

Health & Safety *Report*

Worker Health and Safety Branch

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A Summary of Dislodgeable Foliar Pesticide Residues at Expiration of the Restricted Entry Interval, 1997 - 2001

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Executive Summary

The U.S. Environmental Protection Agency and the California Department of Pesticide Regulation (DPR) have established restricted entry intervals (REIs) to reduce workers potential exposure to toxic levels of pesticide residues. REIs define the time period following a pesticide application during which field entry for most activities is illegal. REIs for agricultural activities are specified on pesticide labels and in the California Code of Regulations. DPR's Worker Health and Safety Branch (WH&S) periodically surveys pesticide residues on crop foliage to provide an index of the pesticides currently used, to evaluate their potential hazards, and to assess the effectiveness of REIs. Data may be also used to prioritize risk assessment and provide a greater understanding of the relationship between dislodgeable foliar residue (DFR), REIs and worker illnesses. The goal of this study was to evaluate the maximum potential pesticide exposure to agricultural fieldworkers by sampling DFR at the expiration of the REI. DFR data such as those reported for the current study are often used to estimate potential exposures where human exposure data are not available.

WH&S' Exposure Monitoring Program, in cooperation with county agricultural commissioners, growers and farm managers, collected foliage samples from 37 crops in fifteen counties from May 1997 through August 2001. Samples were collected at the expiration of the REI and analyzed for the pesticide(s) that determined the REI for the field sampled. A total of 1,003 samples were submitted and 1,185 pesticide residue analyses were conducted, of which 994 were positive and 191 were non-detects. One hundred thirty-eight (138) samples had residues of two pesticides. Pesticide residues ranged from 0.0002 $\mu\text{g}/\text{cm}^2$ (weight of pesticide/leaf sample surface area) to 19.27 $\mu\text{g}/\text{cm}^2$. Altogether, 26 pesticides were detected on 34 crops. Five pesticides were detected for the first time in a WH&S DFR study. DFR was evaluated for a total of 73 unique combinations of crop and pesticide, 35 of which had not been seen before in a WH&S study.

Under statutory mandates, DPR is required to review toxicology data for all pesticide active ingredients registered in California to determine if use of the pesticide would cause health problems. These determinations are made through the risk assessment process.

Risk assessments have been completed for seven pesticide active ingredients that were found in this study. Results from this study were compared to the data used to generate the exposure assessment. For four pesticides, bifenthrin, captan, malathion and permethrin, the results in this work could not be compared to the data in the exposure assessment. Fenpropathrin residues found in this study were generally lower than those found in the exposure assessment, but may not be directly comparable since they are on different crops. Residues of myclobutanil were found to be higher than those used in the exposure assessment, but since the crops are different, a direct comparison may be misleading. The azinphosmethyl residues found in this study on peaches, nectarines and apples were either higher than or equivalent to residues used in the exposure assessment. Azinphosmethyl residues on peaches, nectarines and apples may be of concern and should be evaluated further.

For the remaining 19 pesticides detected in this study, risk assessments are underway or are prioritized for risk assessment.

Introduction

Restricted entry intervals (REIs) reduce workers potential exposure to toxic levels of pesticide residues by specifying the time period following application during which field entry for most activities is illegal. The U.S. Environmental Protection Agency (U.S. EPA) and the California Department of Pesticide Regulation (DPR) have established REIs for all pesticides used on crops. REIs are both pesticide- and crop-specific: a single REI may be specified for all crop uses of a pesticide, or REIs may vary by crop. REIs established by the U.S. EPA are specified on pesticide product labels. Title 3 of the California Code of Regulations¹ specifies longer REIs for some pesticides and crops.

This study evaluated the maximum potential pesticide exposure to agricultural field workers by measuring dislodgeable foliar residue (DFR) in various crops at the expiration of the REI. DFR data such as these are frequently used to estimate potential exposures where human exposure data are not available. DFR surveys assist WH&S in evaluating the effectiveness of REIs and in identifying pesticides that may require exposure mitigation measures or re-evaluation.

Methods & Materials

Field – Staff from DPR's Worker Health and Safety Branch (WH&S), Exposure Monitoring Program, in cooperation with county agricultural commissioners (CAC), growers and farm managers, sampled foliage from 37 crops in the counties of Colusa, El Dorado, Fresno, Imperial, Kern, Madera, Merced, Monterey, Riverside, Sacramento, San Bernardino, Santa Cruz, Sutter, Tulare, and Yolo. Fields were sampled within 24 hours following expiration of the REI (post-REI), or within 24 hours of the time post-REI when workers would typically enter such fields. For example, when pesticides with a 12-hour REI are applied in the early morning, the REI expires in the late afternoon of the same day. Field workers would not be likely to enter the fields until the next morning. For these fields, sampling was conducted on either the first or second morning after the REI expired, or, up to 1.5 days post-REI.

Dislodgeable foliar residues (DFR) samples were collected using either a 1.78 or 2.54 cm diameter Rabbit[®] leaf punch², depending on the size of the crop being sampled. Total leaf sampling area was 400 cm². Each sample using the 2.54 cm punch consisted of 40 leaf disks; those collected with the 1.78-cm punch consisted of 80 leaf disks. Staff collected whole leaves when sampling alfalfa foliage, which is too small to be sampled by leaf punch. Alfalfa sample areas were evaluated using a leaf area meter³.

Staff collected samples by entering 15-20 feet into the field and randomly collecting leaf discs or whole leaves (two per plant or four per tree) in a V-pattern across the field^{4,5}. The foliage sampled was that most likely contacted during harvest or cultivation activities. Samples were collected in four-ounce glass jars and capped with a Teflon[™]-lined lid. The jars were double-bagged, packed on ice in insulated coolers, and shipped to the California Department of Food and Agriculture, Center for Analytical Chemistry, in Sacramento, for next-day extraction.

Laboratory - DFRs were removed by three sequential washings, with each washing consisting of a 30-minute rotation on a mechanical shaker with 50 mL of a 0.02% dioctyl sodium sulfosuccinate solution. The solution was decanted between washings and the combined wash was extracted with ethyl acetate (ETAC), and then dried with sodium sulfate. The samples were analyzed for the pesticides reportedly applied. The instrumentation used to evaluate residues varied, depending upon analytical suitability. Recovery was determined by comparing a diluted water/dioctyl sodium sulfosuccinate extract to standard solutions. Results were reported as µg pesticide/sample. Limits of quantitation (LOQ) ranged from 1 – 12 µg/sample, with the exception of abamectin, which had an LOQ of 0.06 µg/sample. Analytical recoveries and equipment conditions are available on request.

Data Analysis - Sample results were entered into a Microsoft Access database⁶ and divided by sample surface area to provide the basic unit of DFR analysis⁴ (µg pesticide/cm² leaf area). Summary data, including descriptive statistics by crop and pesticide, were generated by query.

Results

One thousand three (1,003) foliage samples were analyzed for residues of the pesticides that determined the REI for each field sampled. Since some fields were treated with two or more pesticides, a total of 1,185 pesticide residue analyses were conducted, of which 994 were positive and 191 were non-detects. One hundred thirty-eight (138) samples had residues of two pesticides. Altogether, 26 pesticides were detected on 34 crops. Summary DFR data are provided below; DFR results for all samples are presented in Appendix 1.

Table 1 summarizes DFR data for each pesticide by crop and reports the respective REIs. In all, residue analyses were conducted for 80 pesticide-crop combinations, with positive detections of 73 such combinations. Detectable residues ranged from 0.0002 µg/cm² to 19.27 µg/cm². Table 2 summarizes detected residues by pesticide within crop. Thirty-five (35) crop-pesticide entries are noted as being detected for the first time in a WH&S DFR study.

Table 1. Dislodgeable Foliar Residues¹ (µg/cm²) Found at the Expiration of the Restricted Entry Interval (REI)

Pesticide	Crop	REI (Days)	N Samples		Statistics for Detected Residues (µg/cm ²)			
			Non-Detects ¹	Detects	Mean	SD	Min	Max
Abamectin	Strawberry	0.5	3	7	0.0003	0.0001	0.0002	0.0005
Azinphosmethyl	Almond	14	---	8	2.5175	0.8302	1.2600	3.5950
	Apple	14	---	30	0.7525	0.5502	0.0718	2.7125
	Pear	14	---	10	1.9480	1.1186	1.0200	4.1175
	Pomegranates	14	---	4	2.4139	0.2344	2.0773	2.6202
	Quince	14	---	4	1.6019	0.3044	1.3375	1.9750
Benomyl	Orange	1	8	---	---	---	---	---
Bifenthrin	Strawberry	1	---	12	0.1546	0.0340	0.1088	0.2085
Captan	Strawberry	4	---	6	3.2542	0.7432	2.5125	4.5050
Carbaryl	Apple	0.5	---	12	3.9125	0.7430	2.6750	4.9500
	Grape - Table	0.5	2	4	1.2744	1.5321	0.0033	3.0900
	Orange	0.5	2	16	1.7674	1.8873	0.0013	4.7250
	Pomelo	0.5	---	8	0.7109	0.3165	0.2775	1.3625
Carbofuran	Alfalfa	2	7	21	0.5097	0.4841	0.1639	1.5766
	Cotton	14	17	57	0.0775	0.0883	0.0057	0.4500
Chlorpyrifos ²	Alfalfa	1	4	---	---	---	---	---
	Apple ²	2	---	8	0.0159	0.0045	0.0100	0.0245
	Broccoli	1	---	6	0.1373	0.0349	0.0903	0.1750
Cyhalothrin	Lettuce - Head	1	---	8	0.0338	0.0156	0.0144	0.0535
Dimethoate	Alfalfa	2	7	9	0.0326	0.0094	0.0239	0.0531
	Broccoli	2	6	12	0.0457	0.0360	0.0133	0.1330
	Cauliflower	2	2	8	0.1348	0.0701	0.0206	0.1928
	Grape-table	2	---	4	0.0851	0.0306	0.0623	0.1303
	Lettuce - Butter	2	8	---	---	---	---	---
	Lettuce - Head	2	---	18	0.0822	0.0636	0.0150	0.2228
	Lettuce - Romaine	2	14	---	---	---	---	---
	Lima Bean	2	---	24	0.1792	0.1279	0.0545	0.4600
Endosulfan	Broccoli	2	---	22	0.1065	0.0724	0.0084	0.2575
	Cauliflower	2	4	---	---	---	---	---
	Lettuce - Butter	2	---	8	0.2741	0.1714	0.0405	0.5350
	Lettuce - Head	2	8	47	0.9541	0.7328	0.0630	2.7000
	Lettuce - Leaf	2	---	34	0.1014	0.0450	0.0403	0.2465
	Radicchio	2	---	6	0.1565	0.0851	0.0765	0.2940
	Tomato	2	---	8	0.4724	0.2713	0.1383	0.8000
Fenpropathrin	Broccoli	1	---	13	0.2788	0.0875	0.1543	0.4150
	Cauliflower	1	---	12	0.1664	0.0395	0.1050	0.2223
Fluvalinate	Carnation	0.5	---	2	0.2338	0.0513	0.1975	0.2700
Imidacloprid	Lettuce - Head	0.5	---	4	0.0279	0.0189	0.0118	0.0540
	Radicchio	0.5	---	6	0.0381	0.0297	0.0147	0.0775
Iprodione	Strawberry	1	---	40	1.0672	0.8773	0.1213	4.7825

Table 1. Dislodgeable Foliar Residues¹ (µg/cm²) Found at the Expiration of the Restricted Entry Interval (REI), cont.

Pesticide	Crop	REI (Days)	N Samples		Statistics for Detected Residues (µg/cm ²)			
			Non-Detects ¹	Detects	Mean	SD	Min	Max
Malathion	Strawberry	0.5	---	10	0.3911	0.1612	0.2108	0.6425
Metalaxyl	Lettuce - Butter	2	---	8	0.0885	0.0392	0.0298	0.1453
	Lettuce - Leaf	2	1	5	0.0166	0.0002	0.0164	0.0168
	Lettuce - Romaine	2	2	4	0.0248	0.0046	0.0204	0.0313
	Radicchio	2	---	8	0.0617	0.0166	0.0373	0.0820
Methamidophos	Potato	3	---	12	0.2917	0.2956	0.0095	0.9875
Methidathion	Olive	3	2	12	0.8329	0.1920	0.6025	1.2025
Methiocarb	Carnation	1	---	2	3.2375	0.7248	2.7250	3.7500
Methomyl	Bok Choy	2	4	4	0.0038	0.0013	0.0027	0.0056
	Cabbage	2	16	---	---	---	---	---
	Corn - Fresh	2	---	6	0.0605	0.0292	0.0201	0.0908
	Corn - Seed	2	3	1	0.0093	---	---	---
	Grape - Table	7	---	14	0.0361	0.0228	0.0073	0.0845
	Lettuce - Butter	2	---	13	0.2716	0.1508	0.1098	0.5225
	Lettuce - Head	2	6	46	0.6970	0.8760	0.0221	3.8375
	Lettuce - Leaf	2	---	10	0.2286	0.0878	0.1315	0.3650
	Lettuce - Romaine	2	18	48	0.4094	0.2462	0.0030	1.0675
	Orange	3	8	---	---	---	---	---
	Pomegranates	2	---	12	0.2278	0.0622	0.1593	0.3500
	Radicchio	2	---	10	0.1784	0.1334	0.0480	0.4775
	Spinach	2	5	1	0.0066	---	---	---
	Strawberry	2	---	8	0.2007	0.0598	0.0988	0.3100
	String Beans	2	---	4	0.0516	0.0218	0.0250	0.0753
	Tomato	2	---	8	0.1503	0.1390	0.0169	0.3225
Methyl Parathion ³	Plum ³	2	12	28	1.3090	0.7535	0.0260	3.2750
	Walnuts ³	2	---	8	2.2503	0.6977	0.7525	2.8500
Myclobutanil	Carnation	1	---	4	0.3513	0.0450	0.2850	0.3850
Naled	Broccoli	2	12	---	---	---	---	---
Oxydemeton-methyl	Broccoli	2	---	10	0.3637	0.0780	0.2215	0.5100
Permethrin	Celery	0.5	---	8	0.0557	0.0067	0.0483	0.0698
	Lettuce - Head	0.5	2	8	0.2463	0.0720	0.1703	0.3525
	Lettuce - Romaine	0.5	---	6	0.4071	0.0629	0.3075	0.5000
	Radicchio	0.5	---	6	0.2852	0.0603	0.2163	0.3775
Propargite	Corn - Fresh	7	---	12	1.6086	0.9705	0.1060	3.7575
	Grape - Raisin	30	3	17	0.2414	0.1638	0.0348	0.5975
	Grape - Wine	30	---	84	0.3412	0.6138	0.0285	2.7250
Sulfur	Grape - Raisin	1	---	1	2.9300	---	---	---
	Grape - Wine	1	---	21	2.0473	0.6985	1.2250	3.6500
	Lettuce - Head	1	---	8	2.0731	0.9459	1.0300	3.1750
	Peach	1	---	8	15.9881	3.6546	8.7075	19.2675
	Strawberry	1	1	21	5.6438	5.5559	0.0155	16.3700

1 Limit of quantitation (LOQ) ranged from 0.005 – 0.03 µg/cm² for all pesticides except abamectin. LOQ for abamectin was 0.0002 µg/cm².

2 REI for chlorpyrifos on apples was 2 days when samples were collected; current REI is 4 days.

3 Samples were collected in 1998 following methyl parathion applications of <1 lb/acre. The REI was 2 days. Since 2000, the associated REIs are 5 days for applications < 1 lb/acre and 14 days for applications >1 lb/acre.

Table 2. Number of Pesticide Detections¹ (n) on Crop Foliage, by Crop and Pesticide

Crop	Pesticide	n	Crop	Pesticide	n
Alfalfa	Carbofuran ¹	21	Lettuce - Leaf	Endosulfan	34
	Dimethoate ¹	9		Metalaxyl ¹	5
Almond	Azinphosmethyl	8		Methomyl	10
Apple	Azinphosmethyl	30	Lettuce - Romaine	Metalaxyl ¹	4
	Carbaryl ¹	12		Methomyl	48
	Chlorpyrifos ¹	8		Permethrin	6
Bok Choy	Methomyl ¹	4	Lima Bean	Dimethoate	24
Broccoli	Chlorpyrifos ¹	6	Olive	Methidathion	12
	Dimethoate ¹	12	Orange	Carbaryl ¹	16
	Endosulfan ¹	22	Pear	Azinphosmethyl	10
	Fenpropathrin ¹	13	Plum	Methyl Parathion	28
	Oxydemeton-methyl	10			4
Carnation	Fluvalinate	2	Pomegranates	Azinphosmethyl	
	Methiocarb	2		Methomyl ¹	12
	Myclobutanil	4	Pomelo	Carbaryl ¹	8
Cauliflower	Dimethoate ¹	8	Potato	Methamidophos ¹	12
	Fenpropathrin ¹	12	Quince	Azinphosmethyl	4
Celery	Permethrin	8	Radicchio	Endosulfan	6
Corn - Fresh	Methomyl	6		Imidacloprid ¹	6
	Propargite ¹	12		Metalaxyl ¹	8
Corn -Seed	Methomyl	1		Methomyl ¹	10
Cotton	Carbofuran	57		Permethrin	6
Grape - Raisin	Propargite	17	Spinach	Methomyl ¹	1
	Sulfur	1	Strawberry	Abamectin ¹	7
Grape - Table	Carbaryl ¹	4		Bifenthrin ¹	12
	Dimethoate	4		Captan	6
	Methomyl	14		Iprodione ¹	40
Grape - Wine	Propargite	84		Malathion ¹	10
	Sulfur	21		Methomyl ¹	8
Lettuce - Butter	Endosulfan	8		Sulfur ¹	21
	Metalaxyl ¹	8	String Beans	Methomyl ¹	4
	Methomyl	13	Tomato	Endosulfan	8
Lettuce - Head	Cyhalothrin ¹	8		Methomyl ¹	8
	Dimethoate ¹	18	Walnuts	Methyl Parathion	8
	Endosulfan	47			
	Imidacloprid ¹	4			
	Methomyl	46			
	Permethrin	8			
	Sulfur	8			

¹ Indicates first detection of the pesticide-crop combination in a WH&S study.

The Birth Defect Prevention Act of 1984 requires that DPR review toxicology data for all pesticide active ingredients currently registered in California and determine whether the pesticides will enter the risk assessment process⁷. If so, the initial phase involves developing an exposure assessment, which includes estimating the potential occupational exposures. The entire risk assessment process is completed when a risk characterization document is finalized (RCD). The RCD components include a toxicology profile, hazard identification, exposure assessment, and risk characterization.

Table 3 summarizes the total number of analyses and detections by pesticide and chemical class, the risk assessment priority designation and status, and the status of exposure assessments. Five pesticides are noted as being detected for the first time in a WH&S DFR study. Among detected pesticides, carbamates (31%) and organophosphates (23%) predominated, with the other classes represented by 7 – 13.5% of detections. This is not unexpected, given that carbamates and organophosphates have greater acute toxicity and concomitantly longer REIs than do other chemical classes of pesticides. DPR has completed risk assessments for eight of the pesticides evaluated in this study, six of which had detectable residues.

RCDs are available for azinphosmethyl⁸, bifenthrin^{9,10}, captan¹¹, fenpropathrin¹², malathion¹³, myclobutanil¹⁴ and permethrin¹⁵. DPR has designated 16 of the detected pesticides as high priority for risk assessment and seven as moderate priority. Exposure assessments have been initiated for nine of the detected pesticides and completed or under revision for fourteen¹⁶⁻²⁸ of the pesticides evaluated in this survey.

