

Chemical	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
gibberellins, potassium salt	<0.01	<0.01	5	None	None	None	None	1	None	None
gliocladium virens gl-21 (spores)	945	649	1,957	3,538	2,989	4,586	4,395	2,829	2,707	1,218
glutamic acid	118	40	133	42	15	15	None	None	None	None
gs-omega/kappa-hxtx-hv1a (versitide peptide)	None	None	None	None	None	None	<0.01	None	3	22
harpin protein	13	11	1	1	<0.01	None	<0.01	<0.01	None	None
heptyl butyrate	<0.01	<0.01	<0.01	14	6	4	3	13	4	28
hydrogen peroxide	69,179	59,387	36,310	47,239	49,826	74,419	130,417	312,065	355,410	460,682
hydroprene	6,382	11,261	3,948	7,352	5,734	6,456	3,920	3,155	2,923	3,989
iba	7	9	12	15	14	13	10	19	17	29
indole	None	None	None	<0.01	None	<0.01	<0.01	<0.01	<0.01	<0.01
iron hedta	None	None	43	92	120	91	170	213	113	157
iron phosphate	2,351	2,874	2,327	2,119	2,007	2,071	2,250	3,482	2,837	3,211
kaolin	3,040,482	1,686,874	2,014,970	2,473,768	2,854,542	3,411,740	3,591,408	3,193,218	3,269,120	2,720,806
kinoprene	3	9	3	8	33	17	10	1	<0.01	<0.01
lactic acid	None	None	None	None	None	2	3	12	10	15
lactose	7,984	9,374	6,554	7,143	6,616	7,855	8,501	8,889	7,949	8,186
lagenidium giganteum (california strain)	None	None	5	None	None	None	None	None	None	None
lauryl alcohol	736	497	755	449	293	501	319	2,566	309	229
lavandulyl senecioate	437	6,120	586	477	3,166	507	1,035	1,312	2,282	4,187
limonene	56,406	62,925	74,369	61,334	68,137	72,906	67,550	92,320	106,974	56,870
linalool	1,104	95	136	72	62	93	15	11	2	1
margosa oil	579	7,886	9,106	12,189	22,585	26,019	32,493	25,061	13,756	41,098
menthol	5	<0.01	None	20	None	None	None	None	None	None
metarhizium anisopliae strain f52	None	None	116	89	121	20	54	2	1	1
metarhizium anisopliae, var. anisopliae, strain esf1	<0.01	<0.01	None	None	None	None	None	None	None	None
methoprene	1,492	1,809	1,304	1,350	3,556	1,390	1,271	1,064	764	801
methyl anthranilate	343	448	300	1,237	634	672	789	1,118	958	1,208
methyl eugenol	None	5	None	9	None	None	126	386	1,149	1,138
methyl nonyl ketone	<0.01	None	None	<0.01	<0.01	<0.01	<0.01	<0.01	1	<0.01
methyl salicylate	None	None	None	None	None	None	None	<0.01	<0.01	None
muscalure	15	15	16	13	17	23	29	44	60	18
myristyl alcohol	150	102	155	91	60	102	65	520	63	47

Chemical	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
myrothecium verrucaria, dried fermentation solids & solubles, strain aarc-0255	22,813	27,757	25,556	26,005	17,675	30,810	26,033	22,923	23,021	21,639
n6-benzyl adenine	217	129	168	183	184	230	221	161	198	477
naa	5	4	9	15	12	18	11	100	11	14
naa, ammonium salt	976	839	1,400	1,056	945	996	125	181	335	249
naa, ethyl ester	6	23	4	3	5	3	38	10,502	13,162	13,844
naa, potassium salt	None	None	None	53	15	2	934	1,017	607	613
naa, sodium salt	None	None	None	2	1	<0.01	<0.01	None	None	1
natamycin	None	None	None	<0.01	1	1	1	<0.01	None	96
nerolidol	24	12	28	54	42	49	72	95	98	70
nitrogen, liquefied	135	216	74	594	6	None	None	None	None	None
nonanoic acid	17,322	17,939	18,200	21,545	17,530	14,482	13,301	14,610	12,755	12,280
nonanoic acid, other related	912	944	958	1,134	923	762	700	769	671	645
nosema locustae spores	<0.01	<0.01	1	<0.01	<0.01	<0.01	1	<0.01	<0.01	None
oil of anise	None	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
oil of black pepper	<0.01	<0.01	<0.01	1	1	<0.01	<0.01	<0.01	<0.01	<0.01
oil of cedarwood	<0.01	None	None	None	None	<0.01	<0.01	None	None	None
oil of citronella	5	46	None	None	1	5	<0.01	1	<0.01	1
oil of geranium	<0.01	None	None	None	None	None	None	None	None	None
oil of jojoba	4,176	1,232	507	135	376	44	19	2	None	12
oil of lemon eucalyptus	None	<0.01	3	None	None	None	None	None	None	None
oil of orange	None	None	None	None	None	198	386	1,360	479	486
oil of peppermint	<0.01	None	None	None	None	None	None	None	None	None
oxypurinol	None	None	None	None	<0.01	None	None	None	None	None
paecilomyces fumosoroseus apopka strain 97	None	None	508	3,302	5,951	5,624	8,947	8,659	5,100	8,341
pantoea agglomerans strain e325, nrrl b-21856	4	1	1	1	None	None	None	None	None	None
phenylethyl propionate	822	423	535	701	712	185	96	140	34	20
phosphoric acid, monopotassium salt	6,984	9,079	3,927	1,918	374	9,585	15,002	11,445	10,125	3,350
piperine	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01

