





















Chemical	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
nonanoic acid	828	480	2,166	2,074	1,040	653	1,889	1,394	628	406
nonanoic acid, other related	828	460	2,166	2,074	1,040	653	1,219	619	488	396
nosema locustae spores	12	1,612	1,207	910	750	50	<0.01	1	N/A	116
oil of anise	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	N/A
oil of black pepper	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
oil of cedarwood	N/A	N/A	N/A	N/A	<0.01	<0.01	N/A	N/A	N/A	N/A
oil of citronella	48	N/A	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
oil of jojoba	1,762	1,077	316	323	83	16	5	N/A	7	N/A
oil of lemon eucalyptus	<0.01	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
oil of orange	N/A	N/A	N/A	N/A	21,472	37,651	66,215	53,681	47,220	45,624
oxypurinol	N/A	N/A	N/A	6	N/A	N/A	N/A	N/A	N/A	<0.01
paecilomyces fumosoroseus apopka strain 97	N/A	2,113	12,822	18,487	19,097	31,000	26,577	15,462	23,739	27,792
pantoea agglomerans strain e325, nrri b-21856	25	50	50	N/A	N/A	N/A	N/A	N/A	N/A	N/A
phenylethyl propionate	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
phosphoric acid, monopotassium salt	1,275	561	219	<0.01	1,837	3,142	2,284	2,025	570	62
piperine	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
polyhedral occlusion bodies (ob's) of the nuclear polyhedrosis virus of helioverpa zea (corn earworm)	14,752	1,297	337	518	1,011	4,902	8,857	8,803	4,958	7,084

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polyoxin d, zinc salt	69,822	95,645	143,483	165,601	191,654	231,719	242,628	264,184	305,798	268,052
potassium bicarbonate	118,891	75,445	85,935	85,701	112,055	156,452	162,483	125,417	156,375	106,562
potassium phosphite	82,403	115,913	131,623	214,917	199,632	299,260	387,641	411,299	545,151	467,634
potassium silicate	808	537	3,524	12,973	13,499	12,133	14,938	8,228	12,930	20,729
potassium sorbate	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	<0.01
propylene glycol	664,307	676,714	974,932	1,069,976	1,107,639	1,122,703	1,209,430	1,187,187	1,277,344	1,137,882
propyleneglycol monolaurate	N/A	N/A	159	76	N/A	N/A	N/A	N/A	N/A	N/A
pseudomonas chlororaphis subsp. aurantiaca strain afs009	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1,093
pseudomonas fluorescens, strain a506	1,281	372	431	1,178	376	601	524	533	328	167
pseudomonas syringae, strain esc-10	N/A	N/A	<0.01	N/A	N/A	N/A	N/A	N/A	N/A	N/A
purpureocillium lilacium strain 251	2,330	3,531	20,039	25,826	32,089	26,924	22,752	15,917	11,461	12,704
putrescent whole egg solids	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
pythium oligandrum dv74	2	2	63	N/A	N/A	N/A	N/A	N/A	N/A	N/A
qst 713 strain of dried bacillus subtilis	118,105	124,794	141,336	138,006	140,844	130,217	128,151	145,009	178,777	152,944
quillaja	30,225	22,907	28,538	30,232	31,107	53,339	53,857	69,345	54,788	33,988

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reynoutria sachalinensis	90,750	94,114	96,190	95,988	105,561	128,066	125,137	112,120	138,947	136,366
s-abscisic acid	9,558	14,974	11,645	12,761	11,202	11,471	12,079	8,770	7,937	6,772
s-methoprene	62,653	87,637	49,491	53,371	102,129	76,961	53,963	71,339	105,757	118,468
sawdust	N/A	74	109	N/A	N/A	160	N/A	N/A	N/A	<0.01
sesame oil	1,938	39	1	N/A	N/A	N/A	N/A	6	N/A	N/A
silver nitrate	<0.01	5	N/A	N/A	N/A	<0.01	1	N/A	2	2
sodium bicarbonate	967	1,101	291	544	706	796	162	1	N/A	2
sodium carbonate peroxyhydrate	6,566	13,797	11,764	17,035	8,051	10,137	7,129	12,824	12,065	13,308
sodium chloride	2	73	207	135	66	134	144	42	100	75
sodium lauryl sulfate	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
sorbitol octanoate	42	N/A	N/A	N/A	N/A	N/A	<0.01	N/A	N/A	N/A
soybean oil	3,636	3,303	4,524	6,275	5,476	7,018	7,910	18,460	29,855	29,002
streptomyces griseoviridis strain k61	1	<0.01	5	10	18	5	4	5	2	<0.01

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<b>streptomyces lydicus wyec 108</b>	6,404	10,367	16,071	14,050	16,546	20,473	15,970	10,221	15,115	11,087
<b>sucrose octanoate</b>	148	1	5	10	2	12	<0.01	N/A	N/A	N/A
<b>sugar</b>	5,807	4,843	1,062	1,427	452	504	86	212	160	57
<b>thyme</b>	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
<b>thyme oil</b>	N/A	N/A	N/A	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
<b>thymol</b>	10	18	1	1	1,267	490	44	311	608	2,613
<b>trichoderma harzianum rifai strain krl-ag2</b>	871	1,088	994	2,507	2,346	2,207	2,244	2,404	2,412	1,629
<b>trichoderma icc 012 asperellum</b>	86	704	604	35	251	159	92	139	444	650
<b>trichoderma icc 080 gamsii</b>	86	704	604	35	251	159	92	139	444	650
<b>trimethylamine</b>	N/A	N/A	<0.01	N/A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
<b>ulocladium oudemansii (u3 strain)</b>	N/A	N/A	19	707	406	150	28	1,674	1,178	715
<b>vanillin</b>	412	271	88	68	73	N/A	4	198	86	10
<b>vegetable oil</b>	458,756	266,226	350,771	243,680	311,693	405,341	603,909	584,960	513,796	396,440

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xanthine	N/A	N/A	N/A	6	N/A	N/A	N/A	N/A	N/A	<0.01
yeast	5,261	3,729	325	142	220	25	6	14	<0.01	<0.01
yucca schidigera	4,907	16,093	19,524	11,285	7,347	9,376	6,289	10,926	14,716	12,052
z,e-9,12-tetradecadien-1-yl acetate	49	<0.01	<0.01	<0.01	<0.01	<0.01	43	507	3,079	<0.01
z-11-tetradecen-1-yl acetate	942	3,877	3,411	23	51	20	639	57	506	1,639
z-8-dodecenol	45,667	49,300	47,640	41,405	42,645	39,638	38,315	42,097	45,959	43,623
z-8-dodecenyl acetate	45,667	49,300	47,640	41,405	42,645	39,638	38,315	42,097	45,959	43,623
<b>Total</b>	5,515,352	5,590,494	6,551,858	6,925,111	7,488,061	8,018,102	8,560,153	8,638,560	9,591,040	9,030,696