Table 3. Summary of Pesticide¹ Analyses and Detections by Chemical Class and Priority Status of Risk Assessments (RA) and Exposure Assessments (EA)

Chemical Class	Pesticide ²	Number of Analyses	Number of Detections ²	RA Priority/Status	EA Status
Carbamates	Carbaryl	44	40	High	Initiated
	Carbofuran	102	78	High	Initiated
	Methiocarb	2	2	None	Not Assigned
	Methomyl	249	185	Moderate	Not Assigned
Total		397	305		
Fungicides	Benomyl	8	0	Completed	Completed
	Captan	6	6	High	Under Revision
	Iprodione	40	40	High	Not Assigned
	Metalaxyl ²	28	25	Moderate	Not Assigned
	Myclobutanil	4	4	Completed	Completed
	Sulfur	60	59	None	Not Assigned
Total		146	134		
Organochlorines	Endosulfan	137	125	High	Initiated
Total		137	125		
Organophosphates	Azinphosmethyl	56	56	Completed	Completed
	Chlorpyrifos	18	14	High	Completed
	Dimethoate	112	75	High	Initiated
	Malathion	10	10	Completed	Completed
	Methamidophos	12	12	High	Initiated
	Methidathion	14	12	High	Initiated
	Methyl Parathion	48	36	High	Initiated
	Naled	12	0	Completed	Completed
	Oxydemeton-methyl	10	10	High	Completed
Total		292	225		
Other	Abamectin	10	7	None	Completed
	Fluvalinate ²	2	2	Moderate	Not Assigned
	Imidacloprid ²	10	10	Moderate	Completed
	Propargite	116	113	High	Under Revision
Total		138	132		
Pyrethroids	Bifenthrin	12	12	Completed	Completed
	Cyhalothrin ²	8	8	High	Initiated
	Fenpropathrin ²	25	25	Completed	Completed
	Permethrin	30	28	Completed	Completed
Total		75	73		
Grand Total		1,185	994		

1 Pesticides which determined the reentry interval for the field sampled

2 First detection of this pesticide in a WH&S DFR study

Discussion

WH&S periodically surveys pesticide residues on crop foliage to provide an index of the pesticides currently used, to evaluate their potential hazards, and to assess the effectiveness of REIs. Data may be used to prioritize risk assessment and provide a greater understanding of the relationship between DFR, REIs and worker illnesses. DFR data are also used to estimate potential exposures where human exposure data are not available.

Previous WH&S surveys conducted between 1975 and 1995^{29,30} evaluated pesticide residues on crops during hand labor activities (harvest, thinning, weeding, pruning, etc.). Such studies provide an index of the pesticide residues fieldworkers are likely to contact. In those studies, study personnel did not know what pesticides, if any, were applied or when they were applied. Typically, harvest and other cultural activities take place days, weeks, or even months after expiration of the REI. Pesticide residues may have decayed significantly during this time period and often are non-detectable. The current study is the first time WH&S has surveyed crop foliage residues at expiration of the REI. These data provide an index of the maximum pesticide residues to which field workers may be potentially exposed. This study will be ongoing and WH&S will periodically summarize survey results. Below, DFR levels found in this study are compared to relevant RCD data and to DFR found in previous WH&S investigations.

Azinphosmethyl

At the expiration of the 14-day REI, the RCD⁸ found unacceptable margins of exposure for both acute and chronic effects for workers thinning and harvesting oranges, apples, and peaches/nectarines. Direct comparison data from this study are available for apples and peaches/nectarines. Twelve of the 30 apple samples in Table 3 (40%) had azinphosmethyl DFRs greater than $0.7 \mu\text{g}/\text{cm}^2$, which was the DFR level of concern in the RCD. Six peach and nectarine samples had average azinphosmethyl DFR of $1.07 \pm 0.06 \mu\text{g}/\text{cm}^2$, which approximates the DFR level of concern for harvesters in the RCD ($1.12 \mu\text{g}/\text{cm}^2$).

Bifenthrin

The REI for bifenthrin is 24 hours. This study represents the first time WH&S has conducted sampling for bifenthrin residues on strawberries. The RCD for bifenthrin^{9,10} reports DFR on chrysanthemums and roses. Worker exposure estimates in the RCD were based on predicted DFR for cotton, using log-linear regression. WH&S has published three exposure assessments for various uses of bifenthrin and one study where DFR on measured on citrus grown in greenhouses³¹. None of these reports were directly comparable to the bifenthrin residues found on strawberries in this study.

Captan

The REI for captan is four days. In this study, six strawberry samples were evaluated for captan DFR (mean DFR = $3.25 \pm 0.74 \mu\text{g}/\text{cm}^2$). These data cannot be compared with RCD¹¹ data as the latter estimated occupational risks relative to dermal and inhalation exposures and total foliar residues (ppm). WH&S has published 22 reports concerning captan. A previous study of captan DFR dissipation in six strawberry fields found an overall mean captan DFR of $4.39 \pm 0.16 \mu\text{g}/\text{cm}^2$ at four days post-application³² (the REI for captan). The U.S. EPA's Reregistration Eligibility Decision³³ (RED) for captan considers strawberry harvesters to have a medium potential for dermal contact.

Fenpropathrin

The REI for fenpropathrin is 24 hours. WH&S has published an exposure assessment on fenpropathrin. The fenpropathrin RCD¹² found that unacceptable risks may exist for short-term, maximum exposures for cotton scouts and harvesters. This is the first WH&S study to evaluate fenpropathrin DFR. Twelve cauliflower samples had mean fenpropathrin DFR of $0.167 \pm 0.04 \mu\text{g}/\text{cm}^2$. The exposure assessment evaluated uses on cotton and on greenhouse crops based on log-linear regression of dissipation data for fenpropathrin on grapes. At the expiration of the REI, the predicted DFR for fenpropathrin on cotton was estimated to be $0.47 \mu\text{g}/\text{cm}^2$, or about 3 times the DFR found for cauliflower in the current study. The exposure assessment estimates that fenpropathrin DFR in cotton will dissipate to the level found in this study for cauliflower by day 7 – 10 post-application (cotton DFR = $0.22 - 0.15 \mu\text{g}/\text{cm}^2$, respectively, for days 7 and 10 post-application).

Malathion

The REI for malathion is 12 hours. WH&S has published 16 reports concerning malathion. Only one report, a WH&S survey of DFR at time of field entry, evaluates malathion DFR on crop foliage³⁰ (strawberries). In that study, mean malathion DFR during strawberry harvest (28 samples) and weeding (2 samples) was $0.074 \pm 0.088 \mu\text{g}/\text{cm}^2$ and $0.064 \pm 0.073 \mu\text{g}/\text{cm}^2$, respectively. It is not known how long after application the samples were collected. The current study found mean malathion DFR of $0.391 \pm 0.161 \mu\text{g}/\text{cm}^2$ on 10 strawberry samples. The RCD¹³ for malathion evaluated human exposures directly (did not use DFR), thus a comparison is not possible.

Myclobutanil

The REI for myclobutanil is 24 hours. WH&S has published an exposure assessment²⁶ and a DFR³⁴ (grapes) study report on myclobutanil. The current study reports mean myclobutanil DFR of $0.35 \mu\text{g}/\text{cm}^2$ for four carnation samples. This is five- to ten-fold higher than the grape DFR of $0.015 - 0.03 \mu\text{g}/\text{cm}^2$ used in the RCD¹⁴ to estimate potential exposure to harvesters at 24 hours post-application.

Permethrin

The REI for permethrin is 12 hours. WH&S has published three study reports concerning permethrin residues, with DFR investigated previously on greenhouse-grown flowers. The current study is the first time WH&S has evaluated permethrin DFR on row crops (lettuce, radicchio and celery). The permethrin RCD¹⁵ only evaluated human exposure to a tick repellent product and did not investigate DFR.

To summarize, we were unable to compare the DFR found in this study to those used in completed exposure assessments for bifenthrin, captan, malathion and permethrin. Fenpropathrin residues found in this study were generally lower than those found in the exposure assessment, but may not be directly comparable since they are on different crops. Residues of myclobutanil were found to be higher than those used in the exposure assessment, but since the crops are different, a direct comparison may be misleading. The azinphosmethyl residues found in this study on peaches, nectarines and apples were either higher than or equivalent to residues

used in the exposure assessment. Azinphosmethyl residues on peaches, nectarines and apples may be of concern and should be evaluated further.

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
5/5/1997	Fd97-0001	Methomyl	Grape - Table	4/27/1997	0.0159	7	1.0
5/5/1997	Fd97-0002	Methomyl	Grape - Table	4/27/1997	0.0143	7	1.0
5/5/1997	Fd97-0003	Methomyl	Grape - Table	4/27/1997	0.0073	7	1.0
5/5/1997	Fd97-0004	Methomyl	Grape - Table	4/27/1997	0.0075	7	1.0
5/5/1997	Fd97-0005	Chlorpyrifos	Apple	5/2/1997	0.0178	2	1.0
5/5/1997	Fd97-0006	Chlorpyrifos	Apple	5/2/1997	0.0145	2	1.0
5/5/1997	Fd97-0007	Chlorpyrifos	Apple	5/2/1997	0.0245	2	1.0
5/5/1997	Fd97-0008	Chlorpyrifos	Apple	5/2/1997	0.0170	2	1.0
5/5/1997	Fd97-0009	Chlorpyrifos	Apple	5/2/1997	0.0100	2	1.0
5/5/1997	Fd97-0010	Chlorpyrifos	Apple	5/2/1997	0.0155	2	1.0
5/5/1997	Fd97-0011	Chlorpyrifos	Apple	5/2/1997	0.0108	2	1.0
5/5/1997	Fd97-0012	Chlorpyrifos	Apple	5/2/1997	0.0175	2	1.0
5/5/1997	Fd97-0013	Dimethoate	Grape - Table	5/2/1997	0.1303	2	1.0
5/5/1997	Fd97-0014	Dimethoate	Grape - Table	5/2/1997	0.0718	2	1.0
5/5/1997	Fd97-0015	Dimethoate	Grape - Table	5/2/1997	0.0763	2	1.0
5/5/1997	Fd97-0016	Dimethoate	Grape - Table	5/2/1997	0.0623	2	1.0
5/6/1997	Fd97-0017	Methomyl	Grape - Table	4/29/1997	0.0620	7	0.0
5/6/1997	Fd97-0018	Methomyl	Grape - Table	4/29/1997	0.0518	7	0.0
5/6/1997	Fd97-0019	Methomyl	Grape - Table	4/29/1997	0.0575	7	0.0
5/6/1997	Fd97-0020	Methomyl	Grape - Table	4/29/1997	0.0845	7	0.0
5/6/1997	Fd97-0021	Methomyl	Grape - Table	4/29/1997	0.0423	7	0.0
5/6/1997	Fd97-0022	Methomyl	Grape - Table	4/29/1997	0.0473	7	0.0
5/6/1997	Fd97-0023	Methomyl	Grape - Table	4/29/1997	0.0207	7	0.0
5/6/1997	Fd97-0024	Methomyl	Grape - Table	4/29/1997	0.0293	7	0.0
5/6/1997	Fd97-0025	Methomyl	Grape - Table	4/29/1997	0.0303	7	0.0
5/6/1997	Fd97-0026	Methomyl	Grape - Table	4/29/1997	0.0345	7	0.0
3/24/1998	Fd98-0005	Bifenthrin	Strawberry	3/22/1998	0.1120	1	1.0
3/24/1998	Fd98-0005	Iprodione	Strawberry	3/22/1998	0.9525	1	1.0
3/24/1998	Fd98-0006	Bifenthrin	Strawberry	3/22/1998	0.1385	1	1.0
3/24/1998	Fd98-0006	Iprodione	Strawberry	3/22/1998	1.2950	1	1.0
3/24/1998	Fd98-0007	Bifenthrin	Strawberry	3/22/1998	0.2005	1	1.0
3/24/1998	Fd98-0007	Iprodione	Strawberry	3/22/1998	1.3975	1	1.0
3/24/1998	Fd98-0008	Bifenthrin	Strawberry	3/22/1998	0.1833	1	1.0
3/24/1998	Fd98-0008	Iprodione	Strawberry	3/22/1998	1.3150	1	1.0
3/24/1998	Fd98-0009	Bifenthrin	Strawberry	3/22/1998	0.2085	1	1.0
3/24/1998	Fd98-0009	Iprodione	Strawberry	3/22/1998	1.4650	1	1.0
3/24/1998	Fd98-0010	Bifenthrin	Strawberry	3/22/1998	0.1088	1	1.0
3/24/1998	Fd98-0010	Iprodione	Strawberry	3/22/1998	0.8025	1	1.0
3/24/1998	Fd98-0011	Bifenthrin	Strawberry	3/22/1998	0.1340	1	1.0
3/24/1998	Fd98-0011	Iprodione	Strawberry	3/22/1998	1.1800	1	1.0
3/24/1998	Fd98-0012	Bifenthrin	Strawberry	3/22/1998	0.1658	1	1.0
3/24/1998	Fd98-0012	Iprodione	Strawberry	3/22/1998	1.4175	1	1.0

- 1 DFRs reported as 0 were below the limit of quantitation (LOQ), which ranged from 0.005 – 0.03 $\mu\text{g}/\text{cm}^2$ for all pesticides except abamectin. LOQ for abamectin was 0.0002 $\mu\text{g}/\text{cm}^2$.
- 2 Sampling was conducted within 1 day of expiration of the REI. Following night applications of pesticides with an REI of 12 hours, sampling was conducted up to 1.5 days post-REI, since workers would not enter fields until the morning after the REI expired.

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Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
3/24/1998	Fd98-0013	Bifenthrin	Strawberry	3/22/1998	0.1900	1	1.0
3/24/1998	Fd98-0013	Iprodione	Strawberry	3/22/1998	1.7225	1	1.0
3/24/1998	Fd98-0014	Bifenthrin	Strawberry	3/22/1998	0.1448	1	1.0
3/24/1998	Fd98-0014	Iprodione	Strawberry	3/22/1998	1.3750	1	1.0
3/24/1998	Fd98-0015	Bifenthrin	Strawberry	3/22/1998	0.1340	1	1.0
3/24/1998	Fd98-0015	Iprodione	Strawberry	3/22/1998	1.1050	1	1.0
3/24/1998	Fd98-0016	Bifenthrin	Strawberry	3/22/1998	0.1358	1	1.0
3/24/1998	Fd98-0016	Iprodione	Strawberry	3/22/1998	1.2700	1	1.0
4/23/1998	Fd98-0001	Carbaryl	Apple	4/22/1998	4.0750	1	0.5
4/23/1998	Fd98-0002	Carbaryl	Apple	4/22/1998	4.9500	1	0.5
4/23/1998	Fd98-0003	Carbaryl	Apple	4/22/1998	4.8500	1	0.5
4/23/1998	Fd98-0004	Carbaryl	Apple	4/22/1998	4.3000	1	0.5
4/23/1998	Fd98-0017	Carbaryl	Apple	4/22/1998	3.0250	1	0.5
4/23/1998	Fd98-0018	Carbaryl	Apple	4/22/1998	2.6750	1	0.5
4/23/1998	Fd98-0019	Carbaryl	Apple	4/22/1998	3.4750	1	0.5
4/23/1998	Fd98-0020	Carbaryl	Apple	4/22/1998	3.7000	1	0.5
4/23/1998	Fd98-0021	Carbaryl	Apple	4/22/1998	4.6250	1	0.5
4/23/1998	Fd98-0022	Carbaryl	Apple	4/22/1998	4.1250	1	0.5
4/23/1998	Fd98-0023	Carbaryl	Apple	4/22/1998	4.1250	1	0.5
4/23/1998	Fd98-0024	Carbaryl	Apple	4/22/1998	3.0250	1	0.5
4/23/1998	Fd98-0025	Dimethoate	Lettuce - Head	4/20/1998	0.0730	2	1.0
4/23/1998	Fd98-0025	Methomyl	Lettuce - Head	4/20/1998	0.1143	2	1.0
4/23/1998	Fd98-0026	Dimethoate	Lettuce - Head	4/20/1998	0.0773	2	1.0
4/23/1998	Fd98-0026	Methomyl	Lettuce - Head	4/20/1998	0.1738	2	1.0
4/23/1998	Fd98-0027	Dimethoate	Lettuce - Head	4/20/1998	0.0865	2	1.0
4/23/1998	Fd98-0027	Methomyl	Lettuce - Head	4/20/1998	0.2675	2	1.0
4/23/1998	Fd98-0028	Dimethoate	Lettuce - Head	4/20/1998	0.1360	2	1.0
4/23/1998	Fd98-0028	Methomyl	Lettuce - Head	4/20/1998	0.3325	2	1.0
4/28/1998	Fd98-0037	Permethrin	Lettuce - Head	4/27/1998	0.1703	1	0.5
4/28/1998	Fd98-0038	Permethrin	Lettuce - Head	4/27/1998	0.1995	1	0.5
4/28/1998	Fd98-0039	Permethrin	Lettuce - Head	4/27/1998	0.2343	1	0.5
4/28/1998	Fd98-0040	Permethrin	Lettuce - Head	4/27/1998	0.1888	1	0.5
4/28/1998	Fd98-0041	Azinphosmethyl	Apple	4/13/1998	0.6275	14	1.0
4/28/1998	Fd98-0042	Azinphosmethyl	Apple	4/13/1998	0.6225	14	1.0
4/28/1998	Fd98-0043	Azinphosmethyl	Apple	4/13/1998	1.0125	14	1.0
4/28/1998	Fd98-0044	Azinphosmethyl	Apple	4/13/1998	1.2525	14	1.0
4/28/1998	Fd98-0045	Azinphosmethyl	Apple	4/13/1998	1.3175	14	1.0
4/28/1998	Fd98-0046	Azinphosmethyl	Apple	4/13/1998	1.3175	14	1.0
4/28/1998	Fd98-0047	Azinphosmethyl	Apple	4/13/1998	0.6175	14	1.0
4/28/1998	Fd98-0048	Azinphosmethyl	Apple	4/13/1998	0.8725	14	1.0
4/28/1998	Fd98-0049	Methomyl	Orange	4/24/1998	0.0000	3	1.0
4/28/1998	Fd98-0050	Methomyl	Orange	4/24/1998	0.0000	3	1.0

- 1 DFRs reported as 0 were below the limit of quantitation (LOQ), which ranged from 0.005 – 0.03 $\mu\text{g}/\text{cm}^2$ for all pesticides except abamectin. LOQ for abamectin was 0.0002 $\mu\text{g}/\text{cm}^2$.
- 2 Sampling was conducted within 1 day of expiration of the REI. Following night applications of pesticides with an REI of 12 hours, sampling was conducted up to 1.5 days post-REI, since workers would not enter fields until the morning after the REI expired.

