 | 7 | 1 | f |
| | 01685 | 18.000 | 25 | 9.0 | 207 | 71879 | 9 | f | g |
| | 01685 | 169.000 | 25 | 7.0 | 207 | 71879 | 8 | 1 | f |
| acifluorfen, sodium salt | 02218 | 56.000 g | 25 | 4.5 | 45 | 53461 | 2 | | |
| | 02218 | 56.000 g | 48 | 9.7 | 45 | 53461 | 10 | | |
| | 02218 | 56.000 g | 48 | 7.2 | 45 | 53461 | 9 | | |
| | 02218 | 56.000 g | 48 | 4.5 | 45 | 53461 | 8 | | |
| | 02218 | 56.000 g | 25 | 7.2 | 45 | 53461 | 3 | | |
| | 02218 | 56.000 g | 25 | 9.7 | 45 | 53461 | 4 | | |
| | 02218 | 56.000 g | 36 | 4.5 | 45 | 53461 | 5 | | |
| | 02218 | 56.000 g | 36 | 9.7 | 45 | 53461 | 7 | | |
| | 02218 | 56.000 g | 36 | 7.2 | 45 | 53461 | 6 | | |
| acrolein | 00003 | 3.670 | 25 | 5.4 | 20 | 65502 | 5 | 1 | |
| | 00003 | 1.380 | 25 | 7.2 | 20 | 65502 | 6 | 1 | |
| | 00003 | .875 | 25 | 8.9 | 20 | 65502 | 7 | 1 | |
| | 00003 | 1.420 | 25 | 7.2 | 24 | 69108 | 9 | 1 | d |
| | 00003 | .881 | 25 | 8.9 | 24 | 69108 | 10 | 1 | d |
| | 00003 | 3.990 | 25 | 5.3 | 24 | 69108 | 8 | 1 | d |
| alachlor | 00678 | 30.000 g | 25 | 3.0 | 96 | 47599 | 10 | | |
| | 00678 | 30.000 g | 25 | 6.0 | 96 | 47599 | 11 | | |
| | 00678 | 30.000 g | 25 | 7.0 | 96 | 47599 | 13 | | |
| | 00678 | 30.000 g | 25 | | 96 | 47599 | 14 | | |
| | 00678 | 30.000 g | 25 | 9.0 | 96 | 47599 | 12 | | |
| aldicarb | 00575 | 28.000 G | 25 | 5.0 | 95 | 49672 | 19 | g | d |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| aldicarb | 00575 | 28.000 | G | 25 | 7.0 | 95 | 49672 | 20 | g | d |
| | 00575 | 74.700 | | 25 | 9.0 | 95 | 49673 | 24 | g | f |
| | 00575 | 80.000 | | 25 | 9.0 | 95 | 49672 | 26 | d | f |
| ametryne | 00018 | 28.000 | G | 50 | 5.0 | 7 | 34636 | 3 | | |
| | 00018 | 28.000 | G | 50 | 7.0 | 7 | 34636 | 4 | | |
| | 00018 | 28.000 | G | 50 | 9.0 | 7 | 34636 | 5 | | |
| | 00018 | 28.000 | g | 30 | 7.0 | 7 | 54636 | 12 | a | |
| | 00018 | 28.000 | g | 30 | 5.0 | 7 | 54636 | 11 | a | |
| | 00018 | 28.000 | g | 70 | 9.0 | 7 | 54636 | 16 | a | |
| | 00018 | 28.000 | g | 70 | 7.0 | 7 | 54636 | 15 | a | |
| | 00018 | 28.000 | g | 70 | 5.0 | 7 | 54636 | 14 | a | |
| | 00018 | 28.000 | g | 30 | 9.0 | 7 | 54636 | 13 | a | |
| amitraz | 02016 | .975 | | 25 | 5.0 | 55 | 52909 | 1 | | |
| | 02016 | .040 | | 22 | 5.0 | 55 | 52909 | 4 | | |
| | 02016 | .646 | | 22 | 7.0 | 55 | 52909 | 5 | | |
| | 02016 | 1.330 | | 22 | 9.2 | 55 | 52909 | 6 | | |
| | 02016 | .022 | | 25 | 9.2 | 55 | 52909 | 3 | | |
| | 02016 | 15.538 | | 25 | 7.1 | 55 | 52909 | 2 | | |
| amitrole | 00020 | 34.000 | g | 25 | 5.0 | 34 | 49526 | 2 | f | d |
| | 00020 | 34.000 | g | 25 | 9.0 | 34 | 49526 | 4 | f | d |
| | 00020 | 34.000 | g | 25 | 7.0 | 34 | 49526 | 3 | f | d |
| anilazine | 00256 | 19.100 | | 25 | 7.0 | 64 | 65683 | 1 | f | |
| | 00256 | 1.250 | | 25 | 9.0 | 64 | 65683 | 2 | f | d |
| | 00256 | 10.300 | | 25 | 5.0 | 64 | 65683 | 3 | f | |
| atrazine | 00045 | 30.000 | g | 25 | 5.0 | 111 | 69647 | 12 | | |
| | 00045 | 30.000 | g | 25 | 7.0 | 111 | 69647 | 13 | | |
| | 00045 | 30.000 | g | 25 | 9.0 | 111 | 69647 | 14 | | |
| avermectin | 02254 | 382.000 | | 25 | 5.0 | 44 | 46734 | 1 | f | a |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| avermectin | 02254 | 407.000 | | 25 | 9.0 | 44 | 46734 | 3 | f | a |
| | 02254 | | | 25 | 7.0 | 44 | 46734 | 2 | f | d |
| azinphosmethyl | 00314 | 17.300 | | 30 | 5.0 | 159 | 49797 | 2 | | |
| | 00314 | 10.000 | | 30 | 7.0 | 159 | 49797 | 3 | | |
| | 00314 | 39.000 | b | 30 | 4.0 | 159 | 49798 | 5 | | |
| | 00314 | 25.000 | h | 30 | 7.0 | 159 | 49798 | 8 | | |
| | 00314 | 2.500 | h | 30 | 9.0 | 159 | 49798 | 10 | | |
| | 00314 | 23.000 | b | 30 | 7.0 | 159 | 49798 | 7 | | |
| | 00314 | 42.000 | h | 30 | 4.0 | 159 | 49798 | 6 | | |
| | 00314 | .500 | | 30 | 9.0 | 159 | 49797 | 4 | | |
| | 00314 | 2.200 | b | 30 | 9.0 | 159 | 49798 | 9 | | |
| baythroid | 02223 | 2.000 | l | 25 | 9.0 | 57 | 49824 | 3 | | |
| | 02223 | 193.000 | | 25 | 7.0 | 57 | 49824 | 4 | 1 | |
| | 02223 | 35.000 | g | 25 | 5.0 | 57 | 49824 | 5 | | |
| bendiocarb | 01924 | 46.500 | | 25 | 5.0 | 63 | 71860 | 11 | f | |
| | 01924 | .030 | | 25 | 9.0 | 63 | 71860 | 13 | f | |
| | 01924 | 2.020 | | 25 | 7.0 | 63 | 71860 | 12 | f | |
| benefin | 00053 | 30.000 | g | 26 | 5.0 | 23 | 53022 | 4 | a | f |
| | 00053 | 30.000 | g | 26 | 7.0 | 23 | 53022 | 5 | a | d |
| | 00053 | 30.000 | g | 26 | 9.0 | 23 | 53022 | 6 | a | f |
| benomyl | 01552 | .063 | | 25 | 7.0 | 92 | 48403 | 8 | | |
| | 01552 | .042 | L | 25 | 9.0 | 92 | 48403 | 9 | d | |
| | 01552 | .146 | | 25 | 5.0 | 92 | 48403 | 7 | | |
| bensulide | 00070 | 230.000 | | 25 | 5.0 | 32 | 52357 | 4 | | |
| | 00070 | 26.900 | | 40 | 9.0 | 32 | 52357 | 9 | | |
| | 00070 | 27.000 | | 40 | 7.0 | 32 | 52357 | 8 | | |
| | 00070 | 220.000 | | 25 | 7.0 | 32 | 52357 | 5 | | |
| | 00070 | 27.700 | | 40 | 5.0 | 32 | 52357 | 7 | | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| bensulide | 00070 | 220.000 | | 25 | 9.0 | 32 | 52357 | 6 | | |
| bentazon | 01944 | 30.000 | g | 25 | 5.0 | 50 | 55000 | 4 | | |
| | 01944 | 30.000 | g | 25 | 7.0 | 50 | 55000 | 5 | | |
| | 01944 | 30.000 | g | 25 | 9.0 | 50 | 55000 | 6 | | |
| | 01944 | 30.000 | g | 25 | 9.0 | 50 | 55000 | 7 | | |
| bifenthrin | 02300 | | | 25 | 5.0 | 8 | 36617 | 1 | a | f |
| | 02300 | | | 25 | 5.0 | 8 | 36617 | 2 | a | f |
| | 02300 | | | 25 | 5.0 | 8 | 36617 | 3 | a | f |
| bromacil | 00083 | 30.000 | G | 25 | 5.0 | 30 | 70000 | 12 | | |
| | 00083 | 30.000 | G | 25 | 7.0 | 30 | 70000 | 16 | a | F |
| | 00083 | 30.000 | G | 25 | 9.0 | 30 | 70000 | 17 | a | F |
| | 00083 | 30.000 | G | 25 | 5.0 | 30 | 70000 | 15 | a | F |
| | 00083 | 30.000 | G | 25 | 7.0 | 30 | 70000 | 13 | | |
| | 00083 | 30.000 | G | 25 | 9.0 | 30 | 70000 | 14 | | |
| bromoxynil -butyrate | 02163 | 44.000 | | 23 | 5.0 | 1 | 49739 | 2 | | |
| | 02163 | 52.000 | | 23 | 7.0 | 1 | 49739 | 3 | | |
| | 02163 | 1.100 | | 23 | 9.0 | 1 | 49739 | 4 | | |
| bromoxynil -octanonate | 00834 | 43.000 | | 25 | 5.0 | 1 | 49738 | 2 | | |
| | 00834 | 28.000 | | 23 | 7.0 | 1 | 49739 | 6 | | |
| | 00834 | 1.500 | | 23 | 9.0 | 1 | 49739 | 7 | | |
| | 00834 | 43.000 | | 23 | 5.0 | 1 | 49739 | 5 | | |
| | 00834 | 28.000 | | 25 | 7.0 | 1 | 49739 | 3 | | |
| | 00834 | 1.500 | | 25 | 9.0 | 1 | 49739 | 4 | | |
| butylate | 00565 | 660.000 | | 25 | 5.0 | 39 | 63705 | 1 | 1 | |
| | 00565 | 788.000 | | 25 | 9.0 | 39 | 63705 | 3 | 1 | |
| | 00565 | 250.000 | | 40 | 7.0 | 39 | 63705 | 5 | 1 | |
| | 00565 | 403.000 | | 40 | 9.0 | 39 | 63705 | 6 | 1 | |
| | 00565 | 335.000 | | 40 | 5.0 | 39 | 63705 | 4 | 1 | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| butylate | 00565 | 533.000 | | 25 | 7.0 | 39 | 63705 | 2 | 1 | |
| cacodylic acid | 00032 | 35.000 | g | 25 | 5.0 | 19 | 62675 | 1 | a | |
| | 00032 | 35.000 | g | 25 | 7.0 | 19 | 62675 | 2 | a | |
| | 00032 | 35.000 | g | 25 | 9.0 | 19 | 62675 | 3 | a | |
| captan | 00104 | .488 | | 25 | 5.0 | 249 | 90062 | 29 | f | g |
| carbaryl | 00105 | 12.400 | | 25 | 7.0 | 218 | 92535 | 48 | t | f |
| | 00105 | .134 | l | 25 | 9.0 | 218 | 92535 | 51 | t | f |
| | 00105 | 11.600 | | 25 | 7.0 | 218 | 92535 | 50 | t | f |
| | 00105 | 1230.000 | g | 25 | 5.0 | 218 | 92535 | 49 | a | t |
| carbofuran | 00106 | 1560.000 | | 25 | 5.0 | 134 | 73399 | 38 | q | g |
| chloramben | 02184 | 365.000 | g | 25 | 3.0 | 3 | 49519 | 1 | | |
| | 02184 | 30.000 | G | 35 | 10.0 | 3 | 49519 | 7 | | |
| | 02184 | 365.000 | g | 25 | 7.0 | 3 | 49519 | 2 | | |
| | 02184 | 365.000 | G | 35 | 3.0 | 3 | 49519 | 5 | | |
| | 02184 | 365.000 | g | 25 | 10.0 | 3 | 49519 | 3 | | |
| | 02184 | 365.000 | G | 35 | 7.0 | 3 | 49519 | 6 | | |
| chlorophacinone | 01625 | 45.000 | g | 22 | 5.4 | 9 | 57905 | 1 | | |
| | 01625 | 45.000 | g | 22 | 7.0 | 9 | 57905 | 2 | | |
| | 01625 | 45.000 | g | 22 | 9.0 | 9 | 57905 | 3 | | |
| chloropicrin | 00136 | 4910.000 | | 25 | 5.2 | 36 | 74227 | 6 | f | 1 |
| | 00136 | | | 25 | 5.0 | 36 | 74227 | 10 | a | |
| | 00136 | | | 25 | 7.0 | 36 | 74227 | 12 | a | |
| | 00136 | 1430.000 | | 25 | 9.2 | 36 | 74227 | 9 | f | 1 |
| | 00136 | 354.000 | | 25 | 7.0 | 36 | 74227 | 8 | f | 1 |
| | 00136 | 28.000 | g | 25 | 7.1 | 36 | 74227 | 7 | f | a |
| | 00136 | | | 25 | 9.0 | 36 | 74227 | 11 | a | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| chlorothalonil | 00677 | 49.000 | g | 22 | 5.0 | 134 | 53200 | 9 | d | f |
| | 00677 | 49.000 | g | 22 | 7.0 | 134 | 53200 | 10 | d | f |
| | 00677 | 37.900 | | 22 | 9.0 | 134 | 53200 | 11 | d | f |
| chlorpropham | 00141 | 361.000 | | 40 | 4.0 | 27 | 50134 | 5 | 1 | |
| | 00141 | 300.000 | a | 40 | 4.0 | 27 | 50134 | 11 | 1 | |
| | 00141 | 330.000 | a | 40 | 9.0 | 27 | 50134 | 13 | 1 | |
| | 00141 | 229.000 | | 7 | 7.0 | 27 | 50134 | 26 | 1 | |
| | 00141 | 1610.000 | | 7 | 4.0 | 27 | 50134 | 25 | 1 | |
| | 00141 | 235.000 | | 7 | 9.0 | 27 | 50134 | 30 | 1 | |
| | 00141 | 1930.000 | | 7 | 7.0 | 27 | 50134 | 29 | 1 | |
| | 00141 | 602.000 | | 7 | 4.0 | 27 | 50134 | 28 | 1 | |
| | 00141 | 344.000 | | 7 | 9.0 | 27 | 50134 | 27 | 1 | |
| | 00141 | 250.000 | a | 40 | 7.0 | 27 | 50134 | 12 | 1 | |
| | 00141 | 401.000 | | 40 | 9.0 | 27 | 50134 | 10 | 1 | |
| | 00141 | 228.000 | | 40 | 9.0 | 27 | 50134 | 7 | 1 | |
| | 00141 | 243.000 | | 40 | 4.0 | 27 | 50134 | 8 | 1 | |
| | 00141 | 306.000 | | 40 | 7.0 | 27 | 50134 | 9 | 1 | |
| | 00141 | 172.000 | | 40 | 7.0 | 27 | 50134 | 6 | 1 | |
| chlorpyrifos | 00253 | 72.800 | | 25 | 5.0 | 292 | 52345 | 9 | e | 1 |
| | 00253 | 72.100 | | 25 | 7.0 | 292 | 52345 | 10 | e | 1 |
| | 00253 | 29.400 | | 25 | 9.0 | 292 | 52345 | 11 | e | 1 |
| chlorsulfuron | 02143 | 7.000 | | 20 | 4.0 | 37 | 66089 | 6 | d | |
| | 02143 | 22.800 | | 25 | 5.0 | 37 | 66089 | 9 | a | d |
| | 02143 | 22.800 | | 25 | 5.0 | 37 | 66089 | 11 | d | e |
| | 02143 | 95.000 | | 25 | 9.0 | 37 | 66089 | 13 | d | e |
| | 02143 | 1230.000 | | 25 | 7.0 | 37 | 66089 | 12 | d | e |
| | 02143 | 160.000 | | 20 | 9.0 | 37 | 66089 | 17 | d | e |
| | 02143 | 2650.000 | | 20 | 7.0 | 37 | 66089 | 16 | d | e |
| | 02143 | 45.800 | | 20 | 5.0 | 37 | 66089 | 15 | d | e |
| | 02143 | 6.200 | | 20 | 4.0 | 37 | 66089 | 14 | d | e |
| | 02143 | 3.100 | | 25 | 4.0 | 37 | 66089 | 10 | d | e |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| chlorsulfuron | 02143 | 28.000 | g | 20 | 9.0 | 37 | 66089 | 8 | a | d |
| | 02143 | 28.000 | g | 20 | 7.0 | 37 | 66089 | 7 | a | d |
| chlorthal dimethyl | 00179 | 36.000 | g | 25 | 5.0 | 16 | 53298 | 1 | | |
| cimectacarb | 02345 | 228.000 | | 25 | 5.0 | 8 | 97750 | 1 | | |
| | 02345 | 456.000 | | 25 | 7.0 | 8 | 97750 | 2 | | |
| | 02345 | 8.100 | | 25 | 9.0 | 8 | 97750 | 3 | | |
| clethodim | 03566 | 23.600 | a | 25 | 5.0 | 110 | 131267 | 25 | | |
| | 03566 | 30.000 | g | 25 | 7.0 | 110 | 131267 | 26 | a | |
| | 03566 | 30.000 | g | 25 | 9.0 | 110 | 131267 | 27 | a | |
| clofentezine | 02249 | 10.400 | | 22 | 5.0 | 14 | 49943 | 1 | 4 | F |
| | 02249 | 1.430 | | 22 | 7.0 | 14 | 49943 | 2 | 4 | F |
| | 02249 | .180 | | 22 | 9.2 | 14 | 49943 | 3 | 4 | F |
| coumaphos | 00165 | 290.000 | | 25 | 5.0 | 53 | 69608 | 1 | f | 1 |
| | 00165 | 729.000 | | 25 | 7.0 | 53 | 69608 | 2 | f | 1 |
| | 00165 | 112.000 | | 25 | 9.0 | 53 | 69608 | 3 | f | 1 |
| cyanazine | 01640 | 148.000 | | 25 | 5.0 | 59 | 50030 | 8 | 1 | f |
| | 01640 | 3680.000 | | 25 | 7.0 | 59 | 50030 | 9 | f | 1 |
| | 01640 | 3840.000 | | 25 | 9.0 | 59 | 50030 | 10 | f | 1 |
| cycloate | 00516 | 30.000 | G | 25 | 5.0 | 25 | 51552 | 1 | | |
| | 00516 | 30.000 | G | 25 | 9.0 | 25 | 51552 | 3 | | |
| | 00516 | 30.000 | G | 40 | 5.0 | 25 | 51552 | 4 | | |
| | 00516 | 30.000 | G | 40 | 9.0 | 25 | 51552 | 6 | | |
| | 00516 | 30.000 | G | 40 | 7.0 | 25 | 51552 | 5 | | |
| | 00516 | 30.000 | G | 25 | 7.0 | 25 | 51552 | 2 | | |
| cyhexatin | 01638 | 28.000 | g | 25 | 5.0 | 30 | 52370 | 2 | | |
| | 01638 | 28.000 | g | 25 | 7.0 | 30 | 52370 | 3 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| cyhexatin | 01638 | 28.000 | g | 25 | 9.0 | 30 | 52370 | 4 | | |
| cypermethrin | 02171 | 200.000 | | 25 | 7.0 | 56 | 51462 | 2 | 1 | |
| | 02171 | | | 45 | 4.0 | 56 | 51462 | 15 | g | f |
| | 02171 | 7.670 | | 25 | 9.0 | 56 | 51462 | 14 | g | f |
| | 02171 | | | 45 | 9.0 | 56 | 51462 | 17 | g | f |
| | 02171 | 14.400 | | 45 | 7.0 | 56 | 51462 | 16 | g | f |
| | 02171 | 29.000 | g | 25 | 4.0 | 56 | 51462 | 8 | | |
| | 02171 | 4.000 | a | 25 | 9.0 | 56 | 51462 | 10 | | |
| | 02171 | 826.000 | | 25 | 4.0 | 56 | 51462 | 12 | g | f |
| | 02171 | 910.000 | | 25 | 7.0 | 56 | 51462 | 13 | g | f |
| | 02171 | 29.000 | g | 25 | 7.0 | 56 | 51462 | 9 | | |
| | 02171 | 3.400 | | 25 | 9.0 | 56 | 51462 | 3 | | |
| cyromazine | 02286 | 28.000 | G | 30 | 5.0 | 24 | 902663 | 1 | A | |
| | 02286 | 845.000 | | 50 | 5.0 | 24 | 902663 | 4 | A | 1 |
| | 02286 | 799.000 | | 50 | 7.0 | 24 | 902663 | 5 | A | 1 |
| | 02286 | 28.000 | G | 70 | 5.0 | 24 | 902663 | 7 | A | |
| | 02286 | 28.000 | G | 70 | 9.0 | 24 | 902663 | 9 | A | |
| | 02286 | 447.000 | | 70 | 7.0 | 24 | 902663 | 8 | A | 1 |
| | 02286 | 28.000 | G | 50 | 9.0 | 24 | 902663 | 6 | A | |
| | 02286 | 28.000 | G | 30 | 7.0 | 24 | 902663 | 2 | A | |
| | 02286 | 28.000 | G | 30 | 9.0 | 24 | 902663 | 3 | A | |
| daminozide | 00007 | 41.000 | | 25 | 1.0 | 16 | 48162 | 2 | | |
| | 00007 | 30.000 | g | 25 | 5.0 | 16 | 48162 | 3 | | |
| | 00007 | 30.000 | g | 25 | 9.0 | 16 | 48162 | 5 | | |
| | 00007 | 30.000 | g | 25 | 7.0 | 16 | 48162 | 4 | | |
| dazomet | 00233 | .363 | | 25 | 3.0 | 9 | 64116 | 1 | f | |
| | 00233 | .146 | | 25 | 7.0 | 9 | 64116 | 3 | f | |
| | 00233 | .204 | | 25 | 9.0 | 9 | 64116 | 4 | f | |
| | 00233 | .242 | | 25 | 5.0 | 9 | 64116 | 2 | f | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| desmedipham | 01748 | 69.800 | | 22 | 5.0 | 38 | 53045 | 6 | f | 4 |
| | 01748 | .817 | | 22 | 7.0 | 38 | 53045 | 7 | f | 4 |
| | 01748 | .007 | | 22 | 9.0 | 38 | 53045 | 8 | f | 4 |
| | 01748 | .004 | | 22 | 9.0 | 38 | 53046 | 9 | d | |
| diazinon | 00198 | 12.400 | | 24 | 5.0 | 187 | 71880 | 15 | f | 4 |
| | 00198 | 138.000 | | 24 | 7.0 | 187 | 71880 | 16 | f | 1 |
| | 00198 | 76.700 | | 24 | 9.0 | 187 | 71880 | 17 | f | 1 |
| dicamba | 00200 | 30.000 | g | 25 | 5.0 | 55 | 50421 | 13 | | |
| | 00200 | 30.000 | g | 25 | 7.0 | 55 | 50421 | 14 | | |
| | 00200 | 30.000 | g | 25 | | 55 | 50421 | 16 | | |
| | 00200 | 104.000 | | 35 | | 55 | 50421 | 17 | | |
| | 00200 | 30.000 | g | 25 | 9.0 | 55 | 50421 | 15 | | |
| dichlobenil | 00112 | 2230.000 | | 20 | 5.0 | 33 | 66688 | 11 | f | |
| | 00112 | 1810.000 | | 22 | 7.0 | 33 | 66688 | 12 | f | |
| | 00112 | 1260.000 | | 20 | 9.0 | 33 | 66688 | 13 | f | |
| dichloran | 00081 | 72.000 | g | 25 | 5.0 | 30 | 52830 | 1 | | |
| | 00081 | 72.000 | g | 25 | 7.0 | 30 | 52830 | 2 | | |
| | 00081 | 72.000 | g | 25 | 9.0 | 30 | 52830 | 3 | | |
| diclofop-methyl | 02034 | 245.000 | | 21 | 5.0 | 59 | 48793 | 1 | e | |
| | 02034 | 21.400 | | 21 | 7.0 | 59 | 48793 | 4 | e | |
| | 02034 | 10.400 | | 70 | 5.0 | 59 | 48793 | 3 | e | |
| | 02034 | .030 | | 50 | 9.0 | 59 | 48793 | 8 | | |
| | 02034 | .930 | | 21 | 9.0 | 59 | 48793 | 7 | | |
| | 02034 | 1.180 | | 50 | 7.0 | 59 | 48793 | 6 | | |
| | 02034 | 2.900 | | 40 | 7.0 | 59 | 48793 | 5 | e | |
| | 02034 | 33.600 | | 50 | 5.0 | 59 | 48793 | 2 | e | |
| dicofol | 00346 | 107.000 | G | 25 | 5.0 | 67 | 58700 | 17 | 4 | 1 |
| | 00346 | .015 | | 25 | 9.0 | 67 | 58700 | 20 | 1 | 4 |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| dicofol | 00346 | 2.140 | | 25 | 7.0 | 67 | 58700 | 18 | 1 | 4 |
| | 00346 | 3.360 | | 25 | 7.0 | 67 | 58700 | 19 | 4 | d |
| dicrotophos | 00072 | 117.000 | | 25 | 5.0 | 20 | 49094 | 1 | 1 | |
| | 00072 | 72.000 | | 25 | 7.0 | 20 | 49094 | 2 | 1 | |
| | 00072 | 28.000 | | 25 | 9.0 | 20 | 49094 | 3 | 1 | |
| dienochlor | 00468 | 184.000 | | 25 | 5.0 | 9 | 63707 | 1 | | |
| | 00468 | 30.500 | | 25 | 9.0 | 26 | 88797 | 3 | | |
| | 00468 | 93.400 | | 25 | 7.0 | 9 | 63707 | 2 | | |
| diethatyl ethyl | 01995 | 38.000 | | 25 | 5.0 | 42 | 52839 | 1 | | |
| | 01995 | 1.200 | | 25 | 9.0 | 42 | 52839 | 3 | | |
| | 01995 | .120 | | 55 | 9.0 | 42 | 52839 | 6 | | |
| | 01995 | 42.000 | g | 25 | 5.0 | 42 | 52838 | 8 | | |
| | 01995 | 1.300 | | 25 | 9.0 | 42 | 52838 | 10 | | |
| | 01995 | 6.400 | | 50 | 7.0 | 42 | 52838 | 12 | | |
| | 01995 | .110 | | 50 | 9.0 | 42 | 52838 | 13 | | |
| | 01995 | 42.000 | g | 50 | 5.0 | 42 | 52838 | 11 | | |
| | 01995 | 42.000 | g | 25 | 7.0 | 42 | 52838 | 9 | | |
| | 01995 | 1.700 | | 55 | 7.0 | 42 | 52839 | 5 | | |
| | 01995 | 9.500 | | 55 | 5.0 | 42 | 52839 | 4 | | |
| | 01995 | 23.000 | | 25 | 7.0 | 42 | 52839 | 2 | | |
| | 01995 | | | 25 | 7.0 | 42 | 52834 | 7 | | |
| difenzoquat methyl sulfat | 01930 | | | 25 | 5.0 | 57 | 87833 | 8 | g | f |
| | 01930 | | | 25 | 9.0 | 57 | 87833 | 10 | g | f |
| diflubenzuron | 01992 | 32.500 | | 25 | 9.0 | 104 | 71069 | 17 | f | 1 |
| | 01992 | 32.535 | | 25 | 9.0 | 104 | 71069 | 18 | d | |
| | 01992 | 257.700 | | 25 | 7.0 | 104 | 71069 | 20 | 1 | |
| | 01992 | 222.000 | | 25 | 5.0 | 104 | 71069 | 19 | 1 | |
| diiodomethyl-p-tolyl sulf | 02150 | 165.000 | a | 25 | 5.0 | 14 | 114529 | 2 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| diiodomethyl-p-tolyl sulf | 02150 | 46.500 | a | 25 | 9.0 | 14 | 114529 | 3 | | d |
| dimethipin | 02159 | 60.000 | g | 25 | 3.0 | 24 | 48141 | 2 | | |
| | 02159 | 60.000 | g | 25 | 9.0 | 24 | 48141 | 4 | | |
| | 02159 | 60.000 | g | 25 | 6.0 | 24 | 48141 | 3 | | |
| dimethoate | 00216 | 4.400 | | 25 | 9.0 | 57 | 54630 | 9 | | |
| | 00216 | 68.000 | | 25 | 7.0 | 57 | 54630 | 10 | 1 | |
| | 00216 | 156.000 | | 25 | 5.0 | 61 | 66081 | 15 | f | |
| | 00216 | 67.700 | | 25 | 7.0 | 61 | 66081 | 14 | f | |
| | 00216 | 4.300 | | 25 | 9.0 | 61 | 66081 | 13 | f | |
| | 00216 | 156.000 | | 25 | 5.0 | 57 | 54630 | 11 | 1 | |
| dinoseb | 00238 | 30.000 | | 25 | 5.0 | 28 | 48219 | 5 | | |
| diphenamid | 00226 | 2.000 | g | 25 | 1.0 | 28 | 53072 | 4 | | |
| | 00226 | 365.000 | G | 49 | 9.0 | 28 | 53072 | 17 | 1 | |
| | 00226 | 365.000 | G | 49 | 7.0 | 28 | 53072 | 16 | 1 | |
| | 00226 | 365.000 | G | 49 | 5.0 | 28 | 53072 | 15 | 1 | |
| | 00226 | 365.000 | G | 25 | 13.0 | 28 | 53072 | 14 | 1 | |
| | 00226 | 365.000 | G | 25 | 1.0 | 28 | 53072 | 13 | 1 | |
| | 00226 | 10.000 | g | 49 | 7.0 | 28 | 53072 | 7 | | |
| | 00226 | 10.000 | g | 49 | 9.0 | 28 | 53072 | 8 | | |
| | 00226 | 31.000 | g | 25 | 5.0 | 28 | 53073 | 9 | | |
| | 00226 | 31.000 | g | 25 | 9.0 | 28 | 53073 | 11 | | |
| | 00226 | 31.000 | g | 25 | 7.0 | 28 | 53073 | 10 | | |
| | 00226 | 10.000 | g | 49 | 5.0 | 28 | 53072 | 6 | | |
| | 00226 | 2.000 | g | 25 | 13.0 | 28 | 53072 | 5 | | |
| diquat dibromide | 00229 | 30.000 | G | 25 | 5.0 | 42 | 53943 | 1 | | |
| | 00229 | 30.000 | G | 25 | 9.0 | 42 | 53943 | 3 | | |
| | 00229 | 30.000 | G | 25 | 7.0 | 42 | 53943 | 2 | | |
| disulfoton | 00230 | 30.000 | | 40 | 4.0 | 148 | 49581 | 3 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| disulfoton | 00230 | 22.700 | | 40 | 9.0 | 148 | 49581 | 15 | | |
| | 00230 | 23.200 | | 40 | 7.0 | 148 | 49581 | 14 | | |
| | 00230 | 30.000 | | 40 | 4.0 | 148 | 49581 | 13 | | |
| | 00230 | 231.000 | | 20 | 9.0 | 148 | 49581 | 12 | | |
| | 00230 | 1174.000 | g | 20 | 4.0 | 148 | 49581 | 6 | | |
| | 00230 | 30.000 | g | 20 | 7.0 | 148 | 49581 | 7 | | |
| | 00230 | 30.000 | g | 20 | 9.0 | 148 | 49581 | 8 | | |
| | 00230 | 323.000 | | 20 | 7.0 | 148 | 49581 | 11 | | |
| | 00230 | 1170.000 | | 20 | 4.0 | 148 | 49581 | 10 | | |
| | 00230 | 22.700 | | 40 | 9.0 | 148 | 49581 | 5 | | |
| | 00230 | 23.200 | | 40 | 7.0 | 148 | 49581 | 4 | | |
| diuron | 00231 | 1490.000 | | 25 | 5.0 | 40 | 90050 | 10 | F | A |
| | 00231 | 1330.000 | | 25 | 7.0 | 40 | 90050 | 11 | F | A |
| | 00231 | 2020.000 | | 25 | 9.0 | 40 | 90050 | 13 | F | A |
| | 00231 | 1240.000 | | 25 | 7.0 | 40 | 90050 | 12 | F | N |
| dodemorph | 02120 | 2320.000 | | 24 | 5.0 | 14 | 85019 | 1 | a | 1 |
| | 02120 | 3810.000 | | 24 | 7.0 | 14 | 85019 | 2 | a | 1 |
| | 02120 | 1710.000 | | 24 | 9.0 | 14 | 85019 | 3 | a | 1 |
| endosulfan | 00259 | 30.000 | g | 25 | 5.0 | 63 | 74160 | 8 | j | f |
| | 00259 | 10.700 | | 25 | 7.0 | 63 | 74160 | 9 | j | f |
| | 00259 | .170 | | 25 | 9.0 | 63 | 74160 | 10 | j | f |
| | 00259 | 18.800 | | 25 | 7.0 | 63 | 74160 | 12 | j | f |
| | 00259 | .260 | | 25 | 9.0 | 63 | 74160 | 13 | j | f |
| | 00259 | 503.000 | | 25 | 5.0 | 63 | 74160 | 11 | j | f |
| endothall, disodium salt | 00260 | 36.000 | g | 22 | 1.0 | 42 | 55500 | 6 | a | |
| | 00260 | 36.000 | g | 22 | 11.0 | 42 | 55500 | 8 | a | |
| | 00260 | 36.000 | g | 22 | 7.0 | 42 | 55500 | 7 | a | |
| ethalfluralin | 02166 | 33.000 | g | 25 | 3.0 | 23 | | 1 | | |
| | 02166 | 33.000 | g | 25 | 6.0 | 23 | | 2 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| ethalfluralin | 02166 | 33.000 | | 25 | 3.0 | 23 | 52700 | 5 | | |
| | 02166 | 33.000 | | 25 | 9.0 | 23 | 52700 | 7 | | |
| | 02166 | 33.000 | | 39 | 6.0 | 23 | 52700 | 9 | | |
| | 02166 | 33.000 | | 39 | 3.0 | 23 | 52700 | 8 | | |
| | 02166 | 33.000 | | 51 | 9.0 | 23 | 52700 | 13 | | |
| | 02166 | 33.000 | | 51 | 6.0 | 23 | 52700 | 12 | | |
| | 02166 | 33.000 | g | 51 | 3.0 | 23 | 52700 | 11 | | |
| | 02166 | 33.000 | | 39 | 9.0 | 23 | 52700 | 10 | | |
| | 02166 | 33.000 | | 25 | 6.0 | 23 | 52700 | 6 | | |
| | 02166 | 33.000 | g | 25 | 9.0 | 23 | | 3 | | |
| ethephon | 01626 | 73.500 | | 25 | 5.0 | 97 | 91057 | 1 | f | g |
| | 01626 | 2.430 | | 25 | 7.0 | 97 | 91057 | 2 | f | g |
| | 01626 | .959 | | 25 | 9.0 | 97 | 91057 | 3 | f | g |
| ethion | 00268 | 30.000 | g | 25 | 5.0 | 65 | 51455 | 4 | | |
| | 00268 | 30.000 | g | 25 | 7.0 | 65 | 51455 | 5 | | |
| | 00268 | 17.800 | | 25 | 9.0 | 65 | 51455 | 7 | 1 | |
| | 00268 | 17.800 | | 25 | 9.0 | 65 | 51455 | 6 | 1 | |
| ethofumesate | 01900 | 2050.000 | | 25 | 5.0 | 65 | 52930 | 8 | 1 | |
| | 01900 | 3800.000 | | 35 | 9.0 | 65 | 52930 | 13 | 1 | |
| | 01900 | 36.000 | G | 35 | 7.0 | 65 | 52930 | 12 | | |
| | 01900 | 940.000 | | 35 | 5.0 | 65 | 52930 | 11 | 1 | |
| | 01900 | 4350.000 | | 25 | 9.0 | 65 | 52930 | 10 | 1 | |
| | 01900 | 2900.000 | | 25 | 7.0 | 65 | 52930 | 9 | 1 | |
| ethoprop | 00404 | 2.000 | | 25 | 9.0 | 82 | 90063 | 24 | f | g |
| | 00404 | 449.000 | | 25 | 7.0 | 82 | 90063 | 25 | a | f |
| | 00404 | 865.000 | | 25 | 5.0 | 82 | 90063 | 26 | a | f |
| fenamiphos | 01857 | 245.000 | | 25 | 5.0 | 116 | 59809 | 5 | 1 | |
| | 01857 | 247.500 | | 25 | 5.0 | 116 | 59809 | 8 | 1 | |
| | 01857 | 300.000 | | 25 | 7.0 | 116 | 59809 | 9 | 1 | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| fenamiphos | 01857 | 233.333 | | 25 | 9.0 | 116 | 59809 | 10 | 1 | |
| | 01857 | 235.000 | | 25 | 9.0 | 116 | 59809 | 7 | 1 | |
| | 01857 | 301.000 | | 25 | 7.0 | 116 | 59809 | 6 | 1 | |
| fenarimol | 01980 | 28.000 | G | 25 | 3.0 | 37 | 52914 | 1 | | |
| | 01980 | 28.000 | G | 37 | 9.0 | 37 | 52914 | 6 | | |
| | 01980 | 28.000 | G | 52 | 6.0 | 37 | 52914 | 8 | | |
| | 01980 | 28.000 | G | 52 | 9.0 | 37 | 52914 | 9 | | |
| | 01980 | 28.000 | G | 52 | 3.0 | 37 | 52914 | 7 | | |
| | 01980 | 28.000 | G | 37 | 6.0 | 37 | 52914 | 5 | | |
| | 01980 | 28.000 | G | 25 | 6.0 | 37 | 52914 | 2 | | |
| | 01980 | 28.000 | G | 37 | 3.0 | 37 | 52914 | 4 | | |
| | 01980 | 28.000 | G | 25 | 9.0 | 37 | 52914 | 3 | | |
| fenbutatin oxide | 01876 | 130.000 | g | 25 | 5.0 | 41 | 68694 | 1 | f | a |
| | 01876 | 57000.000 | | 25 | 9.0 | 41 | 68694 | 3 | f | d |
| | 01876 | 625.000 | | 25 | 7.0 | 41 | 68694 | 2 | f | |
| fenoxaprop-ethyl | 02311 | 37.500 | a | 25 | 5.0 | 68 | 123090 | 4 | | |
| | 02311 | 1.700 | a | 25 | 9.0 | 68 | 123090 | 6 | | |
| | 02311 | 75.100 | a | 25 | 7.0 | 68 | 123090 | 5 | | |
| fenoxycarb | 02283 | 51.000 | g | 50 | 3.0 | 16 | 67459 | 1 | d | a |
| | 02283 | 70.000 | g | 35 | 3.0 | 16 | 67459 | 4 | a | |
| | 02283 | 70.000 | g | 35 | 7.0 | 16 | 67459 | 5 | a | |
| | 02283 | 70.000 | g | 35 | 9.0 | 16 | 67459 | 6 | a | |
| | 02283 | 51.000 | g | 50 | 9.0 | 16 | 67459 | 3 | d | a |
| | 02283 | 51.000 | g | 50 | 7.0 | 16 | 67459 | 2 | d | a |
| fenpropathrin | 02234 | 295.000 | a | 25 | 5.0 | 102 | 120330 | 1 | b | |
| | 02234 | 30.000 | g | 25 | 5.0 | 102 | 120330 | 2 | b | a |
| | 02234 | 505.000 | a | 25 | 7.0 | 102 | 120330 | 3 | b | |
| | 02234 | 17.100 | a | 25 | 9.0 | 102 | 120330 | 5 | b | |
| | 02234 | 14.300 | a | 25 | 9.0 | 102 | 120330 | 6 | b | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| fenpropathrin | 02234 | 607.000 | a | 25 | 7.0 | 102 | 120330 | 4 | b | |
| fensulfothion | 00181 | 136.000 | | 24 | 5.0 | 86 | 59245 | 16 | | |
| | 00181 | 126.000 | | 24 | 9.0 | 86 | 59245 | 18 | | |
| | 00181 | 144.000 | | 24 | 7.0 | 86 | 59245 | 17 | | |
| fenthion | 00063 | 931.000 | | 5 | 5.0 | 62 | 49594 | 1 | | |
| | 00063 | 735.000 | | 5 | 9.0 | 62 | 49594 | 3 | | |
| | 00063 | 41.300 | | 25 | 7.0 | 62 | 49594 | 5 | | |
| | 00063 | 25.900 | | 40 | 5.0 | 62 | 49594 | 7 | | |
| | 00063 | 16.800 | | 40 | 9.0 | 62 | 49594 | 9 | | |
| | 00063 | 19.600 | | 40 | 7.0 | 62 | 49594 | 8 | | |
| | 00063 | 32.200 | | 25 | 9.0 | 62 | 49594 | 6 | | |
| | 00063 | 56.000 | | 25 | 5.0 | 62 | 49594 | 4 | | |
| | 00063 | 483.000 | | 5 | 7.0 | 62 | 49594 | 2 | | |
| fenvalerate | 01963 | 30.000 | g | 25 | 5.0 | 150 | 87543 | 2 | a | |
| | 01963 | 30.000 | g | 25 | 7.0 | 150 | 87543 | 3 | a | |
| | 01963 | 30.000 | g | 25 | 9.0 | 150 | 87543 | 4 | a | |
| fluazifop-butyl | 02186 | 172.000 | | 40 | 4.0 | 68 | 52409 | 11 | f | n |
| | 02186 | 181.000 | | 40 | 4.0 | 68 | 52409 | 12 | f | n |
| | 02186 | 30.000 | g | 15 | 4.0 | 68 | 52409 | 13 | a | f |
| | 02186 | 15.500 | | 40 | 7.0 | 68 | 52409 | 15 | f | n |
| | 02186 | 339.000 | | 15 | 7.0 | 68 | 52409 | 17 | f | n |
| | 02186 | 20.300 | | 40 | 7.0 | 68 | 52409 | 16 | f | n |
| | 02186 | 37.600 | | 40 | 6.0 | 68 | 52409 | 26 | n | d |
| | 02186 | 1.770 | | 15 | 9.0 | 68 | 52409 | 25 | f | n |
| | 02186 | .214 | | 40 | 9.0 | 68 | 52409 | 24 | f | n |
| | 02186 | 6.810 | | 15 | 9.0 | 68 | 52409 | 23 | f | n |
| | 02186 | 342.000 | | 15 | 6.0 | 68 | 52409 | 22 | n | d |
| | 02186 | 30.000 | g | 15 | 6.0 | 68 | 52409 | 21 | n | a |
| | 02186 | 37.400 | | 40 | 6.0 | 68 | 52409 | 20 | n | d |
| | 02186 | 7.890 | | 15 | 9.0 | 68 | 52409 | 19 | f | n |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| fluazifop-butyl | 02186 | 183.000 | 15 | 7.0 | 68 | 52409 | 18 | f | n |
| | 02186 | 325.000 | 15 | 4.0 | 68 | 52409 | 14 | f | n |
| fluometuron | 00166 | 880.000 | 20 | 5.0 | 14 | 53164 | 16 | 1 | |
| | 00166 | 123.000 | 30 | | 14 | 53164 | 20 | 1 | |
| | 00166 | 1.130 | 70 | | 14 | 53164 | 22 | 1 | |
| | 00166 | 207.000 | 30 | 7.0 | 14 | 53164 | 24 | 1 | |
| | 00166 | 1.000 | 70 | 9.0 | 14 | 53164 | 26 | 1 | |
| | 00166 | 309.000 | 30 | 9.0 | 14 | 53164 | 25 | 1 | |
| | 00166 | 430.000 | 20 | | 14 | 53164 | 31 | | |
| | 00166 | 580.000 | 20 | | 14 | 53164 | 30 | | |
| | 00166 | 1.000 | 70 | | 14 | 53164 | 29 | 1 | |
| | 00166 | 16.000 | 50 | | 14 | 53164 | 28 | 1 | |
| | 00166 | 94.000 | 30 | | 14 | 53164 | 27 | 1 | |
| | 00166 | 207.000 | 30 | 5.0 | 14 | 53164 | 23 | 1 | |
| | 00166 | 18.000 | 50 | | 14 | 53164 | 21 | 1 | |
| | 00166 | 1010.000 | 20 | 9.0 | 14 | 53164 | 18 | 1 | |
| | 00166 | 730.000 | 20 | 7.0 | 14 | 53164 | 17 | 1 | |
| fluridone | 02279 | | 50 | 3.0 | 31 | 70099 | 1 | a | f |
| | 02279 | 154.000 | 50 | | 31 | 70099 | 4 | f | |
| | 02279 | | 50 | | 31 | 70099 | 5 | f | a |
| | 02279 | 106.000 | 50 | 9.0 | 31 | 70099 | 3 | a | f |
| | 02279 | | 50 | 6.0 | 31 | 70099 | 2 | a | f |
| flurprimidol | 02320 | | 25 | 5.0 | 1 | 26359 | 1 | f | d |
| | 02320 | 473.000 | 25 | 9.0 | 1 | 26359 | 3 | f | a |
| | 02320 | 153000.000 | 25 | 7.0 | 1 | 26359 | 2 | f | d |
| flutolanil | 02305 | | 25 | 5.0 | 9 | 75716 | 1 | a | f |
| | 02305 | | 25 | 7.0 | 9 | 75716 | 2 | a | f |
| | 02305 | 2700.000 | 25 | 9.0 | 9 | 75716 | 3 | a | f |
| fluvalinate | 02195 | 48.000 | 25 | 5.0 | 92 | 85113 | 8 | 4 | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| fluvalinate | 02195 | 1.130 | | 25 | 9.0 | 92 | 85113 | 10 | 4 | |
| | 02195 | 38.500 | | 25 | 7.0 | 92 | 85113 | 9 | 4 | |
| fonofos | 00254 | 175.000 | | 40 | 7.0 | 29 | 59595 | 16 | 1 | |
| | 00254 | 18.200 | | 40 | 9.0 | 29 | 59595 | 17 | 1 | |
| | 00254 | 432.000 | | 25 | 7.0 | 29 | 59595 | 23 | 1 | |
| | 00254 | 227.000 | | 40 | 5.0 | 29 | 59595 | 25 | 1 | |
| | 00254 | 132.000 | | 25 | 9.0 | 29 | 59595 | 24 | 1 | |
| | 00254 | 435.000 | | 25 | 5.0 | 29 | 59595 | 22 | 1 | |
| formetanate HCl | 00111 | .083 | | 22 | 9.0 | 22 | 52992 | 9 | 1 | |
| | 00111 | 44.800 | | 25 | 5.0 | 22 | 52993 | 11 | 1 | |
| | 00111 | 62.500 | | 22 | 5.0 | 22 | 52992 | 12 | 1 | |
| | 00111 | .958 | | 22 | 7.0 | 22 | 52992 | 13 | 1 | |
| fosamine,ammonium salt | 01921 | 30.000 | G | 25 | 5.0 | 19 | 59812 | 1 | | |
| | 01921 | 30.000 | G | 25 | 7.0 | 19 | 59812 | 2 | | |
| | 01921 | 30.000 | G | 25 | 9.0 | 19 | 59812 | 3 | | |
| fosethyl -Al | 02210 | 30.000 | g | 70 | 6.0 | 32 | 53759 | 1 | a | |
| | 02210 | 30.000 | g | 22 | 6.0 | 32 | 53759 | 4 | a | |
| | 02210 | 30.000 | g | 22 | 9.0 | 32 | 53759 | 6 | a | |
| | 02210 | 13.400 | | 22 | 13.0 | 32 | 53759 | 8 | n | |
| | 02210 | 23.600 | | 22 | 1.2 | 32 | 53759 | 7 | n | |
| | 02210 | 30.000 | g | 22 | 3.0 | 32 | 53759 | 17 | a | |
| | 02210 | 30.000 | g | 70 | 5.0 | 32 | 53759 | 16 | a | |
| | 02210 | 30.000 | g | 70 | 3.0 | 32 | 53759 | 15 | a | |
| | 02210 | 30.000 | g | 22 | 5.0 | 32 | 53759 | 14 | a | |
| | 02210 | .410 | | 70 | 13.0 | 32 | 53759 | 13 | n | |
| | 02210 | .230 | | 70 | 1.2 | 32 | 53759 | 12 | n | |
| | 02210 | 2.800 | | 70 | 3.0 | 32 | 53759 | 11 | n | |
| | 02210 | 5.200 | | 22 | 3.0 | 32 | 53759 | 10 | n | |
| | 02210 | 4.700 | | 70 | 3.0 | 32 | 53759 | 9 | n | |
| | 02210 | 30.000 | g | 22 | 8.0 | 32 | 53759 | 5 | a | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| fosethyl -Al | 02210 | 30.000 | g | 70 | 9.0 | 32 | 53759 | 3 | a | |
| | 02210 | 30.000 | g | 70 | 8.0 | 32 | 53759 | 2 | a | |
| glyphosate | 01855 | 35.000 | g | 35 | 3.0 | 153 | 47900 | 1 | | |
| | 01855 | 35.000 | g | 35 | 6.0 | 153 | 47900 | 3 | | |
| | 01855 | 35.000 | g | 35 | 9.0 | 153 | 47900 | 6 | | |