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polyhedral occlusion bodies (ob's) of the nuclear polyhedrosis virus of helicoverpa zea (corn earworm)	1	51	6	1	2	4	20	41	41	22
polyoxin d, zinc salt	1,296	3,519	4,738	6,731	7,412	8,613	10,308	10,653	11,420	13,108
potassium bicarbonate	275,648	358,917	229,238	239,909	223,547	318,099	462,830	489,086	350,282	468,514
potassium phosphite	287,730	279,964	281,901	390,547	708,940	666,576	952,539	1,167,494	1,205,218	1,651,325
potassium silicate	39	1,412	988	5,407	23,582	36,525	25,901	33,039	13,821	28,004
potassium sorbate	65	None	None	None	None	None	None	None	None	None
propylene glycol	54,233	50,584	60,679	86,335	90,353	87,138	91,163	103,909	108,296	122,111
propyleneglycol monolaurate	12	None	None	203	44	None	None	None	None	None
pseudomonas fluorescens, strain a506	217	274	59	92	270	87	123	111	113	66
pseudomonas syringae, strain esc-10	<0.01	None	None	3	None	None	None	None	None	None
purpureocillium lilaciunum strain 251	252	515	840	4,073	5,031	6,408	6,273	5,474	3,817	2,872
putrescent whole egg solids	3	1	1	1	1	1	6	5	6	2
pythium oligandrum dv74	None	<0.01	<0.01	<0.01	None	None	None	None	None	None
qst 713 strain of dried bacillus subtilis	21,464	23,965	23,645	24,605	20,969	20,916	21,063	21,952	21,275	25,388
quillaja	682	1,081	785	1,040	775	829	1,027	1,385	1,452	1,636
reynoutria sachalinensis	8,996	14,844	14,803	15,355	16,105	18,358	23,508	23,644	20,078	23,075
s-abscisic acid	865	1,854	2,651	2,131	2,382	2,114	2,192	2,220	1,861	1,856
s-methoprene	3,921	2,313	2,324	2,331	2,524	2,781	3,220	3,133	4,077	11,536
sawdust	1	None	4	4	None	None	1	None	None	None
sesame oil	1,309	1,327	15	<0.01	None	None	None	None	2	None
silver nitrate	<0.01	<0.01	<0.01	None	None	None	<0.01	<0.01	None	<0.01
sodium bicarbonate	3	515	146	44	479	420	13,604	3,679	3	None
sodium carbonate peroxyhydrate	101,714	298,763	300,693	295,762	463,448	244,233	261,347	165,621	329,252	276,479
sodium chloride	2	169	111	119	211	216	128	81	110	147
sodium lauryl sulfate	96	458	884	431	570	1,749	507	1,200	1,330	1,148
sorbitol octanoate	None	35	None	None	None	None	None	<0.01	None	None
soybean oil	24,110	24,109	22,065	45,973	59,297	69,771	84,295	80,999	82,172	70,158
streptomyces griseoviridis strain k61	<0.01	<0.01	<0.01	10	11	18	5	4	2	1

Chemical	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
streptomyces lydicus wyec 108	2	1	2	3	3	3	4	3	2	3
sucrose octanoate	1,128	230	55	188	98	203	29	7	None	None
sugar	1,122	448	1,240	51	16	60	667	4	20	775
thyme	1,311	665	844	1,135	1,150	257	122	181	25	11
thyme oil	None	None	None	None	None	1	3	12	7	7
thymol	1,539	265	181	398	314	278	570	564	669	162
trichoderma harzianum rifai strain krl-ag2	504	129	158	186	86	65	112	64	86	95
trichoderma icc 012 asperellum	None	13	19	43	2	2	9	4	1	32
trichoderma icc 080 gamsii	None	13	19	43	2	2	9	4	1	32
trimethylamine	None	None	None	<0.01	None	<0.01	<0.01	<0.01	<0.01	<0.01
ulocladium oudemansii (u3 strain)	None	None	None	29	792	516	155	34	2,131	1,431
vanillin	<0.01	1	1	<0.01	<0.01	1	None	<0.01	2	<0.01
vegetable oil	323,401	514,884	276,278	315,218	267,446	485,628	517,951	665,926	827,913	668,393
xanthine	None	None	None	None	<0.01	None	None	None	None	None
yeast	470	1,165	818	80	32	86	14	4	12	<0.01
yucca schidigera	634	1,649	7,147	12,327	5,652	2,565	3,130	2,173	5,733	6,750
z,e-9,12-tetradecadien-1-yl acetate	1	7	6	14	122	20	10	21	62	159
z-11-tetradecen-1-yl acetate	9	4	8	8	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
z-8-dodecenol	157	34	48	44	38	98	60	201	47	52
z-8-dodecenyl acetate	13,964	3,010	4,005	3,467	3,248	4,461	4,300	6,479	4,158	4,028
Total	5,150,319	4,439,952	4,320,457	5,091,003	6,167,978	6,882,943	7,690,024	8,119,116	8,397,346	8,637,854