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
4/28/1998	Fd98-0051	Methomyl	Orange	4/24/1998	0.0000	3	1.0
4/28/1998	Fd98-0052	Methomyl	Orange	4/24/1998	0.0000	3	1.0
4/28/1998	Fd98-0053	Methomyl	Orange	4/24/1998	0.0000	3	1.0
4/28/1998	Fd98-0054	Methomyl	Orange	4/24/1998	0.0000	3	1.0
4/28/1998	Fd98-0055	Methomyl	Orange	4/24/1998	0.0000	3	1.0
4/28/1998	Fd98-0056	Methomyl	Orange	4/24/1998	0.0000	3	1.0
4/29/1998	Fd98-0057	Azinphosmethyl	Apple	4/14/1998	0.4200	14	1.0
4/29/1998	Fd98-0058	Azinphosmethyl	Apple	4/14/1998	0.3900	14	1.0
4/29/1998	Fd98-0059	Azinphosmethyl	Apple	4/14/1998	0.2975	14	1.0
4/29/1998	Fd98-0060	Azinphosmethyl	Apple	4/14/1998	0.3850	14	1.0
4/29/1998	Fd98-0061	Azinphosmethyl	Apple	4/14/1998	0.6000	14	1.0
4/29/1998	Fd98-0062	Azinphosmethyl	Apple	4/14/1998	0.5650	14	1.0
4/29/1998	Fd98-0063	Azinphosmethyl	Apple	4/14/1998	0.5525	14	1.0
4/29/1998	Fd98-0064	Azinphosmethyl	Apple	4/14/1998	0.6525	14	1.0
4/29/1998	Fd98-0065	Methyl Parathion	Plum	4/26/1998	1.2500	2	1.0
4/29/1998	Fd98-0066	Methyl Parathion	Plum	4/26/1998	1.5175	2	1.0
4/29/1998	Fd98-0067	Methyl Parathion	Plum	4/26/1998	2.8000	2	1.0
4/29/1998	Fd98-0068	Methyl Parathion	Plum	4/26/1998	3.2750	2	1.0
4/29/1998	Fd98-0069	Methyl Parathion	Plum	4/26/1998	2.0000	2	1.0
4/29/1998	Fd98-0070	Methyl Parathion	Plum	4/26/1998	1.5950	2	1.0
4/29/1998	Fd98-0071	Methyl Parathion	Plum	4/26/1998	2.2525	2	1.0
4/29/1998	Fd98-0072	Methyl Parathion	Plum	4/26/1998	2.0200	2	1.0
4/29/1998	Fd98-0073	Methyl Parathion	Plum	4/26/1998	0.0385	2	1.0
4/29/1998	Fd98-0074	Methyl Parathion	Plum	4/26/1998	0.0373	2	1.0
4/29/1998	Fd98-0075	Methyl Parathion	Plum	4/26/1998	1.5050	2	1.0
4/29/1998	Fd98-0076	Methyl Parathion	Plum	4/26/1998	1.0550	2	1.0
4/29/1998	Fd98-0077	Methyl Parathion	Plum	4/26/1998	1.3450	2	1.0
4/29/1998	Fd98-0078	Methyl Parathion	Plum	4/26/1998	1.5450	2	1.0
4/29/1998	Fd98-0079	Methyl Parathion	Plum	4/26/1998	0.0260	2	1.0
4/29/1998	Fd98-0080	Methyl Parathion	Plum	4/26/1998	0.0278	2	1.0
4/30/1998	Fd98-0081	Methomyl	Pomegranates	4/27/1998	0.1823	2	1.0
4/30/1998	Fd98-0082	Methomyl	Pomegranates	4/27/1998	0.1818	2	1.0
4/30/1998	Fd98-0083	Methomyl	Pomegranates	4/27/1998	0.2420	2	1.0
4/30/1998	Fd98-0084	Methomyl	Pomegranates	4/27/1998	0.1985	2	1.0
4/30/1998	Fd98-0085	Methomyl	Pomegranates	4/27/1998	0.3500	2	1.0
4/30/1998	Fd98-0086	Methomyl	Pomegranates	4/27/1998	0.1593	2	1.0
4/30/1998	Fd98-0087	Methomyl	Pomegranates	4/27/1998	0.1890	2	1.0
4/30/1998	Fd98-0088	Methomyl	Pomegranates	4/27/1998	0.1920	2	1.0
4/30/1998	Fd98-0089	Methomyl	Pomegranates	4/27/1998	0.3250	2	1.0
4/30/1998	Fd98-0090	Methomyl	Pomegranates	4/27/1998	0.2900	2	1.0
4/30/1998	Fd98-0091	Methomyl	Pomegranates	4/27/1998	0.1895	2	1.0
4/30/1998	Fd98-0092	Methomyl	Pomegranates	4/27/1998	0.2338	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
4/30/1998	Fd98-0093	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
4/30/1998	Fd98-0094	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
4/30/1998	Fd98-0095	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
4/30/1998	Fd98-0096	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
4/30/1998	Fd98-0097	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
4/30/1998	Fd98-0098	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
4/30/1998	Fd98-0099	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
4/30/1998	Fd98-0100	Methyl Parathion	Plum	4/27/1998	0.0000	2	1.0
7/21/1998	Fd98-0101	Propargite	Corn – Fresh	7/13/1998	0.1060	7	1.0
7/21/1998	Fd98-0102	Propargite	Corn – Fresh	7/13/1998	0.6600	7	1.0
7/21/1998	Fd98-0103	Propargite	Corn – Fresh	7/13/1998	1.4075	7	1.0
7/21/1998	Fd98-0104	Propargite	Corn – Fresh	7/13/1998	2.5400	7	1.0
7/21/1998	Fd98-0105	Propargite	Corn – Fresh	7/13/1998	1.5525	7	1.0
7/21/1998	Fd98-0106	Propargite	Corn – Fresh	7/13/1998	2.4500	7	1.0
7/21/1998	Fd98-0107	Propargite	Corn – Fresh	7/13/1998	1.8750	7	1.0
7/21/1998	Fd98-0108	Propargite	Corn – Fresh	7/13/1998	1.2325	7	1.0
7/21/1998	Fd98-0109	Propargite	Corn – Fresh	7/13/1998	1.4925	7	1.0
7/21/1998	Fd98-0110	Propargite	Corn – Fresh	7/13/1998	0.7600	7	1.0
7/21/1998	Fd98-0111	Propargite	Corn – Fresh	7/13/1998	1.4700	7	1.0
7/21/1998	Fd98-0112	Propargite	Corn – Fresh	7/13/1998	3.7575	7	1.0
7/30/1998	Fd98-0113	Dimethoate	Lima Bean	7/28/1998	0.3725	2	0.0
7/30/1998	Fd98-0114	Dimethoate	Lima Bean	7/28/1998	0.3800	2	0.0
7/30/1998	Fd98-0115	Dimethoate	Lima Bean	7/28/1998	0.4175	2	0.0
7/30/1998	Fd98-0116	Dimethoate	Lima Bean	7/28/1998	0.4600	2	0.0
7/30/1998	Fd98-0117	Dimethoate	Lima Bean	7/28/1998	0.1668	2	0.0
7/30/1998	Fd98-0118	Dimethoate	Lima Bean	7/28/1998	0.1318	2	0.0
7/30/1998	Fd98-0119	Dimethoate	Lima Bean	7/28/1998	0.1605	2	0.0
7/30/1998	Fd98-0120	Dimethoate	Lima Bean	7/28/1998	0.1685	2	0.0
7/30/1998	Fd98-0121	Dimethoate	Lima Bean	7/28/1998	0.0635	2	0.0
7/30/1998	Fd98-0122	Dimethoate	Lima Bean	7/28/1998	0.0698	2	0.0
7/30/1998	Fd98-0123	Dimethoate	Lima Bean	7/28/1998	0.0545	2	0.0
7/30/1998	Fd98-0124	Dimethoate	Lima Bean	7/28/1998	0.0938	2	0.0
7/30/1998	Fd98-0125	Dimethoate	Lima Bean	7/28/1998	0.1668	2	0.0
7/30/1998	Fd98-0126	Dimethoate	Lima Bean	7/28/1998	0.1528	2	0.0
7/30/1998	Fd98-0127	Dimethoate	Lima Bean	7/28/1998	0.2900	2	0.0
7/30/1998	Fd98-0128	Dimethoate	Lima Bean	7/28/1998	0.3750	2	0.0
7/30/1998	Fd98-0129	Dimethoate	Lima Bean	7/28/1998	0.1100	2	0.0
7/30/1998	Fd98-0130	Dimethoate	Lima Bean	7/28/1998	0.1383	2	0.0
7/30/1998	Fd98-0131	Dimethoate	Lima Bean	7/28/1998	0.1400	2	0.0
7/30/1998	Fd98-0132	Dimethoate	Lima Bean	7/28/1998	0.0780	2	0.0
7/30/1998	Fd98-0133	Dimethoate	Lima Bean	7/28/1998	0.0925	2	0.0
7/30/1998	Fd98-0134	Dimethoate	Lima Bean	7/28/1998	0.0910	2	0.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
7/30/1998	Fd98-0135	Dimethoate	Lima Bean	7/28/1998	0.0590	2	0.0
7/30/1998	Fd98-0136	Dimethoate	Lima Bean	7/28/1998	0.0680	2	0.0
10/18/1998	Fd98-0138	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0138	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0139	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0139	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0140	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0140	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0141	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0141	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0142	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0142	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0143	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0143	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0144	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0144	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0145	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0145	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0146	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0146	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0147	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0147	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0148	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0148	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0149	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0149	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0150	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0150	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0151	Dimethoate	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/18/1998	Fd98-0151	Methomyl	Lettuce - Romaine	10/15/1998	0.0000	2	1.0
10/19/1998	Fd98-0152	Fenpropathrin	Broccoli	10/17/1998	0.3925	1	1.0
10/19/1998	Fd98-0153	Fenpropathrin	Broccoli	10/17/1998	0.3050	1	1.0
10/19/1998	Fd98-0154	Fenpropathrin	Broccoli	10/17/1998	0.3200	1	1.0
10/19/1998	Fd98-0155	Fenpropathrin	Broccoli	10/17/1998	0.1745	1	1.0
10/19/1998	Fd98-0156	Fenpropathrin	Broccoli	10/17/1998	0.3450	1	1.0
10/19/1998	Fd98-0157	Fenpropathrin	Broccoli	10/17/1998	0.4150	1	1.0
10/19/1998	FD98-0158	Fenpropathrin	Broccoli	10/17/1998	0.3800	1	1.0
10/19/1998	FD98-0159	Fenpropathrin	Broccoli	10/17/1998	0.2295	1	1.0
10/19/1998	Fd98-0160	Dimethoate	Lettuce - Head	10/16/1998	0.0355	2	1.0
10/19/1998	Fd98-0161	Dimethoate	Lettuce - Head	10/16/1998	0.0318	2	1.0
10/19/1998	Fd98-0162	Dimethoate	Lettuce - Head	10/16/1998	0.0172	2	1.0
10/19/1998	Fd98-0163	Dimethoate	Lettuce - Head	10/16/1998	0.0224	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
10/19/1998	Fd98-0164	Dimethoate	Lettuce - Head	10/16/1998	0.0191	2	1.0
10/19/1998	Fd98-0165	Dimethoate	Lettuce - Head	10/16/1998	0.0150	2	1.0
10/19/1998	Fd98-0166	Dimethoate	Lettuce - Head	10/16/1998	0.0239	2	1.0
10/19/1998	Fd98-0167	Dimethoate	Lettuce - Head	10/16/1998	0.0217	2	1.0
10/19/1998	Fd98-0168	Fenpropathrin	Broccoli	10/17/1998	0.2550	1	1.0
10/19/1998	Fd98-0169	Fenpropathrin	Broccoli	10/17/1998	0.2305	1	1.0
10/19/1998	Fd98-0170	Fenpropathrin	Broccoli	10/17/1998	0.2483	1	1.0
10/19/1998	Fd98-0171	Fenpropathrin	Broccoli	10/17/1998	0.1750	1	1.0
10/19/1998	Fd98-0172	Fenpropathrin	Broccoli	10/17/1998	0.1543	1	1.0
10/19/1998	Fd98-0188	Fenpropathrin	Cauliflower	10/18/1998	0.1895	1	0.0
10/19/1998	Fd98-0189	Fenpropathrin	Cauliflower	10/18/1998	0.2223	1	0.0
10/19/1998	Fd98-0190	Fenpropathrin	Cauliflower	10/18/1998	0.1990	1	0.0
10/19/1998	Fd98-0191	Fenpropathrin	Cauliflower	10/18/1998	0.2103	1	0.0
10/19/1998	Fd98-0192	Fenpropathrin	Cauliflower	10/18/1998	0.1095	1	0.0
10/19/1998	Fd98-0193	Fenpropathrin	Cauliflower	10/18/1998	0.1640	1	0.0
10/19/1998	Fd98-0194	Fenpropathrin	Cauliflower	10/18/1998	0.1050	1	0.0
10/19/1998	Fd98-0195	Fenpropathrin	Cauliflower	10/18/1998	0.1448	1	0.0
10/19/1998	Fd98-0196	Fenpropathrin	Cauliflower	10/18/1998	0.1400	1	0.0
10/19/1998	Fd98-0197	Fenpropathrin	Cauliflower	10/18/1998	0.1343	1	0.0
10/19/1998	Fd98-0198	Fenpropathrin	Cauliflower	10/18/1998	0.1775	1	0.0
10/19/1998	Fd98-0199	Fenpropathrin	Cauliflower	10/18/1998	0.2003	1	0.0
10/19/1998	Fd98-0200	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/19/1998	Fd98-0201	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/19/1998	Fd98-0202	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/19/1998	Fd98-0203	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/19/1998	Fd98-0204	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/19/1998	Fd98-0205	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/19/1998	Fd98-0206	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/19/1998	Fd98-0207	Dimethoate	Lettuce - Butterhead	10/16/1998	0.0000	2	1.0
10/20/1998	Fd98-0174	Dimethoate	Cauliflower	10/17/1998	0.1655	2	1.0
10/20/1998	Fd98-0175	Dimethoate	Cauliflower	10/17/1998	0.1730	2	1.0
10/20/1998	Fd98-0176	Dimethoate	Cauliflower	10/17/1998	0.1648	2	1.0
10/20/1998	Fd98-0177	Dimethoate	Cauliflower	10/17/1998	0.1498	2	1.0
10/20/1998	Fd98-0178	Dimethoate	Cauliflower	10/17/1998	0.1858	2	1.0
10/20/1998	Fd98-0179	Dimethoate	Cauliflower	10/17/1998	0.1928	2	1.0
10/21/1998	Fd98-0180	Methomyl	Lettuce - Romaine	10/18/1998	0.2495	2	1.0
10/21/1998	Fd98-0181	Methomyl	Lettuce - Romaine	10/18/1998	0.2453	2	1.0
10/21/1998	Fd98-0182	Methomyl	Lettuce - Romaine	10/18/1998	0.2388	2	1.0
10/21/1998	Fd98-0183	Methomyl	Lettuce - Romaine	10/18/1998	0.4925	2	1.0
10/21/1998	Fd98-0184	Methomyl	Lettuce - Romaine	10/18/1998	0.1423	2	1.0
10/21/1998	Fd98-0185	Methomyl	Lettuce - Romaine	10/18/1998	0.1880	2	1.0
10/21/1998	Fd98-0186	Methomyl	Lettuce - Romaine	10/18/1998	0.1388	2	1.0

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
10/21/1998	Fd98-0187	Methomyl	Lettuce - Romaine	10/18/1998	0.1315	2	1.0
11/1/1998	Fd98-0208	Endosulfan	Broccoli	10/30/1998	0.1323	2	0.0
11/1/1998	Fd98-0209	Endosulfan	Broccoli	10/30/1998	0.2230	2	0.0
11/1/1998	Fd98-0210	Endosulfan	Broccoli	10/30/1998	0.1080	2	0.0
11/1/1998	Fd98-0211	Endosulfan	Broccoli	10/30/1998	0.1763	2	0.0
11/1/1998	Fd98-0212	Endosulfan	Broccoli	10/30/1998	0.1040	2	0.0
11/1/1998	Fd98-0213	Endosulfan	Broccoli	10/30/1998	0.1528	2	0.0
11/1/1998	Fd98-0214	Endosulfan	Broccoli	10/30/1998	0.0900	2	0.0
11/1/1998	Fd98-0215	Endosulfan	Broccoli	10/30/1998	0.0823	2	0.0
11/1/1998	Fd98-0216	Endosulfan	Broccoli	10/30/1998	0.0790	2	0.0
11/1/1998	Fd98-0217	Endosulfan	Broccoli	10/30/1998	0.1145	2	0.0
11/1/1998	Fd98-0218	Endosulfan	Broccoli	10/30/1998	0.1453	2	0.0
11/1/1998	Fd98-0219	Endosulfan	Broccoli	10/30/1998	0.1958	2	0.0
11/1/1998	Fd98-0220	Endosulfan	Broccoli	10/30/1998	0.1640	2	0.0
11/1/1998	Fd98-0221	Endosulfan	Broccoli	10/30/1998	0.1285	2	0.0
11/1/1998	Fd98-0222	Endosulfan	Broccoli	10/30/1998	0.1040	2	0.0
11/1/1998	Fd98-0223	Endosulfan	Broccoli	10/30/1998	0.2575	2	0.0
11/2/1998	Fd98-0224	Cyhalothrin	Lettuce - Head	10/31/1998	0.0208	1	1.0
11/2/1998	Fd98-0224	Sulfur	Lettuce - Head	10/31/1998	1.2300	1	1.0
11/2/1998	Fd98-0225	Cyhalothrin	Lettuce - Head	10/31/1998	0.0188	1	1.0
11/2/1998	Fd98-0225	Sulfur	Lettuce - Head	10/31/1998	1.1475	1	1.0
11/2/1998	Fd98-0226	Cyhalothrin	Lettuce - Head	10/31/1998	0.0248	1	1.0
11/2/1998	Fd98-0226	Sulfur	Lettuce - Head	10/31/1998	1.4125	1	1.0
11/2/1998	Fd98-0227	Cyhalothrin	Lettuce - Head	10/31/1998	0.0144	1	1.0
11/2/1998	Fd98-0227	Sulfur	Lettuce - Head	10/31/1998	1.0300	1	1.0
11/2/1998	Fd98-0228	Cyhalothrin	Lettuce - Head	10/31/1998	0.0535	1	1.0
11/2/1998	Fd98-0228	Sulfur	Lettuce - Head	10/31/1998	3.0650	1	1.0
11/2/1998	Fd98-0229	Cyhalothrin	Lettuce - Head	10/31/1998	0.0445	1	1.0
11/2/1998	Fd98-0229	Sulfur	Lettuce - Head	10/31/1998	2.8675	1	1.0
11/2/1998	Fd98-0230	Cyhalothrin	Lettuce - Head	10/31/1998	0.0453	1	1.0
11/2/1998	Fd98-0230	Sulfur	Lettuce - Head	10/31/1998	2.6575	1	1.0
11/2/1998	Fd98-0231	Cyhalothrin	Lettuce - Head	10/31/1998	0.0485	1	1.0
11/2/1998	Fd98-0231	Sulfur	Lettuce - Head	10/31/1998	3.1750	1	1.0
11/3/1998	Fd98-0232	Carbaryl	Pomelo	11/2/1998	0.4500	1	0.5
11/3/1998	Fd98-0233	Carbaryl	Pomelo	11/2/1998	0.6575	1	0.5
11/3/1998	Fd98-0234	Carbaryl	Pomelo	11/2/1998	0.7100	1	0.5
11/3/1998	Fd98-0235	Carbaryl	Pomelo	11/2/1998	0.8175	1	0.5
11/3/1998	Fd98-0236	Carbaryl	Pomelo	11/2/1998	1.3625	1	0.5
11/3/1998	Fd98-0237	Carbaryl	Pomelo	11/2/1998	0.7625	1	0.5
11/3/1998	Fd98-0238	Carbaryl	Pomelo	11/2/1998	0.6500	1	0.5
11/3/1998	Fd98-0239	Carbaryl	Pomelo	11/2/1998	0.2775	1	0.5
11/4/1998	Fd98-0260	Methidathion	Olive	11/1/1998	1.0050	3	0.0

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- Sampling was conducted within 1 day of expiration of the REI. Following night applications of pesticides with an REI of 12 hours, sampling was conducted up to 1.5 days post-REI, since workers would not enter fields until the morning after the REI expired.

Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
11/4/1998	Fd98-0261	Methidathion	Olive	11/1/1998	0.6025	3	0.0
11/4/1998	Fd98-0262	Methidathion	Olive	11/1/1998	0.6675	3	0.0
11/4/1998	Fd98-0263	Methidathion	Olive	11/1/1998	1.2025	3	0.0
11/4/1998	Fd98-0264	Methidathion	Olive	11/1/1998	0.9950	3	0.0
11/4/1998	Fd98-0265	Methidathion	Olive	11/1/1998	0.7725	3	0.0
11/4/1998	Fd98-0266	Methidathion	Olive	11/1/1998	0.7275	3	0.0
11/4/1998	Fd98-0267	Methidathion	Olive	11/1/1998	0.9275	3	0.0
11/4/1998	Fd98-0268	Methidathion	Olive	11/1/1998	0.6525	3	0.0
11/4/1998	Fd98-0269	Methidathion	Olive	11/1/1998	0.8100	3	0.0
11/5/1998	Fd98-0270	Methidathion	Olive	11/1/1998	0.0000	3	1.0
11/5/1998	Fd98-0271	Methidathion	Olive	11/1/1998	0.0000	3	1.0
11/5/1998	Fd98-0272	Methidathion	Olive	11/1/1998	0.6225	3	1.0
11/5/1998	Fd98-0273	Methidathion	Olive	11/1/1998	1.0100	3	1.0
11/5/1998	Fd98-0274	Permethrin	Lettuce - Head	11/4/1998	0.0000	1	0.5
11/5/1998	Fd98-0275	Permethrin	Lettuce - Head	11/4/1998	0.0000	1	0.5
11/5/1998	Fd98-0276	Methomyl	Lettuce - Head	11/2/1998	0.0258	2	1.0
11/5/1998	Fd98-0277	Methomyl	Lettuce - Head	11/2/1998	0.0390	2	1.0
11/5/1998	Fd98-0278	Methomyl	Lettuce - Head	11/2/1998	0.0221	2	1.0
11/5/1998	Fd98-0279	Methomyl	Lettuce - Head	11/2/1998	0.0813	2	1.0
11/5/1998	Fd98-0280	Methomyl	Lettuce - Head	11/2/1998	0.0435	2	1.0
11/5/1998	Fd98-0281	Methomyl	Lettuce - Head	11/2/1998	0.0418	2	1.0
11/5/1998	Fd98-0282	Methomyl	Lettuce - Head	11/2/1998	0.0000	2	1.0
11/5/1998	Fd98-0283	Methomyl	Lettuce - Head	11/2/1998	0.0000	2	1.0
3/28/1999	Fd99-0001	Chlorpyrifos	Broccoli	3/26/1999	0.1750	1	1.0
3/28/1999	Fd99-0002	Chlorpyrifos	Broccoli	3/26/1999	0.1458	1	1.0
3/28/1999	Fd99-0003	Chlorpyrifos	Broccoli	3/26/1999	0.1445	1	1.0
3/28/1999	Fd99-0004	Chlorpyrifos	Broccoli	3/26/1999	0.1683	1	1.0
3/28/1999	Fd99-0005	Chlorpyrifos	Broccoli	3/26/1999	0.1003	1	1.0
3/28/1999	Fd99-0006	Chlorpyrifos	Broccoli	3/26/1999	0.0903	1	1.0
3/28/1999	Fd99-0009	Methomyl	Nectarine	3/24/1999	0.0000	3	1.0
3/28/1999	Fd99-0010	Methomyl	Nectarine	3/24/1999	0.0000	3	1.0
3/28/1999	Fd99-0011	Methomyl	Nectarine	3/24/1999	0.0000	3	1.0
3/28/1999	Fd99-0012	Methomyl	Nectarine	3/24/1999	0.0000	3	1.0
3/30/1999	Fd99-0013	Endosulfan	Lettuce - Head	3/28/1999	0.0000	2	0.0
3/30/1999	Fd99-0014	Endosulfan	Lettuce - Head	3/28/1999	0.0000	2	0.0
3/30/1999	Fd99-0015	Endosulfan	Lettuce - Head	3/28/1999	0.0000	2	0.0
3/30/1999	Fd99-0016	Endosulfan	Lettuce - Head	3/28/1999	0.0000	2	0.0
3/30/1999	Fd99-0017	Endosulfan	Lettuce - Head	3/28/1999	0.0000	2	0.0
3/30/1999	Fd99-0018	Endosulfan	Lettuce - Head	3/28/1999	0.0000	2	0.0
3/30/1999	Fd99-0019	Endosulfan	Lettuce - Head	3/28/1999	0.1150	2	0.0
3/30/1999	Fd99-0020	Endosulfan	Lettuce - Head	3/28/1999	0.0000	2	0.0
3/30/1999	Fd99-0021	Endosulfan	Lettuce - Butterhead	3/27/1999	0.5350	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
3/30/1999	Fd99-0021	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.0460	2	1.0
3/30/1999	Fd99-0021	Methomyl	Lettuce - Butterhead	3/27/1999	0.1500	2	1.0
3/30/1999	Fd99-0022	Endosulfan	Lettuce - Butterhead	3/27/1999	0.1393	2	1.0
3/30/1999	Fd99-0022	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.0725	2	1.0
3/30/1999	Fd99-0022	Methomyl	Lettuce - Butterhead	3/27/1999	0.2293	2	1.0
3/30/1999	Fd99-0023	Endosulfan	Lettuce - Butterhead	3/27/1999	0.0405	2	1.0
3/30/1999	Fd99-0023	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.1453	2	1.0
3/30/1999	Fd99-0023	Methomyl	Lettuce - Butterhead	3/27/1999	0.5225	2	1.0
3/30/1999	Fd99-0024	Endosulfan	Lettuce - Butterhead	3/27/1999	0.2808	2	1.0
3/30/1999	Fd99-0024	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.0803	2	1.0
3/30/1999	Fd99-0024	Methomyl	Lettuce - Butterhead	3/27/1999	0.1705	2	1.0
3/30/1999	Fd99-0025	Endosulfan	Lettuce - Butterhead	3/27/1999	0.4063	2	1.0
3/30/1999	Fd99-0025	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.0298	2	1.0
3/30/1999	Fd99-0025	Methomyl	Lettuce - Butterhead	3/27/1999	0.1098	2	1.0
3/30/1999	Fd99-0026	Endosulfan	Lettuce - Butterhead	3/27/1999	0.2640	2	1.0
3/30/1999	Fd99-0026	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.1220	2	1.0
3/30/1999	Fd99-0026	Methomyl	Lettuce - Butterhead	3/27/1999	0.3925	2	1.0
3/30/1999	Fd99-0027	Endosulfan	Lettuce - Butterhead	3/27/1999	0.1103	2	1.0
3/30/1999	Fd99-0027	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.1170	2	1.0
3/30/1999	Fd99-0027	Methomyl	Lettuce - Butterhead	3/27/1999	0.3525	2	1.0
3/30/1999	Fd99-0028	Endosulfan	Lettuce - Butterhead	3/27/1999	0.4165	2	1.0
3/30/1999	Fd99-0028	Metalaxyl	Lettuce - Butterhead	3/27/1999	0.0950	2	1.0
3/30/1999	Fd99-0028	Methomyl	Lettuce - Butterhead	3/27/1999	0.2145	2	1.0
3/30/1999	Fd99-0029	Endosulfan	Radicchio	3/27/1999	0.0765	2	1.0
3/30/1999	Fd99-0029	Metalaxyl	Radicchio	3/27/1999	0.0540	2	1.0
3/30/1999	Fd99-0029	Methomyl	Radicchio	3/27/1999	0.1105	2	1.0
3/30/1999	Fd99-0030	Endosulfan	Radicchio	3/27/1999	0.1020	2	1.0
3/30/1999	Fd99-0030	Metalaxyl	Radicchio	3/27/1999	0.0800	2	1.0
3/30/1999	Fd99-0030	Methomyl	Radicchio	3/27/1999	0.1148	2	1.0
3/30/1999	Fd99-0031	Endosulfan	Radicchio	3/27/1999	0.2048	2	1.0
3/30/1999	Fd99-0031	Metalaxyl	Radicchio	3/27/1999	0.0820	2	1.0
3/30/1999	Fd99-0031	Methomyl	Radicchio	3/27/1999	0.2315	2	1.0
3/30/1999	Fd99-0032	Endosulfan	Radicchio	3/27/1999	0.2940	2	1.0
3/30/1999	Fd99-0032	Metalaxyl	Radicchio	3/27/1999	0.0373	2	1.0
3/30/1999	Fd99-0032	Methomyl	Radicchio	3/27/1999	0.1005	2	1.0
3/30/1999	Fd99-0033	Endosulfan	Radicchio	3/27/1999	0.1775	2	1.0
3/30/1999	Fd99-0033	Metalaxyl	Radicchio	3/27/1999	0.0590	2	1.0
3/30/1999	Fd99-0033	Methomyl	Radicchio	3/27/1999	0.1190	2	1.0
3/30/1999	Fd99-0034	Endosulfan	Radicchio	3/27/1999	0.0845	2	1.0
3/30/1999	Fd99-0034	Metalaxyl	Radicchio	3/27/1999	0.0688	2	1.0
3/30/1999	Fd99-0034	Methomyl	Radicchio	3/27/1999	0.1218	2	1.0
3/30/1999	Fd99-0035	Metalaxyl	Radicchio	3/27/1999	0.0420	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
3/30/1999	Fd99-0035	Methomyl	Radicchio	3/27/1999	0.0480	2	1.0
3/30/1999	Fd99-0036	Metalaxyl	Radicchio	3/27/1999	0.0703	2	1.0
3/30/1999	Fd99-0036	Methomyl	Radicchio	3/27/1999	0.1203	2	1.0
3/31/1999	Fd99-0037	Metalaxyl	Lettuce - Romaine	3/28/1999	0.0000	2	1.0
3/31/1999	Fd99-0037	Methomyl	Lettuce - Romaine	3/28/1999	0.0038	2	1.0
3/31/1999	Fd99-0038	Metalaxyl	Lettuce - Romaine	3/28/1999	0.0000	2	1.0
3/31/1999	Fd99-0038	Methomyl	Lettuce - Romaine	3/28/1999	0.0030	2	1.0
3/31/1999	Fd99-0039	Metalaxyl	Lettuce - Romaine	3/28/1999	0.0235	2	1.0
3/31/1999	Fd99-0039	Methomyl	Lettuce - Romaine	3/28/1999	0.3400	2	1.0
3/31/1999	Fd99-0040	Metalaxyl	Lettuce - Romaine	3/28/1999	0.0313	2	1.0
3/31/1999	Fd99-0040	Methomyl	Lettuce - Romaine	3/28/1999	0.3150	2	1.0
3/31/1999	Fd99-0041	Metalaxyl	Lettuce - Romaine	3/28/1999	0.0241	2	1.0
3/31/1999	Fd99-0041	Methomyl	Lettuce - Romaine	3/28/1999	0.4800	2	1.0
3/31/1999	Fd99-0042	Metalaxyl	Lettuce - Romaine	3/28/1999	0.0204	2	1.0
3/31/1999	Fd99-0042	Methomyl	Lettuce - Romaine	3/28/1999	0.3775	2	1.0
3/31/1999	Fd99-0043	Endosulfan	Lettuce - Leaf	3/29/1999	0.1248	2	0.0
3/31/1999	Fd99-0044	Endosulfan	Lettuce - Leaf	3/29/1999	0.1060	2	0.0
3/31/1999	Fd99-0045	Endosulfan	Lettuce - Leaf	3/29/1999	0.0775	2	0.0
3/31/1999	Fd99-0046	Endosulfan	Lettuce - Leaf	3/29/1999	0.0743	2	0.0
3/31/1999	Fd99-0047	Endosulfan	Lettuce - Leaf	3/29/1999	0.0780	2	0.0
3/31/1999	Fd99-0048	Endosulfan	Lettuce - Leaf	3/29/1999	0.1065	2	0.0
3/31/1999	Fd99-0049	Endosulfan	Lettuce - Leaf	3/29/1999	0.0663	2	0.0
3/31/1999	Fd99-0050	Endosulfan	Lettuce - Leaf	3/29/1999	0.0545	2	0.0
3/31/1999	Fd99-0051	Endosulfan	Lettuce - Leaf	3/29/1999	0.0998	2	0.0
3/31/1999	Fd99-0052	Endosulfan	Lettuce - Leaf	3/29/1999	0.0673	2	0.0
3/31/1999	Fd99-0053	Endosulfan	Lettuce - Leaf	3/29/1999	0.0554	2	0.0
3/31/1999	Fd99-0054	Endosulfan	Lettuce - Leaf	3/29/1999	0.0452	2	0.0
3/31/1999	Fd99-0055	Endosulfan	Lettuce - Leaf	3/29/1999	0.0835	2	0.0
3/31/1999	Fd99-0056	Endosulfan	Lettuce - Leaf	3/29/1999	0.0938	2	0.0
3/31/1999	Fd99-0057	Endosulfan	Lettuce - Leaf	3/29/1999	0.0600	2	0.0
3/31/1999	Fd99-0058	Endosulfan	Lettuce - Leaf	3/29/1999	0.0724	2	0.0
3/31/1999	Fd99-0059	Endosulfan	Lettuce - Leaf	3/29/1999	0.0888	2	0.0
3/31/1999	Fd99-0060	Endosulfan	Lettuce - Leaf	3/29/1999	0.0622	2	0.0
4/1/1999	Fd99-0061	Dimethoate	Lettuce - Head	3/30/1999	0.2228	2	0.0
4/1/1999	Fd99-0061	Endosulfan	Lettuce - Head	3/30/1999	0.1543	2	0.0
4/1/1999	Fd99-0062	Dimethoate	Lettuce - Head	3/30/1999	0.1730	2	0.0
4/1/1999	Fd99-0062	Endosulfan	Lettuce - Head	3/30/1999	0.1265	2	0.0
4/1/1999	Fd99-0063	Dimethoate	Lettuce - Head	3/30/1999	0.1283	2	0.0
4/1/1999	Fd99-0063	Endosulfan	Lettuce - Head	3/30/1999	0.1040	2	0.0
4/1/1999	Fd99-0064	Dimethoate	Lettuce - Head	3/30/1999	0.1275	2	0.0
4/1/1999	Fd99-0064	Endosulfan	Lettuce - Head	3/30/1999	0.1515	2	0.0
4/1/1999	Fd99-0065	Dimethoate	Lettuce - Head	3/30/1999	0.1275	2	0.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
4/1/1999	Fd99-0065	Endosulfan	Lettuce - Head	3/30/1999	0.1010	2	0.0
4/1/1999	Fd99-0066	Dimethoate	Lettuce - Head	3/30/1999	0.1413	2	0.0
4/1/1999	Fd99-0066	Endosulfan	Lettuce - Head	3/30/1999	0.1540	2	0.0
4/1/1999	Fd99-0067	Endosulfan	Lettuce - Leaf	3/30/1999	0.1227	2	0.0
4/1/1999	Fd99-0067	Metalaxyl	Lettuce - Leaf	3/30/1999	0.0167	2	0.0
4/1/1999	Fd99-0068	Endosulfan	Lettuce - Leaf	3/30/1999	0.1438	2	0.0
4/1/1999	Fd99-0068	Metalaxyl	Lettuce - Leaf	3/30/1999	0.0000	2	0.0
4/1/1999	Fd99-0069	Endosulfan	Lettuce - Leaf	3/30/1999	0.0775	2	0.0
4/1/1999	Fd99-0069	Metalaxyl	Lettuce - Leaf	3/30/1999	0.0165	2	0.0
4/1/1999	Fd99-0070	Endosulfan	Lettuce - Leaf	3/30/1999	0.0720	2	0.0
4/1/1999	Fd99-0070	Metalaxyl	Lettuce - Leaf	3/30/1999	0.0164	2	0.0
4/1/1999	Fd99-0071	Endosulfan	Lettuce - Leaf	3/30/1999	0.1145	2	0.0
4/1/1999	Fd99-0071	Metalaxyl	Lettuce - Leaf	3/30/1999	0.0168	2	0.0
4/1/1999	Fd99-0072	Endosulfan	Lettuce - Leaf	3/30/1999	0.1049	2	0.0
4/1/1999	Fd99-0072	Metalaxyl	Lettuce - Leaf	3/30/1999	0.0168	2	0.0
4/19/1999	Fd99-0079	Imidacloprid	Radicchio	4/18/1999	0.0263	1	0.5
4/19/1999	Fd99-0079	Permethrin	Radicchio	4/18/1999	0.2475	1	0.5
4/19/1999	Fd99-0080	Imidacloprid	Radicchio	4/18/1999	0.0172	1	0.5
4/19/1999	Fd99-0080	Permethrin	Radicchio	4/18/1999	0.2500	1	0.5
4/19/1999	Fd99-0081	Imidacloprid	Radicchio	4/18/1999	0.0184	1	0.5
4/19/1999	Fd99-0081	Permethrin	Radicchio	4/18/1999	0.2163	1	0.5
4/19/1999	Fd99-0082	Imidacloprid	Radicchio	4/18/1999	0.0147	1	0.5
4/19/1999	Fd99-0082	Permethrin	Radicchio	4/18/1999	0.2875	1	0.5
4/19/1999	Fd99-0083	Imidacloprid	Radicchio	4/18/1999	0.0775	1	0.5
4/19/1999	Fd99-0083	Permethrin	Radicchio	4/18/1999	0.3775	1	0.5
4/19/1999	Fd99-0084	Imidacloprid	Radicchio	4/18/1999	0.0748	1	0.5
4/19/1999	Fd99-0084	Permethrin	Radicchio	4/18/1999	0.3325	1	0.5
4/19/1999	Fd99-0085	Permethrin	Lettuce - Romaine	4/18/1999	0.4050	1	0.5
4/19/1999	Fd99-0086	Permethrin	Lettuce - Romaine	4/18/1999	0.3900	1	0.5
4/19/1999	Fd99-0087	Permethrin	Lettuce - Romaine	4/18/1999	0.4375	1	0.5
4/19/1999	Fd99-0088	Permethrin	Lettuce - Romaine	4/18/1999	0.5000	1	0.5
4/19/1999	Fd99-0089	Permethrin	Lettuce - Romaine	4/18/1999	0.3075	1	0.5
4/19/1999	Fd99-0090	Permethrin	Lettuce - Romaine	4/18/1999	0.4025	1	0.5
4/20/1999	Fd99-0091	Imidacloprid	Lettuce - Head	4/19/1999	0.0118	1	0.5
4/20/1999	Fd99-0091	Permethrin	Lettuce - Head	4/19/1999	0.1950	1	0.5
4/20/1999	Fd99-0092	Imidacloprid	Lettuce - Head	4/19/1999	0.0165	1	0.5
4/20/1999	Fd99-0092	Permethrin	Lettuce - Head	4/19/1999	0.2875	1	0.5
4/20/1999	Fd99-0093	Imidacloprid	Lettuce - Head	4/19/1999	0.0540	1	0.5
4/20/1999	Fd99-0093	Permethrin	Lettuce - Head	4/19/1999	0.3425	1	0.5
4/20/1999	Fd99-0094	Imidacloprid	Lettuce - Head	4/19/1999	0.0293	1	0.5
4/20/1999	Fd99-0094	Permethrin	Lettuce - Head	4/19/1999	0.3525	1	0.5
4/21/1999	Fd99-0115	Benomyl	Orange	4/19/1999	0.0000	1	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
4/21/1999	Fd99-0116	Benomyl	Orange	4/19/1999	0.0000	1	1.0
4/21/1999	Fd99-0117	Benomyl	Orange	4/19/1999	0.0000	1	1.0
4/21/1999	Fd99-0118	Benomyl	Orange	4/19/1999	0.0000	1	1.0
4/21/1999	Fd99-0119	Benomyl	Orange	4/19/1999	0.0000	1	1.0
4/21/1999	Fd99-0120	Benomyl	Orange	4/19/1999	0.0000	1	1.0
4/21/1999	Fd99-0123	Methyl Parathion	Plum	4/18/1999	1.0900	2	1.0
4/21/1999	Fd99-0124	Methyl Parathion	Plum	4/18/1999	0.9075	2	1.0
4/21/1999	Fd99-0125	Methyl Parathion	Plum	4/18/1999	1.1175	2	1.0
4/21/1999	Fd99-0126	Methyl Parathion	Plum	4/18/1999	1.5125	2	1.0
4/21/1999	Fd99-0127	Methyl Parathion	Plum	4/18/1999	1.1675	2	1.0
4/21/1999	Fd99-0128	Methyl Parathion	Plum	4/18/1999	1.4325	2	1.0
4/21/1999	Fd99-0129	Methyl Parathion	Plum	4/18/1999	0.9800	2	1.0
4/21/1999	Fd99-0130	Methyl Parathion	Plum	4/18/1999	1.1400	2	1.0
4/21/1999	Fd99-0131	Methyl Parathion	Plum	4/18/1999	1.2900	2	1.0
4/21/1999	Fd99-0132	Methyl Parathion	Plum	4/18/1999	1.4775	2	1.0
4/21/1999	Fd99-0133	Methyl Parathion	Plum	4/18/1999	1.0725	2	1.0
4/21/1999	Fd99-0134	Methyl Parathion	Plum	4/18/1999	1.1750	2	1.0
4/22/1999	Fd99-0139	Oxydemeton-methyl	Broccoli	4/19/1999	0.3050	2	1.0
4/22/1999	Fd99-0140	Oxydemeton-methyl	Broccoli	4/19/1999	0.4125	2	1.0
4/22/1999	Fd99-0141	Oxydemeton-methyl	Broccoli	4/19/1999	0.3250	2	1.0
4/22/1999	Fd99-0142	Oxydemeton-methyl	Broccoli	4/19/1999	0.3300	2	1.0
4/22/1999	Fd99-0143	Oxydemeton-methyl	Broccoli	4/19/1999	0.5100	2	1.0
4/22/1999	Fd99-0144	Oxydemeton-methyl	Broccoli	4/19/1999	0.3625	2	1.0
4/22/1999	Fd99-0145	Oxydemeton-methyl	Broccoli	4/19/1999	0.3525	2	1.0
4/22/1999	Fd99-0146	Oxydemeton-methyl	Broccoli	4/19/1999	0.3925	2	1.0
4/22/1999	Fd99-0147	Oxydemeton-methyl	Broccoli	4/19/1999	0.4250	2	1.0
4/22/1999	Fd99-0148	Oxydemeton-methyl	Broccoli	4/19/1999	0.2215	2	1.0
4/22/1999	Fd99-0149	Benomyl	Orange	4/20/1999	0.0000	1	1.0
4/22/1999	Fd99-0150	Benomyl	Orange	4/20/1999	0.0000	1	1.0
4/22/1999	Fd99-0151	Methyl Parathion	Plum	4/19/1999	0.0000	2	1.0
4/22/1999	Fd99-0152	Methyl Parathion	Plum	4/19/1999	0.0000	2	1.0
4/22/1999	Fd99-0153	Methyl Parathion	Plum	4/19/1999	0.0000	2	1.0
4/22/1999	Fd99-0154	Methyl Parathion	Plum	4/19/1999	0.0000	2	1.0
6/14/1999	Fd99-0155	Myclobutanil	Carnation	6/12/1999	0.3700	1	1.0
6/14/1999	Fd99-0156	Myclobutanil	Carnation	6/12/1999	0.3650	1	1.0
6/14/1999	Fd99-0157	Methiocarb	Carnation	6/12/1999	3.7500	1	1.0
6/14/1999	Fd99-0158	Methiocarb	Carnation	6/12/1999	2.7250	1	1.0
6/14/1999	Fd99-0159	Fluvalinate	Carnation	6/12/1999	0.2700	1	1.5
6/14/1999	Fd99-0160	Fluvalinate	Carnation	6/12/1999	0.1975	1	1.5
6/14/1999	Fd99-0161	Myclobutanil	Carnation	6/12/1999	0.3850	1	1.0
6/14/1999	Fd99-0162	Myclobutanil	Carnation	6/12/1999	0.2850	1	1.0
9/16/1999	OM99-0007	Propargite	Grape - Wine	8/16/1999	0.0345	30	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
9/16/1999	OM99-0008	Propargite	Grape - Wine	8/16/1999	0.0425	30	1.0
9/16/1999	OM99-0009	Propargite	Grape - Wine	8/16/1999	0.0593	30	1.0
9/16/1999	OM99-0010	Propargite	Grape - Wine	8/16/1999	0.0733	30	1.0
9/16/1999	OM99-0011	Propargite	Grape - Wine	8/16/1999	0.1415	30	1.0
9/16/1999	OM99-0012	Propargite	Grape - Wine	8/16/1999	0.0585	30	1.0
9/16/1999	OM99-0013	Propargite	Grape - Wine	8/16/1999	0.0513	30	1.0
9/16/1999	OM99-0014	Propargite	Grape - Wine	8/16/1999	0.0435	30	1.0
9/16/1999	OM99-0015	Propargite	Grape - Wine	8/16/1999	0.0388	30	1.0
9/16/1999	OM99-0016	Propargite	Grape - Wine	8/16/1999	0.0443	30	1.0
9/16/1999	OM99-0017	Propargite	Grape - Wine	8/16/1999	0.2265	30	1.0
9/16/1999	OM99-0018	Propargite	Grape - Wine	8/16/1999	0.0785	30	1.0
9/20/1999	OM99-0039	Propargite	Grape - Wine	8/20/1999	2.3600	30	1.0
9/20/1999	OM99-0040	Propargite	Grape - Wine	8/20/1999	1.1500	30	1.0
9/20/1999	OM99-0041	Propargite	Grape - Wine	8/20/1999	1.7325	30	1.0
9/20/1999	OM99-0042	Propargite	Grape - Wine	8/20/1999	1.0950	30	1.0
9/20/1999	OM99-0043	Propargite	Grape - Wine	8/20/1999	0.1245	30	1.0
9/20/1999	OM99-0044	Propargite	Grape - Wine	8/20/1999	0.1390	30	1.0
9/20/1999	OM99-0045	Propargite	Grape - Wine	8/20/1999	0.1820	30	1.0
9/20/1999	OM99-0046	Propargite	Grape - Wine	8/20/1999	0.2600	30	1.0
9/22/1999	OM99-0047	Propargite	Grape - Wine	8/22/1999	0.7575	30	1.0
9/22/1999	OM99-0048	Propargite	Grape - Wine	8/22/1999	0.7250	30	1.0
9/22/1999	OM99-0049	Propargite	Grape - Wine	8/22/1999	2.0450	30	1.0
9/22/1999	OM99-0050	Propargite	Grape - Wine	8/22/1999	2.2475	30	1.0
9/22/1999	OM99-0051	Propargite	Grape - Wine	8/22/1999	0.1533	30	1.0
9/22/1999	OM99-0052	Propargite	Grape - Wine	8/22/1999	0.4100	30	1.0
9/23/1999	OM99-0059	Propargite	Grape - Wine	8/23/1999	1.4475	30	1.0
9/23/1999	OM99-0060	Propargite	Grape - Wine	8/23/1999	1.8550	30	1.0
9/23/1999	OM99-0061	Propargite	Grape - Wine	8/23/1999	1.7600	30	1.0
9/23/1999	OM99-0062	Propargite	Grape - Wine	8/23/1999	2.7250	30	1.0
9/23/1999	OM99-0063	Propargite	Grape - Wine	8/23/1999	1.2325	30	1.0
9/23/1999	OM99-0064	Propargite	Grape - Wine	8/23/1999	1.0900	30	1.0
9/26/1999	OM99-0065	Propargite	Grape - Wine	8/26/1999	0.0480	30	1.0
9/26/1999	OM99-0066	Propargite	Grape - Wine	8/26/1999	0.1203	30	1.0
9/26/1999	OM99-0067	Propargite	Grape - Wine	8/26/1999	0.0575	30	1.0
9/26/1999	OM99-0068	Propargite	Grape - Wine	8/26/1999	0.0923	30	1.0
9/26/1999	OM99-0069	Propargite	Grape - Wine	8/26/1999	0.0383	30	1.0
9/26/1999	OM99-0070	Propargite	Grape - Wine	8/26/1999	0.0483	30	1.0
9/26/1999	OM99-0071	Propargite	Grape - Wine	8/26/1999	0.0908	30	1.0
9/26/1999	OM99-0072	Propargite	Grape - Wine	8/26/1999	0.0798	30	1.0
9/26/1999	OM99-0073	Propargite	Grape - Wine	8/26/1999	0.0913	30	1.0
9/26/1999	OM99-0074	Propargite	Grape - Wine	8/26/1999	0.0703	30	1.0
9/26/1999	OM99-0075	Propargite	Grape - Wine	8/26/1999	0.0973	30	1.0