| | 01855 | 35.000 | g | 5 | 6.0 | 153 | 47900 | 9 | | |
| | 01855 | 35.000 | g | 30 | 4.2 | 153 | 47900 | 20 | a | |
| | 01855 | 35.000 | g | 30 | 6.3 | 153 | 47900 | 19 | a | |
| | 01855 | 35.000 | g | 35 | 9.0 | 153 | 47900 | 18 | n | f |
| | 01855 | 35.000 | g | 5 | 9.0 | 153 | 47900 | 17 | n | f |
| | 01855 | 35.000 | g | 35 | 6.0 | 153 | 47900 | 16 | n | f |
| | 01855 | 35.000 | g | 5 | 6.0 | 153 | 47900 | 15 | n | f |
| | 01855 | 35.000 | g | 35 | 3.0 | 153 | 47900 | 14 | n | f |
| | 01855 | 35.000 | g | 5 | 3.0 | 153 | 47900 | 13 | n | f |
| | 01855 | 35.000 | g | 30 | 7.3 | 153 | 47900 | 21 | a | d |
| | 01855 | 35.000 | g | 5 | 9.0 | 153 | 47900 | 11 | | |
| | 01855 | 35.000 | g | 5 | 9.0 | 153 | 47900 | 12 | | |
| | 01855 | 35.000 | g | 5 | 6.0 | 153 | 47900 | 10 | | |
| | 01855 | 35.000 | g | 35 | 9.0 | 153 | 47900 | 5 | | |
| | 01855 | 35.000 | g | 35 | 6.0 | 153 | 47900 | 4 | | |
| | 01855 | 35.000 | g | 35 | 3.0 | 153 | 47900 | 2 | | |
| | 01855 | 35.000 | g | 5 | 3.0 | 153 | 47900 | 7 | | |
| harmony | 02237 | 5.300 | b | 25 | 5.0 | 7 | 47829 | 1 | | |
| | 02237 | 187.000 | | 25 | 7.0 | 7 | 47824 | 4 | h | |
| | 02237 | 145.000 | | 25 | 9.0 | 7 | 47824 | 5 | h | |
| | 02237 | 5.300 | | 25 | 5.0 | 7 | 47824 | 6 | | |
| | 02237 | 92.000 | | 25 | 9.0 | 7 | 47824 | 8 | h | |
| | 02237 | 176.000 | | 25 | 7.0 | 7 | 47824 | 7 | h | |
| | 02237 | 5.500 | | 25 | 5.0 | 7 | 47824 | 3 | | |
| | 02237 | 187.000 | h | 25 | 9.0 | 7 | 47829 | 2 | | |
| hexazinone | 01871 | 56.000 | g | 15 | 5.0 | 47 | 70373 | 1 | n | d |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| hexazinone | 01871 | 56.000 g | 15 | 5.0 | 47 | 70373 | 4 | n | |
| | 01871 | 56.000 g | 15 | 7.0 | 47 | 70373 | 5 | n | |
| | 01871 | 56.000 g | 15 | 9.0 | 47 | 70373 | 6 | n | |
| | 01871 | 56.000 g | 25 | 7.0 | 47 | 70373 | 7 | n | |
| | 01871 | 56.000 g | 15 | 9.0 | 47 | 70373 | 3 | n | |
| | 01871 | 56.000 g | 15 | 7.0 | 47 | 70373 | 2 | n | |
| hydramethylnon | 02203 | 30.000 g | 25 | 5.0 | 53 | 118196 | 1 | a | g |
| | 02203 | 30.000 g | 25 | 7.0 | 53 | 118196 | 2 | a | g |
| | 02203 | 30.000 g | 25 | 9.0 | 53 | 118196 | 3 | a | g |
| imazethapyr, ammonium sal | 02341 | 30.000 g | 25 | 9.0 | 22 | 92829 | 1 | a | d |
| | 02341 | 30.000 g | 25 | 4.9 | 22 | 92829 | 2 | a | d |
| | 02341 | 30.000 g | 25 | 7.0 | 22 | 92829 | 3 | a | d |
| imidacloprid | 03849 | 300.000 g | 25 | 5.0 | 27 | 119533 | 1 | a | |
| | 03849 | 355.000 | 25 | 9.0 | 27 | 119533 | 3 | | |
| | 03849 | 30.000 g | 25 | 7.0 | 27 | 119533 | 2 | a | |
| iprodione | 02081 | 131.000 | 25 | 5.0 | 120 | 96023 | 4 | f | g |
| | 02081 | .020 | 25 | 9.0 | 120 | 96023 | 6 | f | g |
| | 02081 | .020 | 25 | 9.0 | 120 | 96023 | 7 | f | g |
| | 02081 | 4.730 | 25 | 7.0 | 120 | 96023 | 5 | f | g |
| isazophos | 02282 | 116.000 | 25 | 5.0 | 68 | 89540 | 1 | | |
| | 02282 | 51.000 | 25 | 7.0 | 68 | 89540 | 2 | | |
| | 02282 | 14.000 | 25 | 9.0 | 68 | 89540 | 3 | | |
| isoxaben | 02289 | | 25 | 5.0 | 19 | 75391 | 1 | d | a |
| | 02289 | 1270.000 | 25 | 7.0 | 19 | 75391 | 2 | a | |
| | 02289 | 550.000 | 25 | 9.0 | 19 | 75391 | 3 | a | |
| lambdacyhalothrin | 02297 | | 25 | 5.2 | 14 | 71474 | 1 | a | b |
| | 02297 | 13.300 | 25 | 9.0 | 15 | 71474 | 3 | b | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| lambdacyhalothrin | 02297 | 453.000 | | 25 | 6.9 | 15 | 71474 | 2 | b | d |
| lindane | 00359 | 173.000 | | 25 | 5.0 | 37 | 54187 | 3 | 1 | |
| | 00359 | 309.000 | | 25 | 7.0 | 37 | 54187 | 4 | 1 | |
| | 00359 | 36.300 | | 25 | 9.0 | 37 | 54187 | 5 | 1 | |
| linuron | 00361 | 2503.000 | | 25 | | 40 | 48001 | 3 | a | 1 |
| | 00361 | 3.290 | | 60 | | 40 | 48001 | 11 | | |
| | 00361 | 1.460 | | 60 | | 40 | 48001 | 13 | | |
| | 00361 | 30.000 | g | 25 | | 40 | 48001 | 16 | A | |
| | 00361 | 6.700 | | 60 | | 40 | 48001 | 14 | | |
| | 00361 | 476.000 | | 20 | 5.5 | 40 | 48001 | 22 | A | 1 |
| | 00361 | 478.000 | | 20 | 9.0 | 40 | 48001 | 21 | A | 1 |
| | 00361 | 30.000 | G | 20 | 7.0 | 40 | 48001 | 20 | A | |
| | 00361 | 634.000 | | 20 | 5.0 | 40 | 48001 | 19 | A | 1 |
| | 00361 | 22.800 | | 25 | | 40 | 48001 | 15 | | |
| | 00361 | 362.000 | | 20 | 5.5 | 40 | 48001 | 18 | A | 1 |
| | 00361 | 1331.000 | | 25 | | 40 | 48001 | 17 | A | 1 |
| | 00361 | 3.850 | | 60 | | 40 | 48001 | 12 | | |
| | 00361 | 605.000 | | 20 | 9.0 | 40 | 48001 | 6 | a | 1 |
| | 00361 | 864.000 | | 20 | 5.0 | 40 | 48001 | 4 | a | 1 |
| | 00361 | 494.000 | | 20 | 7.0 | 40 | 48001 | 5 | a | 1 |
| malathion | 00367 | 107.000 | | 25 | 5.0 | 115 | 87796 | 16 | f | |
| | 00367 | 6.210 | | 25 | 7.0 | 115 | 87796 | 17 | f | |
| | 00367 | .492 | | 25 | 9.0 | 115 | 87796 | 18 | f | |
| maleic hydrazide | 00368 | 3480.000 | | 45 | 3.0 | 8 | 48383 | 1 | 1 | |
| | 00368 | 1850.000 | | 80 | 9.0 | 8 | 48383 | 6 | 1 | |
| | 00368 | 514.000 | | 80 | 6.0 | 8 | 48383 | 5 | 1 | |
| | 00368 | 5370.000 | | 45 | 6.0 | 8 | 48383 | 2 | 1 | |
| | 00368 | 7080.000 | | 45 | 9.0 | 8 | 48383 | 3 | 1 | |
| | 00368 | 1690.000 | | 80 | 3.0 | 8 | 48383 | 4 | 1 | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| mancozeb | 00211 | 1.500 | | 25 | 5.0 | 85 | 112230 | 2 | | |
| | 00211 | 2.280 | | 25 | 7.0 | 85 | 112230 | 3 | | |
| | 00211 | .663 | | 25 | 9.0 | 85 | 112230 | 4 | | |
| mecoprop | 00374 | 31.000 | | 25 | 5.0 | 1 | 56721 | 1 | | |
| | 00374 | 31.000 | | 25 | 9.0 | 1 | 56721 | 3 | | |
| | 00374 | 31.000 | | 25 | 7.0 | 1 | 56721 | 2 | | |
| mefluidide | 01955 | 30.000 | g | 23 | 5.0 | 30 | 52780 | 1 | f | a |
| | 01955 | 1930.000 | | 23 | 7.0 | 30 | 52780 | 2 | f | 1 |
| | 01955 | 485.000 | | 23 | 9.0 | 30 | 52780 | 3 | f | 1 |
| mepiquat chloride | 02075 | 7.000 | | 95 | 1.0 | 19 | 54617 | 1 | | |
| | 02075 | 7.000 | | 95 | 13.0 | 19 | 54617 | 2 | | |
| metalaxyl | 02132 | 200.000 | L | 30 | 5.0 | 174 | 54254 | 1 | | |
| | 02132 | 200.000 | L | 70 | 5.0 | 174 | 54254 | 3 | | |
| | 02132 | 200.000 | L | 30 | 7.0 | 174 | 54254 | 4 | | |
| | 02132 | 30.200 | A | 70 | 7.0 | 174 | 54254 | 6 | | |
| | 02132 | 5.210 | A | 50 | 9.0 | 174 | 54254 | 8 | | |
| | 02132 | 4.170 | A | 30 | 10.0 | 174 | 54254 | 10 | | |
| | 02132 | .108 | A | 70 | 10.0 | 174 | 54254 | 12 | | |
| | 02132 | 1000.000 | | 25 | 7.3 | 205 | 70950 | 14 | f | 4 |
| | 02132 | 30.000 | g | 25 | 5.3 | 205 | 70950 | 13 | a | f |
| | 02132 | 88.000 | | 25 | 9.0 | 205 | 70950 | 15 | f | 4 |
| | 02132 | .625 | A | 50 | 10.0 | 174 | 54254 | 11 | | |
| | 02132 | .750 | A | 70 | 9.0 | 174 | 54254 | 9 | | |
| | 02132 | 35.800 | A | 30 | 9.0 | 174 | 54254 | 7 | | |
| | 02132 | 200.000 | L | 50 | 7.0 | 174 | 54254 | 5 | | |
| | 02132 | 200.000 | L | 50 | 5.0 | 174 | 54254 | 2 | | |
| metaldehyde | 00379 | 3650.000 | | 25 | 5.0 | 40 | 74292 | 1 | a | f |
| | 00379 | 7580.000 | | 25 | 7.0 | 40 | 74292 | 2 | a | f |
| | 00379 | 4720.000 | | 25 | 7.0 | 40 | 74292 | 4 | a | f |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| metaldehyde | 00379 | 32.000 | g | 25 | 9.0 | 40 | 74292 | 3 | a | f |
| metam sodium | 00616 | .992 | | 25 | 5.0 | 23 | 73983 | 1 | f | d |
| | 00616 | 7.500 | | 25 | 7.0 | 23 | 73983 | 2 | f | d |
| | 00616 | 1.900 | | 25 | 9.0 | 23 | 73983 | 3 | f | d |
| | 00616 | 1.900 | a | 25 | 5.0 | 82 | 116297 | 6 | f | t |
| | 00616 | 2.200 | | 25 | 7.0 | 82 | 116297 | 7 | f | t |
| | 00616 | 4.500 | | 25 | 9.0 | 82 | 116297 | 8 | f | t |
| methamidophos | 01697 | 309.000 | | 25 | 5.0 | 83 | 49615 | 5 | f | 1 |
| | 01697 | 409.000 | | 25 | 5.0 | 83 | 49615 | 8 | f | d |
| | 01697 | 4.020 | | 25 | 9.0 | 83 | 49615 | 10 | f | 1 |
| | 01697 | 14.200 | | 25 | 7.0 | 83 | 49615 | 9 | f | d |
| | 01697 | 3.220 | | 25 | 9.0 | 83 | 49615 | 7 | f | |
| | 01697 | 27.000 | | 25 | 7.0 | 83 | 49615 | 6 | f | |
| methidathion | 01689 | 10.000 | | 30 | 1.0 | 88 | 52709 | 2 | 4 | d |
| | 01689 | .079 | | 70 | 1.0 | 88 | 52709 | 4 | 4 | d |
| | 01689 | 9.000 | | 30 | 5.0 | 88 | 52709 | 5 | f | 4 |
| | 01689 | .083 | | 70 | 5.0 | 88 | 52709 | 7 | 4 | f |
| | 01689 | .833 | | 50 | 4.0 | 88 | 52709 | 9 | f | 4 |
| | 01689 | 25.500 | | 15 | 9.0 | 88 | 52709 | 11 | f | 4 |
| | 01689 | .246 | | 50 | 9.0 | 88 | 52709 | 13 | 4 | f |
| | 01689 | .542 | | 30 | 10.0 | 88 | 52709 | 15 | 4 | f |
| | 01689 | 2.750 | | 15 | 10.0 | 88 | 52709 | 14 | 4 | f |
| | 01689 | 1.880 | | 20 | 10.0 | 88 | 52709 | 21 | f | e |
| | 01689 | 12.300 | | 20 | 9.0 | 88 | 52709 | 20 | f | e |
| | 01689 | 40.800 | | 20 | 7.0 | 88 | 52709 | 19 | f | e |
| | 01689 | 33.800 | | 20 | 5.0 | 88 | 52709 | 18 | f | e |
| | 01689 | 41.300 | | 20 | 1.0 | 88 | 52709 | 17 | f | e |
| | 01689 | .050 | | 50 | 10.0 | 88 | 52709 | 16 | 4 | f |
| | 01689 | 3.080 | | 30 | 9.0 | 88 | 52709 | 12 | 4 | f |
| | 01689 | .088 | | 70 | 5.0 | 88 | 52709 | 10 | 4 | f |
| | 01689 | 10.800 | | 30 | 7.0 | 88 | 52709 | 8 | 4 | f |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| methidathion | 01689 | .625 | | 50 | 5.0 | 88 | 52709 | 6 | f | 4 |
| | 01689 | .792 | | 50 | 1.0 | 88 | 52709 | 3 | 4 | d |
| methiocarb | 00375 | 321.000 | | 25 | 5.0 | 115 | 49837 | 1 | | |
| | 00375 | 24.000 | | 25 | 7.0 | 115 | 49837 | 2 | | |
| | 00375 | .213 | | 25 | 9.0 | 115 | 49837 | 3 | | |
| methomyl | 00383 | 15.000 | G | 25 | 5.0 | 175 | 48391 | 4 | | |
| | 00383 | 35.000 | | 25 | 9.0 | 175 | 48392 | 6 | | |
| | 00383 | 30.000 | G | 25 | 7.0 | 175 | 48392 | 9 | | |
| | 00383 | 30.000 | G | 25 | 5.0 | 175 | 48392 | 8 | | |
| | 00383 | 37.400 | | 25 | 9.0 | 175 | 48392 | 7 | | |
| methyl isothiocyanate | 00392 | 3.540 | | 25 | 5.0 | 9 | 52760 | 1 | | |
| | 00392 | 4.580 | | 25 | 9.0 | 9 | 52760 | 3 | | |
| | 00392 | 20.400 | | 25 | 7.0 | 9 | 52760 | 2 | | |
| methyl parathion | 00394 | 79.200 | | 25 | 5.0 | 59 | 70134 | 5 | 4 | f |
| | 00394 | 44.600 | | 25 | 7.0 | 59 | 70134 | 6 | 4 | f |
| | 00394 | 35.300 | | 25 | 9.0 | 59 | 70134 | 7 | 4 | f |
| metiram | 00493 | 517.000 | | 25 | | 28 | 53020 | 1 | 4 | 1 |
| | 00493 | 174.000 | | 25 | 9.0 | 28 | 53020 | 5 | f | 1 |
| | 00493 | 1070.000 | | 25 | 7.0 | 28 | 53020 | 4 | f | 1 |
| | 00493 | 146.000 | | 25 | 3.0 | 28 | 53020 | 2 | f | 1 |
| | 00493 | 447.000 | | 25 | 5.0 | 28 | 53020 | 3 | f | 1 |
| metolachlor | 01996 | 200.000 | G | 30 | 1.0 | 188 | 53970 | 2 | | |
| | 01996 | 138.000 | | 50 | 9.0 | 188 | 53970 | 9 | | |
| | 01996 | 200.000 | A | 50 | 7.0 | 188 | 53970 | 8 | | |
| | 01996 | 200.000 | G | 30 | 5.0 | 188 | 53970 | 3 | | |
| | 01996 | 200.000 | G | 30 | 9.0 | 188 | 53970 | 5 | | |
| | 01996 | 97.000 | | 30 | 13.0 | 188 | 53970 | 6 | | |
| | 01996 | 79.000 | | 50 | 5.0 | 188 | 53970 | 7 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| metolachlor | 01996 | 200.000 | G | 30 | 7.0 | 188 | 53970 | 4 | | |
| metribuzin | 01692 | 2750.000 | | 25 | 5.0 | 170 | 49558 | 10 | 1 | |
| | 01692 | 4760.000 | | 25 | 7.0 | 170 | 49558 | 12 | 1 | |
| | 01692 | 2300.000 | | 25 | 9.0 | 170 | 49558 | 13 | 1 | |
| metsulfuron-methyl | 02222 | 30.000 | G | 25 | 7.0 | 22 | 47844 | 1 | | |
| | 02222 | 30.000 | G | 25 | 7.0 | 22 | 47843 | 7 | | |
| | 02222 | 30.000 | G | 25 | 9.0 | 22 | 47843 | 9 | | |
| | 02222 | 30.000 | G | 25 | 9.0 | 22 | 47843 | 8 | | |
| | 02222 | 23.000 | | 25 | 5.0 | 22 | 47843 | 18 | | |
| | 02222 | 30.000 | G | 15 | 9.0 | 22 | 47843 | 17 | | |
| | 02222 | 30.000 | G | 15 | 9.0 | 22 | 47843 | 16 | | |
| | 02222 | 30.000 | G | 15 | 7.0 | 22 | 47843 | 15 | | |
| | 02222 | 30.000 | G | 15 | 7.0 | 22 | 47843 | 14 | | |
| | 02222 | 101.000 | | 15 | 5.0 | 22 | 47843 | 13 | 1 | |
| | 02222 | 74.000 | | 15 | 5.0 | 22 | 47843 | 12 | 1 | |
| | 02222 | 30.000 | G | 25 | 5.0 | 22 | 47844 | 10 | | |
| | 02222 | 30.000 | G | 25 | 7.0 | 22 | 47843 | 6 | | |
| | 02222 | 30.000 | G | 25 | 7.0 | 22 | 47844 | 2 | | |
| | 02222 | 30.000 | G | 25 | 9.0 | 22 | 47844 | 3 | | |
| | 02222 | 21.000 | | 25 | 5.0 | 22 | 47843 | 5 | | |
| | 02222 | 30.000 | G | 25 | 9.0 | 22 | 47844 | 4 | | |
| mevinphos | 00480 | 37.600 | | 25 | 5.0 | 13 | 92234 | 28 | g | f |
| | 00480 | 56.300 | | 25 | 5.0 | 13 | 92234 | 34 | j | d |
| | 00480 | 28.100 | | 25 | 9.0 | 13 | 92234 | 36 | j | d |
| | 00480 | 47.100 | | 25 | 7.0 | 13 | 92234 | 35 | j | d |
| | 00480 | 7.520 | | 25 | 9.0 | 13 | 92234 | 33 | j | d |
| | 00480 | 15.400 | | 25 | 7.0 | 13 | 92234 | 29 | g | f |
| | 00480 | 8.970 | | 25 | 9.0 | 13 | 92234 | 30 | g | f |
| | 00480 | 12.500 | | 25 | 7.0 | 13 | 92234 | 32 | j | d |
| | 00480 | 35.400 | | 25 | 5.0 | 13 | 92234 | 31 | j | d |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| molinate | 00449 | 1050.000 | | 25 | 5.0 | 60 | 65959 | 4 | 4 | f |
| | 00449 | 1560.000 | | 25 | 7.0 | 60 | 65959 | 5 | 4 | f |
| | 00449 | 30.000 | g | 25 | 9.0 | 60 | 65959 | 6 | 4 | f |
| | 00449 | 703.000 | | 40 | 7.0 | 60 | 65959 | 8 | 4 | f |
| | 00449 | 556.000 | | 40 | 5.0 | 60 | 65959 | 7 | 4 | f |
| monosodium methanearsonat | 00034 | 35.000 | g | 25 | 5.0 | 28 | 53812 | 1 | 4 | |
| | 00034 | 35.000 | g | 25 | 9.0 | 28 | 53812 | 3 | a | |
| | 00034 | 35.000 | g | 25 | 7.0 | 28 | 53812 | 2 | a | |
| naled | 00418 | .710 | | 25 | 7.0 | 94 | 59451 | 2 | | |
| | 00418 | .070 | | 25 | 9.0 | 94 | 59451 | 3 | | |
| | 00418 | .650 | | 25 | 7.0 | 94 | 59452 | 5 | | |
| | 00418 | .066 | | 25 | 9.0 | 94 | 59452 | 6 | | |
| | 00418 | 3.800 | | 35 | 5.3 | 94 | 59453 | 7 | | |
| | 00418 | 4.000 | | 25 | 5.0 | 94 | 59452 | 4 | | |
| napropamide | 01728 | 35.000 | G | 25 | 5.0 | 68 | 62805 | 1 | a | |
| | 01728 | 35.000 | G | 40 | 9.0 | 68 | 62805 | 6 | a | |
| | 01728 | 35.000 | G | 25 | 9.0 | 68 | 62805 | 3 | a | |
| | 01728 | 35.000 | G | 40 | 5.0 | 68 | 62805 | 4 | a | |
| | 01728 | 35.000 | G | 40 | 7.0 | 68 | 62805 | 5 | a | |
| | 01728 | 35.000 | G | 25 | 7.0 | 68 | 62805 | 2 | a | |
| naptalam,sodium salt | 00437 | 7.100 | | 20 | 5.0 | 15 | 48156 | 1 | | |
| | 00437 | 878.000 | | 20 | 7.0 | 15 | 48156 | 2 | | |
| | 00437 | 34.100 | G | 20 | 9.0 | 15 | 48156 | 3 | | |
| nicosulfuron | 03829 | 14.900 | a | 25 | 5.0 | 17 | 115368 | 1 | a | d |
| | 03829 | 30.000 | g | 25 | 9.0 | 17 | 115368 | 3 | a | d |
| | 03829 | 30.000 | g | 25 | 7.0 | 17 | 115368 | 2 | a | d |
| nitrapyrin | 00439 | 7.750 | | 25 | 5.0 | 21 | 66077 | 1 | | |
| | 00439 | 7.210 | | 25 | 7.0 | 21 | 66077 | 3 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| nitrapyrin | 00439 | 5.380 | | 25 | 9.0 | 21 | 66077 | 4 | | |
| | 00439 | 9.710 | | 25 | 7.0 | 21 | 66077 | 2 | | |
| norflurazon | 02019 | 1710.000 | | 25 | 5.0 | 46 | 52143 | 1 | 1 | |
| | 02019 | 2650.000 | | 25 | 7.0 | 46 | 52143 | 2 | 1 | |
| | 02019 | 1200.000 | | 25 | 9.0 | 46 | 52143 | 3 | 1 | |
| oryzalin | 01868 | 28.000 | G | 25 | 3.0 | 56 | 52926 | 1 | | |
| | 01868 | 28.000 | G | 52 | 6.0 | 56 | 52926 | 8 | | |
| | 01868 | 28.000 | G | 52 | 3.0 | 56 | 52926 | 7 | | |
| | 01868 | 28.000 | G | 52 | 9.0 | 56 | 52926 | 9 | | |
| | 01868 | 28.000 | G | 25 | 6.0 | 56 | 52926 | 2 | | |
| | 01868 | 28.000 | G | 37 | 3.0 | 56 | 52926 | 4 | | |
| | 01868 | 28.000 | G | 37 | 6.0 | 56 | 52926 | 5 | | |
| | 01868 | 28.000 | G | 37 | 9.0 | 56 | 52926 | 6 | | |
| | 01868 | 28.000 | G | 25 | 9.0 | 56 | 52926 | 3 | | |
| oxadiazon | 02017 | 167.000 | | 23 | 5.0 | 44 | 54015 | 1 | 1 | d |
| | 02017 | 153.000 | | 23 | 7.0 | 44 | 54015 | 2 | 1 | d |
| | 02017 | 12.700 | | 23 | 9.0 | 44 | 54015 | 3 | d | |
| oxamyl | 01910 | 31.000 | g | 25 | 5.0 | 78 | 67134 | 5 | a | |
| | 01910 | .125 | | 25 | 9.0 | 78 | 67134 | 7 | | |
| | 01910 | 8.000 | | 25 | 7.0 | 78 | 67134 | 6 | | |
| oxydemeton methyl | 00382 | 93.700 | | 25 | 5.0 | 113 | 49639 | 1 | | |
| | 00382 | 39.600 | | 25 | 7.0 | 113 | 49639 | 2 | | |
| | 00382 | 21.700 | | 40 | 5.0 | 113 | 49639 | 4 | | |
| | 00382 | 1.000 | L | 40 | 9.0 | 113 | 49639 | 6 | | |
| | 00382 | 7.500 | | 40 | 7.0 | 113 | 49639 | 5 | | |
| | 00382 | 2.500 | | 25 | 9.0 | 113 | 49639 | 3 | | |
| oxyfluorfen | 01973 | 153.000 | | 25 | 4.0 | 103 | 71800 | 1 | a | f |
| | 01973 | | | 25 | 10.0 | 103 | 71800 | 3 | a | f |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| oxyfluorfen | 01973 | 114.000 | | 25 | 7.0 | 103 | 71800 | 2 | a | f |
| oxythioquinox | 00410 | 7.000 | | 25 | 5.0 | 54 | 64712 | 1 | | |
| | 00410 | 2.000 | | 25 | 7.0 | 54 | 64712 | 2 | | |
| | 00410 | .083 | | 25 | 9.0 | 54 | 64712 | 3 | | |
| paraquat dichloride | 01601 | 30.000 | g | 25 | 5.0 | 95 | 52824 | 1 | | |
| | 01601 | 30.000 | g | 40 | 9.0 | 95 | 52824 | 6 | | |
| | 01601 | 30.000 | g | 40 | 7.0 | 95 | 52824 | 5 | | |
| | 01601 | 30.000 | g | 40 | 5.0 | 95 | 52824 | 4 | | |
| | 01601 | 30.000 | g | 25 | 7.0 | 95 | 52824 | 2 | | |
| | 01601 | 30.000 | g | 25 | 9.0 | 95 | 52824 | 3 | | |
| parathion | 00459 | 133.000 | | 25 | 5.0 | 31 | 69713 | 7 | f | |
| | 00459 | 247.000 | | 25 | 7.0 | 31 | 69713 | 8 | f | d |
| | 00459 | 356.000 | | 25 | 7.0 | 31 | 69713 | 9 | f | |
| | 00459 | 102.000 | | 25 | 9.0 | 31 | 69713 | 10 | f | |
| pebulate | 00590 | 549.000 | | 25 | 5.0 | 9 | 50659 | 1 | a | f |
| | 00590 | 234.000 | | 25 | 7.0 | 9 | 50659 | 2 | a | f |
| | 00590 | 327.000 | | 40 | 5.0 | 9 | 50659 | 4 | a | f |
| | 00590 | 331.000 | | 40 | 9.0 | 9 | 50659 | 6 | a | f |
| | 00590 | 216.000 | | 40 | 7.0 | 9 | 50659 | 5 | a | f |
| | 00590 | 508.000 | | 25 | 9.0 | 9 | 50659 | 3 | a | f |
| pendimethalin | 01929 | 28.000 | | 25 | 5.0 | 75 | 53629 | 2 | | |
| | 01929 | 28.000 | | 25 | 9.0 | 75 | 53629 | 4 | | |
| | 01929 | 28.000 | | 25 | 7.0 | 75 | 53629 | 3 | | |
| pentachloronitrobenzene | 00464 | 180.000 | g | 25 | 5.0 | 54 | 72985 | 3 | f | h |
| | 00464 | 180.000 | g | 25 | 7.0 | 54 | 72985 | 4 | f | h |
| | 00464 | 30.000 | g | 25 | 7.0 | 65 | 86200 | 7 | a | d |
| | 00464 | 982.000 | | 25 | 9.0 | 65 | 86200 | 8 | a | |
| | 00464 | 4700.000 | | 25 | 5.0 | 65 | 86200 | 6 | a | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| pentachloronitrobenzene | 00464 | 180.000 | g | 25 | 9.0 | 54 | 72985 | 5 | f | h |
| permethrin | 02008 | 42.000 | G | 25 | 3.0 | 336 | 63526 | 1 | | |
| | 02008 | 42.000 | G | 35 | 3.0 | 336 | 63526 | 2 | | |
| | 02008 | 42.000 | G | 35 | 6.0 | 336 | 63526 | 5 | | |
| | 02008 | 42.000 | G | 25 | 6.0 | 336 | 63526 | 4 | | |
| | 02008 | 42.000 | G | 45 | 3.0 | 336 | 63526 | 3 | | |
| | 02008 | 42.000 | G | 45 | 6.0 | 336 | 63526 | 6 | | |
| | 02008 | 42.000 | G | 35 | 9.0 | 336 | 63526 | 8 | | |
| | 02008 | 3.000 | | 45 | 9.0 | 336 | 63526 | 9 | | |
| | 02008 | 42.000 | G | 25 | 9.0 | 336 | 63526 | 7 | | |
| phenmedipham | 00675 | 49.800 | | 25 | 5.0 | 33 | 67444 | 1 | 4 | |
| | 00675 | .007 | | 25 | 9.0 | 33 | 67444 | 3 | 4 | |
| | 00675 | .605 | | 25 | 7.0 | 33 | 67444 | 2 | 4 | |
| phorate | 00478 | 3.200 | | 25 | 5.0 | 36 | 54541 | 4 | | |
| | 00478 | 3.100 | | 25 | 7.0 | 36 | 54541 | 5 | | |
| | 00478 | 2.200 | | 25 | 9.0 | 36 | 54541 | 6 | | |
| phosalone | 00479 | 330.000 | | 20 | 5.0 | 26 | 53769 | 1 | 1 | 4 |
| | 00479 | 51.300 | | 20 | 7.0 | 26 | 53769 | 2 | 1 | d |
| | 00479 | 7.800 | | 20 | 9.0 | 26 | 53769 | 3 | 1 | d |
| phosmet | 00335 | .003 | l | 25 | 5.0 | 74 | 63859 | 12 | | |
| | 00335 | .375 | l | 25 | 7.0 | 74 | 63859 | 13 | | |
| | 00335 | .103 | | 40 | 7.0 | 74 | 63859 | 16 | | |
| | 00335 | 1.920 | | 25 | 5.0 | 74 | 63859 | 18 | | |
| | 00335 | .001 | | 40 | 9.0 | 74 | 63859 | 17 | | |
| | 00335 | 2.080 | | 40 | 5.0 | 74 | 63859 | 15 | | |
| | 00335 | 7.500 | l | 25 | 9.0 | 74 | 63859 | 14 | | |
| phosphamidon | 00482 | 62.500 | | 25 | 5.0 | 32 | 85611 | 5 | f | |
| | 00482 | 64.700 | | 25 | 7.0 | 32 | 85611 | 6 | f | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| phosphamidon | 00482 | 15.600 | | 25 | 9.0 | 32 | 85611 | 7 | f | |
| picloram | 00593 | 65000.000 | G | 45 | 5.0 | 20 | 51754 | 3 | | |
| | 00593 | 65000.000 | G | 45 | 7.0 | 20 | 51754 | 4 | | |
| | 00593 | 65000.000 | G | 45 | 9.0 | 20 | 51754 | 5 | | |
| piperalin | 00488 | 214.000 | | 25 | 5.0 | 8 | 68743 | 1 | | |
| | 00488 | .200 | | 25 | 9.0 | 8 | 68743 | 3 | | |
| | 00488 | 16.400 | | 25 | 7.0 | 8 | 68743 | 2 | | |
| piperonyl butoxide | 00486 | 471.000 | | 25 | 5.0 | 24 | 71262 | 1 | 1 | f |
| | 00486 | 545.000 | | 25 | 7.0 | 40 | 89924 | 8 | A | F |
| | 00486 | 30.000 | G | 25 | 9.0 | 40 | 89924 | 7 | A | F |
| | 00486 | 30.000 | G | 25 | 7.0 | 40 | 89924 | 6 | A | F |
| | 00486 | 711.000 | | 25 | 5.0 | 40 | 89924 | 5 | A | F |
| | 00486 | 30.000 | g | 25 | 9.0 | 24 | 71262 | 4 | a | f |
| | 00486 | 30.000 | g | 25 | 7.0 | 24 | 71262 | 2 | a | f |
| | 00486 | 397.000 | | 25 | 7.0 | 24 | 71262 | 3 | 1 | f |
| pirate | 03938 | 30.000 | g | 25 | 5.0 | 17 | 125192 | 1 | a | |
| | 03938 | 30.000 | g | 25 | 7.0 | 17 | 125192 | 2 | a | |
| | 03938 | 30.000 | g | 25 | 9.0 | 17 | 125192 | 3 | a | |
| prodiamine | 02236 | 30.000 | g | 25 | 5.0 | 57 | 124576 | 1 | a | |
| | 02236 | 30.000 | g | 25 | 7.0 | 57 | 124576 | 2 | a | |
| | 02236 | .023 | g | 25 | 9.0 | 57 | 124576 | 3 | a | |
| profenofos | 02042 | 108.000 | | 25 | 5.0 | 72 | 70858 | 1 | | |
| | 02042 | 104.000 | | 25 | 5.0 | 77 | 92014 | 4 | f | n |
| | 02042 | 8.230 | | 25 | 9.0 | 77 | 92014 | 6 | f | n |
| | 02042 | 23.800 | | 25 | 7.0 | 77 | 92014 | 5 | f | n |
| | 02042 | 61.700 | | 25 | 7.0 | 72 | 70858 | 2 | | |
| | 02042 | .300 | | 25 | 9.0 | 72 | 70858 | 3 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| prometon | 00499 | 1430.000 | B | 25 | 5.0 | 30 | 50123 | 5 | 1 | |
| | 00499 | 843.000 | H | 25 | 9.0 | 30 | 50123 | 10 | 1 | |
| | 00499 | 679.000 | B | 25 | 9.0 | 30 | 50123 | 9 | 1 | |
| | 00499 | 890.000 | H | 25 | 5.0 | 30 | 50123 | 6 | 1 | |
| | 00499 | 1030.000 | B | 25 | 7.0 | 30 | 50123 | 7 | 1 | |
| | 00499 | 1220.000 | H | 25 | 7.0 | 30 | 50123 | 8 | 1 | |
| prometryn | 00502 | 28.000 | G | 50 | 5.0 | 21 | 52878 | 3 | a | |
| | 00502 | 28.000 | g | 30 | 9.0 | 21 | 52878 | 9 | a | |
| | 00502 | 28.000 | G | 50 | 9.0 | 21 | 52878 | 5 | a | |
| | 00502 | 28.000 | g | 30 | 5.0 | 21 | 52878 | 7 | a | |
| | 00502 | 28.000 | G | 50 | 7.0 | 21 | 52878 | 4 | a | |
| | 00502 | 28.000 | g | 30 | 7.0 | 21 | 52878 | 8 | a | |
| propamocarb | 02147 | 4.710 | | 25 | 14.0 | 11 | 53313 | 1 | m | f |
| | 02147 | 1.920 | | 70 | 13.0 | 11 | 53313 | 2 | m | f |
| | 02147 | 2.870 | | 90 | 12.0 | 11 | 53313 | 4 | m | f |
| | 02147 | .344 | | 90 | 13.0 | 11 | 53313 | 5 | m | f |
| | 02147 | .024 | | 90 | 14.0 | 11 | 53313 | 6 | m | f |
| | 02147 | .086 | | 70 | 14.0 | 11 | 53313 | 3 | m | f |
| propanil | 00503 | .002 | | 25 | 5.1 | 4 | 73866 | 2 | a | f |
| | 00503 | 5000.000 | | 25 | 7.2 | 4 | 73865 | 3 | a | d |
| | 00503 | 1290.000 | | 25 | 8.8 | 4 | 73865 | 4 | a | d |
| propargite | 00445 | 120.000 | | 25 | 5.0 | 62 | 61969 | 1 | | |
| | 00445 | 48.000 | | 25 | 7.0 | 62 | 61969 | 4 | | |
| | 00445 | 3.000 | | 25 | 9.0 | 62 | 61969 | 6 | | |
| | 00445 | 2.000 | | 25 | 9.0 | 62 | 61969 | 5 | | |
| | 00445 | 78.000 | | 25 | 7.0 | 62 | 61969 | 3 | | |
| | 00445 | 702.000 | | 25 | 5.0 | 62 | 61969 | 2 | | |
| propham | 00339 | 172.000 | b | 40 | 4.0 | 13 | 50112 | 1 | | |
| | 00339 | 401.000 | h | 40 | 9.0 | 13 | 50112 | 2 | | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| propiconazole | 02276 | | | 70 | 5.0 | 15 | 62211 | 2 | F | |
| | 02276 | | | 70 | 7.0 | 15 | 62211 | 3 | F | |
| | 02276 | 442.000 | | 70 | 9.0 | 15 | 62211 | 4 | F | |
| propyzamide | 00694 | 42.000 | g | 20 | 5.0 | 35 | 53724 | 1 | | |
| | 00694 | 42.000 | g | 20 | 7.0 | 35 | 53724 | 2 | | |
| | 00694 | 42.000 | g | 20 | 9.0 | 35 | 53724 | 3 | | |
| pyrazon | 00509 | 412.000 | | 70 | 1.0 | 20 | 54857 | 1 | 1 | |
| | 00509 | 528.000 | | 70 | 14.0 | 20 | 54857 | 2 | 1 | |
| | 00509 | 1370.000 | | 70 | 6.0 | 20 | 54857 | 4 | 1 | |
| | 00509 | 819.000 | | 70 | 9.0 | 20 | 54857 | 5 | 1 | |
| | 00509 | 500.000 | | 70 | 3.0 | 20 | 54857 | 3 | 1 | |
| pyrithiobac sodium | 03940 | 32.000 | g | 27 | 5.0 | 18 | 125412 | 4 | a | f |
| | 03940 | 35.000 | g | 27 | 7.0 | 18 | 125412 | 5 | a | f |
| | 03940 | 32.000 | g | 27 | 9.0 | 18 | 125412 | 6 | a | f |
| resmethrin | 02119 | 76.800 | | 25 | 5.0 | 204 | 69863 | 1 | f | h |
| | 02119 | 78.300 | | 25 | 7.0 | 204 | 69863 | 2 | f | h |
| | 02119 | 50.000 | | 25 | 9.0 | 204 | 69863 | 3 | f | h |
| riclpyr | 02170 | 1.150 | | 25 | 9.0 | 1 | 61905 | 18 | n | d |
| | 02170 | 84.000 | | 25 | 5.0 | 1 | 61905 | 9 | d | |
| | 02170 | 1.700 | | 15 | 9.0 | 1 | 61905 | 8 | | |
| | 02170 | 8.220 | | 25 | 7.0 | 1 | 61905 | 17 | n | d |
| | 02170 | 165.000 | | 25 | 5.0 | 1 | 61905 | 16 | n | d |
| | 02170 | .500 | | 25 | 6.7 | 1 | 61905 | 15 | | |
| | 02170 | .060 | | 35 | 9.0 | 1 | 61905 | 14 | d | |
| | 02170 | 2.300 | | 35 | 7.0 | 1 | 61905 | 13 | d | |
| | 02170 | 25.900 | | 35 | 5.0 | 1 | 61905 | 12 | | |
| | 02170 | .300 | | 25 | 9.0 | 1 | 61905 | 11 | | |
| | 02170 | 8.700 | | 25 | 7.0 | 1 | 61905 | 10 | | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| riclpyr | 02170 | 84.000 | 25 | 5.0 | 49 | 58733 | 5 | | |
| | 02170 | 8.700 | 25 | 7.0 | 49 | 58733 | 2 | | |
| | 02170 | 209.000 | 15 | 5.0 | 1 | 61905 | 6 | | |
| | 02170 | 25.500 | 15 | 7.0 | 1 | 61905 | 7 | | |
| sethoxydim | 02177 | 1.710 | 25 | 3.0 | 50 | 54406 | 1 | | |
| | 02177 | 96.300 | 50 | 9.0 | 50 | 54406 | 6 | 1 | |
| | 02177 | 2.700 | 50 | 6.0 | 50 | 54406 | 5 | | |
| | 02177 | 57.800 | 50 | 9.0 | 50 | 54406 | 13 | 1 | |
| | 02177 | 2.330 | 50 | 6.0 | 50 | 54406 | 12 | | |
| | 02177 | .104 | 50 | 3.0 | 50 | 54406 | 11 | | |
| | 02177 | 698.000 | 25 | 9.0 | 50 | 54406 | 10 | 1 | |
| | 02177 | 46.600 | 25 | 6.0 | 50 | 54406 | 9 | 1 | |
| | 02177 | 1.610 | 25 | 3.0 | 50 | 54406 | 8 | | |
| | 02177 | 46.800 | 25 | 6.0 | 50 | 54406 | 2 | 1 | |
| | 02177 | .108 | 50 | 3.0 | 50 | 54406 | 4 | | |
| | 02177 | 837.000 | 25 | 9.0 | 50 | 54406 | 3 | 1 | |
| simazine | 00531 | 28.000 G | 20 | 5.0 | 55 | 50513 | 5 | a | |
| | 00531 | 28.000 G | 20 | 7.0 | 55 | 50513 | 6 | a | |
| | 00531 | 28.000 G | 20 | 9.0 | 55 | 50513 | 7 | a | |
| sodium tetrathiocarbonate | 02273 | .070 a | 23 | 7.0 | 22 | 67142 | 9 | | |
| | 02273 | .090 a | 23 | 4.9 | 22 | 67142 | 15 | | |
| | 02273 | .240 a | 23 | 9.6 | 22 | 67142 | 14 | | |
| | 02273 | .130 a | 23 | 9.4 | 22 | 67142 | 11 | | |
| | 02273 | .070 a | 23 | 5.6 | 22 | 67142 | 12 | | |
| | 02273 | .080 a | 23 | 7.1 | 22 | 67142 | 13 | | |
| | 02273 | .020 a | 23 | 5.4 | 22 | 67142 | 10 | | |
| | 02273 | .090 a | 23 | 6.9 | 22 | 67142 | 16 | | |
| | 02273 | 1.050 a | 23 | 9.9 | 22 | 67142 | 17 | | |
| strychnine | 00554 | | 25 | 5.0 | 16 | 88232 | 1 | d | f |
| | 00554 | 4910.000 | 25 | 7.0 | 16 | 88232 | 2 | d | f |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| strychnine | 00554 | | | 25 | 9.0 | 16 | 88232 | 3 | d | f |
| sulfometuron methyl | 02149 | 55.000 | | 15 | 5.0 | 16 | 48255 | 6 | n | f |
| | 02149 | 52.000 | | 15 | 5.0 | 16 | 48225 | 7 | n | f |
| | 02149 | 12.000 | | 25 | 5.0 | 16 | 48225 | 8 | n | f |
| | 02149 | 10.000 | | 25 | 5.0 | 16 | 48225 | 9 | n | f |
| | 02149 | 30.000 | g | 25 | 7.0 | 16 | 48225 | 11 | a | n |
| | 02149 | 30.000 | g | 25 | 9.0 | 16 | 48225 | 13 | a | n |
| | 02149 | 30.000 | g | 15 | 9.0 | 16 | 48225 | 12 | a | n |
| | 02149 | 30.000 | g | 15 | 7.0 | 16 | 48225 | 10 | a | n |
| sulfosate | 02327 | | | 25 | 5.0 | 6 | 90891 | 1 | d | a |
| | 02327 | | | 25 | 5.0 | 6 | 90891 | 4 | d | |
| | 02327 | 134.000 | | 25 | 9.0 | 6 | 90891 | 3 | d | a |
| | 02327 | 1560.000 | | 25 | 7.0 | 6 | 90891 | 2 | d | a |
| | 02327 | 32.000 | g | 25 | 7.0 | 6 | 90891 | 5 | d | |
| | 02327 | 5730.000 | | 25 | 9.0 | 6 | 90891 | 6 | d | a |
| sulprofos | 02006 | 690.000 | | 25 | 5.0 | 62 | 65765 | 2 | | |
| | 02006 | 485.000 | | 25 | 7.0 | 62 | 65765 | 3 | | |
| | 02006 | 13.000 | | 25 | 9.0 | 62 | 65765 | 4 | | |
| tebuthiuron | 01810 | 64.000 | g | 25 | 3.0 | 31 | 52160 | 1 | | |
| | 01810 | 64.000 | g | 51 | 6.0 | 31 | 52160 | 8 | | |
| | 01810 | 64.000 | g | 51 | 3.0 | 31 | 52160 | 7 | | |
| | 01810 | 1100.000 | | 51 | 6.0 | 31 | 52160 | 17 | 1 | |
| | 01810 | 2260.000 | | 51 | 3.0 | 31 | 52160 | 16 | 1 | |
| | 01810 | 2930.000 | | 38 | 9.0 | 31 | 52160 | 15 | 1 | |
| | 01810 | 997.000 | | 38 | 6.0 | 31 | 52160 | 14 | 1 | |
| | 01810 | 955.000 | | 38 | 3.0 | 31 | 52160 | 13 | 1 | |
| | 01810 | 1030.000 | | 25 | 9.0 | 31 | 52160 | 12 | 1 | |
| | 01810 | 726.000 | | 25 | 6.0 | 31 | 52160 | 11 | 1 | |
| | 01810 | 513.000 | | 25 | 3.0 | 31 | 52160 | 10 | 1 | |
| | 01810 | 1120.000 | | 51 | 9.0 | 31 | 52160 | 18 | 1 | |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| tebuthiuron | 01810 | 7140.000 | | 51 | 9.0 | 31 | 52160 | 9 | 1 | |
| | 01810 | 64.000 | g | 25 | 6.0 | 31 | 52160 | 2 | | |
| | 01810 | 64.000 | g | 38 | 3.0 | 31 | 52160 | 4 | | |
| | 01810 | 1310.000 | | 38 | 6.0 | 31 | 52160 | 5 | 1 | |
| | 01810 | 2600.000 | | 38 | 9.0 | 31 | 52160 | 6 | 1 | |
| | 01810 | 64.000 | g | 25 | 9.0 | 31 | 52160 | 3 | | |
| temephos | 00001 | 1030.000 | | 25 | 5.0 | 19 | 54270 | 1 | | |
| | 00001 | 460.000 | | 25 | 7.0 | 19 | 54270 | 2 | | |
| | 00001 | 86.000 | | 25 | 9.0 | 19 | 54270 | 3 | | |
| terbacil | 00532 | 42.000 | G | 15 | 5.0 | 20 | 47886 | 1 | | |
| | 00532 | 42.000 | G | 15 | 9.0 | 20 | 47886 | 4 | | |
| | 00532 | 42.000 | G | 15 | 8.0 | 20 | 47886 | 3 | | |
| | 00532 | 42.000 | G | 15 | 7.0 | 20 | 47886 | 2 | | |
| terbutryn | 01691 | | | 25 | 5.0 | 24 | 53525 | 2 | | |
| | 01691 | 340.000 | | 25 | 9.0 | 24 | 53525 | 7 | 1 | |
| | 01691 | | | 25 | 7.0 | 24 | 53525 | 3 | | |
| | 01691 | | | 25 | 9.0 | 24 | 53525 | 4 | | |
| | 01691 | 354.000 | | | 7.0 | 24 | 53525 | 6 | 1 | |
| | 01691 | 299.000 | | 25 | 5.0 | 24 | 53525 | 5 | 1 | |
| thiabendazole | 00587 | 30.000 | g | 25 | 3.0 | 39 | 53370 | 1 | f | a |
| | 00587 | 232.000 | | 25 | 6.0 | 39 | 53370 | 2 | f | 1 |
| | 00587 | 693.000 | | 25 | 9.0 | 39 | 53370 | 3 | f | 1 |
| | 00587 | 385.000 | | 35 | 6.0 | 39 | 53370 | 5 | f | 1 |
| | 00587 | 70.400 | | 45 | 3.0 | 39 | 53370 | 7 | f | 4 |
| | 00587 | 30.000 | g | 35 | 9.0 | 39 | 53370 | 6 | f | 4 |
| | 00587 | 4320.000 | | 45 | 9.0 | 39 | 53370 | 18 | f | 4 |
| | 00587 | 273.000 | | 45 | 6.0 | 39 | 53370 | 17 | f | 4 |
| | 00587 | 168.000 | | 45 | 3.0 | 39 | 53370 | 16 | f | 4 |
| | 00587 | 1050.000 | | 37 | 9.0 | 39 | 53370 | 15 | f | 4 |
| | 00587 | 280.000 | | 37 | 6.0 | 39 | 53370 | 14 | f | 4 |

## HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| thiabendazole | 00587 | 516.000 | | 37 | 3.0 | 39 | 53370 | 13 | f | 4 |
| | 00587 | 695.000 | | 25 | 9.0 | 39 | 53370 | 12 | f | 4 |
| | 00587 | 229.000 | | 25 | 6.0 | 39 | 53370 | 11 | f | 4 |
| | 00587 | 201.000 | | 25 | 3.0 | 39 | 53370 | 10 | f | 4 |
| | 00587 | 84.700 | | 45 | 9.0 | 39 | 53370 | 9 | f | 4 |
| | 00587 | 138.000 | | 45 | 6.0 | 39 | 53370 | 8 | f | 4 |
| | 00587 | 163.000 | | 35 | 3.0 | 39 | 53370 | 4 | f | 1 |
| thiobencarb | 01933 | 160.000 | g | 25 | 5.0 | 115 | 52891 | 1 | | |
| | 01933 | 160.000 | g | 25 | 7.0 | 115 | 52891 | 2 | | |
| | 01933 | 160.000 | g | 25 | 9.0 | 115 | 52891 | 3 | | |
| thiodicarb | 02202 | 35.000 | | 25 | 5.0 | 62 | 85489 | 1 | | |
| | 02202 | 13.000 | | 25 | 7.0 | 62 | 85489 | 2 | | |
| | 02202 | 2.200 | | 25 | 9.0 | 62 | 85489 | 3 | d | |
| thiophanate-methyl | 01696 | 1120.000 | | 22 | 5.0 | 37 | 60656 | 1 | f | |
| | 01696 | .704 | | 25 | 9.0 | 37 | 60656 | 6 | f | d |
| | 01696 | 2.220 | | 45 | 7.0 | 37 | 60656 | 8 | f | |
| | 01696 | 51.200 | | 45 | 5.0 | 37 | 60656 | 7 | f | |
| | 01696 | .003 | | 65 | 9.0 | 37 | 60656 | 12 | f | |
| | 01696 | .066 | | 65 | 7.0 | 37 | 60656 | 11 | f | |
| | 01696 | 2.530 | | 65 | 5.0 | 37 | 60656 | 10 | f | |
| | 01696 | .038 | | 45 | 9.0 | 37 | 60656 | 9 | f | |
| | 01696 | 36.100 | | 25 | 7.0 | 37 | 60656 | 5 | f | d |
| | 01696 | 45.600 | | 22 | 7.0 | 37 | 60656 | 2 | f | |
| | 01696 | 1.020 | | 22 | 9.0 | 37 | 60656 | 3 | f | |
| | 01696 | 867.000 | | 25 | 5.0 | 37 | 60656 | 4 | f | d |
| thiram | 00589 | 68.500 | g | 25 | 5.0 | 49 | 95881 | 2 | f | n |
| | 00589 | 3.480 | l | 25 | 7.0 | 49 | 95881 | 3 | f | n |
| | 00589 | .290 | l | 25 | 9.0 | 49 | 95881 | 4 | f | n |
| tralomethrin | 02329 | 30.000 | g | 25 | 4.0 | 48 | 98964 | 1 | g | t |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| tralomethrin | 02329 | 30.000 | g | 25 | 5.0 | 48 | 98964 | 2 | g | y |
| | 02329 | 30.000 | g | 25 | 7.0 | 48 | 98964 | 3 | g | t |
| | 02329 | 30.000 | g | 25 | 9.0 | 48 | 98964 | 4 | g | t |
| triadimefon | 02133 | 196.000 | g | 25 | 3.0 | 111 | 49651 | 1 | | |
| | 02133 | 196.000 | g | 45 | 6.0 | 111 | 49651 | 8 | | |
| | 02133 | 196.000 | g | 45 | 3.0 | 111 | 49651 | 7 | | |
| | 02133 | 2370.000 | | 25 | 9.1 | 181 | 89592 | 14 | a | g |
| | 02133 | 1760.000 | | 25 | 7.0 | 181 | 89592 | 13 | a | g |
| | 02133 | 1080.000 | | 25 | 5.0 | 181 | 89592 | 12 | a | g |
| | 02133 | 196.000 | g | 45 | 6.9 | 111 | 49651 | 9 | | |
| | 02133 | 196.000 | g | 25 | 6.0 | 111 | 49651 | 2 | | |
| | 02133 | 196.000 | g | 35 | 3.0 | 111 | 49651 | 4 | | |
| | 02133 | 196.000 | g | 35 | 6.0 | 111 | 49651 | 5 | | |
| | 02133 | 196.000 | g | 35 | 9.0 | 111 | 49651 | 6 | | |
| | 02133 | 196.000 | g | 25 | 9.0 | 111 | 49651 | 3 | | |
| triallate | 00049 | 821.000 | | 25 | 4.0 | 28 | 47944 | 5 | f | 1 |
| | 00049 | 676.000 | | 25 | 6.0 | 28 | 47944 | 6 | f | 1 |
| | 00049 | 676.000 | | 25 | 8.0 | 28 | 47944 | 8 | f | 1 |
| | 00049 | 1170.000 | | 25 | 7.0 | 28 | 47944 | 7 | f | 1 |
| tributyl phosphorotrithio | 00190 | 30.000 | g | 24 | 5.0 | 32 | 64718 | 1 | | |
| | 00190 | 124.000 | | 24 | 9.0 | 32 | 64718 | 3 | | |
| | 00190 | 30.000 | g | 24 | 7.0 | 32 | 64718 | 2 | | |
| trichlorophon | 00088 | 104.000 | | 25 | 5.0 | 111 | 49570 | 1 | 1 | |
| | 00088 | 1.420 | | 25 | 7.0 | 111 | 49570 | 2 | 1 | |
| | 00088 | .022 | | 25 | 9.0 | 111 | 49570 | 3 | 1 | |
| triclopyr, butoxyethyl es | 02170 | 1.150 | | 25 | 9.0 | 1 | 61905 | 18 | n | d |
| | 02170 | 84.000 | | 25 | 5.0 | 49 | 58733 | 5 | | |
| | 02170 | 8.700 | | 25 | 7.0 | 49 | 58733 | 2 | | |
| | 02170 | 25.500 | | 15 | 7.0 | 1 | 61905 | 7 | | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|---|
| triclopyr, butoxyethyl es | 02170 | 209.000 | | 15 | 5.0 | 1 | 61905 | 6 | | |
| | 02170 | 165.000 | | 25 | 5.0 | 1 | 61905 | 16 | n | d |
| | 02170 | .500 | | 25 | 6.7 | 1 | 61905 | 15 | | |
| | 02170 | .060 | | 35 | 9.0 | 1 | 61905 | 14 | d | |
| | 02170 | 2.300 | | 35 | 7.0 | 1 | 61905 | 13 | d | |
| | 02170 | 25.900 | | 35 | 5.0 | 1 | 61905 | 12 | | |
| | 02170 | .300 | | 25 | 9.0 | 1 | 61905 | 11 | | |
| | 02170 | 8.700 | | 25 | 7.0 | 1 | 61905 | 10 | | |
| | 02170 | 84.000 | | 25 | 5.0 | 1 | 61905 | 9 | d | |
| | 02170 | 8.220 | | 25 | 7.0 | 1 | 61905 | 17 | n | d |
| | 02170 | 1.700 | | 15 | 9.0 | 1 | 61905 | 8 | | |
| triflumizole | 02260 | 12.500 | | 25 | 4.6 | 28 | 65982 | 1 | F | T |
| | 02260 | 18.100 | | 25 | 8.3 | 28 | 65982 | 3 | F | T |
| | 02260 | 116.000 | | 25 | 6.6 | 28 | 65982 | 2 | F | T |
| trifluralin | 00597 | 32.000 | G | 25 | 3.0 | 102 | 52732 | 3 | a | d |
| | 00597 | 32.000 | G | 25 | 6.0 | 102 | 52732 | 4 | a | d |
| | 00597 | 32.000 | G | 25 | 9.0 | 102 | 52732 | 5 | a | d |
| | 00597 | 32.000 | G | 52 | 6.0 | 102 | 52732 | 7 | a | d |
| | 00597 | 32.000 | G | 52 | 9.0 | 102 | 52732 | 8 | a | d |
| | 00597 | 32.000 | G | 52 | 3.0 | 102 | 52732 | 6 | a | d |
| | 00597 | 32.000 | g | 37 | 9.0 | 102 | 52732 | 12 | a | |
| | 00597 | 32.000 | g | 37 | 6.0 | 102 | 52732 | 11 | a | |
| | 00597 | 32.000 | g | 37 | 3.0 | 102 | 52732 | 10 | a | |
| uniconazole-p | 02312 | 30.000 | g | 25 | 5.0 | 21 | 119021 | 1 | | |
| | 02312 | 30.000 | g | 25 | 7.0 | 21 | 119021 | 2 | | |
| | 02312 | 30.000 | g | 25 | 9.0 | 21 | 119021 | 3 | | |
| urea dihydrogensulfate | 02270 | .000 | l | 23 | | 5 | 116003 | 1 | d | n |
| vernolate | 01987 | 1230.000 | | 25 | 5.0 | 18 | 50691 | 1 | a | |
| | 01987 | 722.000 | | 25 | 7.0 | 18 | 50691 | 2 | a | |