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
9/26/1999	OM99-0076	Propargite	Grape - Wine	8/26/1999	0.0603	30	1.0
9/26/1999	OM99-0077	Propargite	Grape - Wine	8/26/1999	0.1243	30	1.0
9/26/1999	OM99-0078	Propargite	Grape - Wine	8/26/1999	0.1325	30	1.0
9/26/1999	OM99-0079	Propargite	Grape - Wine	8/26/1999	0.1170	30	1.0
9/26/1999	OM99-0080	Propargite	Grape - Wine	8/26/1999	0.0708	30	1.0
9/27/1999	OM99-0081	Propargite	Grape - Wine	8/27/1999	0.0520	30	1.0
9/27/1999	OM99-0082	Propargite	Grape - Wine	8/27/1999	0.0285	30	1.0
9/27/1999	OM99-0083	Propargite	Grape - Wine	8/27/1999	0.0375	30	1.0
9/27/1999	OM99-0084	Propargite	Grape - Wine	8/27/1999	0.0380	30	1.0
9/27/1999	OM99-0085	Propargite	Grape - Wine	8/27/1999	0.0673	30	1.0
9/27/1999	OM99-0086	Propargite	Grape - Wine	8/27/1999	0.0518	30	1.0
9/27/1999	OM99-0087	Propargite	Grape - Wine	8/27/1999	0.0450	30	1.0
9/27/1999	OM99-0088	Propargite	Grape - Wine	8/27/1999	0.0363	30	1.0
9/27/1999	OM99-0089	Propargite	Grape - Wine	8/27/1999	0.0613	30	1.0
9/27/1999	OM99-0090	Propargite	Grape - Wine	8/27/1999	0.0613	30	1.0
9/27/1999	OM99-0091	Propargite	Grape - Wine	8/27/1999	0.0833	30	1.0
9/27/1999	OM99-0092	Propargite	Grape - Wine	8/27/1999	0.0895	30	1.0
9/28/1999	OM99-0093	Propargite	Grape - Wine	8/28/1999	0.0843	30	1.0
9/28/1999	OM99-0094	Propargite	Grape - Wine	8/28/1999	0.0295	30	1.0
9/28/1999	OM99-0095	Propargite	Grape - Wine	8/28/1999	0.0615	30	1.0
9/28/1999	OM99-0096	Propargite	Grape - Wine	8/28/1999	0.1415	30	1.0
9/28/1999	OM99-0097	Propargite	Grape - Wine	8/28/1999	0.0405	30	1.0
9/28/1999	OM99-0098	Propargite	Grape - Wine	8/28/1999	0.0578	30	1.0
9/28/1999	OM99-0099	Propargite	Grape - Wine	8/28/1999	0.0670	30	1.0
9/28/1999	OM99-0100	Propargite	Grape - Wine	8/28/1999	0.0320	30	1.0
9/29/1999	OM99-0105	Propargite	Grape - Wine	8/29/1999	0.0910	30	1.0
9/29/1999	OM99-0106	Propargite	Grape - Wine	8/29/1999	0.1323	30	1.0
9/29/1999	OM99-0107	Propargite	Grape - Wine	8/29/1999	0.0905	30	1.0
9/29/1999	OM99-0108	Propargite	Grape - Wine	8/29/1999	0.0625	30	1.0
9/29/1999	OM99-0109	Propargite	Grape - Wine	8/29/1999	0.0858	30	1.0
9/29/1999	OM99-0110	Propargite	Grape - Wine	8/29/1999	0.1400	30	1.0
9/29/1999	OM99-0111	Propargite	Grape - Wine	8/29/1999	0.0535	30	1.0
9/29/1999	OM99-0112	Propargite	Grape - Wine	8/29/1999	0.0820	30	1.0
9/30/1999	OM99-0113	Propargite	Grape - Wine	8/30/1999	0.2018	30	1.0
9/30/1999	OM99-0114	Propargite	Grape - Wine	8/30/1999	0.0713	30	1.0
9/30/1999	OM99-0115	Propargite	Grape - Wine	8/30/1999	0.1383	30	1.0
9/30/1999	OM99-0116	Propargite	Grape - Wine	8/30/1999	0.0720	30	1.0
9/30/1999	OM99-0117	Propargite	Grape - Wine	8/30/1999	0.1385	30	1.0
9/30/1999	OM99-0118	Propargite	Grape - Wine	8/30/1999	0.1263	30	1.0
9/30/1999	OM99-0119	Propargite	Grape - Wine	8/30/1999	0.1905	30	1.0
9/30/1999	OM99-120	Propargite	Grape - Wine	8/30/1999	0.0935	30	1.0
3/19/2000	Fd00-0002	Endosulfan	Lettuce - Head	3/17/2000	0.5650	2	0.0

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
3/19/2000	Fd00-0003	Endosulfan	Lettuce - Head	3/17/2000	0.4800	2	0.0
3/19/2000	Fd00-0004	Endosulfan	Lettuce - Head	3/17/2000	0.7500	2	0.0
3/19/2000	Fd00-0005	Endosulfan	Lettuce - Head	3/17/2000	0.8225	2	0.0
3/19/2000	Fd00-0006	Endosulfan	Lettuce - Head	3/17/2000	1.3200	2	0.0
3/19/2000	Fd00-0007	Endosulfan	Lettuce - Head	3/17/2000	1.5575	2	0.0
3/19/2000	Fd00-0008	Endosulfan	Lettuce - Head	3/17/2000	1.2775	2	0.0
3/19/2000	Fd00-0009	Endosulfan	Lettuce - Head	3/17/2000	1.5075	2	0.0
3/19/2000	Fd00-0010	Endosulfan	Lettuce - Head	3/17/2000	0.9325	2	0.0
3/19/2000	Fd00-0011	Endosulfan	Lettuce - Head	3/17/2000	0.2155	2	0.0
3/19/2000	Fd00-0012	Endosulfan	Lettuce - Head	3/17/2000	0.7400	2	0.0
3/21/2000	Fd00-0013	Endosulfan	Lettuce - Head	3/19/2000	2.4350	2	0.0
3/21/2000	Fd00-0014	Endosulfan	Lettuce - Head	3/19/2000	2.0050	2	0.0
3/21/2000	Fd00-0015	Endosulfan	Lettuce - Head	3/19/2000	1.8900	2	0.0
3/21/2000	Fd00-0016	Endosulfan	Lettuce - Head	3/19/2000	2.0550	2	0.0
3/21/2000	Fd00-0017	Endosulfan	Lettuce - Head	3/19/2000	2.7000	2	0.0
3/21/2000	Fd00-0018	Endosulfan	Lettuce - Head	3/19/2000	2.2550	2	0.0
3/21/2000	Fd00-0019	Endosulfan	Lettuce - Head	3/19/2000	1.7625	2	0.0
3/21/2000	Fd00-0020	Endosulfan	Lettuce - Head	3/19/2000	2.0500	2	0.0
3/21/2000	Fd00-0021	Endosulfan	Lettuce - Head	3/19/2000	0.0000	2	0.0
3/21/2000	Fd00-0022	Endosulfan	Lettuce - Head	3/19/2000	1.0125	2	0.0
4/3/2000	Fd00-0023	Methomyl	Lettuce - Romaine	3/31/2000	0.0000	2	1.0
4/3/2000	Fd00-0024	Methomyl	Lettuce - Romaine	3/31/2000	0.0000	2	1.0
4/3/2000	Fd00-0025	Methomyl	Lettuce - Romaine	3/31/2000	0.0000	2	1.0
4/3/2000	Fd00-0026	Methomyl	Lettuce - Romaine	3/31/2000	0.0000	2	1.0
4/3/2000	Fd00-0027	Methomyl	Bok Choy	3/31/2000	0.0000	2	1.0
4/3/2000	Fd00-0028	Methomyl	Bok Choy	3/31/2000	0.0000	2	1.0
4/3/2000	Fd00-0029	Methomyl	Bok Choy	3/31/2000	0.0000	2	1.0
4/3/2000	Fd00-0030	Methomyl	Bok Choy	3/31/2000	0.0056	2	1.0
4/4/2000	Fd00-0031	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0032	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0033	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0034	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0035	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0036	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0037	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0038	Methomyl	Cabbage	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0039	Methomyl	Bok Choy	4/1/2000	0.0000	2	1.0
4/4/2000	Fd00-0040	Methomyl	Bok Choy	4/1/2000	0.0027	2	1.0
4/4/2000	Fd00-0041	Methomyl	Bok Choy	4/1/2000	0.0036	2	1.0
4/4/2000	Fd00-0042	Methomyl	Bok Choy	4/1/2000	0.0031	2	1.0
4/9/2000	Fd00-0043	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0
4/9/2000	Fd00-0044	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0

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- Sampling was conducted within 1 day of expiration of the REI. Following night applications of pesticides with an REI of 12 hours, sampling was conducted up to 1.5 days post-REI, since workers would not enter fields until the morning after the REI expired.

Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
4/9/2000	Fd00-0045	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0
4/9/2000	Fd00-0046	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0
4/9/2000	Fd00-0047	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0
4/9/2000	Fd00-0048	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0
4/9/2000	Fd00-0049	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0
4/9/2000	Fd00-0050	Methomyl	Cabbage	4/6/2000	0.0000	2	1.0
4/12/2000	Fd00-0051	Methomyl	Lettuce - Romaine	4/9/2000	1.0675	2	1.0
4/12/2000	Fd00-0052	Methomyl	Lettuce - Romaine	4/9/2000	0.5050	2	1.0
4/12/2000	Fd00-0053	Methomyl	Lettuce - Romaine	4/9/2000	0.8950	2	1.0
4/12/2000	Fd00-0054	Methomyl	Lettuce - Romaine	4/9/2000	0.5875	2	1.0
4/12/2000	Fd00-0055	Methomyl	Lettuce - Romaine	4/9/2000	0.4550	2	1.0
4/12/2000	Fd00-0056	Methomyl	Lettuce - Romaine	4/9/2000	0.3825	2	1.0
4/12/2000	Fd00-0057	Methomyl	Lettuce - Romaine	4/9/2000	0.3500	2	1.0
4/12/2000	Fd00-0058	Methomyl	Lettuce - Romaine	4/9/2000	0.3200	2	1.0
4/12/2000	Fd00-0059	Methomyl	Spinach	4/9/2000	0.0066	2	1.0
4/12/2000	Fd00-0060	Methomyl	Spinach	4/9/2000	0.0000	2	1.0
4/12/2000	Fd00-0061	Methomyl	Spinach	4/9/2000	0.0000	2	1.0
4/12/2000	Fd00-0062	Methomyl	Spinach	4/9/2000	0.0000	2	1.0
4/12/2000	Fd00-0063	Methomyl	Spinach	4/9/2000	0.0000	2	1.0
4/12/2000	Fd00-0064	Methomyl	Spinach	4/9/2000	0.0000	2	1.0
4/12/2000	Fd00-0065	Methomyl	Lettuce - Romaine	4/9/2000	0.2525	2	1.0
4/12/2000	Fd00-0066	Methomyl	Lettuce - Romaine	4/9/2000	0.1363	2	1.0
4/12/2000	Fd00-0067	Methomyl	Lettuce - Romaine	4/9/2000	0.2485	2	1.0
4/12/2000	Fd00-0068	Methomyl	Lettuce - Romaine	4/9/2000	0.1353	2	1.0
4/12/2000	Fd00-0069	Methomyl	Lettuce - Romaine	4/9/2000	0.2333	2	1.0
4/12/2000	Fd00-0070	Methomyl	Lettuce - Romaine	4/9/2000	0.3375	2	1.0
4/13/2000	Fd00-0071	Methomyl	Lettuce - Romaine	4/10/2000	0.2065	2	1.0
4/13/2000	Fd00-0072	Methomyl	Lettuce - Romaine	4/10/2000	0.2625	2	1.0
4/13/2000	Fd00-0073	Methomyl	Lettuce - Romaine	4/10/2000	0.4525	2	1.0
4/13/2000	Fd00-0074	Methomyl	Lettuce - Romaine	4/10/2000	0.3625	2	1.0
4/13/2000	Fd00-0075	Methomyl	Lettuce - Romaine	4/10/2000	0.5200	2	1.0
4/13/2000	Fd00-0076	Methomyl	Lettuce - Romaine	4/10/2000	0.3875	2	1.0
4/13/2000	Fd00-0077	Methomyl	Lettuce - Romaine	4/10/2000	0.5375	2	1.0
4/13/2000	Fd00-0078	Methomyl	Lettuce - Romaine	4/10/2000	0.5975	2	1.0
4/13/2000	Fd00-0079	Methomyl	Lettuce - Romaine	4/10/2000	0.7550	2	1.0
4/13/2000	Fd00-0080	Methomyl	Lettuce - Romaine	4/10/2000	0.6550	2	1.0
4/13/2000	Fd00-0081	Methomyl	Lettuce - Romaine	4/10/2000	0.3850	2	1.0
4/13/2000	Fd00-0082	Methomyl	Lettuce - Romaine	4/10/2000	0.3875	2	1.0
4/13/2000	Fd00-0083	Methomyl	Lettuce - Romaine	4/10/2000	0.2418	2	1.0
4/13/2000	Fd00-0084	Methomyl	Lettuce - Romaine	4/10/2000	0.1055	2	1.0
4/13/2000	Fd00-0085	Methomyl	Lettuce - Butterhead	4/10/2000	0.5225	2	1.0
4/13/2000	Fd00-0086	Methomyl	Lettuce - Butterhead	4/10/2000	0.4225	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
4/13/2000	Fd00-0087	Methomyl	Radicchio	4/10/2000	0.3400	2	1.0
4/13/2000	Fd00-0088	Methomyl	Radicchio	4/10/2000	0.4775	2	1.0
4/13/2000	Fd00-0089	Methomyl	Lettuce - Head	4/10/2000	0.2073	2	1.0
4/13/2000	Fd00-0090	Methomyl	Lettuce - Head	4/10/2000	0.2775	2	1.0
5/3/2000	Fd00-0091	Abamectin	Strawberry	5/2/2000	0.0003	1	0.5
5/3/2000	Fd00-0091	Malathion	Strawberry	5/2/2000	0.5050	1	0.5
5/3/2000	Fd00-0092	Abamectin	Strawberry	5/2/2000	0.0000	1	0.5
5/3/2000	Fd00-0092	Malathion	Strawberry	5/2/2000	0.3075	1	0.5
5/3/2000	Fd00-0093	Abamectin	Strawberry	5/2/2000	0.0002	1	0.5
5/3/2000	Fd00-0093	Malathion	Strawberry	5/2/2000	0.5025	1	0.5
5/3/2000	Fd00-0094	Abamectin	Strawberry	5/2/2000	0.0000	1	0.5
5/3/2000	Fd00-0094	Malathion	Strawberry	5/2/2000	0.2675	1	0.5
5/3/2000	Fd00-0095	Abamectin	Strawberry	5/2/2000	0.0000	1	0.5
5/3/2000	Fd00-0095	Malathion	Strawberry	5/2/2000	0.3000	1	0.5
5/3/2000	Fd00-0096	Abamectin	Strawberry	5/2/2000	0.0005	1	0.5
5/3/2000	Fd00-0096	Malathion	Strawberry	5/2/2000	0.6175	1	0.5
5/3/2000	Fd00-0097	Abamectin	Strawberry	5/2/2000	0.0005	1	0.5
5/3/2000	Fd00-0097	Malathion	Strawberry	5/2/2000	0.6425	1	0.5
5/3/2000	Fd00-0098	Abamectin	Strawberry	5/2/2000	0.0004	1	0.5
5/3/2000	Fd00-0098	Malathion	Strawberry	5/2/2000	0.3325	1	0.5
5/3/2000	Fd00-0099	Abamectin	Strawberry	5/2/2000	0.0002	1	0.5
5/3/2000	Fd00-0099	Malathion	Strawberry	5/2/2000	0.2250	1	0.5
5/3/2000	Fd00-0100	Abamectin	Strawberry	5/2/2000	0.0002	1	0.5
5/3/2000	Fd00-0100	Malathion	Strawberry	5/2/2000	0.2108	1	0.5
5/3/2000	Fd00-0101	Iprodione	Strawberry	5/1/2000	0.8925	1	1.0
5/3/2000	Fd00-0101	Sulfur	Strawberry	5/1/2000	0.6525	1	1.0
5/3/2000	Fd00-0102	Iprodione	Strawberry	5/1/2000	0.3000	1	1.0
5/3/2000	Fd00-0102	Sulfur	Strawberry	5/1/2000	0.7975	1	1.0
5/3/2000	Fd00-0103	Iprodione	Strawberry	5/1/2000	0.3100	1	1.0
5/3/2000	Fd00-0103	Sulfur	Strawberry	5/1/2000	1.3075	1	1.0
5/3/2000	Fd00-0104	Iprodione	Strawberry	5/1/2000	0.2050	1	1.0
5/3/2000	Fd00-0104	Sulfur	Strawberry	5/1/2000	1.0350	1	1.0
5/4/2000	Fd00-0105	Iprodione	Strawberry	5/2/2000	0.7900	1	1.0
5/4/2000	Fd00-0105	Sulfur	Strawberry	5/2/2000	2.3425	1	1.0
5/4/2000	Fd00-0106	Iprodione	Strawberry	5/2/2000	0.6850	1	1.0
5/4/2000	Fd00-0106	Sulfur	Strawberry	5/2/2000	2.4350	1	1.0
5/4/2000	Fd00-0107	Iprodione	Strawberry	5/2/2000	0.2490	1	1.0
5/4/2000	Fd00-0107	Sulfur	Strawberry	5/2/2000	4.3325	1	1.0
5/4/2000	Fd00-0108	Iprodione	Strawberry	5/2/2000	0.2490	1	1.0
5/4/2000	Fd00-0108	Sulfur	Strawberry	5/2/2000	3.2950	1	1.0
5/4/2000	Fd00-0109	Iprodione	Strawberry	5/2/2000	0.3200	1	1.0
5/4/2000	Fd00-0109	Sulfur	Strawberry	5/2/2000	6.5075	1	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
5/4/2000	Fd00-0110	Iprodione	Strawberry	5/2/2000	0.1213	1	1.0
5/4/2000	Fd00-0110	Sulfur	Strawberry	5/2/2000	4.9500	1	1.0
5/4/2000	Fd00-0111	Iprodione	Strawberry	5/2/2000	0.1670	1	1.0
5/4/2000	Fd00-0111	Sulfur	Strawberry	5/2/2000	4.6800	1	1.0
5/4/2000	Fd00-0112	Iprodione	Strawberry	5/2/2000	0.2800	1	1.0
5/4/2000	Fd00-0112	Sulfur	Strawberry	5/2/2000	5.4850	1	1.0
5/4/2000	Fd00-0113	Iprodione	Strawberry	5/2/2000	0.5000	1	1.0
5/4/2000	Fd00-0113	Sulfur	Strawberry	5/2/2000	0.2600	1	1.0
5/4/2000	Fd00-0114	Iprodione	Strawberry	5/2/2000	0.6200	1	1.0
5/4/2000	Fd00-0114	Sulfur	Strawberry	5/2/2000	0.0375	1	1.0
5/4/2000	Fd00-0115	Iprodione	Strawberry	5/2/2000	0.6325	1	1.0
5/4/2000	Fd00-0115	Sulfur	Strawberry	5/2/2000	0.0155	1	1.0
5/4/2000	Fd00-0116	Iprodione	Strawberry	5/2/2000	0.6700	1	1.0
5/4/2000	Fd00-0116	Sulfur	Strawberry	5/2/2000	0.0000	1	1.0
5/5/2000	Fd00-0117	Captan	Strawberry	5/1/2000	2.5125	4	0.0
5/5/2000	Fd00-0118	Captan	Strawberry	5/1/2000	2.6500	4	0.0
5/5/2000	Fd00-0119	Captan	Strawberry	5/1/2000	3.5775	4	0.0
5/5/2000	Fd00-0120	Captan	Strawberry	5/1/2000	2.8650	4	0.0
5/5/2000	Fd00-0121	Captan	Strawberry	5/1/2000	4.5050	4	0.0
5/5/2000	Fd00-0122	Captan	Strawberry	5/1/2000	3.4150	4	0.0
6/13/2000	Fd00-0135	Carbaryl	Orange	6/12/2000	4.7250	1	0.5
6/13/2000	Fd00-0136	Carbaryl	Orange	6/12/2000	3.6250	1	0.5
6/13/2000	Fd00-0137	Carbaryl	Orange	6/12/2000	3.9250	1	0.5
6/13/2000	Fd00-0138	Carbaryl	Orange	6/12/2000	3.3250	1	0.5
6/13/2000	Fd00-0139	Carbaryl	Orange	6/12/2000	4.1000	1	0.5
6/13/2000	Fd00-0140	Carbaryl	Orange	6/12/2000	3.1000	1	0.5
6/13/2000	Fd00-0141	Carbaryl	Orange	6/12/2000	3.2500	1	0.5
6/13/2000	Fd00-0142	Carbaryl	Orange	6/12/2000	2.1200	1	0.5
6/15/2000	Fd00-0161	Carbaryl	Orange	6/14/2000	0.0000	1	0.5
6/15/2000	Fd00-0162	Carbaryl	Orange	6/14/2000	0.0000	1	0.5
6/15/2000	Fd00-0163	Carbaryl	Orange	6/14/2000	0.0029	1	0.5
6/15/2000	Fd00-0164	Carbaryl	Orange	6/14/2000	0.0013	1	0.5
6/15/2000	Fd00-0165	Methyl Parathion	Walnuts	6/12/2000	2.7750	2	1.0
6/15/2000	Fd00-0166	Methyl Parathion	Walnuts	6/12/2000	2.7500	2	1.0
6/15/2000	Fd00-0167	Methyl Parathion	Walnuts	6/12/2000	2.0800	2	1.0
6/15/2000	Fd00-0168	Methyl Parathion	Walnuts	6/12/2000	2.3400	2	1.0
6/15/2000	Fd00-0169	Methyl Parathion	Walnuts	6/12/2000	2.8500	2	1.0
6/15/2000	Fd00-0170	Methyl Parathion	Walnuts	6/12/2000	2.5750	2	1.0
6/15/2000	Fd00-0171	Methyl Parathion	Walnuts	6/12/2000	0.7525	2	1.0
6/15/2000	Fd00-0172	Methyl Parathion	Walnuts	6/12/2000	1.8800	2	1.0
6/22/2000	Fd00-0173	Azinphosmethyl	Quince	6/7/2000	1.7250	14	1.0
6/22/2000	Fd00-0174	Azinphosmethyl	Quince	6/7/2000	1.9750	14	1.0

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
6/22/2000	Fd00-0175	Azinphosmethyl	Quince	6/7/2000	1.3700	14	1.0
6/22/2000	Fd00-0176	Azinphosmethyl	Quince	6/7/2000	1.3375	14	1.0
6/22/2000	Fd00-0177	Azinphosmethyl	Pomegranates	6/7/2000	2.4632	14	1.0
6/22/2000	Fd00-0178	Azinphosmethyl	Pomegranates	6/7/2000	2.0773	14	1.0
6/22/2000	Fd00-0179	Azinphosmethyl	Pomegranates	6/7/2000	2.6202	14	1.0
6/22/2000	Fd00-0180	Azinphosmethyl	Pomegranates	6/7/2000	2.4949	14	1.0
6/22/2000	Fd00-0181	Azinphosmethyl	Apple	6/7/2000	0.9550	14	1.0
6/22/2000	Fd00-0182	Azinphosmethyl	Apple	6/7/2000	0.9525	14	1.0
6/22/2000	Fd00-0183	Azinphosmethyl	Apple	6/7/2000	0.9150	14	1.0
6/22/2000	Fd00-0184	Azinphosmethyl	Apple	6/7/2000	1.0025	14	1.0
8/7/2000	Fd00-0201	Methomyl	Corn - Fresh	8/4/2000	0.0908	2	1.0
8/7/2000	Fd00-0202	Methomyl	Corn - Fresh	8/4/2000	0.0878	2	1.0
8/7/2000	Fd00-0203	Methomyl	Corn - Fresh	8/4/2000	0.0673	2	1.0
8/7/2000	Fd00-0204	Methomyl	Corn - Fresh	8/4/2000	0.0665	2	1.0
8/7/2000	Fd00-0205	Methomyl	Corn - Fresh	8/4/2000	0.0308	2	1.0
8/7/2000	Fd00-0206	Methomyl	Corn - Fresh	8/4/2000	0.0201	2	1.0
8/7/2000	Fd00-0207	Methomyl	Corn -Seed	8/4/2000	0.0000	2	1.0
8/7/2000	Fd00-0208	Methomyl	Corn -Seed	8/4/2000	0.0093	2	1.0
8/7/2000	Fd00-0209	Methomyl	Corn -Seed	8/4/2000	0.0000	2	1.0
8/7/2000	Fd00-0210	Methomyl	Corn -Seed	8/4/2000	0.0000	2	1.0
8/8/2000	Fd00-0211	Sulfur	Strawberry	8/6/2000	8.7200	1	1.0
8/8/2000	Fd00-0212	Sulfur	Strawberry	8/6/2000	15.8550	1	1.0
8/8/2000	Fd00-0213	Sulfur	Strawberry	8/6/2000	14.9325	1	1.0
8/8/2000	Fd00-0214	Sulfur	Strawberry	8/6/2000	13.6225	1	1.0
8/8/2000	Fd00-0215	Sulfur	Strawberry	8/6/2000	16.3700	1	1.0
8/8/2000	Fd00-0216	Sulfur	Strawberry	8/6/2000	10.8875	1	1.0
8/21/2000	Fd00-0217	Endosulfan	Tomato	8/18/2000	0.7175	2	1.0
8/21/2000	Fd00-0217	Methomyl	Tomato	8/18/2000	0.3050	2	1.0
8/21/2000	Fd00-0218	Endosulfan	Tomato	8/18/2000	0.6475	2	1.0
8/21/2000	Fd00-0218	Methomyl	Tomato	8/18/2000	0.2825	2	1.0
8/21/2000	Fd00-0219	Endosulfan	Tomato	8/18/2000	0.8000	2	1.0
8/21/2000	Fd00-0219	Methomyl	Tomato	8/18/2000	0.1908	2	1.0
8/21/2000	Fd00-0220	Endosulfan	Tomato	8/18/2000	0.7125	2	1.0
8/21/2000	Fd00-0220	Methomyl	Tomato	8/18/2000	0.3225	2	1.0
8/21/2000	Fd00-0221	Endosulfan	Tomato	8/18/2000	0.1960	2	1.0
8/21/2000	Fd00-0221	Methomyl	Tomato	8/18/2000	0.0285	2	1.0
8/21/2000	Fd00-0222	Endosulfan	Tomato	8/18/2000	0.1383	2	1.0
8/21/2000	Fd00-0222	Methomyl	Tomato	8/18/2000	0.0169	2	1.0
8/21/2000	Fd00-0223	Endosulfan	Tomato	8/18/2000	0.2975	2	1.0
8/21/2000	Fd00-0223	Methomyl	Tomato	8/18/2000	0.0235	2	1.0
8/21/2000	Fd00-0224	Endosulfan	Tomato	8/18/2000	0.2700	2	1.0
8/21/2000	Fd00-0224	Methomyl	Tomato	8/18/2000	0.0328	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
10/2/2000	Fd00-0225	Endosulfan	Lettuce - Leaf	9/29/2000	0.1340	2	1.0
10/2/2000	Fd00-0225	Methomyl	Lettuce - Leaf	9/29/2000	0.1678	2	1.0
10/2/2000	Fd00-0226	Endosulfan	Lettuce - Leaf	9/29/2000	0.0885	2	1.0
10/2/2000	Fd00-0226	Methomyl	Lettuce - Leaf	9/29/2000	0.1463	2	1.0
10/2/2000	Fd00-0227	Endosulfan	Lettuce - Leaf	9/29/2000	0.2465	2	1.0
10/2/2000	Fd00-0227	Methomyl	Lettuce - Leaf	9/29/2000	0.1883	2	1.0
10/2/2000	Fd00-0228	Endosulfan	Lettuce - Leaf	9/29/2000	0.1350	2	1.0
10/2/2000	Fd00-0228	Methomyl	Lettuce - Leaf	9/29/2000	0.1508	2	1.0
10/2/2000	Fd00-0229	Endosulfan	Lettuce - Leaf	9/29/2000	0.1473	2	1.0
10/2/2000	Fd00-0229	Methomyl	Lettuce - Leaf	9/29/2000	0.1315	2	1.0
10/2/2000	Fd00-0230	Endosulfan	Lettuce - Leaf	9/29/2000	0.2198	2	1.0
10/2/2000	Fd00-0230	Methomyl	Lettuce - Leaf	9/29/2000	0.2143	2	1.0
10/2/2000	Fd00-0231	Endosulfan	Lettuce - Leaf	9/29/2000	0.1418	2	1.0
10/2/2000	Fd00-0231	Methomyl	Lettuce - Leaf	9/29/2000	0.3425	2	1.0
10/2/2000	Fd00-0232	Endosulfan	Lettuce - Leaf	9/29/2000	0.1098	2	1.0
10/2/2000	Fd00-0232	Methomyl	Lettuce - Leaf	9/29/2000	0.3250	2	1.0
10/2/2000	Fd00-0233	Endosulfan	Lettuce - Leaf	9/29/2000	0.1340	2	1.0
10/2/2000	Fd00-0233	Methomyl	Lettuce - Leaf	9/29/2000	0.2550	2	1.0
10/2/2000	Fd00-0234	Endosulfan	Lettuce - Leaf	9/29/2000	0.0403	2	1.0
10/2/2000	Fd00-0234	Methomyl	Lettuce - Leaf	9/29/2000	0.3650	2	1.0
10/2/2000	Fd00-0235	Methomyl	Lettuce - Head	9/29/2000	2.0900	2	1.0
10/2/2000	Fd00-0236	Methomyl	Lettuce - Head	9/29/2000	3.8375	2	1.0
10/2/2000	Fd00-0237	Methomyl	Lettuce - Head	9/29/2000	0.9600	2	1.0
10/2/2000	Fd00-0238	Methomyl	Lettuce - Head	9/29/2000	0.6025	2	1.0
10/2/2000	Fd00-0239	Methomyl	Lettuce - Head	9/29/2000	0.9775	2	1.0
10/2/2000	Fd00-0240	Methomyl	Lettuce - Head	9/29/2000	0.5550	2	1.0
10/2/2000	Fd00-0241	Methomyl	Lettuce - Head	9/29/2000	0.8825	2	1.0
10/2/2000	Fd00-0242	Methomyl	Lettuce - Head	9/29/2000	0.7550	2	1.0
10/3/2000	Fd00-0243	Endosulfan	Lettuce - Head	9/30/2000	0.0630	2	1.0
10/3/2000	Fd00-0243	Methomyl	Lettuce - Head	9/30/2000	0.1708	2	1.0
10/3/2000	Fd00-0244	Endosulfan	Lettuce - Head	9/30/2000	0.0895	2	1.0
10/3/2000	Fd00-0244	Methomyl	Lettuce - Head	9/30/2000	0.2875	2	1.0
10/3/2000	Fd00-0245	Endosulfan	Lettuce - Head	9/30/2000	0.1035	2	1.0
10/3/2000	Fd00-0245	Methomyl	Lettuce - Head	9/30/2000	0.2775	2	1.0
10/3/2000	Fd00-0246	Endosulfan	Lettuce - Head	9/30/2000	0.0778	2	1.0
10/3/2000	Fd00-0246	Methomyl	Lettuce - Head	9/30/2000	0.2550	2	1.0
10/3/2000	Fd00-0247	Methomyl	Lettuce - Head	9/30/2000	2.7125	2	1.0
10/3/2000	Fd00-0248	Methomyl	Lettuce - Head	9/30/2000	2.6950	2	1.0
10/3/2000	Fd00-0249	Methomyl	Lettuce - Head	9/30/2000	2.3050	2	1.0
10/3/2000	Fd00-0250	Methomyl	Lettuce - Head	9/30/2000	1.5100	2	1.0
10/3/2000	Fd00-0251	Methomyl	Lettuce - Head	9/30/2000	2.2225	2	1.0
10/3/2000	Fd00-0252	Methomyl	Lettuce - Head	9/30/2000	1.8375	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
10/3/2000	Fd00-0253	Endosulfan	Lettuce - Head	9/30/2000	0.7500	2	1.0
10/3/2000	Fd00-0253	Methomyl	Lettuce - Head	9/30/2000	0.8400	2	1.0
10/3/2000	Fd00-0254	Endosulfan	Lettuce - Head	9/30/2000	0.4775	2	1.0
10/3/2000	Fd00-0254	Methomyl	Lettuce - Head	9/30/2000	0.6700	2	1.0
10/3/2000	Fd00-0255	Endosulfan	Lettuce - Head	9/30/2000	0.1653	2	1.0
10/3/2000	Fd00-0255	Methomyl	Lettuce - Head	9/30/2000	0.3100	2	1.0
10/3/2000	Fd00-0256	Endosulfan	Lettuce - Head	9/30/2000	0.2525	2	1.0
10/3/2000	Fd00-0256	Methomyl	Lettuce - Head	9/30/2000	0.2725	2	1.0
10/3/2000	Fd00-0257	Endosulfan	Lettuce - Head	9/30/2000	0.9850	2	1.0
10/3/2000	Fd00-0257	Methomyl	Lettuce - Head	9/30/2000	0.7100	2	1.0
10/3/2000	Fd00-0258	Endosulfan	Lettuce - Head	9/30/2000	0.7725	2	1.0
10/3/2000	Fd00-0258	Methomyl	Lettuce - Head	9/30/2000	0.6350	2	1.0
10/4/2000	Fd00-0259	Carbaryl	Orange	10/2/2000	0.0165	1	1.5
10/4/2000	Fd00-0260	Carbaryl	Orange	10/2/2000	0.0160	1	1.5
10/4/2000	Fd00-0261	Carbaryl	Orange	10/2/2000	0.0122	1	1.5
10/4/2000	Fd00-0262	Carbaryl	Orange	10/2/2000	0.0268	1	1.5
10/4/2000	Fd00-0263	Carbaryl	Orange	10/2/2000	0.0162	1	1.5
10/4/2000	Fd00-0264	Carbaryl	Orange	10/2/2000	0.0164	1	1.5
10/4/2000	Fd00-0265	Carbaryl	Grape - Table	10/2/2000	0.0067	1	1.5
10/4/2000	Fd00-0266	Carbaryl	Grape - Table	10/2/2000	0.0033	1	1.5
10/4/2000	Fd00-0267	Carbaryl	Grape - Table	10/2/2000	0.0000	1	1.5
10/4/2000	Fd00-0268	Carbaryl	Grape - Table	10/2/2000	0.0000	1	1.5
10/4/2000	Fd00-0269	Carbaryl	Grape - Table	10/2/2000	3.0900	1	1.5
10/4/2000	Fd00-0270	Carbaryl	Grape - Table	10/2/2000	1.9975	1	1.5
10/4/2000	Fd00-0271	Endosulfan	Broccoli	10/2/2000	0.0195	2	0.0
10/4/2000	Fd00-0272	Endosulfan	Broccoli	10/2/2000	0.0084	2	0.0
10/4/2000	Fd00-0273	Endosulfan	Broccoli	10/2/2000	0.0089	2	0.0
10/4/2000	Fd00-0274	Endosulfan	Broccoli	10/2/2000	0.0151	2	0.0
10/4/2000	Fd00-0275	Endosulfan	Broccoli	10/2/2000	0.0134	2	0.0
10/4/2000	Fd00-0276	Endosulfan	Broccoli	10/2/2000	0.0201	2	0.0
10/5/2000	Fd00-0277	Methomyl	Lettuce - Head	10/2/2000	0.3225	2	1.0
10/5/2000	Fd00-0278	Methomyl	Lettuce - Head	10/2/2000	0.3200	2	1.0
10/5/2000	Fd00-0279	Methomyl	Lettuce - Head	10/2/2000	0.2043	2	1.0
10/5/2000	Fd00-0280	Methomyl	Lettuce - Head	10/2/2000	0.1453	2	1.0
10/5/2000	Fd00-0281	Methomyl	Lettuce - Head	10/2/2000	0.2293	2	1.0
10/5/2000	Fd00-0282	Methomyl	Lettuce - Head	10/2/2000	0.1763	2	1.0
10/5/2000	Fd00-0283	Methomyl	Lettuce - Head	10/2/2000	0.3225	2	1.0
10/5/2000	Fd00-0284	Methomyl	Lettuce - Head	10/2/2000	0.2318	2	1.0
3/5/2001	Fd01-1512	Chlorpyrifos	Alfalfa	3/3/2001	0.0000	1	1.0
3/5/2001	Fd01-1513	Chlorpyrifos	Alfalfa	3/3/2001	0.0000	1	1.0
3/5/2001	Fd01-1514	Chlorpyrifos	Alfalfa	3/3/2001	0.0000	1	1.0
3/5/2001	Fd01-1515	Chlorpyrifos	Alfalfa	3/3/2001	0.0000	1	1.0

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
3/12/2001	Fd01-1516	Carbofuran	Alfalfa	3/9/2001	0.1926	2	1.0
3/12/2001	Fd01-1517	Carbofuran	Alfalfa	3/9/2001	0.3380	2	1.0
3/12/2001	Fd01-1518	Carbofuran	Alfalfa	3/9/2001	0.2340	2	1.0
3/12/2001	Fd01-1519	Carbofuran	Alfalfa	3/9/2001	0.3372	2	1.0
3/12/2001	Fd01-1520	Carbofuran	Alfalfa	3/9/2001	0.2871	2	1.0
3/12/2001	Fd01-1521	Carbofuran	Alfalfa	3/9/2001	0.2408	2	1.0
3/12/2001	Fd01-1522	Methomyl	Lettuce - Butterhead	3/9/2001	0.1728	2	1.0
3/12/2001	Fd01-1524	Methomyl	Lettuce - Butterhead	3/9/2001	0.1373	2	1.0
3/12/2001	Fd01-1525	Methomyl	Lettuce - Butterhead	3/9/2001	0.1345	2	1.0
3/12/2001	Fd01-1526	Carbofuran	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1526	Dimethoate	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1527	Carbofuran	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1527	Dimethoate	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1528	Carbofuran	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1528	Dimethoate	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1529	Carbofuran	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1529	Dimethoate	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1530	Carbofuran	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1530	Dimethoate	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1531	Carbofuran	Alfalfa	3/9/2001	0.0000	2	1.0
3/12/2001	Fd01-1531	Dimethoate	Alfalfa	3/9/2001	0.0000	2	1.0
3/13/2001	Fd01-1532	Carbofuran	Alfalfa	3/10/2001	0.9108	2	1.0
3/13/2001	Fd01-1533	Carbofuran	Alfalfa	3/10/2001	1.4236	2	1.0
3/13/2001	Fd01-1534	Carbofuran	Alfalfa	3/10/2001	0.7889	2	1.0
3/13/2001	Fd01-1535	Carbofuran	Alfalfa	3/10/2001	1.5766	2	1.0
3/13/2001	Fd01-1536	Carbofuran	Alfalfa	3/10/2001	1.3956	2	1.0
3/13/2001	Fd01-1537	Carbofuran	Alfalfa	3/10/2001	1.1867	2	1.0
3/13/2001	Fd01-1538	Methomyl	Lettuce - Head	3/10/2001	0.0610	2	1.0
3/13/2001	Fd01-1539	Methomyl	Lettuce - Head	3/10/2001	0.0533	2	1.0
3/13/2001	Fd01-1540	Methomyl	Lettuce - Head	3/10/2001	0.0000	2	1.0
3/13/2001	Fd01-1541	Methomyl	Lettuce - Head	3/10/2001	0.0000	2	1.0
3/13/2001	Fd01-1542	Methomyl	Lettuce - Head	3/10/2001	0.0000	2	1.0
3/13/2001	Fd01-1543	Methomyl	Lettuce - Head	3/10/2001	0.0000	2	1.0
3/14/2001	Fd01-1544	Methomyl	Lettuce - Romaine	3/11/2001	0.6875	2	1.0
3/14/2001	Fd01-1545	Methomyl	Lettuce - Romaine	3/11/2001	0.7800	2	1.0
3/14/2001	Fd01-1546	Methomyl	Lettuce - Romaine	3/11/2001	0.6925	2	1.0
3/14/2001	Fd01-1547	Methomyl	Lettuce - Romaine	3/11/2001	0.7375	2	1.0
3/14/2001	Fd01-1548	Methomyl	Lettuce - Romaine	3/11/2001	0.7825	2	1.0
3/14/2001	Fd01-1549	Methomyl	Lettuce - Romaine	3/11/2001	0.8625	2	1.0
3/15/2001	Fd01-1550	Carbofuran	Alfalfa	3/12/2001	0.1721	2	1.0

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
3/15/2001	Fd01-1550	Dimethoate	Alfalfa	3/12/2001	0.0260	2	1.0
3/15/2001	Fd01-1551	Carbofuran	Alfalfa	3/12/2001	0.1803	2	1.0
3/15/2001	Fd01-1551	Dimethoate	Alfalfa	3/12/2001	0.0284	2	1.0
3/15/2001	Fd01-1552	Carbofuran	Alfalfa	3/12/2001	0.2325	2	1.0
3/15/2001	Fd01-1552	Dimethoate	Alfalfa	3/12/2001	0.0239	2	1.0
3/15/2001	Fd01-1553	Carbofuran	Alfalfa	3/12/2001	0.2230	2	1.0
3/15/2001	Fd01-1553	Dimethoate	Alfalfa	3/12/2001	0.0338	2	1.0
3/15/2001	FD01-1554	Carbofuran	Alfalfa	3/12/2001	0.0000	2	1.0
3/15/2001	FD01-1554	Dimethoate	Alfalfa	3/12/2001	0.0000	2	1.0
3/15/2001	Fd01-1555	Carbofuran	Alfalfa	3/12/2001	0.2242	2	1.0
3/15/2001	Fd01-1555	Dimethoate	Alfalfa	3/12/2001	0.0531	2	1.0
3/15/2001	Fd01-1556	Carbofuran	Alfalfa	3/12/2001	0.1807	2	1.0
3/15/2001	Fd01-1556	Dimethoate	Alfalfa	3/12/2001	0.0283	2	1.0
3/15/2001	Fd01-1557	Carbofuran	Alfalfa	3/12/2001	0.1881	2	1.0
3/15/2001	Fd01-1557	Dimethoate	Alfalfa	3/12/2001	0.0276	2	1.0
3/15/2001	Fd01-1558	Carbofuran	Alfalfa	3/12/2001	0.1639	2	1.0
3/15/2001	Fd01-1558	Dimethoate	Alfalfa	3/12/2001	0.0298	2	1.0
3/15/2001	Fd01-1559	Carbofuran	Alfalfa	3/12/2001	0.2273	2	1.0
3/15/2001	Fd01-1559	Dimethoate	Alfalfa	3/12/2001	0.0425	2	1.0
3/19/2001	Fd01-1560	Methamidophos	Potato	3/16/2001	0.9875	3	0.0
3/19/2001	Fd01-1561	Methamidophos	Potato	3/16/2001	0.0095	3	0.0
3/19/2001	Fd01-1562	Methamidophos	Potato	3/16/2001	0.4775	3	0.0
3/19/2001	Fd01-1563	Methamidophos	Potato	3/16/2001	0.5775	3	0.0
3/19/2001	Fd01-1564	Methamidophos	Potato	3/16/2001	0.5300	3	0.0
3/19/2001	Fd01-1565	Methamidophos	Potato	3/16/2001	0.2725	3	0.0
3/19/2001	Fd01-1566	Methamidophos	Potato	3/16/2001	0.1030	3	0.0
3/19/2001	Fd01-1567	Methamidophos	Potato	3/16/2001	0.0625	3	0.0
3/19/2001	Fd01-1568	Methamidophos	Potato	3/16/2001	0.1203	3	0.0
3/19/2001	Fd01-1569	Methamidophos	Potato	3/16/2001	0.0580	3	0.0
3/20/2001	Fd01-1570	Methamidophos	Potato	3/17/2001	0.0723	3	0.0
3/20/2001	Fd01-1571	Methamidophos	Potato	3/17/2001	0.2300	3	0.0
3/20/2001	Fd01-1572	Sulfur	Grape - Wine	3/18/2001	2.7175	1	1.0
3/20/2001	Fd01-1573	Sulfur	Grape - Wine	3/18/2001	3.2500	1	1.0
3/20/2001	Fd01-1574	Sulfur	Grape - Raisin	3/18/2001	2.9300	1	1.0
3/20/2001	Fd01-1575	Sulfur	Grape - Wine	3/18/2001	2.7150	1	1.0
3/20/2001	Fd01-1576	Sulfur	Grape - Wine	3/18/2001	3.3275	1	1.0
3/20/2001	Fd01-1577	Sulfur	Grape - Wine	3/18/2001	3.6500	1	1.0
3/20/2001	Fd01-1578	Methomyl	String Beans - Fresh	3/17/2001	0.0618	2	1.0
3/20/2001	Fd01-1579	Methomyl	String Beans - Fresh	3/17/2001	0.0250	2	1.0
3/20/2001	Fd01-1580	Methomyl	String Beans - Fresh	3/17/2001	0.0753	2	1.0
3/20/2001	Fd01-1581	Methomyl	String Beans - Fresh	3/17/2001	0.0445	2	1.0
3/21/2001	Fd01-1590	Sulfur	Grape - Wine	3/19/2001	2.1150	1	1.0

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Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
3/21/2001	Fd01-1591	Sulfur	Grape - Wine	3/19/2001	1.4875	1	1.0
3/21/2001	Fd01-1592	Sulfur	Grape - Wine	3/19/2001	1.4375	1	1.0
3/21/2001	Fd01-1593	Sulfur	Grape - Wine	3/19/2001	1.7275	1	1.0
3/21/2001	Fd01-1594	Sulfur	Grape - Wine	3/19/2001	2.0725	1	1.0
3/21/2001	Fd01-1595	Sulfur	Grape - Wine	3/19/2001	2.0725	1	1.0
3/21/2001	Fd01-1596	Sulfur	Grape - Wine	3/19/2001	1.4950	1	1.0
3/21/2001	Fd01-1597	Sulfur	Grape - Wine	3/19/2001	1.7025	1	1.0
3/22/2001	Fd01-1598	Sulfur	Grape - Wine	3/20/2001	1.4000	1	1.0
3/22/2001	Fd01-1599	Sulfur	Grape - Wine	3/20/2001	1.7100	1	1.0
3/22/2001	Fd01-1600	Sulfur	Grape - Wine	3/20/2001	1.9925	1	1.0
3/22/2001	Fd01-1601	Sulfur	Grape - Wine	3/20/2001	2.0775	1	1.0
3/22/2001	Fd01-1602	Sulfur	Grape - Wine	3/20/2001	1.2250	1	1.0
3/22/2001	Fd01-1603	Sulfur	Grape - Wine	3/20/2001	1.3350	1	1.0
3/22/2001	Fd01-1604	Sulfur	Grape - Wine	3/20/2001	1.5375	1	1.0
3/22/2001	Fd01-1605	Sulfur	Grape - Wine	3/20/2001	1.9450	1	1.0
3/25/2001	Fd01-1606	Endosulfan	Lettuce - Head	3/23/2001	1.3450	2	0.0
3/25/2001	Fd01-1607	Endosulfan	Lettuce - Head	3/23/2001	1.2825	2	0.0
3/25/2001	Fd01-1608	Endosulfan	Lettuce - Head	3/23/2001	1.2975	2	0.0
3/25/2001	Fd01-1609	Endosulfan	Lettuce - Head	3/23/2001	0.7475	2	0.0
3/25/2001	Fd01-1610	Endosulfan	Lettuce - Head	3/23/2001	0.5125	2	0.0
3/25/2001	Fd01-1611	Endosulfan	Lettuce - Head	3/23/2001	1.6400	2	0.0
3/25/2001	Fd01-1612	Endosulfan	Lettuce - Head	3/23/2001	1.4825	2	0.0
3/25/2001	Fd01-1613	Endosulfan	Lettuce - Head	3/23/2001	1.3400	2	0.0
3/25/2001	Fd01-1614	Endosulfan	Lettuce - Head	3/23/2001	1.0700	2	0.0
3/25/2001	Fd01-1615	Endosulfan	Lettuce - Head	3/23/2001	1.1500	2	0.0
5/7/2001	Fd01-1616	Iprodione	Strawberry	5/6/2001	1.2250	1	0.0
5/7/2001	Fd01-1617	Iprodione	Strawberry	5/6/2001	0.7750	1	0.0
5/7/2001	Fd01-1618	Iprodione	Strawberry	5/6/2001	1.7975	1	0.0
5/7/2001	Fd01-1619	Iprodione	Strawberry	5/6/2001	1.5400	1	0.0
5/7/2001	Fd01-1620	Iprodione	Strawberry	5/6/2001	1.2400	1	0.0
5/7/2001	Fd01-1621	Iprodione	Strawberry	5/6/2001	1.3175	1	0.0
5/7/2001	Fd01-1622	Iprodione	Strawberry	5/6/2001	1.0275	1	0.0
5/7/2001	Fd01-1623	Iprodione	Strawberry	5/6/2001	0.7500	1	0.0
5/7/2001	Fd01-1624	Iprodione	Strawberry	5/6/2001	0.9000	1	0.0
5/7/2001	Fd01-1625	Iprodione	Strawberry	5/6/2001	4.7825	1	0.0
5/7/2001	Fd01-1626	Iprodione	Strawberry	5/6/2001	3.6350	1	0.0
5/7/2001	Fd01-1627	Iprodione	Strawberry	5/6/2001	1.4075	1	0.0
5/9/2001	Fd01-1628	Permethrin	Celery	5/7/2001	0.0588	1	1.5
5/9/2001	Fd01-1629	Permethrin	Celery	5/7/2001	0.0588	1	1.5
5/9/2001	Fd01-1630	Permethrin	Celery	5/7/2001	0.0698	1	1.5
5/9/2001	Fd01-1631	Permethrin	Celery	5/7/2001	0.0528	1	1.5
5/9/2001	Fd01-1632	Permethrin	Celery	5/7/2001	0.0515	1	1.5

- 1 DFRs reported as 0 were below the limit of quantitation (LOQ), which ranged from 0.005 – 0.03 $\mu\text{g}/\text{cm}^2$ for all pesticides except abamectin. LOQ for abamectin was 0.0002 $\mu\text{g}/\text{cm}^2$.
- 2 Sampling was conducted within 1 day of expiration of the REI. Following night applications of pesticides with an REI of 12 hours, sampling was conducted up to 1.5 days post-REI, since workers would not enter fields until the morning after the REI expired.

Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
5/9/2001	Fd01-1633	Permethrin	Celery	5/7/2001	0.0533	1	1.5
5/9/2001	Fd01-1634	Permethrin	Celery	5/7/2001	0.0525	1	1.5
5/9/2001	Fd01-1635	Permethrin	Celery	5/7/2001	0.0483	1	1.5
5/10/2001	Fd01-1636	Dimethoate	Broccoli	5/7/2001	0.0160	2	1.0
5/10/2001	Fd01-1637	Dimethoate	Broccoli	5/7/2001	0.0157	2	1.0
5/10/2001	Fd01-1638	Dimethoate	Broccoli	5/7/2001	0.0133	2	1.0
5/10/2001	Fd01-1639	Dimethoate	Broccoli	5/7/2001	0.0188	2	1.0
5/10/2001	Fd01-1640	Dimethoate	Broccoli	5/7/2001	0.0425	2	1.0
5/10/2001	Fd01-1641	Dimethoate	Broccoli	5/7/2001	0.0523	2	1.0
5/10/2001	Fd01-1642	Dimethoate	Cauliflower	5/7/2001	0.0000	2	1.0
5/10/2001	Fd01-1642	Endosulfan	Cauliflower	5/7/2001	0.0000	2	1.0
5/10/2001	Fd01-1643	Dimethoate	Cauliflower	5/7/2001	0.0000	2	1.0
5/10/2001	Fd01-1643	Endosulfan	Cauliflower	5/7/2001	0.0000	2	1.0
5/10/2001	Fd01-1644	Dimethoate	Cauliflower	5/7/2001	0.0206	2	1.0
5/10/2001	Fd01-1644	Endosulfan	Cauliflower	5/7/2001	0.0000	2	1.0
5/10/2001	Fd01-1645	Dimethoate	Cauliflower	5/7/2001	0.0260	2	1.0
5/10/2001	Fd01-1645	Endosulfan	Cauliflower	5/7/2001	0.0000	2	1.0
5/18/2001	Fd01-1646	Sulfur	Peach	5/16/2001	18.4750	1	1.0
5/18/2001	Fd01-1647	Sulfur	Peach	5/16/2001	8.7075	1	1.0
5/18/2001	Fd01-1648	Sulfur	Peach	5/16/2001	15.3625	1	1.0
5/18/2001	Fd01-1649	Sulfur	Peach	5/16/2001	19.2675	1	1.0
5/18/2001	Fd01-1650	Sulfur	Peach	5/16/2001	16.9950	1	1.0
5/18/2001	Fd01-1651	Sulfur	Peach	5/16/2001	12.7625	1	1.0
5/18/2001	Fd01-1652	Sulfur	Peach	5/16/2001	19.2250	1	1.0
5/18/2001	Fd01-1653	Sulfur	Peach	5/16/2001	17.1100	1	1.0
6/8/2001	Fd01-1658	Azinphosmethyl	Apple	5/25/2001	0.1710	14	0.0
6/8/2001	Fd01-1659	Azinphosmethyl	Apple	5/25/2001	0.1878	14	0.0
6/8/2001	Fd01-1660	Azinphosmethyl	Apple	5/25/2001	0.0718	14	0.0
6/8/2001	Fd01-1661	Azinphosmethyl	Apple	5/25/2001	0.1883	14	0.0
6/8/2001	Fd01-1662	Azinphosmethyl	Apple	5/25/2001	2.7125	14	0.0
6/8/2001	Fd01-1663	Azinphosmethyl	Apple	5/25/2001	0.4400	14	0.0
6/8/2001	Fd01-1664	Azinphosmethyl	Apple	5/25/2001	1.8725	14	0.0
6/8/2001	Fd01-1665	Azinphosmethyl	Apple	5/25/2001	0.2575	14	0.0
7/2/2001	Fd01-1674	Methomyl	Strawberry	6/30/2001	0.2423	2	0.0
7/2/2001	Fd01-1675	Methomyl	Strawberry	6/30/2001	0.0988	2	0.0
7/2/2001	Fd01-1676	Methomyl	Strawberry	6/30/2001	0.1908	2	0.0
7/2/2001	Fd01-1677	Methomyl	Strawberry	6/30/2001	0.2085	2	0.0
7/2/2001	Fd01-1678	Methomyl	Strawberry	6/30/2001	0.1920	2	0.0
7/2/2001	Fd01-1679	Methomyl	Strawberry	6/30/2001	0.1818	2	0.0
7/2/2001	Fd01-1680	Methomyl	Strawberry	6/30/2001	0.1813	2	0.0
7/2/2001	Fd01-1681	Methomyl	Strawberry	6/30/2001	0.3100	2	0.0
7/4/2001	Fd01-1682	Dimethoate	Broccoli	7/1/2001	0.0000	2	1.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
7/4/2001	Fd01-1682	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1683	Dimethoate	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1683	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1684	Dimethoate	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1684	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1685	Dimethoate	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1685	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1686	Dimethoate	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1686	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1687	Dimethoate	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1687	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1688	Dimethoate	Broccoli	7/1/2001	0.0255	2	1.0
7/4/2001	Fd01-1688	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1689	Dimethoate	Broccoli	7/1/2001	0.0843	2	1.0
7/4/2001	Fd01-1689	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1690	Dimethoate	Broccoli	7/1/2001	0.0255	2	1.0
7/4/2001	Fd01-1690	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1691	Dimethoate	Broccoli	7/1/2001	0.0493	2	1.0
7/4/2001	Fd01-1691	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1692	Dimethoate	Broccoli	7/1/2001	0.0718	2	1.0
7/4/2001	Fd01-1692	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/4/2001	Fd01-1693	Dimethoate	Broccoli	7/1/2001	0.1330	2	1.0
7/4/2001	Fd01-1693	Naled	Broccoli	7/1/2001	0.0000	2	1.0
7/12/2001	Fd01-1694	Azinphosmethyl	Pear	6/28/2001	1.5925	14	0.0
7/12/2001	Fd01-1695	Azinphosmethyl	Pear	6/28/2001	2.0450	14	0.0
7/12/2001	Fd01-1696	Azinphosmethyl	Pear	6/28/2001	1.0200	14	0.0
7/12/2001	Fd01-1697	Azinphosmethyl	Pear	6/28/2001	1.0775	14	0.0
7/12/2001	Fd01-1698	Azinphosmethyl	Pear	6/28/2001	3.8125	14	0.0
7/12/2001	Fd01-1699	Azinphosmethyl	Pear	6/28/2001	4.1175	14	0.0
7/16/2001	Fd01-1700	Azinphosmethyl	Pear	7/2/2001	1.4775	14	0.0
7/16/2001	Fd01-1701	Azinphosmethyl	Pear	7/2/2001	1.4075	14	0.0
7/16/2001	Fd01-1702	Azinphosmethyl	Pear	7/2/2001	1.0500	14	0.0
7/16/2001	Fd01-1703	Azinphosmethyl	Pear	7/2/2001	1.8800	14	0.0
7/26/2001	Fd01-1704	Azinphosmethyl	Almond	7/12/2001	1.2600	14	0.0
7/26/2001	Fd01-1705	Azinphosmethyl	Almond	7/12/2001	1.8275	14	0.0
7/26/2001	Fd01-1706	Azinphosmethyl	Almond	7/12/2001	3.1700	14	0.0
7/26/2001	Fd01-1707	Azinphosmethyl	Almond	7/12/2001	2.5425	14	0.0
7/26/2001	Fd01-1708	Azinphosmethyl	Almond	7/12/2001	3.5950	14	0.0
7/26/2001	Fd01-1709	Azinphosmethyl	Almond	7/12/2001	2.5675	14	0.0
7/26/2001	Fd01-1710	Azinphosmethyl	Almond	7/12/2001	1.8250	14	0.0
7/26/2001	Fd01-1711	Azinphosmethyl	Almond	7/12/2001	3.3525	14	0.0
8/2/2001	Fd01-1712	Propargite	Grape - Raisin	7/3/2001	0.1138	30	0.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
8/2/2001	Fd01-1713	Propargite	Grape - Raisin	7/3/2001	0.2388	30	0.0
8/2/2001	Fd01-1714	Propargite	Grape - Raisin	7/3/2001	0.5975	30	0.0
8/2/2001	Fd01-1715	Propargite	Grape - Raisin	7/3/2001	0.4750	30	0.0
8/2/2001	Fd01-1716	Propargite	Grape - Raisin	7/3/2001	0.0443	30	0.0
8/2/2001	Fd01-1717	Propargite	Grape - Raisin	7/3/2001	0.1853	30	0.0
8/2/2001	Fd01-1718	Propargite	Grape - Raisin	7/3/2001	0.2925	30	0.0
8/2/2001	Fd01-1719	Propargite	Grape - Raisin	7/3/2001	0.1808	30	0.0
8/2/2001	Fd01-1720	Propargite	Grape - Raisin	7/3/2001	0.4750	30	0.0
8/2/2001	Fd01-1721	Propargite	Grape - Raisin	7/3/2001	0.0880	30	0.0
8/3/2001	Fd01-1722	Azinphosmethyl	Apple	7/19/2001	0.7175	14	1.0
8/3/2001	Fd01-1723	Azinphosmethyl	Apple	7/19/2001	0.6300	14	1.0
8/5/2001	Fd01-3018	Carbofuran	Cotton	7/22/2001	0.1720	14	0.0
8/5/2001	Fd01-3019	Carbofuran	Cotton	7/22/2001	0.0395	14	0.0
8/5/2001	Fd01-3020	Carbofuran	Cotton	7/22/2001	0.1218	14	0.0
8/5/2001	Fd01-3021	Carbofuran	Cotton	7/22/2001	0.1168	14	0.0
8/5/2001	Fd01-3022	Carbofuran	Cotton	7/22/2001	0.1280	14	0.0
8/5/2001	Fd01-3023	Carbofuran	Cotton	7/22/2001	0.1218	14	0.0
8/5/2001	Fd01-3024	Carbofuran	Cotton	7/22/2001	0.0403	14	0.0
8/5/2001	Fd01-3025	Carbofuran	Cotton	7/22/2001	0.1683	14	0.0
8/5/2001	Fd01-3026	Carbofuran	Cotton	7/22/2001	0.0488	14	0.0
8/5/2001	Fd01-3027	Carbofuran	Cotton	7/22/2001	0.0215	14	0.0
8/5/2001	Fd01-3028	Carbofuran	Cotton	7/22/2001	0.1455	14	0.0
8/5/2001	Fd01-3029	Carbofuran	Cotton	7/22/2001	0.0488	14	0.0
8/5/2001	Fd01-3030	Carbofuran	Cotton	7/22/2001	0.0595	14	0.0
8/5/2001	Fd01-3031	Carbofuran	Cotton	7/22/2001	0.1358	14	0.0
8/5/2001	Fd01-3060	Carbofuran	Cotton	7/22/2001	0.0398	14	0.0
8/5/2001	Fd01-3061	Carbofuran	Cotton	7/22/2001	0.0988	14	0.0
8/5/2001	Fd01-3062	Carbofuran	Cotton	7/22/2001	0.0295	14	0.0
8/5/2001	Fd01-3063	Carbofuran	Cotton	7/22/2001	0.0470	14	0.0
8/8/2001	Fd01-1724	Propargite	Grape - Raisin	7/9/2001	0.0000	30	0.0
8/8/2001	Fd01-1725	Propargite	Grape - Raisin	7/9/2001	0.0000	30	0.0
8/8/2001	Fd01-1726	Propargite	Grape - Raisin	7/9/2001	0.4350	30	0.0
8/8/2001	Fd01-1727	Propargite	Grape - Raisin	7/9/2001	0.2725	30	0.0
8/8/2001	Fd01-1728	Propargite	Grape - Raisin	7/9/2001	0.1375	30	0.0
8/8/2001	Fd01-1729	Propargite	Grape - Raisin	7/9/2001	0.1985	30	0.0
8/8/2001	Fd01-1730	Propargite	Grape - Raisin	7/9/2001	0.1575	30	0.0
8/8/2001	Fd01-1731	Propargite	Grape - Raisin	7/9/2001	0.1765	30	0.0
8/8/2001	Fd01-1732	Propargite	Grape - Raisin	7/9/2001	0.0348	30	0.0
8/8/2001	Fd01-1733	Propargite	Grape - Raisin	7/9/2001	0.0000	30	0.0
8/15/2001	Fd01-3064	Carbofuran	Cotton	8/1/2001	0.0815	14	0.0
8/15/2001	Fd01-3065	Carbofuran	Cotton	8/1/2001	0.0328	14	0.0
8/15/2001	Fd01-3066	Carbofuran	Cotton	8/1/2001	0.0154	14	0.0

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Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR ¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI ²
8/15/2001	Fd01-3067	Carbofuran	Cotton	8/1/2001	0.0165	14	0.0
8/15/2001	Fd01-3068	Carbofuran	Cotton	8/1/2001	0.0138	14	0.0
8/15/2001	Fd01-3069	Carbofuran	Cotton	8/1/2001	0.0245	14	0.0
8/15/2001	Fd01-3070	Carbofuran	Cotton	8/1/2001	0.0298	14	0.0
8/15/2001	Fd01-3071	Carbofuran	Cotton	8/1/2001	0.0172	14	0.0
8/21/2001	Fd01-3104	Carbofuran	Cotton	8/7/2001	0.0066	14	0.0
8/21/2001	Fd01-3105	Carbofuran	Cotton	8/7/2001	0.0072	14	0.0
8/21/2001	Fd01-3106	Carbofuran	Cotton	8/7/2001	0.0000	14	0.0
8/21/2001	Fd01-3107	Carbofuran	Cotton	8/7/2001	0.0000	14	0.0
8/23/2001	Fd01-3123	Carbofuran	Cotton	8/9/2001	0.0111	14	0.0
8/23/2001	Fd01-3124	Carbofuran	Cotton	8/9/2001	0.0000	14	0.0
8/23/2001	Fd01-3125	Carbofuran	Cotton	8/9/2001	0.0000	14	0.0
8/23/2001	Fd01-3126	Carbofuran	Cotton	8/9/2001	0.0108	14	0.0
8/23/2001	Fd01-3127	Carbofuran	Cotton	8/9/2001	0.0114	14	0.0
8/23/2001	Fd01-3128	Carbofuran	Cotton	8/9/2001	0.0141	14	0.0
8/23/2001	Fd01-3129	Carbofuran	Cotton	8/9/2001	0.0000	14	0.0
8/23/2001	Fd01-3130	Carbofuran	Cotton	8/9/2001	0.0000	14	0.0
8/23/2001	Fd01-3131	Carbofuran	Cotton	8/9/2001	0.0000	14	0.0
8/24/2001	Fd01-3140	Carbofuran	Cotton	8/10/2001	0.0000	14	0.0
8/24/2001	Fd01-3141	Carbofuran	Cotton	8/10/2001	0.0000	14	0.0
8/24/2001	Fd01-3178	Carbofuran	Cotton	8/10/2001	0.1315	14	0.0
8/24/2001	Fd01-3179	Carbofuran	Cotton	8/10/2001	0.0588	14	0.0
8/28/2001	Fd01-3180	Carbofuran	Cotton	8/14/2001	0.0059	14	0.0
8/28/2001	Fd01-3181	Carbofuran	Cotton	8/14/2001	0.0000	14	0.0
8/28/2001	Fd01-3182	Carbofuran	Cotton	8/14/2001	0.0074	14	0.0
8/28/2001	Fd01-3183	Carbofuran	Cotton	8/14/2001	0.0084	14	0.0
8/28/2001	Fd01-3184	Carbofuran	Cotton	8/14/2001	0.0245	14	0.0
8/28/2001	Fd01-3185	Carbofuran	Cotton	8/14/2001	0.0000	14	0.0
8/28/2001	Fd01-3186	Carbofuran	Cotton	8/14/2001	0.0000	14	0.0
8/28/2001	Fd01-3191	Carbofuran	Cotton	8/14/2001	0.0000	14	0.0
8/28/2001	Fd01-3192	Carbofuran	Cotton	8/14/2001	0.0288	14	0.0
8/28/2001	Fd01-3193	Carbofuran	Cotton	8/14/2001	0.0100	14	0.0
8/28/2001	Fd01-3194	Carbofuran	Cotton	8/14/2001	0.0648	14	0.0
8/29/2001	Fd01-3195	Carbofuran	Cotton	8/15/2001	0.0000	14	0.0
8/29/2001	Fd01-3196	Carbofuran	Cotton	8/15/2001	0.0000	14	0.0
8/29/2001	Fd01-3197	Carbofuran	Cotton	8/15/2001	0.0000	14	0.0
8/29/2001	Fd01-3198	Carbofuran	Cotton	8/15/2001	0.0000	14	0.0
8/29/2001	Fd01-3221	Carbofuran	Cotton	8/15/2001	0.0103	14	0.0
8/29/2001	Fd01-3222	Carbofuran	Cotton	8/15/2001	0.0145	14	0.0
8/29/2001	Fd01-3223	Carbofuran	Cotton	8/15/2001	0.0137	14	0.0
8/29/2001	Fd01-3224	Carbofuran	Cotton	8/15/2001	0.0057	14	0.0
8/30/2001	Fd01-3200	Carbofuran	Cotton	8/16/2001	0.3000	14	0.0

- DFRs reported as 0 were below the limit of quantitation (LOQ), which ranged from 0.005 – 0.03 $\mu\text{g}/\text{cm}^2$ for all pesticides except abamectin. LOQ for abamectin was 0.0002 $\mu\text{g}/\text{cm}^2$.
- Sampling was conducted within 1 day of expiration of the REI. Following night applications of pesticides with an REI of 12 hours, sampling was conducted up to 1.5 days post-REI, since workers would not enter fields until the morning after the REI expired.

Appendix 1. HS-1784, A Summary of Dislodgeable Foliar Pesticide Residues (DFR, $\mu\text{g}/\text{cm}^2$) at
Expiration of the Restricted Entry Interval (REI, days), 1997 - 2001

Date Sampled	Sample Number	Pesticide	Crop	Application Date	DFR¹ ($\mu\text{g}/\text{cm}^2$)	REI (days)	Days Post-REI²
8/30/2001	Fd01-3201	Carbofuran	Cotton	8/16/2001	0.1943	14	0.0
8/30/2001	Fd01-3202	Carbofuran	Cotton	8/16/2001	0.1335	14	0.0
8/30/2001	Fd01-3203	Carbofuran	Cotton	8/16/2001	0.1540	14	0.0
8/30/2001	Fd01-3210	Carbofuran	Cotton	8/16/2001	0.2975	14	0.0
8/30/2001	Fd01-3211	Carbofuran	Cotton	8/16/2001	0.1990	14	0.0
8/30/2001	Fd01-3212	Carbofuran	Cotton	8/16/2001	0.4500	14	0.0
8/30/2001	Fd01-3213	Carbofuran	Cotton	8/16/2001	0.2113	14	0.0
8/31/2001	Fd01-3238	Carbofuran	Cotton	8/17/2001	0.0740	14	0.0
8/31/2001	Fd01-3239	Carbofuran	Cotton	8/17/2001	0.0638	14	0.0
8/31/2001	Fd01-3240	Carbofuran	Cotton	8/17/2001	0.0458	14	0.0
8/31/2001	Fd01-3241	Carbofuran	Cotton	8/17/2001	0.0353	14	0.0

1 DFRs reported as 0 were below the limit of quantitation (LOQ), which ranged from 0.005 – 0.03 $\mu\text{g}/\text{cm}^2$ for all pesticides except abamectin. LOQ for abamectin was 0.0002 $\mu\text{g}/\text{cm}^2$.

2 Sampling was conducted within 1 day of expiration of the REI. Following night applications of pesticides with an REI of 12 hours, sampling was conducted up to 1.5 days post-REI, since workers would not enter fields until the morning after the REI expired.