HYDROLYSIS HALF-LIFE (t½)

| Active Ingredient | Chem Code | t½ days | C | pH | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| vernolate | 01987 | 978.000 | 25 | 9.0 | 18 | 50691 | 3 | a | |
| | 01987 | 864.000 | 40 | 5.0 | 18 | 50691 | 4 | a | |
| | 01987 | 854.000 | 40 | 7.0 | 18 | 50691 | 5 | a | |
| | 01987 | 721.000 | 40 | 9.0 | 18 | 50691 | 6 | a | |
| vinclozolin | 02129 | 89.200 | 25 | 5.0 | 54 | 71270 | 1 | f | g |
| | 02129 | 1.300 | 25 | 7.0 | 54 | 71270 | 2 | f | g |
| | 02129 | .026 | 25 | 9.0 | 54 | 71270 | 3 | f | g |

1098 rows selected.

## V. ANAEROBIC METABOLISM HALF-LIFE

Column Heading Key

t½
days = Anaerobic metabolism half-life in days

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## Soil Type Key

1 - sand
2 - sandy loam
3 - loamy sand
4 - loam
5 - sandy clay loam
6 - sandy clay
7 - silty loam
8 - silt
9 - silty clay loam
10 - silty clay
11 - clay loam
12 - clay
13 - mineral
14 - humus
15 - muck
16 - aquatic sediment

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4(2,4-db), dimethylamine salt | 269 | | 2 | 23 | 89028 | 5 | | | | | |
| EPTC | 84.9 | | 2 | 88 | 87750 | 16 | i | d | | | |
| | 76.3 | | 4 | 88 | 87750 | 17 | i | d | | | |
| | 32.3 | | 7 | 88 | 87750 | 18 | i | d | | | |
| MCPA, dimethlamine salt | 3410 | | 16 | 15 | 65309 | 1 | 1 | 4 | | | |
| | 333 | | 2 | 34 | 87190 | 3 | d | a | | | |
| acephate | 6.4 | | 2 | 215 | 74226 | 33 | d | | | | |
| | 5.24 | | 2 | 215 | 74226 | 34 | d | | | | |
| acrolein | 18.2 | | 2 | 33 | 95963 | 3 | d | 9 | | | |
| | 2.9 | | 4 | 33 | 95963 | 4 | d | 9 | | | |
| | 4.4 | | 2 | 33 | 95963 | 5 | d | g | | | |
| | 4.59 | | 4 | 33 | 95963 | 6 | d | g | | | |
| alachlor | 5.4 | | 16 | 96 | 47608 | 15 | i | u | m | | |
| aldicarb | 1.84 | | 16 | 83 | 64067 | 44 | d | u | | | |
| ametryne | 56 | G | 7 | 7 | 54640 | 6 | | | | | |
| | 322 | | 7 | 7 | 54640 | 8 | 4 | 1 | | | |
| amitraz | .435 | | 3 | 75 | 75474 | 5 | | | | | |
| amitrole | 186 | | 1 | 34 | 52598 | 5 | d | | | | |
| | 53.4 | | 1 | 34 | 52598 | 6 | d | g | | | |
| anilazine | 40.6 | | 2 | 88 | 95560 | 4 | | | | | |
| atrazine | 159 | | 4 | 117 | 71768 | 28 | | | | | |
| avermectin | 143 | | 2 | 44 | 46737 | 1 | a | | | | |

## ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| azinphosmethyl | 68 | | 2 | 159 | 49800 | 3 | | | | | |
| baythroid | 33.6 | | 4 | 57 | 49826 | 8 | | | | | |
| benefin | 15 | | 2 | 44 | 91812 | 7 | | | | | |
| benomyl | 1 | l | 16 | 108 | 74204 | 8 | d | | | | |
| bensulide | 1890 | | 4 | 11 | 64708 | 6 | d | i | 4 | | |
| | 2120 | | 4 | 11 | 64708 | 7 | d | i | 4 | g | |
| bentazon | 365 | G | 12 | 61 | 65692 | 3 | | | | | |
| bifenthrin | 215 | | 2 | 91 | 90345 | 3 | t | | | | |
| | 144 | | 2 | 91 | 90345 | 4 | t | | | | |
| bromacil | 93 | | 11 | 34 | 72208 | 23 | d | | | | |
| | 51.9 | | 11 | 34 | 72208 | 24 | d | | | | |
| bromoxynil -octanonate | 4.15 | | 2 | 125 | 89487 | 16 | | | | | |
| butylate | 63.6 | | 2 | 56 | 85034 | 7 | i | d | | | |
| cacodylic acid | 365 | g | 11 | 45 | 121053 | 2 | e | | | | |
| captafol | 1.3 | | 16 | 105 | 54096 | 5 | | | | | |
| | 3.1 | | 16 | 105 | 54097 | 6 | | | | | |
| captan | .693 | l | 2 | 240 | 69572 | 13 | d | h | | | |
| carbaryl | 86.6 | | 2 | 233 | 97496 | 29 | | | | | |
| carbofuran | 30 | | 2 | 114 | 53060 | 15 | 9 | | | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| carbofuran | 9.39 | | 16 | 128 | 64684 | 16 | | | | | |
| chlorflurenol | .73 | | 2 | 11 | 50985 | 3 | 9 | | | | |
| chlorothalonil | 9.3 | | 7 | 134 | 53204 | 16 | | | | | |
| | 5.9 | | 2 | 134 | 53204 | 17 | | | | | |
| chlorpyrifos | 176 | | 12 | 313 | 65278 | 40 | d | | | | |
| | 95 | | 4 | 313 | 65278 | 41 | d | | | | |
| chlorsulfuron | 443 | | 7 | 44 | 70524 | 7 | d | | | | |
| | 170 | | 7 | 44 | 70524 | 8 | d | | | | |
| | 85.6 | | 7 | 44 | 70524 | 10 | d | i | | | |
| | 46.5 | | 7 | 44 | 70524 | 11 | d | i | | | |
| | 66.1 | | 7 | 44 | 70524 | 9 | d | i | | | |
| cimectacarb | 11.7 | | 2 | 54 | 132134 | 3 | | | | | |
| | 14.4 | | 2 | 54 | 132134 | 4 | | | | | |
| clethodim | 177 | | 5 | 79 | 115176 | 5 | t | d | | | |
| | 14.1 | a | 2 | 78 | 115175 | 14 | d | | | | |
| | 15.8 | a | 2 | 78 | 115175 | 13 | | | | | |
| | 559 | | 5 | 79 | 115176 | 6 | t | d | | | |
| clofentezine | 48.4 | | 12 | 30 | 86433 | 12 | d | | | | |
| | 40.1 | | 11 | 30 | 86433 | 15 | d | | | | |
| | 45.7 | | 3 | 30 | 86433 | 14 | d | | | | |
| cyanazine | 108.28125 | | 2 | 59 | 50033 | 11 | | | | | |
| | 108 | | 2 | 59 | 50034 | 13 | 1 | | | | |
| cycloate | 73.1 | | 7 | 25 | 51557 | 8 | i | | | | |
| | 136 | a | 2 | 76 | 128131 | 9 | s | d | | | |
| | 78 | | 2 | 76 | 128131 | 10 | s | d | | | |

## ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| cycloate | 150 | | 2 | 76 | 128131 | 11 | s | d | | | |
| cypermethrin | 128 | | 3 | 56 | 51467 | 15 | d | | | | |
| | 58.3 | | 3 | 56 | 51467 | 20 | d | | | | |
| | 43.3 | | 3 | 56 | 51467 | 22 | d | | | | |
| | 206 | | 3 | 56 | 51467 | 21 | d | | | | |
| | 35.9 | | 2 | 56 | 51467 | 19 | d | | | | |
| | 95 | | 2 | 56 | 51467 | 16 | d | | | | |
| | 147 | | 1 | 56 | 51467 | 17 | d | | | | |
| | 40 | | 9 | 56 | 51467 | 18 | d | | | | |
| dazomet | 14.1 | | 3 | 11 | 72841 | 2 | d | | | | |
| diazinon | 15.6 | | 2 | 228 | 91815 | 16 | | | | | |
| dicamba | 88.1 | | 4 | 67 | 66681 | 18 | | | | | |
| dichloran | 10.1 | | 2 | 38 | 71078 | 3 | t | | | | |
| | 183 | | 1 | 38 | 71078 | 4 | t | | | | |
| | 5.64 | | 1 | 38 | 71078 | 5 | t | | | | |
| diclofop-methyl | .63 | | 7 | 85 | 122360 | 18 | 1 | o | t | | |
| dicofol | 15.9 | | 7 | 51 | 51160 | 3 | | | | | |
| didecyldimethylammoniumchlorid | 365 | g | 16 | 173 | 98236 | 1 | a | | | | |
| dienochlor | 6.1 | | 2 | 25 | 88790 | 4 | d | u | | | |
| difenzoquat methyl sulfate | 6810 | | 2 | 53 | 71452 | 2 | 1 | a | d | | |
| diflubenzuron | 34 | | 7 | 121 | 96764 | 15 | d | d | d | | |
| diiodomethyl-p-tolyl sulfone | 7.6 | a | 2 | 18 | 114530 | 2 | | | | | d |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| diiodomethyl-p-tolyl sulfone | 31.5 | a | 2 | 15 | 114531 | 3 | | | | s | d |
| | 120 | a | 2 | 15 | 114531 | 5 | | | | s | d |
| | 18.6 | a | 2 | 15 | 114531 | 4 | | | | s | d |
| dimethipin | 2310 | | 1 | 24 | 48142 | 2 | | | | | |
| | 247.5 | | 7 | 24 | 48142 | 4 | | | | | |
| dimethoate | 22 | | 2 | 81 | 95634 | 11 | m | d | | | |
| diphenamid | 642 | | 2 | 34 | 64455 | 6 | d | | | | |
| diquat dibromide | 1060 | | 1 | 80 | 72125 | 10 | a | d | | | |
| dithiopyr | 21700 | | 11 | 34 | 116342 | 2 | | | | | |
| diuron | 995 | | 7 | 39 | 71888 | 13 | m | d | | | |
| endosulfan | 143 | | 2 | 58 | 67070 | 10 | 4 | | | | |
| | 152 | | 7 | 58 | 67070 | 11 | 4 | | | | |
| endothall, disodium salt | 8.27 | | 2 | 42 | 55504 | 5 | | | | | |
| ethalfluralin | 14 | | 2 | 29 | 86748 | 6 | t | | | | |
| ethephon | 5.3 | a | 7 | 102 | 96027 | 2 | | | | | i |
| ethofumesate | | | 5 | 65 | 52845 | 14 | a | d | | | |
| | | | 7 | 65 | 52846 | 15 | a | d | | | |
| ethoprop | 130 | | 3 | 62 | 54135 | 28 | | | | | |
| fenamiphos | 87.9 | | 2 | 158 | 85284 | 9 | d | | | | |
| fenarimol | 3860 | | 2 | 37 | 52918 | 2 | a | | | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| fenarimol | 951 | | 7 | 37 | 52918 | 3 | a | | | | |
| | 56 | g | 11 | 37 | 52918 | 4 | a | | | | |
| fenbutatin oxide | 90 | G | 3 | 33 | 63779 | 4 | | | | | |
| | 90 | G | 9 | 39 | 63779 | 5 | | | | | |
| | 90 | G | 5 | 39 | 63779 | 6 | | | | | |
| fenoxaprop-ethyl | 27.1 | a | 9 | 63 | 120773 | 17 | d | e | | | |
| fenpropathrin | 186 | a | 4 | 104 | 120343 | 37 | | | | | |
| fenvalerate | 215 | | 2 | 107 | 52603 | 1 | | | | | |
| | 120 | | 2 | 107 | 52602 | 4 | | | | | |
| | 128 | | 7 | 107 | 52603 | 2 | | | | | |
| | 157 | | 9 | 107 | 52603 | 3 | | | | | |
| fluazifop-butyl | 2.56 | | 2 | 75 | 85328 | 10 | d | i | | | |
| fluometuron | 28.6 | | 4 | 14 | 53168 | 8 | | | | | |
| flurprimidol | | | 2 | 20 | 74390 | 1 | d | a | | | |
| | 3620 | | 11 | 20 | 74390 | 3 | a | | | | |
| | | | 7 | 20 | 74390 | 2 | d | a | | | |
| fonofos | 184 | | 2 | 29 | 59897 | 15 | | | | | |
| | 115 | | 2 | 29 | 59597 | 17 | | | | | |
| formetanate HCl | 15 | a | 1 | 41 | 112843 | 10 | o | | | | |
| | 15 | a | 1 | 41 | 112843 | 13 | o | | | | |
| fosethyl -Al | .501 | | 2 | 32 | 53761 | 9 | d | | | | |
| | 2.9 | | 9 | 32 | 53761 | 10 | d | | | | |
| glyphosate | 22.1 | | 5 | 197 | 70382 | 16 | | | | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| harmony | 31.8 | | 16 | 7 | 47829 | 1 | d | | | | |
| | 89.3 | | 16 | 7 | 47829 | 10 | d | g | | | |
| | 124 | | 16 | 7 | 47829 | 9 | g | d | | | |
| | 113 | | 16 | 7 | 47829 | 8 | g | d | | | |
| | 27.7 | | 16 | 7 | 47829 | 7 | d | | | | |
| | 21.2 | | 16 | 7 | 47829 | 6 | d | | | | |
| hexazinone | 232 | | 16 | 54 | 95627 | 4 | t | d | | | |
| imazethapyr | 1000 | a | 3 | 36 | 117576 | 22 | | | | | |
| | 387 | a | 11 | 36 | 117579 | 24 | | | | | |
| | 316 | a | 4 | 36 | 117578 | 23 | | | | | |
| imidacloprid | 27.1 | | 7 | 29 | 119541 | 7 | | | | | |
| iprodione | 32.4 | | 16 | 118 | 95928 | 8 | d | 4 | | | |
| isazophos | 8.06 | | 2 | 68 | 89543 | 4 | | | | | |
| lambdacyhalothrin | 114 | | 2 | 15 | 72095 | 2 | i | | | | |
| lindane | .0037 | a | 2 | 42 | 65768 | 10 | | | | | |
| linuron | 7.1 | | 16 | 53 | 59298 | 7 | | | | | |
| | 22 | | 16 | 53 | 59298 | 8 | | | | | |
| | 25 | | 16 | 53 | 59298 | 9 | | | | | |
| | 354 | g | 16 | 53 | 59298 | 10 | | | | | |
| malathion | 30 | | 3 | 109 | 74447 | 10 | h | | | | |
| mancozeb | 7.56 | | 7 | 85 | 112232 | 7 | | | | | |
| mecoprop | | | 2 | 4 | 67923 | 3 | a | d | | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| mecoprop | 541 | | 2 | 4 | 67923 | 5 | l | d | | | |
| mepiquat chloride | 359 | | 3 | 19 | 54620 | 4 | | | | | |
| metalaxyl | 68.4 | | 3 | 174 | 54258 | 2 | d | | | | |
| metaldehyde | 223 | | 2 | 51 | 86941 | 4 | | | | | |
| metam sodium | 1 | l | 1 | 9 | 57759 | 8 | | | | | |
| methiocarb | 64.4 | | 2 | 147 | 75731 | 10 | | | | | |
| methomyl | 1 | L | 16 | 175 | 48396 | 5 | | | | | |
| methyl bromide | 6 | | 5 | 106 | 73933 | 5 | 4 | | | | |
| | 1.63 | | 11 | 106 | 73933 | 7 | 4 | | | | |
| methyl parathion | 1.09 | | 16 | 89 | 89031 | 10 | i | t | d | | |
| metolachlor | 84 | L | 11 | 188 | 53977 | 6 | | | | | |
| | 37 | | 2 | 236 | 111374 | 15 | | | | | |
| metribuzin | 112 | | 2 | 183 | 63168 | 9 | d | | | | |
| | 439 | | 2 | 198 | 95596 | 12 | i | | | | |
| metsulfuron-methyl | 43 | | 16 | 22 | 47848 | 5 | d | | | | |
| | 517 | | 16 | 22 | 47848 | 10 | d | g | | | |
| | 76.1 | | 16 | 22 | 47848 | 7 | d | | | | |
| | 666 | | 16 | 22 | 47848 | 8 | d | g | | | |
| | 74.7 | | 16 | 22 | 47848 | 9 | d | | | | |
| | 652 | | 16 | 22 | 47848 | 6 | d | g | | | |
| mevinphos | 44.1 | | 4 | 18 | 58597 | 5 | 1 | | | | |
| | 5.9 | | 2 | 48 | 111209 | 15 | | | | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| mevinphos | 1.27 | | 2 | 48 | 111209 | 14 | | | | | |
| molinate | 129 | | 12 | 79 | 90464 | 13 | i | | | | |
| | 27 | | 12 | 79 | 90464 | 14 | d | | | | |
| | 159 | | 12 | 79 | 90464 | 15 | d | | | | |
| monocrotophos | 8.08 | | 2 | 31 | 48243 | 3 | d | | | | |
| naled | 1.53 | | 16 | 104 | 72175 | 9 | d | | | | |
| napropamide | 50.6 | | 2 | 59 | 51653 | 10 | i | | | | |
| naptalam,sodium salt | 241 | | 2 | 28 | 88034 | 2 | t | d | | | |
| nicosulfuron | 63 | a | 9 | 23 | 115375 | 3 | | | | | |
| nitrapyrin | 59 | | 4 | 16 | 52325 | 7 | | | | | |
| norflurazon | 348 | | 16 | 46 | 52145 | 7 | i | | | | |
| oryzalin | 10 | | 2 | 76 | 87836 | 6 | | | | | |
| oxadiazon | 8400 | | 11 | 49 | 68941 | 4 | 1 | n | d | | |
| | 5740 | | 11 | 49 | 68941 | 5 | 1 | n | d | | |
| | 2020 | | 11 | 49 | 68941 | 9 | | | | | |
| oxamyl | 5.63 | | 5 | 96 | 111373 | 34 | d | | | | |
| oxyfluorfen | 603 | | 2 | 105 | 74042 | 3 | | | | | |
| oxythioquinox | 3.68 | | 2 | 67 | 87781 | 2 | | | | | |
| | 3.42 | | 7 | 104 | 127211 | 13 | s | d | | | |
| | 4.06 | | 7 | 104 | 127211 | 12 | s | d | | | |
| | .47 | | 7 | 104 | 127211 | 11 | s | d | | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| paraquat dichloride | 644 | | 2 | 182 | 85461 | 4 | d | a | | | |
| pebulate | 257 | | 2 | 11 | 54197 | 6 | | | | | |
| pendimethalin | 60 | G | 2 | 78 | 61318 | 3 | a | | | | |
| pentachloronitrobenzene | 15.4 | | 2 | 58 | 75544 | 6 | | | | | |
| | 9 | | 2 | 80 | 95355 | 15 | | | | | |
| permethrin | 21.7 | | 2 | 324 | 51238 | 23 | d | i | | | |
| | 78.4 | | 2 | 324 | 51238 | 24 | d | i | | | |
| phenmedipham | 38.1 | | 3 | 38 | 71776 | 3 | | | | | |
| | 56.6 | | 3 | 38 | 71776 | 4 | | | | | |
| phorate | 14.38 | | | 40 | 58976 | 17 | 1 | | | | |
| phosmet | 26.7 | | 4 | 87 | 92004 | 10 | d | | | | |
| picloram | 300 | g | 12 | 20 | 51756 | 21 | | | | | |
| | 300 | g | 7 | 20 | 51756 | 22 | | | | | |
| | 300 | g | 3 | 20 | 51756 | 24 | | | | | |
| | 300 | g | 2 | 20 | 51756 | 26 | | | | | |
| | 5090 | | 4 | 20 | 51756 | 28 | | | | | |
| | 300 | g | 4 | 20 | 51756 | 27 | | | | | |
| | 300 | g | 9 | 20 | 51756 | 25 | | | | | |
| | 300 | g | 4 | 20 | 51756 | 23 | | | | | |
| piperonyl butoxide | 1710 | | 2 | 39 | 89919 | 3 | | | | | |
| | 144 | | 2 | 39 | 89922 | 5 | | | | | |
| prodiamine | 19.6 | a | 4 | 58 | 124583 | 2 | d | | | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| profenofos | 2.9 | a | 2 | 84 | 111348 | 6 | | | | | |
| prometon | 61 | g | 2 | 51 | 85317 | 5 | d | | | | |
| prometryn | 316 | | | 21 | 52882 | 10 | | | | | |
| propanil | 3.04 | | 7 | 12 | 97270 | 1 | | | | | |
| propargite | 145 | | 2 | 49 | 48132 | 2 | N | T | | | |
| | 435 | | 2 | 49 | 48132 | 3 | N | T | | | |
| propiconazole | 211 | | 7 | 87 | 74107 | 4 | a | | | | |
| propyzamide | 762 | | 2 | 56 | 88343 | 9 | | | | | |
| pyrazon | 607 | | 2 | 30 | 90221 | 4 | m | d | | | |
| | 370 | | 5 | 30 | 90221 | 5 | m | d | | | |
| pyridate | .29 | a | 7 | 8 | 125434 | 5 | | | | | |
| | 60 | g | 7 | 8 | 125434 | 6 | d | | | | |
| resmethrin | 186 | | 2 | 215 | 91825 | 4 | d | | | | |
| riclpyr | .5 | l | 2 | 49 | 66736 | 1 | d | u | d | | |
| | .5 | l | 2 | 49 | 66736 | 2 | d | u | d | | |
| | 16.2 | | 2 | 49 | 66736 | 5 | | | | | |
| | 88.6 | | 2 | 49 | 66736 | 6 | t | | | | |
| sethoxydim | 25 | | 2 | 77 | 58815 | 7 | d | | | | |
| simazine | 84 | G | | 55 | 50517 | 12 | | | | | |
| | 70.5 | A | 2 | 55 | 50517 | 13 | | | | | |
| | 57.8 | | 2 | 55 | 50517 | 14 | | | | | |
| | 258 | | 2 | 55 | 50870 | 15 | g | 1 | i | | |

ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| sodium tetrathiocarbonate | 87 | a | 11 | 24 | 67144 | 2 | | | | m | d |
| sulfometuron methyl | 104 | | 2 | 16 | 48228 | 3 | | | | | |
| | 86.4 | | 7 | 16 | 48228 | 5 | | | | | |
| | 72.4 | | 7 | 16 | 48228 | 7 | | | | | |
| | 324 | | 7 | 16 | 48228 | 9 | i | g | | | |
| | 419 | | 4 | 16 | 48228 | 12 | g | | | | |
| | 139 | | 7 | 16 | 48228 | 13 | g | | | | |
| | 228 | | 7 | 16 | 48228 | 10 | g | | | | |
| | 183 | | 2 | 16 | 48228 | 8 | g | | | | |
| | 77.1 | | 4 | 16 | 48228 | 6 | | | | | |
| | 241 | | 7 | 16 | 48228 | 4 | i | | | | |
| sulfosate | 52.4 | g | 2 | 6 | 90896 | 1 | d | a | | | |
| tebuthiuron | 1520 | | 4 | 31 | 52166 | 4 | 1 | | | | |
| temephos | 21.2 | | 1 | 25 | 68088 | 2 | d | s | | | |
| terbacil | 178 | | 7 | 27 | 59537 | 3 | d | | | | |
| terbutryn | 36.8617021 | | 2 | 24 | 53529 | 1 | | | | | |
| thiobencarb | 261 | | 9 | 115 | 54006 | 6 | i | | | | |
| | 350 | | 12 | 115 | 54006 | 7 | i | | | | |
| thiodicarb | .13 | a | 2 | 65 | 112808 | 2 | i | | | | |
| thiophanate-methyl | 2.24 | | 7 | 43 | 55943 | 1 | i | | | | |
| tralomethrin | 35 | a | 2 | 49 | 98970 | 9 | | | | | |
| triadimefon | 23.1 | | 2 | 161 | 87776 | 6 | d | | | | |

## ANAEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| triadimefon | 217 | a | 10 | 213 | 116344 | 9 | | | | | i |
| tributyl phosphorotrithioate | 389 | | 2 | 55 | 97562 | 3 | D | U | T | | |
| | 54.1 | a | 10 | 96 | 131504 | 9 | | | | | |
| trichlorophon | 1.87 | | 2 | 146 | 85341 | 2 | | | | | |
| triclopyr, butoxyethyl ester | .5 | l | 2 | 49 | 66736 | 1 | d | u | d | | |
| | .5 | l | 2 | 49 | 66736 | 2 | d | u | d | | |
| | 16.2 | | 2 | 49 | 66736 | 5 | | | | | |
| | 88.6 | | 2 | 49 | 66736 | 6 | t | | | | |
| triclopyr, triethylamine salt | 1300 | | 2 | 49 | 66736 | 1 | | | | | |
| | 1300 | | 2 | 49 | 66736 | 1 | | | | | |
| | 1900 | | 2 | 49 | 66736 | 2 | M | | | | |
| | 1900 | | 2 | 49 | 66736 | 2 | M | | | | |
| trifluralin | 52 | | 2 | 121 | 85098 | 18 | | | | | |
| | 25 | | 4 | 121 | 85098 | 19 | | | | | |
| | 35 | | 11 | 121 | 85098 | 20 | | | | | |
| vernolate | 61 | G | 2 | 18 | 50695 | 5 | I | A | | | |
| vinclozolin | 15.3 | | 3 | 64 | 87828 | 11 | | | | | |

279 rows selected.

## VI. AEROBIC METABOLISM HALF-LIFE

Column Heading Key

t½
days = Aerobic metabolism half-life in days

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## Soil Type Key

1 - sand
2 - sandy loam
3 - loamy sand
4 - loam
5 - sandy clay loam
6 - sandy clay
7 - silty loam
8 - silt
9 - silty clay loam
10 - silty clay
11 - clay loam
12 - clay
13 - mineral
14 - humus
15 - muck
16 - aquatic sediment

## AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 11.5 | a | 7 | 69 | 121341 | 38 | t | | | | |
| | 53.9 | a | 3 | 69 | 121341 | 39 | t | | | | |
| 2,4-D | 66 | | 7 | 130 | 91953 | 11 | | | | | |
| 4(2,4-db), dimethylamine salt | 24.5 | | 2 | 11 | 87780 | 6 | d | u | m | t | |
| EPTC | 24.8 | | 2 | 84 | 75769 | 13 | d | | | | |
| | 63 | | 4 | 84 | 75769 | 14 | d | | | | |
| | 24.8 | | 2 | 84 | 75769 | 25 | d | | | | |
| | 38.5 | | 7 | 84 | 75769 | 27 | d | | | | |
| | 63 | | 4 | 84 | 75769 | 26 | d | | | | |
| | 38.5 | | 7 | 84 | 75769 | 15 | d | | | | |
| MCPA, dimethlamine salt | 24 | | 2 | 34 | 87190 | 2 | d | | | | |
| acephate | 2 | | 4 | 163 | 54153 | 12 | | | | | |
| | 2 | | 9 | 163 | 54150 | 15 | n | | | | |
| | 13 | | 15 | 163 | 54150 | 17 | n | | | | |
| | 7 | | 3 | 163 | 54152 | 18 | d | | | | |
| | 1.5 | | 12 | 163 | 54150 | 16 | n | | | | |
| | 4 | | 3 | 163 | 54152 | 19 | d | | | | |
| | 1.5 | | 4 | 163 | 54150 | 21 | n | d | | | |
| | 1 | | 3 | 163 | 54150 | 23 | n | d | | | |
| | 6 | | 15 | 163 | 54150 | 25 | n | | | | |
| | .5 | | 5 | 163 | 54150 | 24 | n | d | | | |
| | 1 | | 5 | 163 | 54150 | 30 | n | | | | |
| | 1 | | 3 | 163 | 54150 | 29 | n | | | | |
| | .5 | | 12 | 163 | 54150 | 28 | n | | | | |
| | 3 | | 4 | 163 | 54150 | 27 | n | | | | |
| | 1.5 | | 12 | 163 | 54150 | 26 | n | | | | |
| | .5 | | 12 | 163 | 54150 | 22 | n | d | | | |
| | 1.5 | | 12 | 163 | 54150 | 20 | n | d | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| acrolein | .18 | | 2 | 32 | 95528 | 1 | d | g | | | |
| | .135 | | 2 | 32 | 95528 | 2 | d | g | | | |
| alachlor | 33.92 | | 11 | 96 | 47606 | 12 | | | | | |
| | 15 | | 2 | 96 | 47606 | 13 | | | | | |
| | 11 | | 8 | 96 | 47606 | 14 | | | | | |
| aldicarb | 2.32 | | 2 | 177 | 96024 | 43 | d | | | | |
| | 1.23 | | 2 | 177 | 96024 | 48 | d | | | | |
| ametryne | 36.8617021 | G | | 7 | 54639 | 7 | | | | | |
| amitraz | .2 | l | 2 | 75 | 75472 | 6 | | | | | |
| | .2 | | 7 | 75 | 75472 | 7 | d | | | | |
| amitrole | 3.7 | L | 4 | 34 | 49527 | 4 | | | | | |
| anilazine | 1.42 | | 2 | 82 | 71588 | 1 | s | d | d | | |
| | 1.4 | | 2 | 88 | 95564 | 3 | m | d | | | |
| atrazine | 146 | | 4 | 117 | 71768 | 27 | | | | | |
| azinphosmethyl | 44 | | 2 | 159 | 49799 | 2 | | | | | |
| baythroid | 56 | | 4 | 57 | 49825 | 5 | | | | | |
| | 63 | | 2 | 57 | 49825 | 6 | | | | | |
| bendiocarb | 3.4 | | 2 | 72 | 89193 | 10 | d | | | | |
| | 3.5 | | 9 | 72 | 89193 | 11 | d | | | | |
| benefin | 51 | | 2 | 43 | 95529 | 8 | | | | | |
| benomyl | .792 | | 7 | 113 | 85101 | 9 | | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| bensulide | 432 | | 4 | 11 | 64709 | 3 | | | | | |
| bentazon | 65 | | 2 | 61 | 65792 | 4 | 9 | | | | |
| | 24 | | 12 | 61 | 65792 | 6 | 9 | | | | |
| | 31 | | 3 | 61 | 65792 | 5 | 9 | | | | |
| bifenox | 21.2 | | 2 | 39 | 54502 | 6 | | | | | |
| | 19.1 | | 2 | 39 | 54502 | 7 | | | | | |
| bifenthrin | 114 | | 2 | 91 | 90344 | 1 | t | | | | |
| | 132 | | 2 | 91 | 90344 | 2 | t | | | | |
| bromacil | 240 | | 7 | 18 | 48331 | 12 | | | | | |
| | 360 | | 7 | 18 | 48331 | 13 | | | | | |
| | 458 | | 7 | 18 | 48331 | 15 | N | 1 | | | |
| | 328 | | 7 | 18 | 48331 | 14 | N | 1 | | | |
| bromoxynil -octanonate | 2.82 | | 2 | 122 | 91970 | 6 | d | | | | |
| butylate | 53.7 | | 2 | 56 | 85034 | 8 | s | | | | |
| | 23.9 | | 2 | 56 | 85034 | 12 | s | d | | | |
| | 131 | | 2 | 56 | 85304 | 13 | s | d | | | |
| captafol | 10.7 | | 2 | 105 | 54094 | 3 | | | | | |
| | 9 | | 2 | 105 | 54140 | 4 | | | | | |
| captan | 1.06 | | 2 | 140 | 53468 | 6 | | | | | |
| | 12.8 | | 2 | 240 | 73989 | 10 | s | | | | |
| carbaryl | 5.5 | | 2 | 227 | 96740 | 23 | d | | | | |
| | 5.5 | | 2 | 227 | 96740 | 24 | d | | | | |
| carbofuran | 22 | | 2 | 114 | 53059 | 14 | 9 | | | | |
| | 22.1 | | 2 | 114 | 53059 | 26 | | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| chlorflurenol | .11 | | 2 | 11 | 50310 | 1 | 9 | | | | |
| | .04 | | 2 | 11 | 50311 | 2 | 9 | | | | |
| chloropicrin | .374 | | 2 | 32 | 64762 | 4 | d | | | | |
| | 5.13 | | 2 | 48 | 95672 | 5 | | | | | |
| chlorothalonil | 68.1 | | 9 | 159 | 73527 | 23 | d | | | | |
| | 24.1 | | 4 | 159 | 73527 | 24 | d | | | | |
| | 24 | | 2 | 159 | 73527 | 26 | d | | | | |
| | 30.8 | | 4 | 159 | 73257 | 28 | g | d | | | |
| | 21 | | 2 | 159 | 73257 | 30 | g | d | | | |
| | 18.3 | | 2 | 159 | 73257 | 29 | g | d | | | |
| | 154 | | 9 | 159 | 73257 | 27 | g | d | | | |
| | 22.2 | | 2 | 159 | 73527 | 25 | d | | | | |
| chlorpyrifos | 179 | | 12 | 292 | 52346 | 16 | | | | | |
| | 166 | | 2 | 292 | 52346 | 24 | | | | | |
| | 79 | | 9 | 292 | 52346 | 23 | | | | | |
| | 179 | | | 292 | 52346 | 37 | | | | | |
| | 166 | | | 292 | 52346 | 36 | | | | | |
| | 79 | | | 292 | 52346 | 35 | | | | | |
| | 57.4 | | | 292 | 52346 | 34 | | | | | |
| | 131 | | | 292 | 52346 | 33 | | | | | |
| | 86.2 | | | 292 | 52346 | 32 | | | | | |
| | 68.4 | | | 292 | 52346 | 31 | | | | | |
| | 166 | | 2 | 292 | 52346 | 25 | | | | | |
| | 68 | | 4 | 292 | 52346 | 17 | | | | | |
| | 86 | | 4 | 292 | 52346 | 20 | | | | | |
| | 131 | | 3 | 292 | 52346 | 21 | | | | | |
| | 57 | | 7 | 292 | 52346 | 22 | | | | | |
| chlorsulfuron | 38.1 | | 7 | 28 | 48456 | 14 | n | d | s | | |
| | 14.1 | | 7 | 28 | 48456 | 17 | n | d | | | |

## AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| chlorsulfuron | 39.9 | | 7 | 28 | 48456 | 15 | n | d | s | | |
| | 19.4 | | 7 | 28 | 48456 | 16 | n | d | | | |
| chlorthal dimethyl | 33.9 | | 9 | 16 | 53300 | 2 | | | | | |
| | 14.0567951 | | 2 | 16 | 53300 | 4 | | | | | |
| | 37.6630435 | | 2 | 16 | 53302 | 3 | | | | | |
| | 17.7 | | 2 | 26 | 68078 | 19 | | | | | |
| | 38.8 | | 2 | 26 | 68078 | 18 | | | | | |
| | 16.8 | | 9 | 26 | 68078 | 17 | | | | | |
| clethodim | 2.6 | a | 2 | 76 | 116023 | 7 | | | | | d |
| | 1.98 | | 2 | 77 | 115174 | 10 | | | | | |
| | 2.26 | a | 2 | 77 | 115174 | 12 | d | | | | |
| | 1.17 | | 2 | 77 | 115174 | 11 | | | | | d |
| | 1.16 | | 2 | 77 | 115514 | 9 | | | | | d |
| | 4.75 | a | 2 | 76 | 116023 | 8 | | | | | |
| clofentezine | 34 | | 12 | 14 | 49947 | 5 | d | d | d | | |
| | 114 | | 3 | 14 | 49947 | 6 | d | d | d | | |
| | 69 | | 11 | 14 | 49947 | 7 | d | d | d | | |
| coumaphos | 2970 | | 2 | 53 | 69606 | 1 | 1 | | | | |
| cyanazine | 15.4342984 | | 2 | 59 | 50033 | 10 | | | | | |
| cycloate | 43.1 | | 9 | 40 | 87759 | 6 | | | | | |
| cypermethrin | 893 | 0 | 11 | 56 | 51466 | 10 | | | | | |
| | 1920 | 0 | | 56 | 51466 | 12 | d | | | | |
| | 496 | 0 | 3 | 56 | 51466 | 11 | | | | | |
| dazomet | .75 | | 3 | 9 | 64147 | 1 | d | | | | |
| desmedipham | 94.6 | | 3 | 53 | 69819 | 6 | 5 | d | | | |

## AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| diazinon | 39.7 | | 2 | 228 | 91815 | 15 | | | | | |
| dicamba | 4 | | 11 | 55 | 50423 | 8 | | | | | |
| | 15.3 | | 4 | 67 | 66680 | 17 | | | | | |
| dichloran | 549 | | 2 | 38 | 71078 | 2 | t | | | | |
| diclofop-methyl | 33 | | 2 | 66 | 85647 | 5 | | | | | |
| | 78 | | 2 | 66 | 85647 | 11 | d | m | | | |
| | 21 | | 7 | 66 | 85647 | 13 | d | | | | |
| | 44.8 | | 2 | 66 | 85647 | 15 | d | | | | |
| | 55.6 | | 3 | 66 | 85647 | 14 | d | | | | |
| | 32.7 | | 2 | 66 | 85647 | 12 | d | | | | |
| | 27 | | 2 | 66 | 85647 | 10 | d | | | | |
| | 27.6 | | 3 | 66 | 85647 | 7 | d | m | | | |
| | 11 | | 2 | 66 | 85647 | 8 | d | m | | | |
| | 57 | | 2 | 66 | 85647 | 9 | d | m | | | |
| | 4.18 | | 7 | 66 | 85647 | 6 | d | m | | | |
| dicofol | 66.4 | | 7 | 82 | 72582 | 8 | | | | | |
| dicrotophos | 3 | a | 2 | 20 | 49097 | 2 | | | | | |
| | 7 | a | 2 | 20 | 49098 | 3 | | | | | |
| didecyldimethylammoniumchlorid | 365 | g | 3 | 174 | 98238 | 2 | a | | | | |
| | 365 | g | 16 | 175 | 98237 | 3 | a | | | | |
| dienochlor | 1.01 | | 2 | 25 | 88789 | 3 | | | | | |
| difenzoquat methyl sulfate | 3180 | | 2 | 53 | 71451 | 1 | a | d | | | |
| | 29.8 | | 2 | 29 | 86289 | 6 | t | | | | |
| diflubenzuron | 2.08 | | 2 | 116 | 95635 | 13 | d | d | d | | |

## AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| diiodomethyl-p-tolyl sulfone | 93.8 | a | 2 | 19 | 114534 | 1 | | | | | |
| dimethoate | 2.38 | | 2 | 69 | 73261 | 8 | | | | | |
| diphenamid | 244 | | 2 | 34 | 64453 | 4 | 9 | | | | |
| | 254 | | 3 | 34 | 64454 | 5 | 9 | | | | |
| diquat dibromide | 3450 | | 2 | 79 | 72124 | 11 | a | | | | |
| | | | 1 | 81 | 72126 | 14 | a | d | | | |
| disulfoton | 1.6902439 | | 2 | 164 | 59648 | 11 | | | | | |
| diuron | 372 | | 7 | 46 | 91875 | 16 | t | | | | |
| endosulfan | 25.6 | | 7 | 58 | 67062 | 8 | | | | | |
| | 37.5 | | 2 | 58 | 67062 | 9 | | | | | |
| endothall, disodium salt | 8.5 | | 2 | 42 | 55503 | 4 | 1 | | | | |
| esfenvalerate | 105 | a | 2 | 8 | 118232 | 5 | 1 | i | t | | |
| ethalfluralin | 45 | | 2 | 29 | 86747 | 5 | t | | | | |
| ethephon | 7.5 | a | 2 | 102 | 96028 | 1 | | | | | i |
| ethion | 101 | | 2 | 65 | 51456 | 5 | 1 | | | | |
| | 101.612903 | | 2 | 65 | 51456 | 7 | | | | | |
| ethofumesate | 82.9 | | 7 | 65 | 52932 | 12 | | | | | |
| | 103 | | 5 | 65 | 52931 | 13 | 9 | | | | |
| ethoprop | 43.4 | | 5 | 61 | 54128 | 6 | 9 | | | | |
| | 24.8 | | 5 | 62 | 54128 | 7 | | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| ethoprop | 43.4 | | 2 | 61 | 54128 | 8 | 9 | | | | |
| | 24.1 | | 2 | 62 | 54128 | 9 | | | | | |
| fenamiphos | 34.4 | | 2 | 110 | 49751 | 7 | | | | | |
| | 2 | | 2 | 165 | 95552 | 10 | d | u | | | |
| | 86.3 | | 2 | 110 | 49751 | 8 | g | | | | |
| | 21.6 | | 10 | 140 | 71902 | 12 | | | | | |
| | 19.4 | | 7 | 140 | 71902 | 14 | | | | | |
| | 26.5 | | 7 | 140 | 71902 | 16 | d | | | | |
| | 23.8 | | 12 | 140 | 71902 | 18 | | | | | |
| | 24.6 | | 10 | 140 | 71902 | 17 | | | | | |
| | 29.4 | | 7 | 140 | 71920 | 21 | d | | | | |
| | 19.8 | | 3 | 140 | 71920 | 20 | d | | | | |
| | 35.1 | | 7 | 140 | 71902 | 19 | d | | | | |
| | 17.6 | | 3 | 140 | 71902 | 15 | d | | | | |
| | 27.3 | | 12 | 140 | 71902 | 13 | | | | | |
| fenarimol | 1100 | | 2 | 69 | 95530 | 5 | e | d | | | |
| fenbutatin oxide | 90 | G | 3 | 33 | 63778 | 1 | | | | | |
| | 90 | G | 5 | 39 | 63778 | 3 | | | | | |
| | 90 | G | 9 | 39 | 63778 | 2 | | | | | |
| fenoxaprop-ethyl | 18.7 | a | 2 | 63 | 120771 | 11 | d | | | | |
| | 15.5 | a | 7 | 63 | 120776 | 15 | d | e | | | |
| | 18.4 | a | 1 | 63 | 120776 | 16 | d | e | | | |
| | 19.8 | a | 2 | 63 | 120771 | 12 | d | | | | |
| | 21.3 | a | 2 | 63 | 120772 | 14 | d | | | | |
| fenpropathrin | 42.9 | | 12 | 18 | 48189 | 4 | d | | | | |
| | 16.8 | | 12 | 18 | 48189 | 30 | | | | | |
| | 395 | | 5 | 18 | 48189 | 11 | d | g | | | |
| | 196 | a | 4 | 104 | 120343 | 36 | d | | | | |
| | 152 | a | 7 | 79 | 91160 | 35 | | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| fenpropathrin | 4 | | 11 | 18 | 48186 | 32 | q | | | | |
| | 9.8 | | 5 | 18 | 48189 | 31 | | | | | |
| | 40.7 | | 12 | 18 | 48189 | 6 | d | | | | |
| | 46.1 | | 5 | 18 | 48189 | 8 | d | | | | |
| | 720 | | 5 | 18 | 48189 | 9 | d | g | | | |
| | 47.9 | | 5 | 18 | 48189 | 10 | d | | | | |
| | 3060 | | 12 | 18 | 48189 | 7 | d | g | | | |
| | 847 | | 12 | 18 | 48189 | 5 | d | g | | | |
| fenvalerate | 136 | | 2 | 107 | 49363 | 5 | | | | | |
| | 269 | | 7 | 107 | 49363 | 6 | | | | | |
| | 130 | | 9 | 107 | 49363 | 7 | | | | | |
| | 180 | | 2 | 107 | 49365 | 8 | | | | | |
| fluazifop-butyl | 1.43 | | 2 | 75 | 85328 | 8 | s | d | | | |
| | 1.45 | | 2 | 75 | 85328 | 9 | s | d | | | |
| fluometuron | 10.9 | | 4 | 14 | 53167 | 7 | | | | | |
| fluvalinate | 8.3 | | 2 | 103 | 89221 | 10 | d | d | | | |
| | 14.9 | | 2 | 103 | 89221 | 11 | d | d | | | |
| fonofos | 9.4 | | 4 | 28 | 50675 | 10 | 3 | | | | |
| | 115 | | 2 | 29 | 59897 | 16 | | | | | |
| | 184 | | 2 | 29 | 59597 | 18 | 1 | | | | |
| | 10.6 | | | 28 | 50678 | 12 | | | | | |
| formetanate HCl | 6.4 | | 2 | 33 | 71675 | 5 | 9 | d | | | |
| | 9 | | 1 | 33 | 71675 | 6 | d | 9 | | | |
| fosethyl -Al | .0633 | | 11 | 32 | 53760 | 7 | | | | | |
| | .00987 | | 2 | 32 | 53760 | 8 | | | | | |
| glyphosate | 68.5 | | 2 | 209 | 95894 | 11 | d | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| glyphosate | 61.6 | | 7 | 209 | 95894 | 12 | d | d | | | |
| | 185.5 | | 9 | 153 | 47901 | 15 | | | | | |
| | 130 | | 16 | 153 | 47901 | 14 | | | | | |
| | 36.4 | | 16 | 153 | 47901 | 13 | | | | | |
| hexazinone | 216 | | 2 | 53 | 91816 | 5 | d | t | | | |
| | 216 | a | 2 | 55 | 111413 | 6 | T | U | | | |
| | 235 | | 2 | 55 | 111413 | 7 | D | T | | | |
| | 1440 | | 2 | 55 | 111413 | 9 | G | T | U | | |
| | 1750 | | 2 | 55 | 111413 | 8 | D | T | G | | |
| hydramethylnon | 383 | a | 2 | 53 | 118197 | 3 | 4 | t | i | e | |
| imazethapyr | 4630 | a | 2 | 36 | 117575 | 1 | | | | | |
| | 3100 | a | 3 | 35 | 117573 | 11 | | | | | |
| | 1120 | a | 2 | 35 | 117567 | 8 | | | | | |
| | 1170 | a | 11 | 35 | 117570 | 9 | | | | | |
| | 2040 | a | 4 | 35 | 117571 | 10 | | | | | |
| imidacloprid | 997 | | 2 | 28 | 119536 | 4 | | | | | |
| iprodione | 50 | | 11 | 104 | 68987 | 2 | n | 5 | | | |
| | 160 | | 11 | 104 | 68987 | 5 | 5 | | | | |
| | 20 | | 10 | 104 | 68987 | 4 | 5 | | | | |
| | 61.9 | a | 2 | 148 | 130429 | 15 | | | | | |
| | 10.4 | a | 2 | 148 | 130429 | 14 | m | | | | |
| | 80 | | 11 | 104 | 68987 | 3 | n | 5 | | | |
| isazophos | 4.17 | | 2 | 68 | 89543 | 3 | d | | | | |
| isoxaben | 318 | | 2 | 19 | 75393 | 4 | | | | | |
| | 168 | | 4 | 19 | 75393 | 5 | d | | | | |
| | 129 | | 11 | 19 | 75393 | 6 | | | | | |

## AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| lindane | 980 | a | 2 | 42 | 65768 | 9 | 1 | | | | |
| linuron | 17.2 | g | 16 | 24 | 67344 | 1 | | | | | |
| | 1 | L | | 34 | 49527 | 3 | | | | | |
| | 48.9 | | 2 | 64 | 88910 | 20 | t | d | | | |
| malathion | 2.5 | | 3 | 109 | 74447 | 9 | | | | | |
| mancozeb | 2 | l | 7 | 68 | 74419 | 2 | | | | | |
| mecoprop | 13.3 | | 2 | 4 | 67923 | 2 | | | | | |
| | 13.3 | | 2 | 4 | 67923 | 4 | l | d | | | |
| mepiquat chloride | 34.2 | | 2 | 19 | 54618 | 1 | 9 | | | | |
| | 24.2 | | 11 | 19 | 54618 | 2 | 9 | | | | |
| | 60 | l | 3 | 19 | 54619 | 3 | 9 | | | | |
| metalaxyl | 62.4 | | 3 | 174 | 54257 | 1 | 9 | | | | |
| metaldehyde | 67.2 | | 2 | 53 | 88577 | 1 | | | | | |
| metam sodium | .016 | | 1 | 9 | 57758 | 1 | | | | | |
| methamidophos | .583 | | 2 | 108 | 85519 | 4 | d | | | | |
| methidathion | 3.1 | | 2 | 111 | 90382 | 4 | 4 | | | | |
| methiocarb | 17.7 | | 2 | 147 | 75731 | 8 | s | d | | | |
| | 111 | | 2 | 147 | 75731 | 9 | | | | | |
| methomyl | 46.2 | | 7 | 175 | 48395 | 4 | | | | | |
| methyl bromide | 1.46 | | 5 | 106 | 73933 | 4 | 4 | | | | |
| | 17.8 | | 11 | 105 | 70489 | 9 | d | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| methyl bromide | 19.9 | | 2 | 105 | 70489 | 8 | d | | | | |
| | .158 | | 11 | 106 | 73933 | 6 | 4 | | | | |
| methyl parathion | 19.8 | | 2 | 90 | 89082 | 11 | d | | | | |
| | 4.09 | | 2 | 93 | 96574 | 12 | d | | | | |
| metiram | 1.02 | | 3 | 28 | 53201 | 1 | | | | | |
| | .0208 | | 4 | 28 | 53201 | 2 | | | | | |
| metolachlor | 26 | | 2 | 236 | 111374 | 14 | | | | | |
| metribuzin | 107 | | 2 | 183 | 63167 | 8 | d | | | | |
| | 172 | | 2 | 198 | 95597 | 11 | i | | | | |
| metsulfuron-methyl | 23 | | 7 | 22 | 47845 | 1 | | | | | |
| | 25 | | 7 | 22 | 47845 | 2 | | | | | |
| mevinphos | 4.26 | | 2 | 49 | 111210 | 12 | | | | | |
| | 10.9 | | 2 | 49 | 111210 | 13 | | | | | |
| molinate | 41 | | 12 | 79 | 90463 | 12 | g | | | | |
| monocrotophos | 4.8 | | 3 | 31 | 48242 | 4 | | | | | |
| | 12 | | 5 | 31 | 48242 | 6 | | | | | |
| | 3.77 | | 9 | 31 | 48242 | 5 | | | | | |
| naled | 3 | | | 94 | 59455 | 1 | 9 | | | | |
| napropamide | 455 | | 2 | 76 | 74041 | 8 | d | | | | |
| nicosulfuron | 26 | a | 9 | 22 | 115374 | 1 | | | | | |
| | 178 | a | 9 | 22 | 115374 | 2 | g | | | | |
| nitrapyrin | 24.2 | | 4 | 16 | 52324 | 1 | | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| nitrapyrin | 25.9 | | 2 | 16 | 52324 | 6 | | | | | |
| | 52.7 | | 12 | 16 | 52324 | 3 | | | | | |
| | 18.5 | | 11 | 16 | 52324 | 4 | | | | | |
| | 28.6 | | 9 | 16 | 52324 | 2 | | | | | |
| | 28.9 | | 7 | 16 | 52324 | 5 | | | | | |
| norflurazon | 123 | B | 4 | 46 | 52144 | 3 | 1 | | | | |
| | 145 | H | 4 | 46 | 52144 | 4 | 1 | | | | |
| | 180 | B | 16 | 46 | 52144 | 5 | 1 | | | | |
| | 240 | H | 16 | 46 | 52144 | 6 | 1 | | | | |
| oryzalin | 63.3 | | 2 | 76 | 87836 | 7 | | | | | |
| oxadiazon | 525 | | 11 | 49 | 68941 | 1 | 1 | n | d | | |
| | 693 | | 11 | 49 | 68941 | 2 | 1 | n | d | | |
| | 1700 | | 11 | 49 | 68941 | 3 | 1 | n | d | | |
| | 159 | | 10 | 49 | 68940 | 7 | | | | | |
| | 604 | | 11 | 49 | 68941 | 8 | | | | | |
| | 188 | | 10 | 49 | 68941 | 6 | | | | | |
| oxamyl | 10.7 | | 5 | 96 | 111373 | 33 | d | | | | |
| oxydemeton methyl | 1 | L | 7 | 113 | 49640 | 1 | | | | | |
| | 1 | L | 2 | 113 | 49640 | 2 | | | | | |
| oxyfluorfen | 293 | | 2 | 102 | 71680 | 4 | 4 | d | | | |
| | 576 | | 11 | 102 | 71680 | 5 | 4 | d | | | |
| oxythioquinox | .0603 | | 2 | 67 | 87781 | 1 | d | s | 4 | | |
| | 50 | | 2 | 46 | 49762 | 3 | s | d | | | |
| | 1 | a | 9 | 90 | 114845 | 10 | | | | | i |
| | 28.5 | | 7 | 46 | 49762 | 4 | s | d | | | |
| paraquat dichloride | 620 | | 2 | 182 | 85460 | 3 | h | d | a | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| pebulate | 35.5 | | 2 | 21 | 68257 | 4 | | | | | |
| | 251 | | 2 | 21 | 68257 | 14 | | | | | |
| | 9.5 | | 2 | 20 | 68256 | 15 | | | | | |
| | 82.5 | | 2 | 21 | 68257 | 16 | d | | | | |
| | 231 | | 2 | 21 | 68257 | 17 | d | | | | |
| | 10.3 | | 2 | 20 | 68256 | 13 | | | | | |
| | 135 | l | 2 | 21 | 68257 | 5 | | | | | |
| pendimethalin | 1320 | A | 2 | 76 | 57760 | 4 | 1 | a | | | |
| pentachloronitrobenzene | 80.2 | | 2 | 58 | 75543 | 5 | d | | | | |
| | 76.8 | | 2 | 79 | 95353 | 14 | | | | | |
| permethrin | 42 | L | 2 | 324 | 51236 | 1 | | | | | |
| | 42 | L | 15 | 324 | 51236 | 4 | | | | | |
| | 20.4 | | 5 | 324 | 51235 | 5 | 9 | | | | |
| | 21.7 | | 5 | 324 | 51235 | 7 | 9 | | | | |
| | 10.5 | G | 2 | 324 | 51237 | 9 | | | | | |
| | 38.5 | L | 1 | 324 | 51237 | 11 | | | | | |
| | 10.5 | G | 15 | 324 | 51237 | 12 | | | | | |
| | 10.5 | G | 11 | 324 | 51237 | 10 | | | | | |
| | 10.5 | L | 3 | 324 | 51235 | 8 | 9 | | | | |
| | 10.5 | L | 5 | 324 | 51235 | 6 | 9 | | | | |
| | 42 | L | 11 | 324 | 51236 | 2 | | | | | |
| | 42 | L | 1 | 324 | 51236 | 3 | | | | | |
| phenmedipham | 28.6 | | 3 | 38 | 71775 | 1 | m | 4 | | | |
| | 20 | | 3 | 30 | 52800 | 5 | | | | | |
| | 120 | | 2 | 30 | 52800 | 6 | | | | | |
| | 13.3 | | 3 | 37 | 69956 | 7 | | | | | |
| | 88.3 | | 2 | 38 | 71775 | 2 | m | 4 | | | |
| phorate | 3 | | | 41 | 58977 | 16 | | | | | |

## AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| phosmet | 7.2 | | 4 | 58 | 49399 | 8 | m | d | | | |
| phosphamidon | .771 | | 7 | 10 | 52107 | 5 | 9 | | | | |
| picloram | 412 | | 12 | 20 | 51755 | 14 | 1 | | | | |
| | 167 | | 4 | 20 | 51755 | 16 | 1 | | | | |
| | 198 | | 7 | 20 | 51755 | 15 | 1 | | | | |
| | 383 | | 3 | 20 | 51755 | 17 | 1 | | | | |
| | 513 | | 2 | 20 | 51755 | 19 | 1 | | | | |
| | 429 | | 4 | 20 | 51755 | 20 | 1 | | | | |
| | 171 | | 9 | 20 | 51755 | 18 | 1 | | | | |
| piperonyl butoxide | 109 | | 2 | 39 | 89920 | 1 | i | t | | | |
| | 49 | | 2 | 39 | 89921 | 4 | | | | | |
| pirate | 1370 | a | 2 | 19 | 125196 | 3 | d | | | | |
| | 1370 | a | 2 | 19 | 125196 | 4 | d | | | | |
| prodiamine | 106 | a | 4 | 45 | 121715 | 1 | d | | | | |
| profenofos | 1.9 | a | 2 | 88 | 115640 | 7 | | | | | |
| prometon | 459 | | 2 | 51 | 85317 | 6 | | | | | |
| prometryn | 286 | G | 3 | 21 | 52882 | 11 | | | | | |
| | 261 | | 3 | 21 | 52881 | 12 | | | | | |
| propanil | 3 | | 7 | 10 | 96988 | 2 | | | | | |
| | 1.9 | | 7 | 10 | 96988 | 3 | | | | | |
| | 2.4 | | 7 | 10 | 96988 | 4 | | | | | |
| propargite | 46.9 | | 5 | 97 | 72532 | 1 | | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| propiconazole | 60 | | 7 | 82 | 62945 | 1 | d | | | | |
| | 84.6 | | 7 | 87 | 74107 | 6 | | | | | |
| | 71.2 | | 7 | 82 | 62945 | 2 | d | | | | |
| | 70 | | 7 | 87 | 74107 | 3 | | | | | |
| | 5480 | | 7 | 87 | 74107 | 5 | g | | | | |
| propoxur | 224 | | 2 | 137 | 49962 | 4 | 1 | | | | |
| | 99 | | 7 | 137 | 49696 | 12 | d | | | | |
| | 80 | | 7 | 137 | 49696 | 15 | | | | | |
| | 167 | | 7 | 137 | 49696 | 11 | d | | | | |
| propyzamide | 392 | | 2 | 57 | 88648 | 10 | | | | | |
| pyrazon | 95.5 | | 2 | 29 | 85871 | 8 | d | | | | |
| | 152 | | 5 | 29 | 85871 | 9 | d | | | | |
| pyridate | 33 | a | 7 | 8 | 125433 | 3 | | | | | |
| | 43 | a | 2 | 8 | 125433 | 7 | | | | | |
| | 41.3 | a | 7 | 8 | 125433 | 4 | | | | | |
| pyrithiobac sodium | 60 | | 7 | 19 | 125417 | 1 | | | | | |
| resmethrin | 198 | | 2 | 215 | 91824 | 3 | | | | | |
| sethoxydim | 5 | | 3 | 51 | 54407 | 1 | | | | | |
| | 11 | | 4 | 51 | 54407 | 2 | | | | | |
| | 4 | b | 3 | 51 | 54407 | 3 | | | | | |
| | 5 | h | 3 | 51 | 54407 | 4 | | | | | |
| | 3 | l | 3 | 51 | 54408 | 6 | | | | | |
| | 11 | | 4 | 51 | 54407 | 5 | | | | | |
| simazine | 110 | | 8 | 55 | 50516 | 11 | | | | | |
| sodium tetrathiocarbonate | 1.17 | a | 2 | 46 | 99162 | 1 | | | | | d |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| sodium tetrathiocarbonate | 4.91 | a | 2 | 46 | 99162 | 7 | | | | | |
| | 8.91 | | 2 | 46 | 99162 | 9 | | | | | |
| | 7.44 | a | 2 | 46 | 99162 | 8 | | | | | |
| | 1.96 | a | 2 | 46 | 99162 | 6 | | | | | |
| | 12.7 | a | 2 | 46 | 99162 | 5 | | | | | |
| sulfometuron methyl | 51.4 | | 2 | 17 | 63024 | 2 | | | | | |
| | 53.6 | | 7 | 17 | 63024 | 14 | d | n | | | |
| | 51.4 | | 7 | 17 | 63024 | 11 | d | n | | | |
| sulprofos | 10.6 | | 2 | 66 | 72480 | 6 | i | u | | | |
| | 196 | | 2 | 66 | 72480 | 7 | i | u | | | |
| | 23 | | 2 | 66 | 72480 | 8 | i | s | | | |
| tebuthiuron | 1220 | | 2 | 42 | 87858 | 5 | d | | | | |
| terbacil | 520 | | 7 | 27 | 59536 | 2 | | | | | |
| terbutryn | 135.882353 | | 2 | 24 | 53528 | 3 | | | | | |
| | 36.9 | b | 2 | 24 | 53528 | 6 | | | | | |
| | 38.5 | h | 2 | 24 | 53528 | 7 | | | | | |
| thiobencarb | 37 | | 9 | 115 | 52895 | 3 | | | | | |
| | 37 | | 12 | 115 | 52895 | 4 | | | | | |
| thiodicarb | 3.6 | a | 2 | 65 | 112809 | 3 | o | | | | |
| thiophanate-methyl | 1 | l | 2 | 43 | 55944 | 2 | | | | | |
| | 1 | l | 2 | 43 | 55944 | 4 | | | | | |
| | 1 | l | 11 | 43 | 55944 | 3 | | | | | |
| tralomethrin | 3.21 | | 2 | 49 | 98969 | 2 | d | | | | |
| | 3.09 | | 2 | 49 | 98969 | 3 | d | | | | |

AEROBIC METABOLISM HALF-LIFE (t½)

| Active Ingredient | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| triadimefon | 5.59 | | 2 | 172 | 95476 | 4 | d | m | | | |
| triallate | 45.4 | | 7 | 30 | 47971 | 7 | d | | | | |
| | 48.6 | | 7 | 30 | 47971 | 8 | | | | | |
| tributyl phosphorotrithioate | 745 | | 2 | 58 | 93010 | 6 | d | u | | | |
| trichlorophon | 6.58 | | 2 | 146 | 85341 | 1 | | | | | |
| triclopyr, triethylamine salt | 17.7 | | 7 | 49 | 66735 | 3 | M | d | | | |
| | 7.8 | | 9 | 49 | 66735 | 4 | M | d | | | |
| | 17.7 | | 7 | 49 | 66735 | 3 | M | d | | | |
| | 7.8 | | 9 | 49 | 66735 | 4 | M | d | | | |
| triflumizole | 23 | | 2 | 11 | 52293 | 1 | d | | | | |
| trifluralin | 189 | | 2 | 119 | 87523 | 39 | | | | | |
| | 201 | | 11 | 119 | 87523 | 41 | | | | | |
| | 116 | | 4 | 119 | 87523 | 40 | | | | | |
| uniconazole-p | 658 | a | 4 | 21 | 119024 | 1 | e | | | | |
| | 5.08 | a | 4 | 21 | 119024 | 2 | e | | | | |
| vernolate | 70 | | 2 | 18 | 50694 | 3 | u | | | | |
| | 96.3 | | 2 | 18 | 50694 | 8 | d | | | | |
| vinclozolin | 23 | b | 3 | 38 | 53794 | 1 | d | | | | |
| | 35.8 | | 3 | 38 | 53794 | 8 | d | | | | |
| | 31.7 | | 4 | 38 | 53794 | 10 | d | | | | |
| | 33.3 | | 4 | 38 | 53794 | 9 | d | | | | |
| | 53 | | 3 | 38 | 53794 | 7 | d | | | | |
| | 42 | h | 3 | 38 | 53794 | 2 | d | | | | |
| | 1.5 | b | 4 | 38 | 53794 | 3 | d | | | | |
| | 4 | h | 4 | 38 | 53794 | 4 | d | | | | |

445 rows selected.

## VII. FIELD DISSIPATION HALF-LIFE

Column Heading Key

t½
days = Field dissipation metabolism half-life in days

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## Soil Type Key

1 - sand
2 - sandy loam
3 - loamy sand
4 - loam
5 - sandy clay loam
6 - sandy clay
7 - silty loam
8 - silt
9 - silty clay loam
10 - silty clay
11 - clay loam
12 - clay
13 - mineral
14 - humus
15 - muck
16 - aquatic sediment

## FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 00573 | 50.8 | | | 36 | 70892 | 35 | s | j |
| | 00573 | 52.4 | | | 36 | 70892 | 36 | s | j |
| | 00573 | 51.6 | | | 36 | 70892 | 37 | s | |
| 2,4-D | 00636 | 59.3 | | 7 | 142 | 112096 | 12 | | |
| 2,4-D Dimethylamine Salt | 00806 | 56.3 | a | 2 | 46 | 111487 | 1 | | |
| | 00806 | 23.5 | a | 4 | 50 | 112216 | 4 | | |
| | 00806 | 12.6 | a | 2 | 51 | 112844 | 3 | | |
| 4(2,4-db), dimethylamine salt | 00838 | 24.3 | | 2 | 11 | 87779 | 3 | d | |
| EPTC | 00264 | 1.39 | | 4 | 92 | 92000 | 20 | d | d |
| | 00264 | 2.07 | | 2 | 86 | 85291 | 22 | d | m |
| | 00264 | 7.1 | | 2 | 86 | 85292 | 23 | d | |
| MCPA, ISOCTYL ESTER | 00787 | 9.08 | | 4 | 40 | 92479 | 1 | d | |
| | 00787 | 22.6 | | 2 | 41 | 92480 | 2 | d | |
| MCPA, dimethlamine salt | 00786 | 14.7 | | 2 | 38 | 92477 | 5 | d | |
| MCPP, Potassium Salt | 01303 | 9.92 | | 2 | 2 | 95572 | 1 | | |
| | 01303 | 8.5 | a | 6 | 6 | 129112 | 2 | d | |
| acephate | 01685 | 1.65 | | 7 | 191 | 66498 | 31 | d | d |
| | 01685 | 1.72 | | 7 | 229 | 90711 | 32 | d | |
| alachlor | 00678 | 6 | | 11 | 146 | 95137 | 23 | | |
| aldicarb | 00575 | 21.7 | | 3 | 218 | 124218 | 46 | | |
| | 00575 | 90.9 | | 3 | 218 | 124218 | 47 | | |
| amitraz | 02016 | 1 | l | 2 | 77 | 87196 | 10 | d | |
| | 02016 | 1 | l | 2 | 77 | 87196 | 11 | d | |

## FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| atrazine | 00045 | 69.8 | | 2 | 119 | 69062 | 20 | | |
| | 00045 | 102 | | 2 | 107 | 67386 | 29 | | |
| avermectin | 02254 | 31 | a | 2 | 133 | 72019 | 2 | d | u |
| azinphosmethyl | 00314 | 5.33 | | 2 | 249 | 91446 | 7 | d | |
| | 00314 | 10.9 | | 2 | 249 | 91446 | 8 | | |
| benefin | 00053 | 131.00189 | | 4 | 46 | 96003 | 11 | | |
| | 00053 | 116.666667 | | 2 | 46 | 96004 | 12 | | |
| | 00053 | 111 | | 2 | 46 | 96004 | 14 | d | |
| | 00053 | 135 | | 4 | 46 | 96003 | 13 | d | |
| bensulide | 00070 | 15.2 | | 2 | 41 | 85430 | 5 | d | |
| bentazon | 01944 | 6.03 | | 9 | 69 | 85049 | 9 | d | |
| | 01944 | 3.59 | | 2 | 69 | 85051 | 10 | d | |
| bifenthrin | 02300 | 118 | | 3 | 83 | 48288 | 5 | d | |
| | 02300 | 101 | | 4 | 83 | 48288 | 8 | d | d |
| | 02300 | 275 | | 4 | 83 | 48288 | 7 | d | |
| | 02300 | 80.7 | | 7 | 83 | 48288 | 6 | d | |
| bromacil | 00083 | 155 | | 9 | 42 | 88916 | 19 | d | |
| | 00083 | 168 | | 9 | 42 | 88916 | 20 | d | |
| | 00083 | 124 | | 4 | 42 | 88916 | 21 | d | |
| | 00083 | 137 | | 4 | 42 | 88916 | 22 | d | |
| bromoxynil -octanonate | 00834 | 7.74 | | 2 | 110 | 85524 | 9 | | |
| | 00834 | .88 | | 3 | 110 | 85524 | 10 | | |
| butylate | 00565 | 12.6 | | 2 | 57 | 90005 | 10 | d | |
| | 00565 | 12 | | 2 | 59 | 96407 | 11 | | |

## FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| captan | 00104 | 2.5 | | 3 | 220 | 71174 | 14 | d | |
| | 00104 | 5.6 | | 4 | 220 | 71175 | 15 | d | |
| carbaryl | 00105 | 12 | | 4 | 223 | 89222 | 27 | | |
| | 00105 | 6.97 | | 3 | 223 | 89223 | 28 | | |
| carbendazim | 02176 | 90 | a | 4 | 118 | 95428 | 1 | d | u |
| carbofuran | 00106 | 47.7 | | 12 | 135 | 75242 | 23 | d | |
| | 00106 | 13 | | 2 | 135 | 75244 | 24 | u | d |
| chlorothalonil | 00677 | 69 | | 3 | 171 | 95861 | 31 | d | u |
| | 00677 | 51 | | 2 | 160 | 74022 | 33 | e | d |
| chlorpyrifos | 00253 | 46 | | 4 | 305 | 63863 | 26 | | |
| | 00253 | 56 | | 7 | 305 | 63863 | 27 | | |
| | 00253 | 33 | | 5 | 305 | 63863 | 28 | | |
| chlorsulfuron | 02143 | 20.2 | | 2 | 51 | 95625 | 12 | d | |
| | 02143 | 24.1 | | 2 | 51 | 95625 | 13 | d | |
| chlorthal dimethyl | 00179 | 34.8 | | 4 | 36 | 90372 | 33 | | |
| cimectacarb | 02345 | 1.37 | | 3 | 10 | 97758 | 2 | | |
| | 02345 | 1.3 | | 2 | 37 | 123737 | 8 | | |
| clethodim | 03566 | 2.5 | a | 4 | 82 | 115179 | 15 | d | |
| | 03566 | 3.68 | | 7 | 83 | 115180 | 16 | d | |
| clofentezine | 02249 | 13 | | 1 | 30 | 86442 | 1 | d | u |
| | 02249 | 82 | | 2 | 33 | 98145 | 20 | D | |
| | 02249 | 20 | | 1 | 30 | 86442 | 2 | d | |
| | 02249 | 25 | | 1 | 30 | 86442 | 3 | d | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| clofentezine | 02249 | 26 | | 1 | 30 | 86442 | 4 | d | |
| cyanazine | 01640 | 14.1 | | 7 | 70 | 95227 | 14 | U | 4 |
| | 01640 | 37.5 | | 9 | 70 | 95227 | 16 | U | 4 |
| | 01640 | 39.4 | | 2 | 70 | 95227 | 15 | U | 4 |
| cycloate | 00516 | 9.92 | | 2 | 39 | 85322 | 4 | d | |
| | 00516 | 11.5 | | 2 | 38 | 87634 | 5 | d | |
| dazomet | 00233 | 1 | l | 3 | 18 | 95733 | 3 | d | u |
| | 00233 | .188 | | 1 | 23 | 98386 | 5 | d | |
| | 00233 | 1 | l | 2 | 18 | 95734 | 4 | d | u |
| desmedipham | 01748 | 12.2 | | 2 | 58 | 96552 | 7 | | |
| | 01748 | 41.1 | | 11 | 58 | 96553 | 8 | | |
| diazinon | 00198 | 7.25 | | 3 | 197 | 87819 | 13 | | |
| | 00198 | 17.6 | | 3 | 198 | 87820 | 17 | d | d |
| | 00198 | 9.07 | | 2 | 200 | 87822 | 14 | | |
| | 00198 | 7.22 | | 3 | 199 | 87821 | 18 | d | |
| | 00198 | 30.1 | | 3 | 199 | 87821 | 19 | d | |
| dicamba | 00200 | 4.36 | | 4 | 82 | 112097 | 27 | | |
| | 00200 | 4.9 | | 4 | 82 | 112097 | 29 | | |
| | 00200 | 16.7 | | 2 | 81 | 99099 | 28 | | |
| diclofop-methyl | 02034 | 62.3 | | 1 | 65 | 76004 | 17 | d | |
| | 02034 | 3 | a | 2 | 82 | 113505 | 19 | 4 | |
| | 02034 | 41 | | 2 | 82 | 113505 | 20 | 4 | |
| dicofol | 00346 | 62 | | 3 | 112 | 111206 | 11 | | |
| | 00346 | 69.1 | | 3 | 86 | 85888 | 12 | d | |
| dienochlor | 00468 | 6.4 | | 7 | 19 | 74697 | 6 | d | u |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| dienochlor | 00468 | 1.4 | | 3 | 20 | 74776 | 7 | d | |
| difenzoquat methyl sulfate | 01930 | 29.5 | | 2 | 41 | 52873 | 4 | d | m |
| | 01930 | 337 | a | 5 | 62 | 118200 | 7 | a | |
| | 01930 | 83 | | 2 | 41 | 52873 | 5 | d | |
| diflubenzuron | 01992 | 78.1 | | 2 | 117 | 95934 | 12 | d | |
| | 01992 | 68.2 | | 7 | 118 | 92040 | 17 | d | u |
| | 01992 | 6.6 | | 4 | 119 | 92293 | 20 | | |
| | 01992 | 13.2 | | 1 | 120 | 92294 | 18 | | |
| dimethoate | 00216 | 9.8 | | 2 | 91 | 99132 | 13 | d | |
| | 00216 | 7.8 | | 2 | 91 | 99132 | 15 | d | |
| | 00216 | 6 | | 2 | 91 | 99132 | 14 | d | |
| diquat dibromide | 00229 | 181 | | 2 | 85 | 72165 | 12 | d | |
| | 00229 | 1080 | g | 11 | 93 | 95574 | 16 | a | |
| | 00229 | 2.6 | | 1 | 85 | 72165 | 13 | d | |
| | 00229 | | | 2 | 92 | 95573 | 15 | d | d |
| disulfoton | 00230 | 2.01 | | 2 | 188 | 95555 | 15 | | |
| | 00230 | 3.7 | | 2 | 188 | 95556 | 16 | | |
| diuron | 00231 | 102 | | 2 | 45 | 89035 | 17 | d | |
| | 00231 | 134 | | 9 | 45 | 89036 | 18 | d | |
| | 00231 | 127 | | 9 | 45 | 89035 | 20 | d | |
| | 00231 | 99.9 | | 2 | 45 | 89035 | 19 | d | |
| endosulfan | 00259 | 93.4 | | 4 | 70 | 88207 | 12 | d | |
| | 00259 | 89 | | 4 | 70 | 88207 | 13 | d | |
| | 00259 | 77.4 | | 2 | 71 | 88318 | 15 | d | |
| | 00259 | 90.5 | | 2 | 71 | 88318 | 14 | d | |
| endothall, disodium salt | 00260 | 7.29 | | 5 | 44 | 67002 | 6 | | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| esfenvalerate | 02321 | 14 | | 2 | 4 | 95626 | 1 | d | d |
| ethalfluralin | 02166 | 51 | | 4 | 30 | 88088 | 7 | u | d |
| ethofumesate | 01900 | 74.5 | | 2 | 76 | 89314 | 17 | d | m |
| | 01900 | 170 | | 11 | 78 | 98378 | 19 | d | |
| ethoprop | 00404 | 23.3 | | 4 | 92 | 91972 | 29 | d | |
| | 00404 | 8.31 | | 1 | 92 | 91474 | 31 | d | |
| | 00404 | 38.7 | | 3 | 92 | 91973 | 30 | d | |
| fenarimol | 01980 | 240 | | 4 | 71 | 89248 | 6 | d | |
| | 01980 | 176 | a | 11 | 72 | 120884 | 9 | | |
| | 01980 | 321 | a | 11 | 72 | 120884 | 8 | | |
| | 01980 | 604 | a | 11 | 72 | 120884 | 7 | e | |
| fenbutatin oxide | 01876 | 1990 | | 7 | 48 | 95056 | 8 | d | |
| | 01876 | 592 | | 4 | 48 | 95056 | 10 | d | |
| | 01876 | 276 | | 4 | 48 | 95056 | 9 | d | |
| fenoxaprop-ethyl | 02311 | 14.3 | a | 7 | 72 | 128205 | 1 | | |
| | 02311 | 3 | a | 11 | 74 | 128207 | 3 | | |
| | 02311 | 9 | a | 7 | 58 | 115819 | 5 | d | e |
| | 02311 | 1.8 | a | 9 | 60 | 115821 | 7 | d | i |
| | 02311 | 10.4 | a | 7 | 61 | 115822 | 9 | d | i |
| | 02311 | 2.1 | a | 9 | 60 | 115821 | 8 | d | i |
| | 02311 | 7.2 | a | 7 | 61 | 115822 | 10 | d | i |
| | 02311 | 13.7 | a | 4 | 59 | 115820 | 6 | d | e |
| | 02311 | 3.9 | a | 9 | 75 | 128208 | 4 | | |
| | 02311 | 9.6 | a | 2 | 73 | 128206 | 2 | | |
| fenpropathrin | 02234 | 7.83 | | 2 | 82 | 91163 | 1 | d | |
| | 02234 | 16.9 | a | 4 | 109 | 120350 | 40 | d | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| fenpropathrin | 02234 | 14 | | 4 | 83 | 91164 | 2 | | |
| | 02234 | 94.8 | a | 7 | 107 | 120347 | 38 | | |
| | 02234 | 40.2 | a | 7 | 107 | 120347 | 39 | d | |
| fenvalerate | 01963 | 31.5 | | 11 | 151 | 87751 | 9 | d | |
| | 01963 | 30.6 | | 11 | 151 | 87751 | 10 | d | |
| fluazifop-butyl | 02186 | 1.49 | | 4 | 99 | 95176 | 11 | u | |
| | 02186 | 12.7 | | 2 | 99 | 95177 | 12 | d | u |
| fluometuron | 00166 | 103 | | 3 | 35 | 73997 | 12 | 4 | |
| fluridone | 02279 | 20 | | | 6 | 44066 | 1 | 4 | d |
| | 02279 | 90 | | | 6 | 44066 | 2 | 4 | d |
| | 02279 | 90 | 0 | | 6 | 44066 | 3 | | |
| fluvalinate | 02195 | 62 | | 2 | 101 | 95964 | 14 | | |
| | 02195 | 45 | | 2 | 101 | 95964 | 15 | d | |
| fonofos | 00254 | 24.4 | | 2 | 39 | 85433 | 21 | | |
| | 00254 | 20.3 | | 2 | 39 | 85434 | 22 | | |
| formetanate HCl | 00111 | 110 | | 4 | 34 | 76189 | 8 | d | |
| | 00111 | 110 | | 4 | 34 | 76188 | 11 | s | d |
| | 00111 | 51 | | 3 | 34 | 76189 | 12 | s | d |
| | 00111 | 51 | | 2 | 34 | 76188 | 9 | d | |
| glyphosate | 01855 | 23.5 | | 5 | 177 | 75829 | 7 | | |
| | 01855 | 63.7 | | 2 | 177 | 75829 | 8 | f | |
| hexazinone | 01871 | 154 | a | 7 | 61 | 116843 | 10 | | |
| | 01871 | 123 | a | 4 | 61 | 116846 | 11 | | |
| imazethapyr | 02340 | 221 | a | 4 | 23 | 92856 | 2 | | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| imazethapyr | 02340 | 73 | a | 7 | 24 | 92888 | 4 | | |
| | 02340 | 120 | a | | 24 | 92890 | 6 | | |
| | 02340 | 159 | a | 4 | 24 | 92888 | 5 | | |
| | 02340 | 176 | a | 4 | 24 | 92894 | 19 | | |
| | 02340 | 124 | a | 7 | 24 | 92893 | 18 | | |
| | 02340 | 17 | a | 7 | 24 | 92892 | 17 | | |
| | 02340 | 36 | a | 3 | 23 | 92859 | 16 | | |
| | 02340 | 287 | a | 7 | 23 | 92858 | 15 | | |
| | 02340 | 100 | | 7 | 23 | 92855 | 14 | | |
| | 02340 | 30 | a | 3 | 23 | 92854 | 13 | | |
| | 02340 | 31.4 | a | 7 | 23 | 92853 | 12 | | |
| | 02340 | 327 | a | 11 | 23 | 92852 | 21 | | |
| | 02340 | 309 | a | 7 | 24 | 92895 | 20 | | |
| | 02340 | 9 | a | | 24 | 92891 | 7 | | |
| | 02340 | 20.1 | a | 7 | 24 | 92887 | 3 | | |
| imidacloprid | 03849 | 26.5 | | 3 | 33 | 119549 | 1 | d | |
| | 03849 | 229 | | 2 | 32 | 119548 | 9 | s | |
| | 03849 | 53 | | 2 | 32 | 119548 | 5 | s | d |
| | 03849 | 64.8 | | 4 | 34 | 119550 | 2 | d | |
| | 03849 | 53 | | 2 | 32 | 119548 | 8 | s | |
| | 03849 | 229 | | 2 | 32 | 119548 | 6 | s | d |
| iprodione | 02081 | 41.8 | | 2 | 124 | 89425 | 10 | | |
| | 02081 | 126 | | 1 | 124 | 89426 | 11 | | |
| isazophos | 02282 | 4.92 | | 1 | 69 | 89547 | 5 | d | |
| | 02282 | 17.3 | | 1 | 68 | 89547 | 6 | d | |
| | 02282 | 2.47 | | 1 | 71 | 89549 | 8 | d | |
| | 02282 | 48.4 | | 1 | 72 | 89550 | 10 | d | |
| | 02282 | 70.1 | | 3 | 74 | 89552 | 12 | d | |
| | 02282 | 39.3 | | 2 | 73 | 89551 | 11 | d | |
| | 02282 | 73.8 | | 3 | 74 | 89552 | 13 | d | |
| | 02282 | 33.9 | | 1 | 71 | 89549 | 9 | d | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| isazophos | 02282 | 5.9 | | 1 | 70 | 89548 | 7 | d | |
| isoxaben | 02289 | 116 | | 3 | 22 | 88096 | 1 | d | |
| | 02289 | 146 | | 2 | 19 | 75396 | 11 | | |
| | 02289 | 56 | | 4 | 19 | 75396 | 12 | | |
| | 02289 | 30 | g | 2 | 26 | 112351 | 10 | a | |
| | 02289 | 73 | | 11 | 19 | 75397 | 3 | | |
| | 02289 | 87 | | 1 | 19 | 75396 | 9 | d | |
| | 02289 | 34 | | 1 | 19 | 75396 | 8 | d | |
| lambdacyhalothrin | 02297 | 22 | | 2 | 15 | 72097 | 3 | d | u |
| | 02297 | 26 | | 7 | 15 | 72097 | 4 | d | u |
| | 02297 | 40 | | 2 | 15 | 72097 | 6 | d | u |
| | 02297 | 39 | | 9 | 15 | 72097 | 5 | d | u |
| lindane | 00359 | 157 | | | 56 | 90023 | 11 | d | |
| | 00359 | 112 | | | 56 | 90023 | 12 | d | |
| | 00359 | 187 | | 11 | 61 | 96363 | 14 | d | u |
| | 00359 | 209 | | 11 | 61 | 96363 | 13 | d | u |
| linuron | 00361 | 75 | | 5 | 66 | 89029 | 22 | d | |
| | 00361 | 56.8 | | 9 | 69 | 98472 | 30 | | |
| malathion | 00367 | 1 | l | 2 | 131 | 89063 | 15 | 9 | |
| | 00367 | 1 | l | 3 | 132 | 89064 | 16 | | |
| mancozeb | 00211 | 124.8 | | 4 | 81 | 96654 | 5 | D | |
| | 00211 | 73.1 | | 3 | 81 | 96654 | 6 | D | |
| metalaxyl | 02132 | 56 | | 2 | 228 | 89067 | 4 | d | |
| | 02132 | 74.5 | | 2 | 228 | 89067 | 5 | d | |
| metaldehyde | 00379 | 180 | a | 2 | 71 | 114853 | 5 | 4 | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| metam sodium | 00616 | 1.08 | | 4 | 25 | 90058 | 2 | | |
| | 00616 | 7.47 | | 2 | 25 | 90059 | 5 | | |
| | 00616 | 4 | | 4 | 25 | 90058 | 3 | | |
| | 00616 | .554 | | 2 | 25 | 90059 | 4 | | |
| methidathion | 01689 | 5 | a | 1 | 88 | 52717 | 1 | | |
| | 01689 | 5 | a | 1 | 88 | 52717 | 2 | | |
| methomyl | 00383 | 54.4 | | 2 | 189 | 85377 | 7 | d | |
| | 00383 | 5.17 | a | 4 | 198 | 111362 | 8 | | |
| metiram | 00493 | 18.5 | | 2 | 33 | 86160 | 3 | d | |
| | 00493 | 143 | | 3 | 33 | 86161 | 4 | d | |
| metolachlor | 01996 | 132 | | 3 | 216 | 85581 | 9 | d | |
| | 01996 | 113 | | 2 | 226 | 95842 | 13 | d | |
| | 01996 | 97 | | 3 | 216 | 85581 | 10 | d | |
| metribuzin | 01692 | 138 | | 2 | 199 | 95592 | 13 | d | |
| | 01692 | 39.5 | | 2 | 199 | 95593 | 14 | d | |
| mevinphos | 00480 | | | 2 | 40 | 95758 | 9 | d | d |
| | 00480 | .475 | | 4 | 46 | 97250 | 11 | | |
| | 00480 | 7.9 | | 4 | 46 | 97250 | 10 | | |
| molinate | 00449 | 2.44 | | 12 | 73 | 90060 | 8 | | |
| | 00449 | 37.7 | | 12 | 73 | 90061 | 11 | | |
| | 00449 | 4.58 | | 12 | 73 | 90061 | 10 | | |
| | 00449 | 24.5 | | 12 | 73 | 90060 | 9 | | |
| monosodium methanearsonate | 00034 | 11 | a | 7 | 50 | 120117 | 2 | | |
| | 00034 | 55 | a | 2 | 49 | 118398 | 3 | | |
| napropamide | 01728 | 10 | | 2 | 78 | 87741 | 11 | d | u |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| napropamide | 01728 | 9.34 | | 4 | 79 | 85441 | 12 | d | u |
| | 01728 | 15 | a | 4 | 92 | 111211 | 15 | | |
| naptalam,sodium salt | 00437 | 24 | | 2 | 27 | 90163 | 5 | d | |
| nicosulfuron | 03829 | 29 | a | 7 | 20 | 115372 | 4 | d | |
| | 03829 | 33.2 | a | 7 | 20 | 115372 | 6 | | |
| | 03829 | 42.8 | | 7 | 20 | 115372 | 8 | | |
| | 03829 | 14.6 | | 7 | 20 | 115372 | 10 | | |
| | 03829 | 58.4 | | 7 | 20 | 115372 | 9 | | |
| | 03829 | 20 | a | 7 | 20 | 115372 | 11 | | |
| | 03829 | 31.6 | | 7 | 20 | 115372 | 7 | | |
| | 03829 | 26.8 | a | 7 | 20 | 115372 | 5 | d | |
| nitrapyrin | 00439 | 14.9 | | 8 | 19 | 63181 | 8 | d | |
| | 00439 | 27.5 | | 10 | 19 | 63181 | 10 | d | |
| | 00439 | 13.9 | | 7 | 19 | 63181 | 9 | d | |
| | 00439 | 53.4 | | 10 | 19 | 63181 | 11 | d | |
| | 00439 | 33.8 | | 5 | 19 | 63181 | 13 | d | |
| | 00439 | 76.2 | | 4 | 19 | 63181 | 15 | d | |
| | 00439 | 62.9 | | 4 | 19 | 63181 | 14 | d | |
| | 00439 | 32.6 | | 5 | 19 | 63181 | 12 | d | |
| norflurazon | 02019 | 33.4 | | 2 | 60 | 73729 | 9 | e | q |
| | 02019 | 180 | | 2 | 62 | 85464 | 10 | u | |
| | 02019 | 304 | | 2 | 62 | 85464 | 11 | | |
| oryzalin | 01868 | 121 | a | 4 | 81 | 111525 | 8 | s | e |
| | 01868 | 138 | a | 9 | 81 | 111523 | 9 | s | e |
| | 01868 | 121 | a | 9 | 81 | 111523 | 11 | | |
| | 01868 | 138 | a | 4 | 81 | 111525 | 12 | | |
| | 01868 | .56 | a | 1 | 81 | 111526 | 13 | | |
| | 01868 | 56 | a | 1 | 81 | 111526 | 10 | e | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| oxadiazon | 02017 | 145 | | 3 | 65 | 96026 | 14 | d | |
| | 02017 | 115 | | 2 | 65 | 96025 | 16 | d | |
| oxamyl | 01910 | 55 | | 2 | 87 | 87129 | 31 | d | s |
| oxyfluorfen | 01973 | 111 | | 3 | 104 | 72949 | 6 | d | |
| | 01973 | 239 | | 4 | 104 | 72949 | 7 | d | |
| oxythioquinox | 00410 | 1 | | 2 | 71 | 95557 | 8 | | |
| | 00410 | 2.1 | | 2 | 71 | 95558 | 9 | | |
| paraquat dichloride | 01601 | 1720 | | 4 | 182 | 85462 | 5 | s | d |
| | 01601 | 285 | | 7 | 182 | 85462 | 6 | s | d |
| parathion | 00459 | 32 | | 4 | 54 | 88336 | 10 | d | 5 |
| | 00459 | 2.5 | | 2 | 45 | 85172 | 11 | d | u |
| pebulate | 00590 | 4.28 | | 2 | 26 | 85102 | 3 | | |
| | 00590 | 7.83 | | 2 | 27 | 85442 | 7 | d | 4 |
| pendimethalin | 01929 | 40 | | 2 | 98 | 85608 | 5 | | |
| | 01929 | 44 | | 1 | 99 | 90288 | 6 | | |
| pentachloronitrobenzene | 00464 | 35.4 | | 2 | 60 | 85024 | 8 | d | |
| | 00464 | 449 | | 4 | 77 | 95583 | 12 | | |
| | 00464 | 324 | | 2 | 76 | 95582 | 11 | d | |
| | 00464 | 125 | | 3 | 59 | 58778 | 9 | d | |
| permethrin | 02008 | 33.1 | | 2 | 324 | 51245 | 15 | d | j |
| | 02008 | 36.7 | | 7 | 324 | 51245 | 17 | d | j |
| | 02008 | 50.4 | | 7 | 324 | 51245 | 18 | d | j |
| | 02008 | 73 | | 2 | 324 | 51245 | 16 | d | j |
| | 02008 | 9.59 | | 2 | 324 | 51245 | 19 | d | j |
| | 02008 | 9.73 | | 7 | 324 | 51245 | 21 | d | j |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| permethrin | 02008 | 40 | | 7 | 324 | 51245 | 22 | d | j |
| | 02008 | 44.5 | | 2 | 324 | 51245 | 20 | d | j |
| phenmedipham | 00675 | 13.3 | | 2 | 39 | 96550 | 8 | | |
| | 00675 | 113 | | 3 | 39 | 96551 | 9 | D | |
| phorate | 00478 | 1.76 | | 2 | 44 | 64077 | 18 | | |
| phosmet | 00335 | 8.24 | | 2 | 84 | 86154 | 11 | u | |
| | 00335 | 18.4 | | 2 | 84 | 86154 | 12 | | |
| | 00335 | 5.04 | | 2 | 84 | 86155 | 13 | | |
| piperonyl butoxide | 00486 | 12.5 | a | 2 | 48 | 118817 | 7 | 5 | |
| | 00486 | 13.1 | a | 2 | 48 | 118821 | 8 | 5 | |
| | 00486 | 15.3 | a | 2 | 48 | 118823 | 9 | 5 | |
| profenofos | 02042 | 23.1 | | 2 | 59 | 52769 | 2 | n | m |
| | 02042 | 5.37 | | 11 | 59 | 52770 | 4 | n | |
| | 02042 | 27.5 | | 2 | 59 | 52769 | 3 | n | m |
| | 02042 | 5.49 | | 11 | 59 | 52770 | 5 | n | |
| prometon | 00499 | 229 | | 2 | 30 | 51029 | 8 | d | |
| | 00499 | 1860 | | 2 | 30 | 51029 | 13 | | |
| | 00499 | 264 | | 2 | 30 | 51029 | 9 | | |
| | 00499 | 302 | | 2 | 30 | 51029 | 10 | | |
| | 00499 | 192 | | 2 | 30 | 51029 | 12 | | |
| | 00499 | 214 | | 2 | 30 | 51029 | 11 | | |
| prometryn | 00502 | 70 | | 7 | 54 | 88890 | 14 | | |
| | 00502 | 69.8 | | 7 | 66 | 96657 | 17 | d | d |
| | 00502 | 86 | | 7 | 66 | 96658 | 18 | d | d |
| | 00502 | 71.1 | | 2 | 66 | 96655 | 16 | d | d |
| | 00502 | 86 | | 7 | 55 | 88889 | 15 | | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| propargite | 00445 | 53.6 | | 1 | 107 | 87753 | 4 | | |
| | 00445 | 87 | | 2 | 123 | 95673 | 10 | | |
| | 00445 | 99 | | 3 | 124 | 95675 | 9 | d | |
| | 00445 | 93.6 | | 2 | 108 | 85713 | 11 | | |
| | 00445 | 77.7 | | 5 | 124 | 95674 | 8 | d | |
| pyridate | 03939 | 1.5 | a | 4 | 9 | 125438 | 9 | | |
| | 03939 | 17.4 | a | 4 | 9 | 125438 | 10 | | |
| | 03939 | 2.5 | | 5 | 9 | 125438 | 13 | | |
| | 03939 | 20.3 | | 5 | 9 | 125438 | 14 | | |
| | 03939 | 38.3 | a | 4 | 9 | 125438 | 12 | | |
| | 03939 | 34.6 | a | 4 | 9 | 125438 | 11 | | |
| | 03939 | 48 | | 5 | 9 | 125438 | 15 | | |
| | 03939 | 2.8 | a | 1 | 10 | 125449 | 17 | | |
| | 03939 | 100 | a | 5 | 9 | 125438 | 16 | | |
| | 03939 | 38.8 | a | 2 | 12 | 125451 | 26 | | |
| | 03939 | 24.1 | a | 2 | 12 | 125451 | 25 | | |
| | 03939 | 3.6 | a | 2 | 12 | 125451 | 24 | | |
| | 03939 | 3.8 | a | 2 | 12 | 125451 | 23 | | |
| | 03939 | 110 | | 1 | 11 | 125450 | 22 | s | d |
| | 03939 | 2.9 | | 1 | 11 | 125450 | 21 | s | d |
| | 03939 | 4.7 | a | 1 | 11 | 125450 | 20 | | |
| | 03939 | 108 | a | 1 | 10 | 125449 | 19 | s | d |
| | 03939 | 34 | a | 7 | 13 | 125453 | 30 | | |
| | 03939 | 28 | a | 7 | 13 | 125453 | 29 | | |
| | 03939 | 5.2 | a | 7 | 13 | 125453 | 28 | | |
| | 03939 | 7.7 | a | 7 | 13 | 125453 | 27 | | |
| | 03939 | 9.9 | a | 1 | 10 | 125449 | 18 | s | d |
| riclpyr | 02170 | 39 | a | 4 | 17 | 122638 | 7 | 4 | |
| sethoxydim | 02177 | 69.5 | | 3 | 81 | 87946 | 10 | d | |
| | 02177 | 70.4 | | 3 | 81 | 87946 | 11 | d | |
| | 02177 | 158 | a | 5 | 119 | 128368 | 12 | | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| simazine | 00531 | 83.5 | | 4 | 55 | 50876 | 20 | d | d |
| | 00531 | 9.05 | | 4 | 55 | 50876 | 21 | d | d |
| | 00531 | 149 | | 2 | 74 | 71428 | 22 | d | u |
| sodium tetrathiocarbonate | 02273 | 1 | l | 2 | 25 | 67145 | 3 | | |
| | 02273 | 1 | l | 3 | 25 | 66954 | 4 | | |
| sulfometuron methyl | 02149 | 160 | | 7 | 22 | 71913 | 27 | d | |
| | 02149 | 25 | a | 2 | 46 | 123753 | 29 | | |
| | 02149 | 15 | a | 12 | 46 | 123761 | 31 | | |
| | 02149 | 12 | a | 9 | 46 | 123755 | 30 | | |
| | 02149 | 14 | a | 9 | 46 | 123760 | 28 | | |
| sulfosate | 02327 | 6 | | 2 | 8 | 90900 | 2 | | |
| | 02327 | 6 | | 4 | 8 | 90901 | 5 | | |
| | 02327 | 10 | | 7 | 8 | 90902 | 7 | | |
| | 02327 | 4 | | 7 | 8 | 90902 | 8 | | |
| | 02327 | 12 | | 2 | 8 | 90900 | 3 | | |
| | 02327 | 5 | | 4 | 8 | 90901 | 4 | d | u |
| sulprofos | 02006 | 4.02 | | 2 | 77 | 95602 | 2 | d | |
| | 02006 | 7.55 | | 2 | 77 | 95602 | 5 | d | |
| | 02006 | 37 | | 2 | 77 | 95602 | 4 | d | |
| | 02006 | 49.1 | | 2 | 77 | 95602 | 3 | d | |
| thiobencarb | 01933 | 19.6 | | 11 | 129 | 88346 | 8 | d | |
| | 01933 | 5.8 | a | 9 | 141 | 116982 | 13 | 4 | |
| | 01933 | 36 | a | 9 | 141 | 116982 | 12 | 4 | |
| | 01933 | 204 | | 11 | 129 | 88346 | 9 | d | |
| | 01933 | 8.71 | | 11 | 129 | 88346 | 10 | d | |
| tralomethrin | 02329 | 2.8 | a | 4 | 50 | 98977 | 4 | d | |
| | 02329 | 1.78 | a | 3 | 80 | 126993 | 8 | d | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| tralomethrin | 02329 | 19.8 | a | 4 | 50 | 98976 | 5 | d | |
| | 02329 | 1.04 | a | 3 | 80 | 126993 | 7 | | |
| triallate | 00049 | 18 | | 7 | 30 | 47971 | 5 | d | |
| | 00049 | 20 | | 2 | 30 | 47971 | 6 | d | |
| tributyl phosphorotrithioate | 00190 | 15.3 | | 2 | 47 | 91795 | 5 | | |
| | 00190 | 47.7 | | 2 | 47 | 91796 | 8 | | |
| triclopyr, butoxyethyl ester | 02170 | 39 | a | 4 | 17 | 122638 | 7 | 4 | |
| triflumizole | 02260 | 7 | l | 1 | 41 | 118667 | 3 | | |
| | 02260 | 6.4 | | 4 | 23 | 52485 | 4 | | |
| trifluralin | 00597 | 147 | | 4 | 126 | 95248 | 22 | d | d |
| | 00597 | 91.5 | | 12 | 126 | 95249 | 23 | d | d |
| | 00597 | 29 | a | 9 | 142 | 114773 | 42 | m | n |
| | 00597 | 177 | a | 2 | 142 | 114764 | 43 | s | |
| | 00597 | 48 | a | 2 | 142 | 114764 | 45 | s | m |
| | 00597 | 136 | a | 9 | 142 | 114773 | 44 | s | n |
| | 00597 | 93 | | 12 | 126 | 95249 | 38 | | |
| | 00597 | 149 | | 4 | 126 | 95248 | 37 | | |
| triforine | 01905 | 275 | | 2 | 94 | 111071 | 5 | | |
| | 01905 | 132 | | 3 | 94 | 111123 | 6 | | |
| vernolate | 01987 | 9.27 | | 2 | 35 | 85297 | 4 | d | |
| vinclozolin | 02129 | 34.1 | | 7 | 67 | 90226 | 12 | | |
| | 02129 | 26.2 | | 2 | 67 | 90227 | 13 | d | |
| | 02129 | 191 | a | 2 | 101 | 121524 | 14 | | |
| | 02129 | 183 | a | 10 | 101 | 121525 | 15 | | |
| | 02129 | 348 | a | 2 | 101 | 121524 | 16 | | |
| | 02129 | 197 | a | 10 | 101 | 121525 | 17 | | |

FIELD DISSIPATION HALF-LIFE (t½)

| Active Ingredient | CHEMC | t½ days | R | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 |
|---|---|---|---|---|---|---|---|---|---|
| vinclozolin | 02129 | 1700 | a | 4 | 100 | 121523 | 18 | | |
| | 02129 | 97 | | 4 | 100 | 121523 | 19 | | |
| | 02129 | 74 | a | 2 | 101 | 121524 | 20 | | |
| | 02129 | 45 | a | 10 | 101 | 121525 | 21 | | |
| | 02129 | 74 | a | 2 | 101 | 121524 | 22 | | |
| | 02129 | 94 | a | 10 | 101 | 121525 | 23 | | |
| | 02129 | 176 | a | 7 | 100 | 121543 | 24 | | |
| | 02129 | 34 | a | | 100 | 121544 | 25 | | |
| | 02129 | 53 | a | 2 | 100 | 121545 | 26 | | |
| | 02129 | 263 | a | 7 | 100 | 121543 | 27 | | |
| | 02129 | 412 | a | | 100 | 121523 | 28 | | |
| | 02129 | 7780 | a | 7 | 100 | 121543 | 29 | | |
| | 02129 | 179 | a | | 100 | 121544 | 30 | | |
| | 02129 | 1720 | a | 2 | 100 | 121545 | 31 | | |
| | 02129 | 367 | a | 7 | 100 | 121543 | 32 | | |
| | 02129 | 416 | a | | 100 | 121523 | 33 | | |

431 rows selected.

## VIII. SOIL ADSORPTION COEFFICIENT

Column Heading Key

Kd
$g/cm^3$ = Soil adsorption coefficient in grams per cubic centimeter

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

%Org
Mat = Percent organic matter

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## Soil Type Key

1 - sand
2 - sandy loam
3 - loamy sand
4 - loam
5 - sandy clay loam
6 - sandy clay
7 - silty loam
8 - silt
9 - silty clay loam
10 - silty clay
11 - clay loam
12 - clay
13 - mineral
14 - humus
15 - muck
16 - aquatic sediment

## SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 1.60E-01 | b | 1.8 | 12 | 35 | 66408 | 12 | d | h | 4 |
| | 4.30E-01 | h | 1.8 | 12 | 35 | 66408 | 13 | d | h | 4 |
| | 2.30E-01 | h | 1.7 | 3 | 35 | 66408 | 15 | d | h | 4 |
| | 6.00E-03 | b | 1.7 | 3 | 35 | 66408 | 14 | d | h | 4 |
| | 7.80E-01 | b | 4.8 | 12 | 65 | 66408 | 18 | d | h | 4 |
| | 1.09E+00 | h | 4.8 | 12 | 35 | 66408 | 19 | d | h | 4 |
| | 3.20E-01 | h | 3.0 | 1 | 35 | 66408 | 17 | d | h | 4 |
| | 1.10E-01 | b | 3.0 | 1 | 35 | 66408 | 16 | d | h | 4 |
| 2,4-D | 9.10E-01 | | | 7 | 115 | 65660 | 24 | d | | |
| | 6.70E-02 | | | 2 | 115 | 65660 | 25 | d | | |
| | 9.30E-01 | | | 12 | 115 | 65660 | 27 | d | | |
| | 1.10E+00 | | | 4 | 115 | 65660 | 26 | d | | |
| 4(2,4-db), dimethylamine salt | 7.95E-01 | | .3 | 1 | 3 | 64416 | 1 | e | | |
| | 3.27E+00 | | 5.0 | 11 | 3 | 64416 | 4 | 4 | e | d |
| | 4.61E-01 | | 2.1 | 7 | 3 | 64416 | 2 | e | | |
| | 1.47E+00 | | 1.3 | 2 | 3 | 64416 | 3 | e | | |
| EPTC | 7.70E-01 | | .5 | 2 | 75 | 65759 | 5 | 4 | | |
| | 1.61E+00 | | 1.9 | 3 | 75 | 65759 | 7 | 4 | | |
| | 2.57E+00 | | 3.1 | 4 | 75 | 65759 | 9 | 4 | | |
| | 2.99E+00 | | 3.8 | 7 | 75 | 65759 | 11 | 4 | | |
| MCPA, dimethlamine salt | 9.48E-01 | | | 7 | 15 | 65310 | 1 | | | |
| | 2.12E-02 | | | 2 | 15 | 65310 | 2 | | | |
| | 1.11E+00 | | | 4 | 15 | 65310 | 3 | | | |
| | 5.84E-01 | | | 12 | 15 | 65310 | 4 | | | |
| acephate | 2.73E-03 | l | .2 | 1 | 189 | 66325 | 8 | | | |
| | 3.28E-02 | l | 2.2 | 2 | 189 | 66325 | 11 | | | |
| | 9.01E-02 | | 5.9 | 11 | 189 | 66325 | 12 | | | |
| | 1.64E-02 | l | 1.1 | 5 | 189 | 66325 | 10 | | | |
| | 2.73E-02 | l | 1.8 | 7 | 189 | 66325 | 9 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| acrolein | 9.30E-01 | | 1.3 | 16 | 19 | 66897 | 3 | d | | |
| | 1.30E-01 | | .5 | 1 | 19 | 66897 | 4 | 4 | d | |
| | 1.26E+00 | | .5 | 4 | 19 | 66897 | 6 | | | |
| | 7.30E-01 | | .5 | 2 | 19 | 66897 | 5 | | | |
| alachlor | 3.70E+00 | | 3.4 | 7 | 96 | 47602 | 11 | | | |
| | 1.30E+00 | | 2.4 | 2 | 96 | 47602 | 12 | | | |
| | 3.00E-01 | | .7 | 3 | 96 | 47602 | 14 | | | |
| | 8.80E-01 | | 1.2 | 7 | 94 | 47621 | 20 | | | |
| | 3.70E+00 | | 3.4 | | 96 | 47603 | 23 | d | | |
| | 3.50E-01 | | .7 | 2 | 94 | 47621 | 22 | 9 | | |
| | 1.30E+00 | | 2.4 | 2 | 94 | 47621 | 27 | 9 | | |
| | 3.00E-01 | | .7 | | 96 | 47603 | 26 | | | |
| | 9.00E-01 | | 1.2 | | 96 | 47603 | 25 | | | |
| | 1.30E+00 | | 2.4 | | 96 | 47603 | 24 | | | |
| | 3.70E+00 | | 3.4 | 9 | 94 | 47621 | 19 | d | 9 | |
| | 9.00E-01 | | 1.2 | 8 | 96 | 47602 | 13 | | | |
| aldicarb | 1.98E-01 | | .5 | 1 | 151 | 71897 | 24 | g | | |
| | 5.97E-01 | | 2.4 | 12 | 151 | 71897 | 27 | g | | |
| | 2.96E-01 | | 2.4 | 7 | 151 | 71897 | 26 | g | | |
| | 1.47E+00 | | 2.4 | 12 | 151 | 71897 | 23 | d | | |
| | 1.17E+00 | | 2.4 | 7 | 151 | 71897 | 22 | d | | |
| | 5.69E+00 | | .5 | 1 | 151 | 71897 | 20 | d | | |
| | 6.64E-01 | | 2.4 | 12 | 151 | 71897 | 19 | d | | |
| | 3.29E-01 | | 2.4 | 7 | 151 | 71897 | 18 | d | | |
| | 1.96E-01 | | .8 | 2 | 151 | 71897 | 17 | d | | |
| | 2.20E-01 | | .5 | 1 | 151 | 71897 | 16 | d | | |
| | 1.76E-01 | | .8 | 2 | 151 | 71897 | 25 | g | | |
| ametryne | 3.78E+00 | | 2.9 | 7 | 7 | 54641 | 13 | | | |
| | 2.81E+00 | | 2.1 | 7 | 7 | 54641 | 17 | | | |
| | 4.84E+00 | | 3.0 | 2 | 7 | 54641 | 15 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| ametryne | 4.96E+00 | | 5.0 | 9 | 7 | 54641 | 16 | | | |
| | 8.84E-01 | | .6 | 1 | 7 | 54641 | 14 | | | |
| amitraz | 1.66E+01 | | | 12 | 75 | 75471 | 1 | | | |
| | 1.69E+00 | | | 2 | 75 | 75471 | 3 | | | |
| | 3.10E+00 | | | 1 | 75 | 75471 | 4 | | | |
| | 8.93E+01 | | | 7 | 75 | 75471 | 2 | | | |
| amitrole | 3.52E+00 | | 3.0 | 2 | 34 | 49528 | 1 | 9 | | |
| | 4.19E-01 | | .8 | 1 | 34 | 49528 | 4 | 9 | | |
| | 1.57E+00 | | 5.0 | 9 | 34 | 49528 | 3 | 9 | | |
| | 3.79E+00 | | 5.9 | 7 | 34 | 49528 | 2 | 9 | | |
| anilazine | 1.58E+01 | | 1.0 | 1 | 64 | 64922 | 1 | g | | |
| | 9.23E+00 | | 1.1 | 2 | 64 | 64922 | 3 | g | | |
| | 3.79E+01 | | 2.9 | 7 | 64 | 64922 | 5 | g | | |
| | 1.94E+01 | | 2.2 | 11 | 64 | 64922 | 7 | g | | |
| asulam, sodium salt | 8.00E-01 | | | 1 | 31 | 54028 | 5 | d | | |
| | 1.00E+00 | | | 3 | 31 | 54028 | 6 | d | | |
| | 2.73E+00 | | | 11 | 31 | 54028 | 8 | d | | |
| | 1.35E+00 | | | 4 | 31 | 54028 | 7 | d | | |
| atrazine | 4.27E-01 | | .8 | 1 | 83 | 50818 | 21 | | | |
| | 9.90E-01 | | 3.0 | 2 | 83 | 50818 | 22 | | | |
| | 7.31E-01 | | .8 | 4 | 124 | 87580 | 32 | | | |
| | 7.86E-01 | | 1.9 | 2 | 124 | 87580 | 31 | | | |
| | 2.04E-01 | | .9 | 1 | 124 | 87580 | 30 | | | |
| | 2.45E+00 | | 4.8 | 12 | 124 | 87580 | 29 | | | |
| | 2.03E+00 | | 2.5 | 11 | 83 | 50818 | 24 | | | |
| | 1.46E+00 | | 2.1 | 7 | 83 | 50818 | 23 | | | |
| azinphosmethyl | 1.34E+01 | | 2.9 | 7 | 187 | 64717 | 10 | d | | |
| | 8.85E+00 | | 2.2 | 11 | 187 | 64717 | 16 | d | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| azinphosmethyl | 7.11E+00 | | 1.0 | 1 | 187 | 64717 | 14 | d | | |
| | 4.24E+00 | | 1.1 | 2 | 187 | 64717 | 12 | d | | |
| baythroid | 8.32E+02 | | 2.4 | 2 | 60 | 57689 | 2 | | | |
| | 1.40E+01 | a | .8 | 1 | 57 | 49827 | 9 | | | |
| | 2.30E+01 | a | .6 | 5 | 57 | 49827 | 11 | | | |
| | 2.80E+01 | a | 5.1 | 7 | 57 | 49827 | 12 | | | |
| | 2.30E+01 | a | .5 | 10 | 57 | 49827 | 14 | | | |
| | 9.40E+00 | a | 2.8 | 2 | 57 | 49827 | 10 | | | |
| | 2.80E+01 | a | 2.1 | 10 | 57 | 49827 | 13 | | | |
| bendiocarb | 1.40E-01 | | .6 | 1 | 59 | 66232 | 6 | g | | |
| | 6.00E-01 | | 3.4 | 2 | 59 | 66232 | 9 | | | |
| | 1.14E+00 | | 5.8 | 9 | 59 | 66232 | 12 | | | |
| | 1.35E+00 | | 8.8 | 12 | 59 | 66232 | 15 | | | |
| benefin | 2.77E+01 | | .5 | 1 | 32 | 63776 | 9 | 4 | e | d |
| | 8.91E+01 | | 1.8 | 4 | 32 | 63776 | 11 | 4 | e | d |
| | 7.51E+01 | | 1.4 | 2 | 32 | 63776 | 10 | 4 | e | d |
| | 1.26E+02 | | 2.0 | 11 | 32 | 63776 | 12 | 4 | e | d |
| benomyl | 5.67E+00 | | 1.1 | 2 | 92 | 48405 | 7 | d | | |
| | 9.09E+01 | | 4.3 | 7 | 92 | 48405 | 11 | | | |
| | 4.81E+01 | | 7.5 | 8 | 92 | 48405 | 13 | d | | |
| | 1.37E+01 | | 2.1 | 2 | 92 | 48405 | 9 | d | | |
| bensulfuron methyl | 2.50E+00 | | 2.1 | 2 | 10 | 38343 | 1 | | | |
| | 1.41E+00 | | 1.1 | 2 | 10 | 38343 | 4 | | | |
| | 1.23E+01 | | 7.5 | 7 | 10 | 38343 | 3 | | | |
| | 1.43E+01 | | 4.3 | 7 | 10 | 38343 | 2 | | | |
| bensulide | 9.31E+01 | g | 1.0 | 1 | 32 | 52355 | 5 | d | | |
| | 1.02E+02 | g | 1.8 | 2 | 32 | 52355 | 8 | | | |
| | 1.32E+02 | g | 3.4 | 7 | 32 | 52355 | 7 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| bensulide | 1.01E+02 | g | .5 | 2 | 32 | 52355 | 6 | d | | |
| bentazon | 1.76E-01 | | 1.2 | 16 | 51 | 55106 | 1 | 9 | d | d |
| | 3.85E-01 | | 5.0 | 12 | 51 | 55106 | 3 | 9 | d | |
| | 1.26E+00 | | 3.1 | 12 | 51 | 55107 | 7 | 9 | d | |
| | 8.50E+00 | | 3.0 | 12 | 51 | 55107 | 9 | 9 | d | d |
| | 3.06E+00 | | 3.0 | 12 | 51 | 55106 | 11 | 9 | d | d |
| | 6.05E-01 | | 1.0 | 3 | 51 | 55107 | 10 | 9 | d | |
| | 8.28E-01 | | 1.2 | 16 | 51 | 55107 | 6 | 9 | d | d |
| | 4.50E-01 | | 1.0 | 3 | 51 | 55106 | 5 | 9 | d | |
| | 4.22E-01 | | 3.1 | 12 | 51 | 55106 | 2 | 9 | d | |
| | 1.44E+00 | | 5.0 | 12 | 51 | 55107 | 8 | 9 | d | |
| bifenthrin | 4.16E+03 | | 3.0 | 2 | 25 | 36675 | 1 | d | | |
| | 5.43E+03 | | 3.1 | 7 | 25 | 36675 | 2 | d | | |
| | 9.92E+02 | | 1.3 | 1 | 25 | 36675 | 4 | d | | |
| | 3.69E+03 | | 2.3 | 11 | 25 | 36675 | 3 | d | | |
| bromacil | 8.54E-02 | | 1.3 | 1 | 27 | 69456 | 50 | E | | |
| | 2.52E-01 | | 1.3 | 2 | 27 | 69456 | 51 | E | | |
| | 2.39E-01 | | 3.0 | 7 | 27 | 69456 | 53 | E | | |
| | 3.71E-01 | | 3.0 | 7 | 27 | 69456 | 54 | E | d | |
| | 2.99E-02 | | 2.2 | 11 | 27 | 69456 | 52 | E | | |
| bromoxynil -butyrate | 2.09E+00 | | 1.4 | 11 | 7 | 54065 | 2 | | | |
| | 1.56E+00 | | 2.6 | 3 | 7 | 54065 | 4 | | | |
| | 1.39E+01 | | 10.5 | 2 | 7 | 54065 | 8 | | | |
| | 3.22E+00 | | 3.0 | 4 | 7 | 54065 | 6 | | | |
| buprofezin | 8.53E+01 | | 6.5 | 11 | 16 | 126945 | 1 | | | |
| | 1.05E+01 | | .8 | 1 | 16 | 126945 | 13 | | | |
| | 8.74E+01 | | 5.3 | 2 | 16 | 126945 | 11 | | | |
| | 6.95E+01 | | 3.1 | 3 | 16 | 126945 | 5 | | | |
| | 9.01E+01 | | 3.2 | 2 | 16 | 126945 | 7 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| buprofezin | 2.77E+02 | | 2.5 | 9 | 16 | 126945 | 9 | | | |
| | 6.88E+01 | | 5.5 | 2 | 16 | 126945 | 3 | | | |
| butylate | 1.48E+00 | | .5 | 2 | 45 | 64670 | 10 | | | |
| | 7.28E+00 | | 3.1 | 4 | 45 | 64670 | 12 | | | |
| | 5.47E+00 | | 3.8 | 7 | 45 | 64670 | 13 | | | |
| | 4.84E+00 | | 1.9 | 3 | 45 | 64670 | 11 | | | |
| cacodylic acid | 6.50E+00 | | 2.7 | 4 | 32 | 87879 | 2 | | | |
| | 2.88E+01 | | 2.2 | 10 | 32 | 87879 | 5 | | | |
| | 7.47E+00 | | .6 | 2 | 32 | 87879 | 3 | | | |
| | 1.52E+01 | | .6 | 2 | 32 | 87879 | 4 | | | |
| carbaryl | 2.00E-01 | b | .4 | 1 | 153 | 49809 | 7 | | | |
| | 2.82E+00 | | 4.1 | 16 | 143 | 57798 | 29 | | | |
| | 1.13E+01 | | 5.3 | 7 | 143 | 57798 | 26 | | | |
| | 1.44E+00 | | 3.6 | 9 | 143 | 57798 | 23 | | | |
| | 8.32E-01 | | 1.0 | 2 | 143 | 57798 | 20 | | | |
| | 4.35E+00 | | .4 | 1 | 143 | 57798 | 17 | | | |
| | 2.93E+00 | h | 1.0 | 2 | 153 | 49809 | 10 | | | |
| | 6.00E-01 | b | 3.6 | 9 | 153 | 49809 | 11 | | | |
| | 5.30E-01 | b | 1.0 | 2 | 153 | 49809 | 9 | | | |
| | 1.40E+00 | h | .4 | 1 | 153 | 49809 | 8 | | | |
| | 3.29E+00 | h | 3.6 | 9 | 153 | 49809 | 12 | | | |
| | 4.69E+00 | h | 5.3 | 7 | 153 | 49809 | 14 | | | |
| | 8.40E-01 | b | 5.3 | 7 | 153 | 49809 | 13 | | | |
| | 3.89E+00 | h | 4.1 | 16 | 153 | 49809 | 16 | | | |
| | 7.20E-01 | b | 4.1 | 16 | 153 | 49809 | 15 | | | |
| chlorobenzilate | 4.86E+01 | | 4.0 | 2 | 18 | 54045 | 2 | | | |
| | 2.05E+01 | | 1.3 | 4 | 18 | 54045 | 5 | | | |
| | 1.64E+01 | | .6 | 1 | 18 | 54045 | 3 | | | |
| | 4.84E+01 | | 4.8 | 12 | 18 | 54045 | 4 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| chloropicrin | 2.73E-01 | | | 1 | 32 | 64765 | 3 | 4 | d | |
| | 1.39E-01 | | | 7 | 32 | 64765 | 4 | 4 | d | |
| | 2.63E-01 | | | 2 | 32 | 64765 | 6 | 4 | d | |
| | 3.11E-01 | | | 7 | 32 | 64765 | 7 | 4 | d | |
| chlorothalonil | 2.54E+01 | | 3.2 | 9 | 134 | 53205 | 1 | | | |
| | 2.00E+01 | | 3.2 | 2 | 134 | 53205 | 3 | | | |
| | 2.86E+01 | | .7 | 8 | 134 | 53205 | 2 | | | |
| | 3.00E+00 | | .6 | 1 | 134 | 53205 | 8 | | | |
| | 2.00E+01 | | 3.2 | 2 | 134 | 53205 | 7 | | | |
| | 2.85E-01 | | .7 | 8 | 134 | 53205 | 6 | | | |
| | 2.54E+01 | | 3.2 | 9 | 134 | 53205 | 5 | | | |
| | 3.09E+00 | | .6 | 1 | 134 | 53205 | 4 | | | |
| chlorpyrifos | 9.65E+01 | | | 7 | 307 | 64336 | 20 | 4 | d | |
| | 6.88E+01 | | | 2 | 307 | 64336 | 21 | 4 | d | |
| | 8.23E+01 | | 4.0 | 7 | 307 | 64336 | 22 | 4 | d | |
| | 2.53E+02 | | | 11 | 307 | 64336 | 23 | d | | |
| chlorsulfuron | 2.80E-01 | | .8 | 4 | 45 | 72827 | 1 | d | | |
| | 9.10E-01 | | 4.3 | 7 | 45 | 72827 | 4 | d | | |
| | 3.80E-01 | | 1.9 | 7 | 45 | 72827 | 3 | d | | |
| | 9.00E-02 | | 1.1 | 2 | 45 | 72827 | 2 | d | | |
| chlorthal dimethyl | 5.56E+00 | | .4 | 1 | 29 | 68972 | 8 | 4 | | |
| | 9.40E+00 | | .7 | 7 | 29 | 68972 | 10 | 4 | | |
| | 3.21E+01 | | 3.1 | 2 | 29 | 68972 | 9 | 4 | | |
| | 7.03E+01 | | 2.7 | 10 | 29 | 68972 | 11 | 4 | | |
| clethodim | 1.47E-01 | a | 2.8 | 11 | 80 | 115177 | 1 | | | |
| | 4.90E-02 | a | .1 | 1 | 80 | 115177 | 3 | | | |
| | 8.00E-02 | a | 2.8 | 11 | 80 | 117656 | 11 | | | |
| | 5.10E-01 | a | 1.3 | 1 | 80 | 117656 | 13 | | | |
| | 1.50E-01 | a | .4 | 3 | 80 | 117656 | 15 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| clethodim | 1.89E+00 | a | .6 | 5 | 80 | 117656 | 14 | | | |
| | 6.40E-02 | a | .6 | 5 | 80 | 115177 | 5 | | | |
| | 6.80E-02 | a | 1.0 | 7 | 80 | 115177 | 4 | | | |
| | 2.30E-01 | a | 1.0 | 3 | 80 | 115177 | 2 | | | |
| | 1.57E+00 | a | 1.0 | 3 | 80 | 117656 | 12 | | | |
| cryolite | 6.60E+00 | | .4 | 1 | 26 | 58359 | 5 | 4 | n | e |
| | 1.40E+00 | | .4 | 1 | 26 | 58359 | 8 | 4 | n | e |
| | 8.60E+00 | | 1.4 | 11 | 26 | 58359 | 9 | 4 | n | e |
| | 3.40E+00 | | .4 | 1 | 26 | 58359 | 7 | 4 | n | e |
| | 4.10E+00 | | .4 | 1 | 26 | 58359 | 6 | 4 | n | e |
| | 1.07E+01 | | 1.4 | 11 | 26 | 58359 | 10 | 4 | n | e |
| | 7.90E+00 | | 1.4 | 11 | 26 | 58359 | 12 | 4 | n | e |
| | 8.30E+00 | | 1.4 | 11 | 26 | 58359 | 11 | 4 | n | e |
| | 8.10E+00 | | .9 | 2 | 26 | 58359 | 20 | 4 | n | e |
| | 1.14E+01 | | .9 | 2 | 26 | 58359 | 19 | 4 | n | e |
| | 1.37E+01 | | .9 | 2 | 26 | 58359 | 18 | 4 | n | e |
| | 1.51E+01 | | .9 | 2 | 26 | 58359 | 17 | 4 | n | e |
| | 1.93E+01 | | 1.4 | 7 | 26 | 58359 | 16 | 4 | n | e |
| | 3.43E+01 | | 1.4 | 7 | 26 | 58359 | 15 | 4 | n | e |
| | 4.39E+01 | | 1.4 | 7 | 26 | 58359 | 14 | 4 | n | e |
| | 5.28E+01 | | 1.4 | 7 | 26 | 58359 | 13 | 4 | n | e |
| cyanazine | 5.00E-01 | | .4 | 1 | 59 | 50026 | 4 | 9 | | |
| | 2.32E+00 | | 2.0 | 7 | 59 | 50026 | 6 | 9 | | |
| | 5.80E-01 | | 1.5 | 5 | 59 | 50026 | 7 | 9 | | |
| | 1.28E+00 | | 1.1 | 3 | 59 | 50026 | 5 | 9 | | |
| cycloate | 5.70E+00 | | 1.0 | 1 | 25 | 51550 | 4 | 9 | | |
| | 1.01E+02 | G | .5 | 4 | 25 | 51550 | 5 | 9 | | |
| | 1.32E+02 | | 3.4 | 7 | 25 | 51550 | 6 | 9 | | |
| | 1.02E+02 | | 1.8 | 2 | 25 | 51550 | 7 | 9 | | |
| cypermethrin | 5.46E+01 | | .9 | 3 | 75 | 70490 | 12 | e | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| cypermethrin | 5.19E+01 | | .9 | 4 | 75 | 70490 | 14 | e | | |
| | 1.38E+02 | | 2.9 | 9 | 75 | 70490 | 16 | e | | |
| | 7.41E+01 | | 1.1 | 7 | 75 | 70490 | 18 | e | | |
| cyromazine | 5.04E+01 | | 4.8 | 12 | 76 | 87850 | 1 | d | | |
| | 1.09E+00 | | .9 | 1 | 76 | 87850 | 2 | d | | |
| | 6.10E-01 | | 1.3 | 2 | 76 | 87850 | 4 | d | | |
| | 5.59E+00 | | 1.0 | 7 | 76 | 87850 | 3 | d | | |
| desmedipham | 3.94E+00 | | .9 | 1 | 41 | 61578 | 1 | d | h | o |
| | 8.20E+00 | | 1.9 | 2 | 41 | 61578 | 4 | d | h | o |
| | 1.13E+01 | | 3.5 | 3 | 41 | 61578 | 2 | d | h | o |
| | 1.49E+00 | | 1.8 | 2 | 41 | 61578 | 3 | d | h | o |
| diazinon | 1.79E+01 | | 2.0 | 2 | 163 | 54841 | 4 | | | |
| | 8.20E+00 | | 1.4 | 7 | 163 | 54841 | 5 | | | |
| | 1.50E+01 | | 1.4 | 1 | 163 | 54841 | 7 | | | |
| | 1.73E+01 | | 1.8 | 11 | 163 | 54841 | 6 | | | |
| dicamba | .00E+00 | a | 1.1 | 5 | 62 | 58623 | 12 | | | |
| | .00E+00 | | 42.8 | 15 | 62 | 58623 | 16 | | | |
| | 5.00E-03 | | 2.5 | 10 | 62 | 58623 | 13 | | | |
| | 7.40E-02 | | .5 | 12 | 62 | 58623 | 14 | | | |
| | 8.00E-03 | | 1.3 | 2 | 62 | 58623 | 15 | | | |
| dichlobenil | 8.57E-04 | | 3.0 | 4 | 34 | 68128 | 13 | | | |
| | 1.05E-03 | | 2.8 | 7 | 34 | 68128 | 17 | | | |
| | 1.69E-03 | | 4.8 | 1 | 34 | 68128 | 14 | | | |
| | 1.16E-04 | | .6 | 7 | 34 | 68128 | 15 | | | |
| | 7.99E-04 | | 1.9 | 9 | 34 | 68128 | 16 | | | |
| dichloran | | | | 1 | 34 | 65470 | 5 | | | |
| | 1.54E+01 | | 2.6 | 2 | 34 | 65470 | 8 | | | |
| | 1.36E+01 | | 3.7 | 3 | 34 | 65470 | 6 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| dichloran | 9.72E+00 | | 2.4 | 3 | 34 | 65470 | 7 | | | |
| diclofop-methyl | 4.90E+01 | | .6 | 7 | 63 | 68867 | 6 | | | |
| | 1.44E+02 | | 1.0 | 7 | 63 | 68867 | 8 | | | |
| | 7.90E+01 | | .9 | 1 | 63 | 68867 | 7 | | | |
| | 2.67E+02 | | 4.3 | 12 | 63 | 68867 | 9 | | | |
| dicofol | 8.38E+00 | | .2 | 1 | 66 | 64359 | 9 | d | | |
| | 7.00E+01 | | 2.4 | 7 | 66 | 64359 | 11 | d | | |
| | 8.28E+01 | | 2.8 | 11 | 66 | 64359 | 12 | d | | |
| | 6.46E+01 | | 1.6 | 2 | 66 | 64359 | 10 | d | | |
| dicrotophos | 7.00E-02 | | 1.1 | | 20 | 49091 | 1 | | | |
| | 4.00E-01 | | 1.3 | | 20 | 49091 | 2 | | | |
| | 3.58E+00 | | 3.3 | | 20 | 49091 | 4 | | | |
| | 9.20E-01 | | 4.0 | | 20 | 49091 | 3 | | | |
| dienochlor | 7.48E+03 | | 3.6 | 7 | 16 | 69668 | 1 | d | | |
| | 5.18E+02 | | 11.8 | 9 | 16 | 69668 | 2 | d | | |
| | 4.53E+03 | | 1.3 | 2 | 16 | 69668 | 4 | d | | |
| | 4.55E+04 | | .5 | 3 | 16 | 69668 | 3 | d | | |
| diethatyl ethyl | 1.73E+00 | | 2.0 | | 46 | 61351 | 1 | | | |
| | 1.11E+00 | | .8 | | 46 | 61351 | 2 | | | |
| | 2.45E+00 | | 4.8 | 7 | 46 | 61351 | 6 | | | |
| | 3.78E+00 | | 3.7 | 5 | 46 | 61351 | 8 | | | |
| | 3.00E+00 | | 2.0 | 12 | 46 | 61351 | 10 | | | |
| | 2.24E+00 | | 2.2 | 7 | 46 | 61351 | 9 | | | |
| | 2.92E+00 | | 4.1 | 7 | 46 | 61351 | 7 | | | |
| | 5.43E+00 | | 6.5 | 7 | 46 | 61351 | 5 | | | |
| | 9.52E+00 | | 9.5 | 7 | 46 | 61351 | 4 | | | |
| | 1.20E+01 | | 11.7 | 2 | 46 | 61351 | 3 | | | |
| difenzoquat methyl sulfate | 6.36E+02 | | 3.1 | 5 | 47 | 54759 | 1 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| difenzoquat methyl sulfate | 2.68E+03 | | 5.0 | 11 | 47 | 54759 | 3 | | | |
| | 1.81E+02 | | 1.0 | 2 | 47 | 54759 | 4 | | | |
| | 1.09E+03 | | 3.0 | 7 | 47 | 54759 | 2 | | | |
| diflubenzuron | 9.76E+01 | | 2.4 | 2 | 97 | 57230 | 1 | | | |
| | 9.96E+01 | | 2.3 | 7 | 97 | 57230 | 2 | | | |
| | 4.16E+03 | | 31.0 | 7 | 97 | 57230 | 4 | | | |
| | 8.40E+01 | | 7.6 | 9 | 97 | 57230 | 3 | | | |
| dimethipin | 4.00E-02 | | 1.9 | | 24 | 48143 | 1 | | | |
| | 2.70E-01 | | 3.0 | | 24 | 48143 | 4 | | | |
| | 3.60E-01 | | 4.5 | | 24 | 48143 | 5 | | | |
| | 2.00E-01 | | 2.8 | | 24 | 48143 | 3 | | | |
| | 2.00E-01 | | 3.8 | | 24 | 48143 | 2 | | | |
| dimethoate | 2.55E-02 | | 3.5 | 7 | 57 | 54634 | 7 | | | |
| | 5.70E-01 | | | 7 | 57 | 54634 | 10 | | | |
| | 7.40E-01 | | | 4 | 57 | 54634 | 11 | | | |
| | 6.00E-02 | | | 1 | 57 | 54634 | 9 | | | |
| | 3.00E-01 | | | 2 | 57 | 54634 | 8 | | | |
| dinoseb | 4.43E+00 | | 5.9 | 7 | 28 | 48220 | 7 | d | | |
| | 4.79E+00 | | 5.0 | 9 | 28 | 48220 | 10 | d | | |
| | 2.38E-01 | | .8 | 1 | 28 | 48220 | 8 | d | | |
| | 1.27E+00 | | 3.0 | 2 | 28 | 48220 | 9 | d | | |
| diphenamid | 5.50E-01 | | | 1 | 32 | 60682 | 3 | | | |
| | 7.10E-01 | | | 2 | 32 | 60682 | 5 | | | |
| | 2.39E+00 | | | 3 | 32 | 60682 | 4 | | | |
| | 1.37E+00 | | | 2 | 32 | 60682 | 6 | | | |
| diquat dibromide | 1.50E+01 | | .7 | 16 | 58 | 62049 | 1 | | | |
| | 4.47E+03 | | .6 | 5 | 58 | 62049 | 4 | | | |
| | 3.60E+01 | | | 1 | 58 | 62049 | 9 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| diquat dibromide | 1.07E+04 | | 1.5 | 4 | 58 | 62049 | 3 | | | |
| | 1.88E+03 | | 1.0 | 2 | 58 | 62049 | 2 | | | |
| | 4.20E+01 | | 1.9 | 1 | 58 | 62049 | 11 | | | |
| | 4.90E+03 | | | | 58 | 62049 | 17 | | | |
| | 1.00E+04 | g | | | 42 | 54110 | 16 | | | |
| disulfoton | 6.85E+00 | | 2.9 | 7 | 152 | 87670 | 13 | d | 4 | |
| | 4.67E+00 | | 1.0 | 1 | 152 | 87670 | 14 | d | 4 | |
| | 4.47E+00 | | 2.2 | 11 | 152 | 87670 | 15 | d | 4 | |
| | 9.66E+00 | | 3.8 | 2 | 152 | 87670 | 16 | d | 4 | |
| dithiopyr | 6.48E+01 | | 8.6 | 4 | 4 | 71210 | 1 | | | |
| | 1.09E+01 | | 2.1 | 7 | 4 | 71210 | 4 | | | |
| | 6.59E+00 | | .8 | 2 | 4 | 71210 | 6 | | | |
| | 7.91E+00 | | 1.0 | 7 | 4 | 71210 | 5 | | | |
| | 2.69E+01 | | 3.2 | 12 | 4 | 71210 | 3 | | | |
| | 3.47E+01 | | 10.7 | 4 | 4 | 71210 | 2 | | | |
| diuron | 2.90E+00 | | 1.1 | 2 | 24 | 48361 | 12 | | | |
| | 5.10E+00 | | 2.1 | 2 | 24 | 48361 | 13 | | | |
| | 1.30E+01 | | 4.7 | 7 | 24 | 48361 | 15 | | | |
| | 1.40E+01 | | 4.3 | 7 | 24 | 48361 | 14 | | | |
| dodecylquanidine hydrochloride | 6.44E+03 | a | .1 | 1 | 20 | 119133 | 1 | | | |
| | 1.80E+04 | a | 1.3 | 11 | 20 | 119133 | 3 | | | |
| | 2.20E+03 | a | .8 | 2 | 20 | 119133 | 2 | | | |
| | 1.52E+04 | a | 4.2 | 7 | 20 | 119133 | 4 | | | |
| dodemorph | 7.48E+00 | | .3 | 1 | 13 | 73673 | 1 | | | |
| | 1.55E+02 | | 5.0 | 11 | 13 | 73673 | 5 | | | |
| | 3.12E+02 | | 1.1 | 7 | 13 | 73673 | 7 | | | |
| | 5.41E+01 | | 1.7 | 2 | 13 | 73673 | 3 | | | |
| | 3.36E+02 | | 1.4 | 9 | 13 | 73673 | 9 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| endosulfan | 6.30E+01 | | 1.1 | 7 | 58 | 67069 | 5 | 9 | d | |
| | 3.64E+02 | | 4.5 | 3 | 58 | 67069 | 8 | 9 | d | |
| | 1.78E+02 | | 2.2 | 2 | 58 | 67069 | 15 | 9 | d | |
| | 2.11E+02 | | 4.2 | 2 | 58 | 67069 | 18 | d | 9 | |
| | 2.11E+02 | | 4.2 | 2 | 58 | 67069 | 17 | d | 9 | J |
| | 3.24E+02 | | 4.5 | 3 | 58 | 67069 | 19 | d | 9 | |
| | 7.40E+01 | | 1.1 | 7 | 58 | 67069 | 13 | 9 | d | |
| | 5.23E+02 | | 4.2 | 2 | 58 | 67069 | 7 | 9 | d | |
| | 1.02E+02 | | 2.2 | 2 | 58 | 67069 | 6 | 9 | d | |
| endothall, disodium salt | 1.12E+00 | | 1.4 | 11 | 42 | 55502 | 2 | 4 | | |
| | 1.76E+01 | | 1.4 | 7 | 42 | 55502 | 3 | 4 | | |
| | 4.21E+00 | | 1.9 | 2 | 42 | 55502 | 4 | 4 | | |
| | 4.35E-01 | | .4 | 1 | 42 | 55502 | 5 | 4 | | |
| ethalfluralin | 1.20E+01 | | .5 | 1 | 25 | 63694 | 1 | | | |
| | 5.30E+01 | | 1.8 | 4 | 25 | 63694 | 3 | | | |
| | 9.70E+01 | | 2.0 | 11 | 25 | 63694 | 4 | | | |
| | 3.30E+01 | | 1.4 | | 25 | 63694 | 2 | | | |
| ethephon | 5.31E+01 | a | 3.3 | 12 | 109 | 112324 | 1 | g | | |
| | 2.73E+00 | a | 1.1 | 7 | 109 | 112324 | 3 | g | | |
| | 5.73E+01 | a | 6.5 | 16 | 109 | 112324 | 5 | g | | |
| | 2.97E+01 | a | 1.7 | 2 | 109 | 112324 | 4 | g | | |
| | 7.16E+00 | a | .8 | 3 | 109 | 112324 | 2 | g | | |
| ethofumesate | 7.30E-01 | | | 1 | 68 | 65469 | 3 | | | |
| | 2.35E+00 | | | 2 | 68 | 65469 | 5 | | | |
| | 5.32E+00 | | | 9 | 68 | 65469 | 7 | | | |
| | 6.16E+00 | | | 12 | 68 | 65469 | 9 | | | |
| ethoprop | 1.08E+00 | | 1.0 | 2 | 62 | 54136 | 6 | | | |
| | 1.24E+00 | | 1.9 | 2 | 62 | 54136 | 7 | | | |
| | 3.78E+00 | | 4.1 | 9 | 62 | 54136 | 9 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| ethoprop | 2.10E+00 | | 2.3 | 7 | 62 | 54136 | 8 | | | |
| fenamiphos | 3.05E+00 | , | 2.8 | 2 | 110 | 49753 | 10 | | | |
| | 5.78E+00 | | 5.0 | 7 | 110 | 49753 | 11 | | | |
| | 4.59E+00 | | .5 | 10 | 110 | 49753 | 12 | | | |
| | 1.77E+00 | | 1.6 | 2 | 110 | 49754 | 26 | | | |
| | 1.18E+00 | | 1.4 | 1 | 110 | 49754 | 25 | | | |
| | 6.20E-01 | | .8 | | 131 | 66637 | 33 | | | |
| | 7.60E-01 | a | .8 | | 131 | 66637 | 32 | | | |
| | 1.98E+00 | | 2.2 | 11 | 165 | 95553 | 31 | | | |
| | 3.46E+00 | | 2.9 | 7 | 165 | 95553 | 30 | | | |
| | 9.60E-01 | | 1.1 | 2 | 165 | 95553 | 29 | | | |
| | 2.86E+00 | | 1.0 | 1 | 165 | 95553 | 28 | | | |
| | 2.99E+00 | | 2.2 | 9 | 110 | 49754 | 27 | | | |
| fenarimol | 1.50E+00 | | .5 | 1 | 45 | 63697 | 1 | | | |
| | 5.10E+00 | | 1.4 | 2 | 45 | 63697 | 2 | | | |
| | 1.19E+01 | | 2.0 | 11 | 45 | 63697 | 4 | | | |
| | 8.10E+00 | | 1.8 | 4 | 45 | 63697 | 3 | | | |
| fenbutatin oxide | 1.33E+01 | | 1.1 | 2 | 33 | 49018 | 1 | | | |
| | 6.90E+00 | | .4 | 1 | 33 | 49018 | 4 | | | |
| | 3.59E+03 | | 1.5 | 5 | 33 | 49018 | 3 | | | |
| | 3.04E+01 | | 2.0 | 9 | 33 | 49018 | 2 | | | |
| fensulfothion | 1.07E+01 | | 2.9 | 7 | 93 | 68211 | 9 | | | |
| | 2.42E+00 | | 1.1 | 2 | 93 | 68211 | 11 | | | |
| | 4.44E+00 | | 1.0 | 2 | 93 | 68211 | 13 | | | |
| | 5.74E+00 | | 2.2 | 11 | 93 | 68211 | 15 | | | |
| fenthion | 3.80E+01 | | 3.0 | 4 | 62 | 49596 | 1 | | | |
| | 3.62E+01 | | 3.7 | 1 | 62 | 49596 | 5 | | | |
| | 1.98E+01 | | 2.1 | 10 | 62 | 49596 | 3 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| fenvalerate | 4.41E+00 | | .4 | 1 | 129 | 63410 | 5 | | | |
| | 6.36E+00 | | 1.1 | 2 | 129 | 63410 | 9 | | | |
| | 1.05E+02 | | 1.5 | 5 | 129 | 63410 | 17 | | | |
| | 7.13E+01 | | 2.0 | 9 | 129 | 63410 | 13 | | | |
| fluazifop-butyl | 1.14E+01 | | .9 | 3 | 88 | 70449 | 2 | d | | |
| | 2.01E+01 | | 2.9 | 9 | 88 | 70449 | 4 | d | | |
| | 8.20E+00 | | .9 | 4 | 88 | 70449 | 3 | d | | |
| | 1.39E+01 | | 1.1 | 7 | 88 | 70449 | 5 | d | | |
| fluometuron | 1.64E+00 | | 4.8 | 12 | 14 | 53169 | 6 | | | |
| | 7.40E-01 | | 1.2 | 4 | 14 | 53169 | 8 | | | |
| | 1.50E-01 | | .9 | 1 | 14 | 53169 | 7 | | | |
| | 2.81E+00 | | 4.0 | 2 | 14 | 53169 | 9 | | | |
| | 1.54E-01 | | .9 | 1 | 14 | 53169 | 12 | 9 | | |
| | 2.60E+00 | | 4.0 | 2 | 14 | 53169 | 16 | 9 | | |
| | 7.07E-01 | | 1.2 | 4 | 14 | 53169 | 14 | 9 | | |
| | 1.56E+00 | | 4.8 | 12 | 14 | 53169 | 10 | 9 | | |
| flurprimidol | 2.56E+00 | | 1.2 | 2 | 20 | 74391 | 1 | d | d | |
| | 9.35E+00 | | 4.0 | 4 | 20 | 74391 | 2 | d | d | |
| | 3.09E+00 | | 1.0 | 1 | 20 | 74391 | 3 | d | d | |
| | 4.90E+00 | | 4.0 | 4 | 20 | 74391 | 7 | d | | |
| | 1.20E-01 | | .1 | 1 | 20 | 74391 | 9 | d | | |
| | 3.46E+00 | | 1.8 | 2 | 20 | 74391 | 10 | d | | |
| | 8.90E-01 | | 1.1 | 2 | 20 | 74391 | 8 | d | | |
| | 4.77E+00 | | 3.1 | 11 | 20 | 74391 | 6 | d | | |
| | 3.11E+00 | | 1.9 | 4 | 20 | 74391 | 5 | d | d | |
| | 1.86E+00 | | 1.2 | 2 | 20 | 74391 | 4 | d | d | |
| flutolanil | 1.34E+00 | | .2 | 1 | 9 | 75719 | 1 | | | |
| | 3.55E+01 | | 6.2 | 2 | 9 | 75719 | 5 | | | |
| | 1.60E+01 | | 4.9 | 11 | 9 | 75719 | 4 | | | |
| | 1.06E+01 | | 2.4 | 12 | 9 | 75719 | 2 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| flutolanil | 1.03E+01 | | 3.9 | 16 | 9 | 75719 | 3 | | | |
| fluvalinate | 2.03E+03 | | 3.8 | 4 | 84 | 60437 | 3 | | | |
| | 3.44E+03 | | .5 | 2 | 84 | 60437 | 5 | | | |
| | 1.11E+03 | | .5 | 7 | 84 | 60437 | 9 | | | |
| | 3.33E+03 | | 1.3 | 2 | 84 | 60437 | 7 | | | |
| fonofos | 3.09E+00 | | .5 | 2 | 36 | 71798 | 7 | | | |
| | 1.29E+01 | | 2.9 | 9 | 36 | 71798 | 9 | | | |
| | 3.30E+00 | | .9 | 4 | 36 | 71798 | 8 | | | |
| | 6.62E+00 | | 1.1 | 7 | 36 | 71798 | 10 | | | |
| formetanate HCl | 2.10E+00 | | .4 | 1 | 36 | 91823 | 1 | d | | |
| | 1.49E+00 | | .1 | 1 | 36 | 91823 | 4 | d | d | |
| | 2.10E+00 | | | 1 | 36 | 91823 | 5 | | | |
| | 3.00E+00 | | | 2 | 36 | 91823 | 6 | | | |
| | 1.49E+00 | | | 1 | 36 | 91823 | 8 | | | |
| | 2.80E+00 | | | 7 | 36 | 91823 | 7 | | | |
| | 2.80E+00 | | 1.1 | 7 | 36 | 91823 | 3 | d | | |
| | 3.00E+00 | | .5 | 2 | 36 | 91823 | 2 | d | | |
| fosamine,ammonium salt | 2.20E-01 | | 1.1 | 2 | 19 | 59811 | 1 | | | |
| | 2.70E+00 | | 4.3 | 7 | 19 | 59811 | 5 | | | |
| | 5.40E-01 | | 2.1 | 2 | 19 | 59811 | 3 | | | |
| | 3.50E+02 | | 4.7 | 7 | 19 | 59811 | 7 | | | |
| fosethyl -Al | 6.50E+00 | | 3.6 | 2 | 32 | 53762 | 1 | | | |
| glyphosate | 9.00E+01 | | 1.2 | 7 | 153 | 47898 | 1 | 9 | | |
| | 6.20E+01 | | 3.4 | 9 | 153 | 47898 | 2 | 9 | | |
| | 2.20E+01 | | .7 | 2 | 153 | 47898 | 4 | 9 | | |
| | 7.00E+01 | | 2.4 | 2 | 153 | 47898 | 3 | 9 | | |
| halosulfuron methyl | 1.48E+00 | | 2.1 | 7 | 6 | 122082 | 1 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| halosulfuron methyl | 3.56E+00 | | 3.5 | 9 | 6 | 122082 | 7 | | | |
| | 6.80E-01 | | .8 | 2 | 6 | 122082 | 4 | | | |
| | 3.20E-01 | | 1.8 | 3 | 6 | 122082 | 10 | | | |
| harmony | 1.90E-01 | | 2.1 | 2 | 7 | 47832 | 3 | | | |
| | 1.38E+00 | | 4.3 | 7 | 7 | 47832 | 4 | | | |
| | 8.10E-02 | | 1.1 | 2 | 7 | 47832 | 2 | | | |
| | 1.25E+00 | | 7.5 | 8 | 7 | 47832 | 5 | | | |
| hexazinone | 9.80E+00 | | .8 | 4 | 51 | 91033 | 3 | d | | |
| | 2.40E-01 | | 1.0 | 2 | 51 | 91033 | 4 | | | |
| | 9.80E-01 | | 4.3 | 7 | 51 | 91033 | 6 | | | |
| | 2.42E-01 | | 1.0 | 2 | 55 | 111411 | 8 | 9 | | |
| | 1.03E+00 | | 4.3 | 7 | 55 | 111411 | 10 | 9 | | |
| | 4.47E-01 | | 2.1 | 2 | 55 | 111411 | 9 | 9 | | |
| | 1.08E+01 | | .8 | 4 | 55 | 111411 | 7 | 9 | u | |
| | 4.50E-01 | | 2.1 | 2 | 51 | 91033 | 5 | | | |
| hydramethylnon | 1.04E+03 | a | .5 | 1 | 53 | 118198 | 1 | g | j | |
| | 1.67E+03 | a | 1.0 | 2 | 53 | 118198 | 2 | g | j | |
| | 1.72E+03 | a | 2.4 | 4 | 53 | 118198 | 3 | g | j | |
| | 1.72E+03 | a | 3.1 | 7 | 53 | 118198 | 4 | g | j | |
| imazalil | 2.89E+01 | | 1.2 | 1 | 47 | 47222 | 1 | 9 | | |
| | 1.10E+02 | | 4.2 | 8 | 47 | 47222 | 6 | 9 | | |
| | 1.95E+02 | | 8.6 | 7 | 47 | 47222 | 8 | 9 | | |
| | 1.12E+02 | | 5.6 | 9 | 47 | 47222 | 7 | 9 | | |
| | 8.00E+01 | | 6.6 | 3 | 47 | 47222 | 2 | 9 | | |
| | 1.88E+02 | | 4.7 | 4 | 47 | 47222 | 4 | 9 | | |
| | 1.38E+02 | | 7.6 | 2 | 47 | 47222 | 3 | 9 | | |
| | 1.88E+02 | | 4.7 | 7 | 47 | 47222 | 5 | 9 | | |
| imazethapyr | 4.60E-01 | | 1.0 | 2 | 22 | 92836 | 1 | | | |
| | 7.80E-01 | | 1.6 | 2 | 22 | 92836 | 2 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| imazethapyr | 5.40E-01 | | 4.7 | 7 | 22 | 92836 | 3 | | | |
| | 8.20E-01 | | 6.5 | 7 | 22 | 92836 | 4 | | | |
| imidacloprid | 3.59E+00 | | | 2 | 29 | 119542 | 1 | | | |
| | 1.36E+00 | | | 10 | 29 | 119542 | 4 | | | |
| | 9.56E-01 | | .4 | 1 | 29 | 119544 | 9 | | | |
| | 1.02E+00 | | .6 | 3 | 29 | 119544 | 10 | | | |
| | 3.45E+00 | | 2.0 | 4 | 29 | 119544 | 12 | | | |
| | 4.18E+00 | | 2.6 | 7 | 29 | 119544 | 11 | | | |
| | 1.17E+00 | | | 1 | 29 | 119542 | 3 | | | |
| | 2.38E+00 | | | 8 | 29 | 119542 | 2 | | | |
| isazophos | 3.92E+00 | | 4.8 | 12 | 53 | 68800 | 1 | | | |
| | 1.18E+00 | | 1.9 | 2 | 53 | 68800 | 5 | | | |
| | 2.80E-01 | | .9 | 1 | 53 | 68800 | 2 | | | |
| | 5.37E-01 | | 1.0 | 2 | 53 | 68800 | 4 | | | |
| | 2.38E+00 | | 1.0 | 7 | 53 | 68800 | 3 | | | |
| isoxaben | 8.10E-01 | | .5 | 1 | 26 | 112348 | 1 | | | |
| | 6.63E+00 | | 2.0 | 11 | 26 | 112348 | 3 | | | |
| | 2.18E+00 | | 2.0 | 3 | 26 | 112348 | 4 | | | |
| | 2.48E+00 | | 1.4 | 2 | 26 | 112348 | 2 | | | |
| lindane | 1.65E+01 | | 2.0 | 11 | 36 | 54185 | 12 | 9 | | |
| | 2.53E+01 | | 3.2 | 3 | 36 | 54185 | 14 | 9 | | |
| | 3.22E+01 | | .7 | 1 | 36 | 54185 | 15 | 9 | | |
| | 1.43E+01 | | 3.2 | 4 | 36 | 54185 | 13 | 9 | | |
| linuron | 2.70E+00 | | 1.1 | 2 | 40 | 48003 | 8 | | | |
| | 7.70E+00 | | 4.3 | 7 | 40 | 48003 | 12 | | | |
| | 7.20E+00 | | 7.5 | 2 | 40 | 48003 | 14 | | | |
| | 5.00E+00 | | 2.1 | 2 | 40 | 48003 | 10 | | | |
| | 7.20E+00 | | 7.5 | 7 | 40 | 48003 | 18 | | | |
| | 7.70E+00 | | 4.3 | 7 | 40 | 48003 | 17 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| linuron | 5.00E+00 | | 2.1 | 2 | 40 | 48003 | 16 | | | |
| | 2.70E+00 | | 1.1 | 2 | 40 | 48003 | 15 | | | |
| malathion | 2.30E-01 | | .5 | 3 | 102 | 64850 | 10 | | | |
| | 1.01E+01 | | 3.0 | 7 | 102 | 64850 | 12 | | | |
| | 1.24E+00 | | 5.0 | 11 | 102 | 64850 | 13 | | | |
| | 8.60E-01 | | 1.0 | 2 | 102 | 64850 | 11 | | | |
| maleic hydrazide | 1.99E-01 | | .7 | 1 | 26 | 58197 | 1 | | | |
| | 2.61E+00 | | 5.7 | 2 | 26 | 58197 | 3 | | | |
| | 1.39E-01 | | .8 | 5 | 26 | 58197 | 4 | | | |
| | 2.34E-01 | | 2.0 | 7 | 26 | 58197 | 2 | | | |
| | 1.39E-01 | | .8 | 5 | 26 | 59477 | 12 | d | | |
| | 2.61E+00 | | 5.7 | 2 | 26 | 59477 | 11 | d | | |
| | 2.34E-01 | | 2.0 | 7 | 26 | 59477 | 10 | d | | |
| | 1.99E-01 | | .7 | 1 | 26 | 59477 | 9 | d | | |
| maneb | 1.86E+00 | | .2 | 3 | 50 | 91054 | 1 | | | |
| | 7.94E+00 | | 2.0 | 7 | 50 | 91054 | 3 | | | |
| | 7.01E+00 | | 1.3 | 11 | 50 | 91054 | 4 | | | |
| | 5.89E+00 | | 1.5 | 2 | 50 | 91054 | 2 | | | |
| mecoprop | 3.00E-01 | | 2.3 | 2 | 1 | 56719 | 1 | | | |
| | 4.30E-01 | | | 9 | 1 | 56719 | 3 | | | |
| | 2.00E-01 | | | 1 | 1 | 56719 | 4 | | | |
| | 6.90E-01 | | 5.9 | 7 | 1 | 56719 | 2 | | | |
| | 1.99E-01 | | .8 | 1 | 5 | 70186 | 8 | | | |
| | 4.28E-01 | | 2.5 | 9 | 5 | 70186 | 7 | | | |
| | 6.87E-01 | | 5.9 | 7 | 5 | 70186 | 6 | | | |
| | 2.98E-01 | | 2.3 | 2 | 5 | 70186 | 5 | | | |
| metalaxyl | 8.01E+00 | | 4.8 | 12 | 202 | 69521 | 1 | | | |
| | 1.41E+00 | | 1.2 | 4 | 202 | 69521 | 3 | | | |
| | 1.57E-01 | | .9 | 1 | 202 | 69521 | 2 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| metalaxyl | 4.00E-01 | | .5 | 2 | 202 | 69521 | 4 | | | |
| metaldehyde | 1.03E-01 | | .5 | 1 | 42 | 68227 | 1 | d | | |
| | 1.75E-01 | | 2.4 | 7 | 42 | 68227 | 3 | | | |
| | 2.22E-01 | | .8 | 2 | 42 | 68227 | 2 | | | |
| | 4.36E-01 | | 2.6 | 11 | 42 | 68227 | 4 | | | |
| methamidophos | 2.90E-02 | l | | 1 | 98 | 72652 | 4 | | | |
| | 2.90E-02 | l | | 2 | 98 | 72652 | 7 | | | |
| | 2.90E-02 | | | 11 | 98 | 72652 | 8 | | | |
| | 2.90E-02 | l | | 5 | 98 | 72652 | 6 | | | |
| | 2.90E-02 | l | | 7 | 98 | 72652 | 5 | | | |
| methidathion | 2.91E+00 | | 1.2 | 4 | 105 | 69522 | 1 | | | |
| | 8.68E+00 | | 4.8 | 12 | 105 | 69522 | 2 | | | |
| | 1.54E-01 | | .9 | 1 | 105 | 69522 | 3 | | | |
| | 1.58E+00 | | 2.1 | 2 | 105 | 69522 | 5 | | | |
| | 6.53E+00 | | 1.3 | 2 | 105 | 69522 | 4 | | | |
| methiocarb | 5.30E+00 | | 1.0 | 1 | 126 | 64699 | 2 | | | |
| | 9.00E+00 | | 2.9 | 7 | 126 | 64699 | 4 | | | |
| | 5.20E+00 | | 2.2 | 11 | 126 | 64699 | 5 | | | |
| | 4.30E+00 | | 1.3 | 2 | 126 | 64699 | 3 | | | |
| | 5.20E+00 | | 2.2 | 11 | 126 | 64699 | 13 | | | |
| | 9.00E+00 | | 2.9 | 7 | 126 | 64699 | 12 | | | |
| | 4.30E+00 | | 1.3 | 2 | 126 | 64699 | 11 | | | |
| | 5.30E+00 | | 1.0 | 1 | 126 | 64699 | 10 | | | |
| methomyl | 7.20E-01 | | 2.1 | 2 | 175 | 48397 | 3 | | | |
| | 1.40E+00 | | 7.5 | 7 | 175 | 48397 | 5 | | | |
| | 2.30E-01 | | 1.1 | 2 | 175 | 48397 | 6 | | | |
| | 1.00E+00 | | 4.3 | 7 | 175 | 48397 | 4 | | | |
| methyl bromide | 3.45E+00 | | | 7 | 97 | 58165 | 3 | 4 | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| methyl bromide | 9.07E+00 | | | 7 | 97 | 58165 | 5 | 4 | | |
| | 5.70E+00 | | | 1 | 97 | 58165 | 6 | 4 | | |
| | 9.40E+00 | | | 7 | 97 | 58165 | 4 | 4 | | |
| methyl parathion | 7.09E+00 | | 2.4 | 7 | 62 | 58997 | 6 | | | |
| | 1.82E+00 | | .8 | 2 | 62 | 58997 | 8 | | | |
| | 5.70E-01 | | .5 | 1 | 62 | 58997 | 9 | | | |
| | 8.71E+00 | | 2.6 | 11 | 62 | 58997 | 7 | | | |
| metiram | 5.80E-01 | | .9 | 1 | 31 | 69010 | 1 | d | | |
| | 4.85E+01 | | 4.8 | 12 | 31 | 69010 | 3 | d | | |
| | 6.17E+00 | | 1.0 | 7 | 31 | 69010 | 4 | d | | |
| | 1.68E+00 | | .5 | 2 | 31 | 69010 | 2 | d | | |
| metolachlor | 1.54E+00 | | 2.2 | | 188 | 53978 | 3 | | | |
| | 1.69E+00 | | 1.2 | 1 | 188 | 53978 | 6 | | | |
| metribuzin | 1.32E+00 | | 2.8 | 2 | 170 | 49561 | 5 | | | |
| | 1.53E+00 | | 5.0 | 10 | 170 | 49561 | 7 | | | |
| | 1.90E+00 | | 5.0 | 7 | 150 | 49561 | 6 | | | |
| | 2.00E-01 | | 2.2 | 11 | 198 | 95595 | 23 | t | | |
| | 2.20E-01 | | 2.9 | 7 | 198 | 95595 | 22 | t | | |
| | 2.00E-02 | | 1.1 | 2 | 198 | 95595 | 21 | t | | |
| | 2.50E-01 | | 1.0 | 1 | 198 | 95595 | 20 | t | | |
| metsulfuron-methyl | 4.10E-01 | | 1.4 | 2 | 22 | 47851 | 1 | 9 | | |
| | 8.40E-01 | | 2.8 | 7 | 22 | 47851 | 3 | 9 | | |
| | 1.40E+00 | | 4.0 | 7 | 22 | 47851 | 2 | 9 | | |
| mevinphos | 3.92E-01 | | 1.0 | 2 | 17 | 55753 | 2 | | | |
| | 8.62E-01 | | 2.0 | 7 | 17 | 55753 | 4 | | | |
| | 1.92E+00 | | 4.9 | 11 | 17 | 55753 | 8 | | | |
| | 3.76E-01 | | 1.0 | 2 | 17 | 55753 | 10 | | | |
| | 6.07E-01 | | 3.0 | 4 | 17 | 55753 | 6 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| molinate | 7.41E-01 | | .5 | 2 | 52 | 59634 | 7 | | | |
| | 2.04E+00 | | 2.2 | 2 | 52 | 59634 | 9 | | | |
| | 1.35E+00 | | 1.9 | 3 | 52 | 59634 | 8 | | | |
| | 1.95E+00 | | 1.7 | 12 | 52 | 59634 | 10 | | | |
| | 1.57E+00 | | 1.3 | 16 | 52 | 59634 | 11 | | | |
| monocrotophos | 1.58E-01 | | 1.1 | 2 | 31 | 48236 | 2 | | | |
| | 7.70E-02 | | .4 | 1 | 31 | 48236 | 5 | | | |
| | 1.19E-01 | | 1.5 | 5 | 31 | 48236 | 4 | | | |
| | 6.15E-01 | | 2.0 | 9 | 31 | 48236 | 3 | | | |
| | 7.70E-02 | | .4 | 1 | 31 | 48236 | 13 | d | | |
| | 1.19E-01 | | 1.5 | 5 | 31 | 48236 | 12 | | | |
| | 6.15E-01 | | 2.0 | 9 | 31 | 48236 | 11 | d | | |
| | 1.58E-01 | | 1.1 | 2 | 31 | 48236 | 10 | | | |
| monosodium methanearsonate | 3.90E-01 | | .4 | 1 | 38 | 69072 | 1 | | | |
| | 3.48E+01 | | 3.1 | 2 | 38 | 69072 | 2 | | | |
| | 1.33E+01 | | .7 | 7 | 38 | 69072 | 3 | | | |
| | 2.00E+01 | | 2.7 | 10 | 38 | 69072 | 4 | | | |
| naled | 1.30E+00 | | 1.4 | | 94 | 59449 | 3 | | | |
| | 1.80E+00 | | 1.4 | | 94 | 59449 | 5 | | | |
| | 3.60E+00 | | 2.4 | | 94 | 59449 | 6 | | | |
| | 3.60E+00 | | 6.7 | | 94 | 59449 | 4 | | | |
| napropamide | 3.38E+00 | | .5 | 2 | 73 | 71638 | 6 | 4 | | |
| | 8.63E+00 | | 3.1 | 4 | 73 | 71638 | 8 | 4 | | |
| | 1.48E+01 | | 3.8 | 7 | 73 | 71638 | 9 | 4 | | |
| | 5.12E+00 | | 1.9 | 3 | 73 | 71638 | 7 | 4 | | |
| naptalam,sodium salt | 2.93E+01 | | 4.8 | 12 | 22 | 64083 | 1 | | | |
| | 1.50E+01 | | 1.2 | 4 | 22 | 64083 | 5 | | | |
| | 1.17E+01 | | 5.0 | 2 | 22 | 64083 | 7 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| naptalam,sodium salt | 8.32E+00 | | .9 | 1 | 22 | 64083 | 3 | | | |
| | 3.77E+00 | | 2.3 | 2 | 15 | 48159 | 12 | | | |
| | 2.51E+00 | | 2.9 | 4 | 15 | 48159 | 11 | | | |
| | 4.10E-01 | | .9 | 1 | 15 | 48159 | 10 | | | |
| | 3.20E-01 | | 1.0 | 2 | 15 | 48159 | 9 | | | |
| nicosulfuron | 1.60E-01 | a | 1.1 | 2 | 24 | 115376 | 1 | | | |
| | 2.80E-01 | a | 2.1 | 2 | 24 | 115376 | 2 | | | |
| | 1.73E+00 | a | 4.3 | 7 | 24 | 115376 | 3 | | | |
| | 6.10E-01 | a | 4.7 | 7 | 24 | 115376 | 4 | | | |
| nitrapyrin | 9.50E-01 | | .6 | 2 | 19 | 63180 | 1 | | | |
| | 1.99E+01 | | 10.2 | 11 | 19 | 63180 | 5 | | | |
| | 2.92E+00 | | 1.5 | 2 | 19 | 63180 | 7 | | | |
| | 2.22E+00 | | 1.1 | 4 | 19 | 63180 | 3 | | | |
| | 5.20E+00 | | 3.7 | 9 | 19 | 63180 | 9 | | | |
| norflurazon | 1.90E+00 | | .3 | 4 | 46 | 52146 | 1 | | | |
| | 2.60E+01 | | 11.4 | 12 | 46 | 52146 | 9 | | | |
| | 1.40E-01 | | .0 | 1 | 46 | 52146 | 11 | | | |
| | 2.20E+00 | | 1.3 | 2 | 46 | 52146 | 7 | | | |
| | 2.30E+00 | | .9 | 4 | 46 | 52146 | 3 | | | |
| | 1.90E+00 | | .3 | 16 | 46 | 52146 | 5 | | | |
| oryzalin | 2.10E+00 | | .5 | 1 | 65 | 63531 | 2 | | | |
| | 2.10E+00 | | .5 | 1 | 65 | 63531 | 6 | 9 | | |
| | 8.40E+00 | | 1.8 | 4 | 65 | 63531 | 8 | 9 | | |
| | 4.90E+00 | | 1.4 | 2 | 65 | 63531 | 7 | 9 | | |
| | 1.29E+01 | | 2.0 | 11 | 65 | 63531 | 9 | 9 | | |
| | 1.30E+01 | | 2.0 | 11 | 65 | 63531 | 5 | | | |
| | 4.90E+00 | | 1.4 | 2 | 65 | 63531 | 3 | | | |
| | 8.40E+00 | | 1.8 | 4 | 65 | 63531 | 4 | | | |
| oxadiazon | 1.69E+01 | | 2.4 | 7 | 60 | 74573 | 5 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| oxadiazon | 8.17E+00 | | .5 | 1 | 60 | 74573 | 8 | | | |
| | 1.14E+01 | | .8 | 2 | 60 | 74573 | 7 | | | |
| | 2.28E+01 | | 2.4 | 12 | 60 | 74573 | 6 | | | |
| oxamyl | 1.00E-01 | 1 | 2.1 | 7 | 74 | 61140 | 19 | d | | |
| | 5.00E-02 | | .1 | | 74 | 61494 | 21 | d | | |
| | 1.00E-01 | 1 | .7 | 3 | 74 | 61140 | 20 | d | | |
| | 8.00E-02 | | .7 | | 74 | 61494 | 22 | d | | |
| | 2.60E-01 | | 1.2 | 12 | 74 | 61494 | 24 | d | | |
| | 3.10E-01 | | 2.0 | 12 | 74 | 61494 | 25 | d | | |
| | 1.50E-01 | | 1.0 | | 74 | 61494 | 23 | d | | |
| oxycarboxin | 1.64E+00 | | 4.8 | 12 | 12 | 63543 | 1 | | | |
| | 4.03E-01 | | .5 | 2 | 12 | 63543 | 4 | | | |
| | 6.87E-01 | | 1.2 | 4 | 12 | 63543 | 3 | | | |
| | 2.64E-01 | | .9 | 1 | 12 | 63543 | 2 | | | |
| oxydemeton methyl | 9.00E-02 | | 1.0 | 1 | 137 | 66450 | 1 | | | |
| | 8.00E-02 | | 1.1 | 2 | 137 | 66450 | 2 | | | |
| | 4.50E-01 | | 2.2 | 11 | 137 | 66450 | 4 | | | |
| | 8.90E-01 | | 2.9 | 7 | 137 | 66450 | 3 | | | |
| oxyfluorfen | 6.18E+01 | | 1.3 | 2 | 103 | 71799 | 1 | | | |
| | 8.50E+00 | | .5 | 1 | 103 | 17199 | 3 | | | |
| | 2.29E+02 | | 1.2 | 9 | 103 | 71799 | 4 | | | |
| | 9.86E+01 | | 3.0 | 11 | 103 | 71799 | 2 | | | |
| oxythioquinox | 4.32E+02 | | 2.9 | 7 | 63 | 73458 | 1 | | | |
| | 2.48E+02 | | 2.3 | 11 | 63 | 73458 | 3 | | | |
| | 4.32E+02 | | 2.9 | 4 | 63 | 73458 | 9 | f | | |
| | 2.48E+02 | | 2.3 | 11 | 63 | 73458 | 11 | f | | |
| | 1.47E+02 | | 1.1 | 2 | 63 | 73458 | 12 | f | | |
| | 5.60E+01 | | 1.0 | 1 | 63 | 73458 | 10 | f | | |
| | 1.47E+02 | | 1.1 | 2 | 63 | 73458 | 4 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| oxythioquinox | 5.60E+01 | | 1.0 | 1 | 63 | 73458 | 2 | | | |
| paraquat dichloride | 1.00E+04 | g | | 3 | 95 | 52827 | 3 | | | |
| parathion | 1.71E+00 | | .2 | 1 | 31 | 69714 | 15 | | | |
| | 9.07E+00 | | 3.9 | 2 | 31 | 69714 | 21 | | | |
| | 2.53E+01 | | 1.6 | 11 | 31 | 69714 | 17 | | | |
| | 1.13E+01 | | 1.9 | 7 | 31 | 69714 | 19 | | | |
| pebulate | 1.25E+00 | | .5 | 2 | 19 | 64669 | 1 | 9 | | |
| | 3.25E+00 | | 1.9 | 3 | 19 | 64669 | 3 | | | |
| | 7.44E+00 | | 2.2 | 2 | 19 | 64669 | 5 | | | |
| | 4.46E+00 | | 1.7 | 12 | 19 | 64669 | 7 | | | |
| pendimethalin | 3.00E+01 | | .8 | 3 | 75 | 53631 | 2 | E | | |
| | 8.57E+02 | | 5.0 | 9 | 75 | 53631 | 6 | E | | |
| | 1.10E+02 | | 1.6 | 2 | 75 | 53631 | 3 | E | | |
| | 3.80E+02 | | 4.7 | 7 | 75 | 53631 | 4 | E | | |
| | 1.76E+02 | | 3.8 | 4 | 75 | 53631 | 5 | | | |
| pentachloronitrobenzene | 2.41E+01 | | .8 | 7 | 46 | 67131 | 2 | | | |
| | 8.91E+01 | | 2.6 | 11 | 46 | 67131 | 5 | | | |
| | 2.68E+01 | | .8 | 7 | 46 | 67131 | 11 | d | e | |
| | 9.89E+01 | | 2.6 | 11 | 46 | 67131 | 13 | d | e | |
| | 4.26E+01 | | .8 | 7 | 46 | 67131 | 15 | t | d | |
| | 1.22E+02 | | 2.6 | 11 | 46 | 67131 | 17 | t | d | |
| | 3.84E+01 | | 2.1 | 1 | 46 | 67131 | 16 | t | d | |
| | 7.28E+00 | | 2.4 | 12 | 70 | 95225 | 21 | | | |
| | 1.55E+01 | | 2.4 | 7 | 70 | 95225 | 20 | | | |
| | 2.10E+02 | | .8 | 2 | 70 | 95225 | 19 | | | |
| | 1.91E+01 | | .5 | 1 | 70 | 95225 | 18 | | | |
| | 5.27E+01 | | 1.6 | 2 | 46 | 67131 | 14 | t | d | |
| | 3.45E+01 | | 2.1 | 1 | 46 | 67131 | 12 | d | e | |
| | 5.16E+01 | | 1.6 | 2 | 46 | 67131 | 10 | d | e | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| pentachloronitrobenzene | 3.12E+01 | | 2.1 | 1 | 46 | 67131 | 4 | | | |
| | 4.65E+01 | | 1.6 | 2 | 46 | 67131 | 3 | | | |
| permethrin | 3.00E+02 | B | 4.9 | 2 | 324 | 51239 | 1 | | | |
| | 3.86E+01 | | 1.7 | 1 | 324 | 51242 | 3 | | | |
| | 3.53E+01 | | 1.2 | 7 | 378 | 70414 | 16 | | | |
| | 9.14E+01 | | 3.0 | 9 | 378 | 70414 | 15 | | | |
| | 3.98E+01 | | 1.0 | 4 | 378 | 70414 | 14 | | | |
| | 2.71E+01 | | .9 | 3 | 378 | 70414 | 13 | | | |
| | 1.18E+02 | | 3.9 | 7 | 324 | 51242 | 7 | | | |
| | 6.33E+01 | | 5.2 | 11 | 324 | 51242 | 11 | | | |
| | 6.11E+02 | | 7.3 | 2 | 324 | 51242 | 9 | | | |
| | 2.07E+01 | | 3.1 | 2 | 324 | 51242 | 5 | | | |
| | 4.40E+02 | H | 4.9 | 2 | 324 | 51239 | 2 | | | |
| phorate | 1.53E+00 | | 1.0 | 3 | 43 | 64117 | 17 | | | |
| | 3.13E+00 | | 1.1 | 2 | 43 | 64117 | 18 | | | |
| | 1.99E+01 | | 3.8 | 4 | 43 | 64117 | 20 | | | |
| | 7.54E+00 | | 3.0 | 7 | 43 | 64117 | 19 | | | |
| phosalone | 2.52E+01 | | 2.4 | 7 | 40 | 75482 | 1 | | | |
| | 6.16E+01 | | 2.4 | 12 | 40 | 75482 | 10 | 4 | | |
| | 5.39E+00 | | .5 | 1 | 40 | 75482 | 12 | 4 | | |
| | 1.09E+01 | | .8 | 2 | 40 | 75482 | 11 | 4 | | |
| | 2.52E+01 | | 2.4 | 7 | 40 | 75482 | 9 | 4 | | |
| | 6.16E+01 | | 2.4 | 12 | 40 | 75482 | 2 | | | |
| | 1.09E+01 | | .8 | 2 | 40 | 75482 | 3 | | | |
| | 5.39E+00 | | .5 | 1 | 40 | 75482 | 4 | | | |
| phosmet | 1.24E+01 | | .2 | 2 | 76 | 59635 | 1 | | | |
| | 1.36E+01 | | 3.1 | 4 | 76 | 59635 | 5 | | | |
| | 1.17E+01 | | .2 | 1 | 76 | 59635 | 3 | | | |
| | 1.58E+01 | | 3.8 | 7 | 76 | 59635 | 7 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| phosphamidon | 3.26E+00 | | 4.8 | 12 | 21 | 69518 | 2 | d | | |
| | 5.73E-02 | | .9 | 1 | 21 | 69518 | 3 | d | | |
| | 1.99E-01 | | .5 | 2 | 21 | 69518 | 5 | d | | |
| | 4.88E-01 | | 1.2 | 4 | 21 | 69518 | 4 | d | | |
| piperalin | 2.76E+01 | | .5 | 1 | 6 | 67333 | 1 | | | |
| | 6.23E+01 | | 1.4 | 2 | 6 | 67333 | 2 | | | |
| | 5.11E+02 | | 2.0 | 11 | 6 | 67333 | 4 | | | |
| | 3.05E+02 | | 1.8 | 4 | 6 | 67333 | 3 | | | |
| piperonyl butoxide | 4.70E+00 | | .1 | 1 | 35 | 96565 | 1 | t | d | |
| | 9.47E+00 | | 2.4 | 7 | 35 | 96565 | 4 | d | | |
| | 1.82E+01 | | 1.3 | 11 | 35 | 96565 | 2 | d | | |
| | 1.59E+01 | | 1.6 | 2 | 35 | 96565 | 3 | d | | |
| pirate | 2.66E+01 | a | .5 | 3 | 19 | 125197 | 1 | | | |
| | 1.78E+02 | a | 1.9 | 7 | 19 | 125197 | 4 | | | |
| | 1.08E+02 | a | 2.5 | 4 | 19 | 125197 | 3 | | | |
| | 1.07E+02 | a | 1.5 | 2 | 19 | 125197 | 2 | | | |
| prodiamine | 5.44E+01 | a | 1.0 | 7 | 46 | 121716 | 1 | d | | |
| | 1.10E+02 | a | 3.9 | 11 | 47 | 121717 | 5 | d | | |
| | 1.20E+02 | a | 3.8 | 4 | 47 | 121717 | 7 | d | | |
| | 3.98E+02 | a | 6.2 | 2 | 46 | 121716 | 3 | d | | |
| profenofos | 4.59E+00 | | .9 | 1 | 71 | 69519 | 1 | | | |
| | 1.58E+01 | | 2.7 | 2 | 71 | 69519 | 5 | | | |
| | 7.46E+00 | | .5 | 2 | 71 | 69519 | 2 | | | |
| | 1.69E+01 | | 1.2 | 4 | 71 | 69519 | 3 | | | |
| | 8.92E+01 | | 4.8 | 12 | 71 | 69519 | 4 | | | |
| prometon | 2.61E+00 | | 3.0 | 2 | 30 | 50128 | 6 | 9 | | |
| | 1.20E+00 | | 2.1 | 7 | 30 | 50128 | 9 | 9 | | |
| | 3.98E-01 | | .8 | 1 | 30 | 50128 | 10 | 9 | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| prometon | 2.90E+00 | | 2.9 | 7 | 30 | 50128 | 7 | 9 | | |
| | 2.40E+00 | | 5.0 | 9 | 30 | 50128 | 8 | 9 | | |
| prometryn | 3.32E+00 | | 5.0 | 11 | 27 | 68381 | 13 | 9 | | |
| | 2.03E+00 | | .7 | 2 | 27 | 68381 | 17 | 9 | | |
| | 9.61E-01 | | 1.1 | 7 | 27 | 68381 | 19 | 9 | | |
| | 6.41E-01 | | .3 | 1 | 27 | 68381 | 15 | 9 | | |
| propanil | 5.40E-01 | | .3 | 1 | 7 | 86986 | 1 | | | |
| | 1.17E+01 | | 5.0 | 11 | 7 | 86986 | 5 | | | |
| | 8.00E+00 | | 1.7 | 7 | 7 | 86986 | 4 | | | |
| | 2.32E+00 | | 1.7 | 2 | 7 | 86986 | 2 | | | |
| | 5.79E+00 | | 1.4 | 9 | 7 | 86986 | 3 | | | |
| propargite | 1.67E+01 | | .7 | 1 | 79 | 71933 | 1 | | | |
| | 5.51E+02 | | 1.7 | 5 | 79 | 71933 | 3 | | | |
| | 2.66E+02 | | 5.4 | 5 | 79 | 71933 | 4 | | | |
| | 1.14E+01 | | .3 | 2 | 79 | 71933 | 2 | | | |
| propham | 1.51E-02 | | 4.7 | 7 | 13 | 50118 | 5 | | | |
| | 4.11E-01 | | 1.0 | 7 | 13 | 50118 | 8 | | | |
| | 1.48E-01 | | .4 | 2 | 13 | 50118 | 9 | | | |
| | 3.61E-03 | | 1.3 | 4 | 13 | 50118 | 7 | | | |
| | 9.83E-01 | | 2.8 | 7 | 13 | 50118 | 6 | | | |
| propiconazole | 1.20E+00 | | .3 | 1 | 87 | 74105 | 1 | | | |
| | 8.88E+00 | | 2.5 | 9 | 87 | 74105 | 4 | | | |
| | 9.34E+00 | | 1.4 | 11 | 87 | 74105 | 5 | | | |
| | 4.49E+00 | | 2.0 | 2 | 87 | 74105 | 3 | | | |
| | 2.81E+00 | | 1.1 | 7 | 87 | 74105 | 2 | | | |
| propoxur | 1.94E+00 | | 2.9 | 7 | 154 | 65386 | 10 | | | |
| | 3.74E+01 | | 1.1 | 2 | 154 | 65386 | 11 | | | |
| | 8.79E+00 | | 1.0 | 1 | 154 | 65386 | 12 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| propoxur | 4.93E+00 | | 2.2 | 11 | 154 | 65386 | 13 | | | |
| propyzamide | 5.16E+00 | | 1.6 | 9 | 43 | 64461 | 7 | | | |
| | 3.47E+00 | | .5 | 1 | 43 | 64461 | 9 | | | |
| | 1.01E+01 | | 2.4 | 4 | 43 | 64461 | 11 | | | |
| | 3.15E+00 | | .4 | 12 | 43 | 64461 | 17 | | | |
| | 4.85E+00 | | 1.2 | 12 | 43 | 64461 | 15 | | | |
| | 8.05E+00 | | 2.4 | 2 | 43 | 64461 | 13 | | | |
| pyrazon | 3.88E+01 | | .8 | 7 | 23 | 67132 | 4 | | | |
| | 1.49E+02 | | 2.1 | 1 | 23 | 67132 | 8 | | | |
| | 7.99E+01 | | 1.6 | 2 | 23 | 67132 | 6 | | | |
| | 2.67E+02 | | 2.6 | 11 | 23 | 67132 | 10 | | | |
| pyrithiobac sodium | 8.00E-02 | | 1.1 | 2 | 19 | 125421 | 1 | | | |
| | 6.10E-01 | | 5.0 | 11 | 19 | 125421 | 4 | | | |
| | 6.00E-02 | | 1.1 | 7 | 19 | 125421 | 3 | | | |
| | 3.20E-01 | | 5.1 | 7 | 19 | 125421 | 2 | | | |
| sethoxydim | 3.04E-01 | | | | 51 | 54410 | 1 | | | |
| | 7.42E-01 | | | | 51 | 54410 | 2 | | | |
| | 5.21E-01 | | | | 51 | 54410 | 3 | | | |
| | 3.41E-01 | | | | 51 | 54410 | 4 | | | |
| simazine | 4.66E+00 | | 2.9 | | 55 | 50871 | 14 | | | |
| | 3.66E-01 | | .3 | | 55 | 50871 | 17 | | | |
| | 2.92E+00 | | 3.0 | | 55 | 50872 | 19 | | | |
| | 3.20E+00 | | 2.5 | | 55 | 50872 | 21 | | | |
| | 1.30E+00 | | 2.1 | 7 | 55 | 50872 | 20 | | | |
| | 4.11E+00 | | 2.5 | 11 | 55 | 50873 | 52 | 9 | | |
| | 3.63E+01 | | 3.0 | 2 | 55 | 50873 | 48 | 9 | | |
| | 4.17E+00 | | .8 | 1 | 55 | 50873 | 46 | 9 | | |
| | 7.40E-01 | | 2.5 | 11 | 55 | 50874 | 44 | 9 | | |
| | 6.94E-01 | | 2.1 | 7 | 55 | 50874 | 42 | 9 | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| simazine | 1.93E-01 | | 3.0 | 2 | 55 | 50874 | 40 | 9 | | |
| | 1.06E+00 | | 2.5 | 11 | 55 | 50875 | 36 | 9 | | |
| | 1.74E+00 | | 2.1 | 7 | 55 | 50875 | 35 | 9 | | |
| | 5.85E-01 | | 3.0 | 2 | 55 | 50875 | 32 | 9 | | |
| | 2.75E+01 | | 2.1 | 7 | 55 | 50873 | 50 | 9 | | |
| | 1.02E-01 | | .8 | 1 | 55 | 50874 | 38 | 9 | | |
| | 9.60E-01 | | 2.1 | 7 | 55 | 50875 | 34 | 9 | | |
| | 4.83E-01 | | .8 | 4 | 84 | 85610 | 61 | | | |
| | 1.27E+00 | | 1.9 | 2 | 84 | 85610 | 60 | | | |
| | 6.53E-01 | | .9 | 1 | 84 | 85610 | 59 | | | |
| | 4.31E+00 | | 4.8 | 12 | 84 | 85610 | 58 | | | |
| | 2.13E-01 | | .8 | 1 | 55 | 50875 | 30 | 9 | | |
| | 1.77E+00 | | .8 | | 55 | 50872 | 18 | | | |
| | 1.13E+00 | | 1.6 | | 55 | 50871 | 16 | | | |
| | 1.42E+00 | | 1.9 | | 55 | 50871 | 15 | | | |
| strychnine | 8.00E+00 | | .8 | 2 | 2 | 65151 | 3 | d | | |
| | 8.30E+01 | | 2.0 | 7 | 2 | 65151 | 5 | d | | |
| | 1.19E+02 | a | 2.8 | 4 | 25 | 129496 | 6 | | | |
| | 5.39E+01 | | .5 | 3 | 2 | 65151 | 4 | d | | |
| | 3.98E+01 | a | .5 | 3 | 25 | 129496 | 7 | | | |
| | 9.46E+01 | a | .9 | 2 | 25 | 129496 | 9 | | | |
| | 1.69E+02 | a | 2.0 | 5 | 25 | 129496 | 8 | | | |
| sulfometuron methyl | 7.10E-01 | | 1.4 | 2 | 20 | 69516 | 1 | d | | |
| | 2.85E+00 | | 4.0 | 7 | 20 | 69516 | 2 | d | | |
| | 1.00E+00 | | 2.4 | 1 | 20 | 69516 | 4 | d | | |
| | 9.70E-01 | | 2.8 | 7 | 20 | 69516 | 3 | d | | |
| sulfosate | 3.76E+02 | | 3.0 | 7 | 37 | 18152 | 1 | | | |
| | 2.20E+01 | | 2.3 | 12 | 37 | 18151 | 12 | | | |
| | 8.20E+00 | | 57.0 | 1 | 37 | 18151 | 11 | | | |
| | 1.20E+01 | | 3.9 | 4 | 37 | 18151 | 10 | | | |
| | 2.10E+01 | | 3.0 | 7 | 37 | 18151 | 9 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| sulfosate | 5.57E+01 | | 3.9 | 4 | 37 | 18152 | 2 | | | |
| | 2.06E+03 | | 2.3 | 12 | 37 | 18152 | 4 | | | |
| | 3.15E+01 | | .8 | 2 | 37 | 18152 | 3 | | | |
| sulprofos | 5.26E+00 | | 1.0 | 1 | 65 | 69720 | 1 | | | |
| | 8.62E+00 | | 2.2 | 11 | 65 | 69720 | 4 | | | |
| | 9.30E+00 | | 2.9 | 7 | 65 | 69720 | 3 | | | |
| | 4.41E+00 | | 1.1 | 2 | 65 | 69720 | 2 | | | |
| tebuthiuron | 1.10E-01 | | .5 | 1 | 37 | 65537 | 2 | | | |
| | 1.82E+00 | | 2.0 | 11 | 37 | 65537 | 5 | | | |
| | 8.20E-01 | | 1.8 | 4 | 37 | 65537 | 4 | | | |
| | 6.20E-01 | | 1.4 | 2 | 37 | 65537 | 3 | | | |
| temephos | 1.30E+02 | | 1.6 | 2 | 19 | 54271 | 2 | d | | |
| | 2.44E+02 | | 2.4 | 7 | 19 | 54271 | 3 | d | | |
| | 7.26E+01 | | 1.0 | 3 | 19 | 54271 | 1 | | | |
| | 5.42E+02 | | 3.8 | 4 | 19 | 54271 | 4 | | | |
| terbacil | 3.90E-01 | | 1.1 | 2 | 20 | 47867 | 3 | | | |
| | 1.20E+00 | | 4.7 | 7 | 20 | 47867 | 6 | | | |
| | 1.30E+00 | | 4.3 | 7 | 20 | 47867 | 5 | | | |
| | 7.10E-01 | | 2.1 | 2 | 20 | 47867 | 4 | | | |
| terbutryn | 1.32E+01 | | 1.5 | 7 | 24 | 53530 | 1 | | | |
| | 1.95E+02 | | 2.7 | 12 | 24 | 53530 | 3 | | | |
| | 2.55E+00 | | .0 | 3 | 24 | 53530 | 7 | | | |
| | 4.29E+01 | | 93.2 | 1 | 24 | 53530 | 5 | | | |
| terrazole | 2.80E+00 | | 4.8 | 12 | 70 | 63472 | 2 | | | |
| | 2.48E-01 | | .9 | 1 | 70 | 63472 | 4 | | | |
| | 2.60E-01 | | .5 | 2 | 70 | 63472 | 8 | | | |
| | 1.33E+00 | | 1.2 | 4 | 70 | 63472 | 6 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| thiobencarb | 5.42E+00 | | | 2 | 126 | 72648 | 7 | | | |
| | 1.13E+01 | | | 11 | 126 | 72648 | 15 | | | |
| | 7.30E+00 | | | 4 | 126 | 72648 | 9 | | | |
| | 2.01E+01 | | | 7 | 126 | 72648 | 13 | | | |
| | 9.28E+00 | | | 10 | 126 | 72648 | 11 | | | |
| thiodicarb | 1.34E+00 | | 1.3 | 9 | 44 | 49531 | 1 | | | |
| | 5.80E-01 | | .8 | 2 | 44 | 49531 | 2 | | | |
| | 1.22E+00 | | 1.0 | 2 | 44 | 49531 | 3 | | | |
| thiophanate-methyl | 3.00E-01 | | .2 | 1 | 42 | 64422 | 1 | 4 | | |
| | 1.60E+00 | | 7.3 | 16 | 42 | 64422 | 5 | 4 | | |
| | 6.00E-01 | | .9 | 7 | 42 | 64422 | 2 | 4 | | |
| | 6.90E+00 | | 4.2 | 11 | 42 | 64422 | 4 | 4 | | |
| | 3.30E+00 | | 1.7 | 2 | 42 | 64422 | 3 | 4 | | |
| thiram | 3.75E+00 | | .2 | 1 | 17 | 48315 | 1 | | | |
| | 7.78E+01 | | 69.0 | 15 | 17 | 48315 | 7 | | | |
| | 3.68E+01 | | 5.2 | 11 | 17 | 48315 | 5 | | | |
| | 1.36E+01 | | 3.3 | 2 | 17 | 48315 | 3 | | | |
| tralomethrin | 8.32E+02 | | .5 | 1 | 48 | 98967 | 1 | | | |
| | 3.51E+03 | | .8 | 2 | 48 | 98967 | 2 | | | |
| | 8.78E+03 | | 2.6 | 11 | 48 | 98967 | 4 | | | |
| | 1.97E+02 | | .9 | 4 | 48 | 98967 | 3 | | | |
| triadimefon | 2.56E+00 | | 1.0 | 1 | 130 | 64856 | 1 | | | |
| | 2.74E+00 | | 2.2 | 11 | 130 | 64856 | 7 | | | |
| | 7.31E+00 | | 2.9 | 7 | 130 | 64856 | 5 | | | |
| | 1.96E+00 | | 1.1 | 2 | 130 | 64856 | 3 | | | |
| triallate | 3.50E+01 | | 3.4 | 9 | 28 | 47942 | 5 | | | |
| | 5.30E+00 | | .7 | 2 | 28 | 47942 | 8 | | | |
| | 1.90E+01 | | 1.2 | 7 | 28 | 47942 | 7 | | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| triallate | 2.40E+01 | | 2.4 | 2 | 28 | 47942 | 6 | | | |
| tributyl phosphorotrithioate | 6.68E+01 | | 1.0 | 1 | 33 | 65385 | 1 | | | |
| | 6.06E+01 | | 1.1 | 2 | 33 | 65385 | 3 | | | |
| | 1.06E+02 | | 2.2 | 11 | 33 | 65385 | 7 | | | |
| | 7.43E+01 | | 2.9 | 7 | 33 | 65385 | 5 | | | |
| trichlorophon | 7.06E+00 | | 2.9 | 7 | 132 | 65383 | 1 | | | |
| | 1.07E-01 | | 1.1 | 2 | 132 | 65383 | 3 | | | |
| | 4.18E-02 | | 1.0 | 1 | 132 | 65383 | 5 | | | |
| | 1.41E-02 | | 2.2 | 11 | 132 | 65383 | 7 | | | |
| triclopyr, triethylamine salt | 1.04E+00 | | 1.3 | 1 | 49 | 66737 | 13 | | | |
| | 5.46E-01 | | 4.1 | 2 | 49 | 66737 | 16 | | | |
| | 5.46E-01 | | 4.1 | 2 | 49 | 66737 | 16 | | | |
| | 7.32E-01 | | 2.5 | 11 | 49 | 66737 | 15 | | | |
| | 7.32E-01 | | 2.5 | 11 | 49 | 66737 | 15 | | | |
| | 1.04E+00 | | 1.3 | 1 | 49 | 66737 | 13 | | | |
| | 1.63E-01 | | 1.2 | 7 | 49 | 66737 | 14 | | | |
| | 1.63E-01 | | 1.2 | 7 | 49 | 66737 | 14 | | | |
| triflumizole | 7.94E+01 | | 4.8 | 12 | 30 | 68725 | 1 | | | |
| | 1.38E+01 | | 5.4 | 2 | 30 | 68726 | 19 | | | |
| | 7.17E-01 | | 1.0 | 2 | 30 | 68726 | 17 | | | |
| | 7.57E+00 | | 1.0 | 2 | 30 | 68725 | 7 | | | |
| | 6.33E+01 | | 5.4 | 2 | 30 | 68725 | 9 | | | |
| | 6.97E+00 | | 4.8 | 12 | 30 | 68726 | 11 | | | |
| | 5.94E+00 | | 1.0 | 7 | 30 | 68726 | 15 | | | |
| | 1.78E-01 | | .9 | 1 | 30 | 68726 | 13 | | | |
| | 2.54E+01 | | 1.0 | 7 | 30 | 68725 | 5 | | | |
| | 1.53E+00 | | .9 | 1 | 30 | 68725 | 3 | | | |
| trifluralin | 1.86E+02 | | .5 | 1 | 107 | 63701 | 12 | 4 | | |
| | 5.48E+01 | | 1.4 | 2 | 107 | 63701 | 13 | 4 | | |

SOIL ADSORPTION COEFFICIENT (Kd)

| Active Ingredient | Kd g/cm3 | R | %Org Mat | Soil Type | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 |
|---|---|---|---|---|---|---|---|---|---|---|
| trifluralin | 8.83E+01 | | 1.8 | 4 | 107 | 63701 | 14 | 4 | | |
| | 1.55E+02 | | 2.0 | 11 | 107 | 63701 | 15 | 4 | d | |
| triforine | 2.75E+00 | | | 3 | 73 | 71453 | 1 | | | |
| | 8.61E-01 | | 1.0 | 2 | 90 | 89422 | 5 | d | | |
| | 6.28E+00 | | | 7 | 73 | 71453 | 2 | | | |
| | 4.05E+00 | | | 11 | 73 | 71453 | 4 | | | |
| | 2.82E+00 | | | 2 | 73 | 71453 | 3 | | | |
| vernolate | 1.09E+00 | | .6 | 2 | 28 | 64698 | 1 | | | |
| | 1.08E+00 | | .6 | 1 | 28 | 64698 | 2 | | | |
| | 3.35E+00 | | 3.8 | 7 | 28 | 64698 | 4 | | | |
| | 2.73E+00 | | 1.8 | 4 | 28 | 64698 | 3 | | | |
| vinclozolin | 5.93E-01 | | | 4 | 38 | 53801 | 7 | | | |
| | 9.68E+00 | | | 3 | 38 | 53801 | 8 | d | | |
| | 1.38E+00 | | | 1 | 38 | 53801 | 11 | | | |
| | 8.32E+00 | | | 3 | 38 | 53801 | 9 | d | | |

960 rows selected.

# IX. HENRY'S CONSTANT

## Column Heading Key

Kh = Henry's constant in atm-$m^3$/mole

Value/Range code (R):
- a = approximately
- g = greater than
- l = less than
- h = upper bound
- b = lower bound

C = Temperature in degrees centigrade

Vol
No = Registration document volume number

Rec
No = Registration document record number

Seq
No = Sequence number. Number added to the data sheet when the data is entered into the computer

F F
1....5 = Footnotes

## Footnote Key

1 - extrapolated beyond data range
2 - not directly base on the study
3 - decomposes before boiling or melting
4 - average of final values
5 - technical grade
6 - negligible
7 - see reference for pH
8 - sublimate before melting
9 - %moisture holding capacity

a - stable
b - co-solvent added
c - sensitizer added
d - see comment
e - calculated value
f - buffered solution
g - sterile conditions
h - estimated values
i - flooded conditions
j - isomer
k - salt
l - acid
m - points excluded from the regression equation
n - different concentrations
o - unstable
p - artificial light
q - natural light
r - light intensity factor used
s - possible biphasic process
t - experiment conducted in the dark
u - informatiion to be used for compiling the list of active ingredients that exceed the Specific Numerical Values

## HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1,3-dichloropropene | 00573 | 2.29E-03 | | 25 | 34 | 63737 | 4 | | | | | |
| | 00573 | 1.43E-03 | | 25 | 34 | 63813 | 5 | | | | | |
| | 00573 | 1.80E-03 | | 25 | 34 | 63737 | 7 | 4 | | | | |
| | 00573 | 1.05E-03 | | 25 | 34 | 63813 | 6 | 4 | | | | |
| 2,4-D | 00636 | 1.76E-12 | | 25 | 114 | 64697 | 8 | | | | | |
| 2,4-D Dimethylamine Salt | 00806 | 3.81E-14 | l | 25 | 26 | 72162 | 1 | k | | | | |
| 2,4-d, 2-ethylhexyl ester | 01622 | 1.80E-05 | | 25 | 1 | 64691 | 1 | | | | | |
| 2,4-d, butyl ester | 00804 | 2.64E-06 | | 25 | 1 | 66085 | 1 | 4 | | | | |
| 4(2,4-db), dimethylamine salt | 00838 | 5.50E-14 | l | 25 | 4 | 64382 | 1 | e | | | | |
| DDVP | 00187 | 3.06E-07 | | 25 | 108 | 95646 | 1 | | | | | |
| EPTC | 00264 | 1.73E-05 | | 25 | 79 | 71295 | 2 | | | | | |
| | 00264 | 1.73E-05 | | 25 | 79 | 71295 | 3 | e | | | | |
| | 00264 | 2.08E-05 | | 25 | 80 | | 4 | e | d | | | |
| MCPA, ACID | 02326 | 5.50E-10 | | 25 | 21 | 64803 | 1 | e | | | | |
| MCPA, dimethlamine salt | 00786 | 3.19E-14 | l | 25 | 23 | 71440 | 1 | d | | | | |
| MCPA, no salt | 00788 | 8.32E-14 | l | 25 | 11 | 72076 | 1 | e | | | | |
| acephate | 01685 | 8.83E-14 | | 25 | | | 3 | e | | | | |
| acrolein | 00003 | 7.45E-05 | | 25 | 22 | | 3 | e | | | | |
| | 00003 | 1.92E-04 | | 25 | 19 | 66896 | 4 | 4 | d | | | |
| alachlor | 00678 | 2.48E-08 | | 20 | 126 | 63231 | 3 | | | | | |

## HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| aldicarb | 00575 | 1.23E-09 | | 25 | 150 | 71510 | 4 | e | | | | |
| ametryne | 00018 | 2.49E-09 | | 22 | 10 | 69279 | 4 | d | e | | | |
| amitraz | 02016 | 1.06E-05 | | 25 | 56 | 59723 | 2 | | | | | |
| amitrole | 00020 | 1.32E-13 | | 25 | 46 | 70869 | 1 | | | | | |
| anilazine | 00256 | 2.80E-10 | | 20 | 59 | 55927 | 2 | | | | | |
| atrazine | 00045 | 2.48E-09 | | | 110 | 69284 | 8 | e | | | | |
| | 00045 | 1.45E-09 | | 22 | 115 | | 9 | d | e | | | |
| azinphosmethyl | 00314 | 2.55E-08 | | 20 | 187 | 64716 | 3 | 4 | | | | |
| baythroid | 02223 | 5.30E-07 | | 20 | 62 | 59907 | 2 | | | | | |
| | 02223 | 9.43E-06 | | 20 | 62 | 59906 | 4 | d | | | | |
| bendiocarb | 01924 | 2.50E-08 | | 25 | 67 | 69179 | 2 | d | e | | | |
| | 01924 | | | | 61 | 87787 | 3 | d | | | | |
| benefin | 00053 | 2.92E-04 | | 25 | 33 | | 2 | d | e | | | |
| bensulfuron methyl | 02263 | 5.40E-15 | | 25 | 54 | 131694 | 1 | d | | | | |
| | 02263 | 3.70E-18 | | 25 | 54 | 131694 | 3 | d | | | | |
| | 02263 | 1.69E-16 | | 25 | 54 | 131694 | 2 | d | | | | |
| bensulide | 00070 | 7.52E-08 | | 25 | 34 | 63297 | 2 | e | | | | |
| bifenox | 01953 | 1.13E-07 | 1 | 25 | 44 | 69434 | 2 | | | | | |
| bifenthrin | 02300 | 7.20E-03 | | 25 | 92 | 90627 | 1 | e | | | | |
| bromacil | 00083 | 1.33E-10 | | 25 | 26 | 69316 | 4 | | | | | |

## HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| bromacil | 00083 | 1.53E-10 | | 25 | 26 | 69316 | 5 | | | | | |
| | 00083 | 8.37E-11 | | 25 | 26 | 69316 | 6 | | | | | |
| bromoxynil -butyrate | 02163 | 2.35E-06 | | 25 | 11 | 69211 | 3 | e | | | | |
| bromoxynil -octanonate | 00834 | 9.21E-06 | | 25 | 97 | 71727 | 1 | | | | | |
| butylate | 00565 | 4.40E-05 | | 20 | 53 | 70890 | 1 | d | | | | |
| captan | 00104 | 6.20E-09 | | 25 | 184 | 63854 | 5 | | | | | |
| carbaryl | 00105 | 2.74E-09 | | 25 | 177 | 65160 | 4 | e | d | | | |
| chloropicrin | 00136 | 2.51E-03 | | 25 | 31 | 63408 | 2 | e | | | | |
| chlorothalonil | 00677 | 1.40E-07 | | 25 | 156 | 66903 | 5 | e | d | | | |
| chlorpropham | 00141 | 2.37E-06 | | 25 | 30 | 59038 | 2 | | | | | |
| chlorpyrifos | 00253 | 6.60E-06 | | 25 | 311 | 64795 | 11 | | | | | |
| chlorsulfuron | 02143 | 1.54E-15 | | 25 | 32 | | 1 | e | d | | | |
| chlorthal dimethyl | 00179 | 2.20E-06 | | | 30 | 70224 | 2 | e | | | | |
| cimectacarb | 02345 | 2.65E-09 | | 25 | | | 1 | d | | | | |
| | 02345 | 3.52E-10 | | 25 | | | 3 | d | | | | |
| | 02345 | 7.27E-10 | | 25 | | | 2 | d | | | | |
| clethodim | 03566 | 3.11E-10 | l | 25 | 111 | 131268 | 1 | | | | | |
| | 03566 | 4.92E-12 | l | 25 | 111 | 131268 | 2 | d | | | | |
| clofentezine | 02249 | 1.95E-07 | | 25 | 30 | 86448 | 1 | d | | | | |
| | 02249 | 1.99E-07 | g | | | | 3 | d | | | | |

## HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| clofentezine | 02249 | 1.58E-07 | | | | | 2 | d | | | | |
| | 02249 | 1.99E-07 | g | | | | 4 | d | | | | |
| cyanazine | 01640 | 6.60E-11 | | 25 | 67 | 72529 | 4 | d | e | | | |
| cycloate | 00516 | 4.76E-06 | | 25 | 32 | 64412 | 1 | e | | | | |
| cypermethrin | 02171 | 1.90E-07 | | 20 | 71 | 69618 | 3 | e | n | | | |
| | 02171 | 1.20E-07 | | 20 | 71 | 69618 | 5 | e | n | | | |
| | 02171 | 4.40E-07 | | 20 | 71 | 69618 | 4 | e | n | | | |
| cyromazine | 02286 | 5.41E-14 | a | 25 | 77 | 91558 | 1 | | | | | |
| dazomet | 00233 | 2.57E-10 | | 20 | 11 | 72840 | 1 | | | | | |
| desmedipham | 01748 | 1.30E-10 | | 25 | 39 | 59650 | 1 | | | | | |
| diazinon | 00198 | 8.70E-07 | | 25 | 167 | 60218 | 5 | | | | | |
| dicamba | 00200 | 4.43E-10 | | 25 | 71 | 71297 | 10 | 7 | d | | | |
| dichlobenil | 00112 | 1.09E-05 | | 25 | 36 | | 3 | e | d | | | |
| dichloran | 00081 | 5.11E-08 | | 25 | 31 | 59797 | 3 | | | | | |
| dicofol | 00346 | 2.35E-07 | | 25 | 65 | 64358 | 3 | | | | | |
| dienochlor | 00468 | 1.35E-04 | | 25 | 14 | 67570 | 1 | e | | | | |
| diethatyl ethyl | 01995 | 6.70E-08 | | 25 | 48 | 67279 | 1 | e | | | | |
| difenzoquat methyl sulfate | 01930 | 5.81E-14 | | | 50 | 63951 | 3 | | | | | |
| diflubenzuron | 01992 | 4.70E-09 | l | 25 | 109 | | 2 | e | | | | |

## HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| dimethipin | 02159 | 2.30E-12 | l | 24 | 26 | 59482 | 1 | | | | | |
| dimethoate | 00216 | 1.40E-11 | | 25 | 60 | 64841 | 4 | e | | | | |
| diphenamid | 00226 | 1.72E-09 | | 20 | 34 | | 4 | e | d | | | |
| disulfoton | 00230 | 1.60E-06 | | 20 | 164 | 59647 | 4 | | | | | |
| dithiopyr | 02308 | 7.66E-07 | | 20 | 39 | 122604 | 1 | | | | | |
| diuron | 00231 | 5.10E-10 | | 25 | 38 | 69613 | 6 | e | | | | |
| dodemorph | 02120 | 5.58E-08 | | 25 | 18 | 111303 | 1 | d | | | | |
| | 02120 | 7.89E-08 | | 25 | 18 | 111303 | 2 | d | | | | |
| | 02120 | 1.79E-05 | | 25 | 18 | 111303 | 3 | d | | | | |
| endosulfan | 00259 | 4.20E-05 | | 25 | 56 | 59755 | 2 | | | | | |
| | 00259 | 3.70E-05 | | 25 | 56 | 59755 | 4 | 4 | | | | |
| | 00259 | 2.10E-06 | | 25 | 56 | 59755 | 3 | | | | | |
| | 00259 | 2.10E-06 | | | 56 | | 6 | e | j | d | | |
| | 00259 | 4.20E-05 | | | 56 | | 5 | e | j | d | | |
| endothall, disodium salt | 00260 | 8.80E-11 | | 25 | 43 | 66096 | 1 | e | | | | |
| ethalfluralin | 02166 | 1.84E-04 | | 25 | 25 | 63783 | 2 | | | | | |
| ethofumesate | 01900 | 3.69E-08 | | | 70 | 67273 | 3 | | | | | |
| ethoprop | 00404 | 1.44E-09 | | 25 | 75 | 64377 | 2 | | | | | |
| fenamiphos | 01857 | 3.40E-08 | B | 20 | 117 | 60208 | 2 | | | | | |
| | 01857 | 5.70E-08 | H | 20 | 117 | 60208 | 3 | | | | | |
| | 01857 | | | 20 | 117 | 60208 | 5 | d | | | | |

HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| fenamiphos | 01857 | 3.36E-08 | | 20 | 110 | 49748 | 4 | | | | | |
| fenarimol | 01980 | 7.00E-09 | | 25 | 51 | 66672 | 2 | e | d | | | |
| fenbutatin oxide | 01876 | 9.30E-10 | | 20 | | | 2 | d | | | | |
| | 01876 | 1.76E-09 | | 25 | | | 3 | d | | | | |
| fenoxaprop-ethyl | 02311 | 8.35E-09 | a | 20 | 41 | 115847 | 1 | e | | | | |
| fenpropathrin | 02234 | 2.04E-07 | a | 25 | 92 | 120307 | 1 | | | | | |
| fenvalerate | 01963 | 6.30E-07 | | 25 | 145 | 72527 | 1 | e | | | | |
| fluazifop-butyl | 02186 | 1.10E-07 | | 20 | 91 | 71134 | 2 | e | | | | |
| fluometuron | 00166 | 1.59E-09 | | 22 | 15 | | 5 | e | d | | | |
| fluvalinate | 02195 | 3.04E-05 | | 25 | 88 | 67568 | 4 | | | | | |
| fonofos | 00254 | 6.50E-06 | | 25 | 30 | 64406 | 5 | e | | | | |
| formetanate HCl | 00111 | 8.10E-15 | l | | 24 | 59652 | 2 | e | | | | |
| fosethyl -Al | 02210 | 1.15E-10 | | 25 | 63 | 91274 | 3 | d | | | | |
| | 02210 | | | | 43 | 69674 | 4 | | | | | |
| | 02210 | | | | | 69075 | 5 | | | | | |
| glyphosate | 01855 | 1.44E-12 | l | 25 | 191 | | 2 | e | d | | | |
| harmony | 02237 | 2.20E-10 | | 25 | 15 | 74596 | 1 | | | | | |
| imazethapyr, ammonium salt | 02341 | 1.78E-11 | l | 25 | 32 | 117564 | 1 | | | | | |
| | 02341 | 2.70E-11 | l | 25 | 4 | 92800 | 2 | | | | | |

HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| imidacloprid | 03849 | 6.50E-11 | l | 20 | 1 | 119441 | 1 | | | | | |
| iprodione | 02081 | 3.56E-09 | l | 20 | 63 | | 1 | e | | | | |
| isazophos | 02282 | 1.37E-07 | | 25 | 63 | 75201 | 1 | | | | | |
| isoxaben | 02289 | 1.10E-07 | l | 25 | | | 1 | e | d | | | |
| lambdacyhalothrin | 02297 | 1.82E-07 | | 20 | 15 | 71471 | 1 | e | | | | |
| linuron | 00361 | 5.80E-09 | | 25 | 61 | 69578 | 3 | e | | | | |
| malathion | 00367 | 1.19E-08 | | | 106 | 70535 | 8 | e | | | | |
| maleic hydrazide | 00368 | 5.90E-11 | | | 26 | 59475 | 1 | d | 6 | e | | |
| mancozeb | 00211 | 4.00E-09 | | | 48 | 63583 | 1 | e | | | | |
| metalaxyl | 02132 | 1.49E-10 | | 22 | 206 | | 1 | e | | | | |
| metaldehyde | 00379 | 4.12E-05 | | 20 | 36 | 68701 | 1 | d | | | | |
| methamidophos | 01697 | 3.22E-12 | l | | 100 | 72844 | 1 | e | d | | | |
| methidathion | 01689 | 1.95E-09 | | 22 | | | 2 | e | d | | | |
| methiocarb | 00375 | 2.60E-09 | | 20 | 121 | 60210 | 1 | | | | | |
| | 00375 | 2.80E-09 | | 20 | 115 | 49835 | 2 | | | | | |
| methomyl | 00383 | 1.90E-10 | | 25 | 183 | 69314 | 4 | e | | | | |
| methyl isothiocyanate | 00392 | 1.79E-04 | | 25 | 15 | 76069 | 1 | e | | | | |
| methyl parathion | 00394 | 8.46E-02 | | 25 | 61 | 72566 | 5 | e | | | | |

## HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| metolachlor | 01996 | 2.40E-08 | | 25 | 214 | 74145 | 2 | e | | | | |
| metribuzin | 01692 | 3.50E-11 | | 20 | 177 | 58691 | 3 | | | | | |
| | 01692 | 3.52E-11 | | 20 | 177 | 58691 | 4 | e | d | | | |
| mevinphos | 00480 | 1.99E-06 | | 25 | 26 | 69430 | 2 | | | | | |
| | 00480 | 1.99E-06 | | 25 | 26 | 69430 | 3 | d | | | | |
| molinate | 00449 | 1.30E-06 | | 20 | 61 | 70451 | 1 | e | | | | |
| naled | 00418 | 5.01E-08 | | 20 | 94 | 59450 | 1 | | | | | |
| napropamide | 01728 | 8.10E-10 | | 25 | 68 | 62734 | 1 | e | | | | |
| naptalam,sodium salt | 00437 | | | | 21 | 59442 | 1 | 6 | k | d | | |
| nicosulfuron | 03829 | 4.20E-12 | l | 25 | 8 | 115338 | 1 | d | | | | |
| nitrapyrin | 00439 | 1.43E-05 | | 25 | 20 | 65071 | 1 | e | | | | |
| norflurazon | 02019 | 3.44E-10 | | | 58 | 69664 | 1 | e | | | | |
| oxadiazon | 02017 | 3.50E-07 | | 25 | 59 | 73829 | 1 | e | | | | |
| oxamyl | 01910 | 3.92E-13 | | 25 | 84 | 74430 | 3 | 4 | | | | |
| oxyfluorfen | 01973 | 1.02E-06 | | 25 | 94 | 64414 | 1 | e | | | | |
| oxythioquinox | 00410 | 6.00E-08 | | 20 | 50 | 59900 | 1 | e | | | | |
| pebulate | 00590 | 2.45E-05 | | 25 | 16 | 61727 | 1 | e | | | | |
| pendimethalin | 01929 | 1.27E-08 | | 25 | 77 | 61317 | 1 | | | | | |

HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| pentachloronitrobenzene | 00464 | 3.70E-04 | | 25 | 63 | 85455 | 1 | e | | | | |
| | 00464 | 5.96E-05 | | 25 | 65 | 86202 | 2 | | | | | |
| permethrin | 02008 | 1.00E-07 | | 25 | | | 1 | e | j | d | | |
| | 02008 | 1.68E-07 | | 25 | | | 3 | e | j | d | | |
| | 02008 | 5.10E-08 | | 25 | | | 2 | e | j | d | | |
| | 02008 | 3.23E-08 | | 25 | | | 4 | e | j | d | | |
| phenmedipham | 00675 | 6.69E-09 | l | 20 | 31 | 59753 | 1 | d | e | | | |
| phorate | 00478 | 7.63E-03 | | 25 | 43 | 64118 | 4 | | | | | |
| phosalone | 00479 | 7.30E-08 | | 25 | 36 | 72235 | 1 | | | | | |
| phosmet | 00335 | 1.00E-08 | | 25 | 72 | 59679 | 5 | | | | | |
| | 00335 | 1.02E-08 | | 25 | 72 | 59679 | 6 | d | | | | |
| phosphamidon | 00482 | 6.51E-12 | g | 25 | 20 | 69274 | 1 | e | d | | | |
| piperalin | 00488 | 9.60E-10 | | 25 | 4 | 63303 | 1 | e | | | | |
| piperonyl butoxide | 00486 | 3.11E-09 | l | 25 | 32 | | 1 | e | d | | | |
| pirate | 03938 | 4.49E-07 | l | 25 | 3 | 125109 | 1 | | | | | |
| prometon | 00499 | 2.00E-09 | l | 22 | 48 | 60218 | 2 | e | | | | |
| prometryn | 00502 | 7.11E-09 | | 22 | 46 | | 5 | e | | | | |
| propanil | 00503 | 1.22E-09 | | 23 | 6 | | 2 | e | d | | | |
| propargite | 00445 | 1.09E-08 | | 25 | 97 | 72533 | 1 | e | | | | |
| | 00445 | 9.43E-09 | | 25 | 97 | 72533 | 2 | e | | | | |

## HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| propiconazole | 02276 | 1.89E-09 | | 23 | 86 | 70325 | 1 | e | | | | |
| propoxur | 00062 | 1.50E-09 | | 20 | 148 | 59107 | 4 | | | | | |
| | 00062 | 1.40E-09 | | 20 | 148 | 59109 | 5 | | | | | |
| propyzamide | 00694 | 9.80E-09 | | 25 | 49 | 71874 | 1 | | | | | |
| resmethrin | 02119 | 5.03E-05 | | 25 | 179 | 85214 | 1 | | | | | |
| riclpyr | 02170 | 2.50E-07 | | 25 | 3 | 69577 | 1 | | | | | |
| sethoxydim | 02177 | 7.40E-11 | | 25 | 56 | 63710 | 4 | e | | | | |
| simazine | 00531 | 5.40E-10 | | 22 | 69 | | 6 | e | | | | |
| sulfometuron methyl | 02149 | 4.30E-17 | | 25 | 20 | 69517 | 2 | d | e | | | |
| | 02149 | 1.10E-18 | | 25 | 20 | 69517 | 3 | d | e | | | |
| sulprofos | 02006 | 8.60E-07 | | 20 | 58 | 58374 | 1 | d | | | | |
| tebuthiuron | 01810 | 3.00E-10 | | 25 | 40 | 87656 | 1 | | | | | |
| temephos | 00001 | 1.23E-06 | | 25 | 23 | 64075 | 1 | | | | | |
| terbutryn | 01691 | 1.47E-08 | | 22 | 31 | | 1 | e | | | | |
| thiobencarb | 01933 | 2.71E-07 | | | 115 | | 1 | d | | | | |
| thiophanate-methyl | 01696 | 1.30E-09 | | 25 | 42 | 64421 | 1 | e | | | | |
| thiram | 00589 | 1.90E-09 | l | 25 | 37 | 73008 | 1 | e | | | | |
| tralomethrin | 02329 | 3.95E-10 | a | 25 | 83 | 128754 | 1 | | | | | |

HENRYS CONSTANT (Kh)

| Active Ingredient | CHEMC | Kh | R | C | Vol No | Rec No | Seq No | F 1 | F 2 | F 3 | F 4 | F 5 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| triadimefon | 02133 | 9.00E-10 | | 20 | 159 | 74881 | 1 | e | | | | |
| triallate | 00049 | 1.46E-05 | | 25 | 37 | 63226 | 1 | d | | | | |
| tributyl phosphorotrithioate | 00190 | 3.10E-07 | | 20 | 29 | 60244 | 3 | | | | | |
| | 00190 | 3.10E-07 | | 20 | 29 | 60244 | 4 | d | | | | |
| trichlorophon | 00088 | 4.50E-12 | | 20 | 133 | 65794 | 1 | D | | | | |
| triclopyr, butoxyethyl ester | 02170 | 2.50E-07 | | 25 | 3 | 69577 | 1 | | | | | |
| triclopyr, triethylamine salt | 02131 | 3.79E-10 | | 20 | 62 | 72015 | 1 | 7 | d | e | | |
| | 02131 | 3.79E-10 | | 20 | 62 | 72015 | 1 | 7 | d | e | | |
| | 02131 | 8.21E-10 | | 25 | 62 | 72015 | 2 | d | d | | | |
| | 02131 | 8.21E-10 | | 25 | 62 | 72015 | 2 | d | d | | | |
| triflumizole | 02260 | 3.59E-08 | | 25 | 45 | 132638 | 1 | | | | | |
| trifluralin | 00597 | 1.51E-04 | | 25 | 107 | 63702 | 5 | e | | | | |
| triforine | 01905 | 3.48E-05 | | 20 | 78 | | 1 | e | d | | | |
| vernolate | 01987 | 2.50E-05 | | 25 | 27 | 64029 | 1 | E | | | | |
| vinclozolin | 02129 | 1.08E-07 | | | 57 | | 1 | d | | | | |

208 rows selected.