

08/08P# 34143B

DPP

From

Dimethoate Case #: 60515 AI#:35001 Quantitative Usage Analysis Analyst: Dhol Herzi September 98

Site	Acres Grown (000)		Acres Treated (000)		% Of Crop Treated		Lb AI Applied (000)		Average Application Rate		States With Most Usage
	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai/ A/yr	#appl /Yr	Lb ai A/appl		
Citrus, Other	51	6	14	11.1%	27.7%	9	18	1.6	1.1	1.4	AZ CA 88%
Grapefruit	194	8	17	4.3%	8.5%	13	35	1.6	1.3	1.2	CA AZ FL 95%
Lemons	63	16	37	25.4%	58.4%	56	121	3.5	2.2	1.6	AZ CA 100%
Oranges	867	40	84	4.6%	9.7%	90	193	2.3	1.5	1.5	CA AZ 91%
Tangelos	12	1	3	10.8%	28.3%	2	5	1.6	1.2	1.3	AZ 100%
Tangerines	26	3	6	10.8%	21.9%	5	10	1.8	1.5	1.2	CA 100%
Apples	572	42	85	7.4%	14.9%	42	93	1.0	1.3	0.8	WA MI NY PA CA NC 61%
Pears	78	1	4	1.8%	5.6%	2	6	1.4	1.2	1.2	WA CA IN NY 91%
Cherries	128	7	11	5.7%	8.7%	7	15	1.0	1.2	0.8	WA OR UT 83%
Cherries, sweet	47	4	7	8.7%	14.0%	4	7	1.0	1.0	1.0	OR WA 100%
Cherries, Tart	49	1	3	2.5%	5.4%	1	2	0.8	1.0	0.8	OR 100%
Stone Fruit, other	189	2	9	1.1%	4.7%	3	9	1.4	1.4	1.0	FL CA 87%
Peaches	212	1	2	0.5%	1.1%	2	5	2.1	2.0	1.0	NJ IN 89%
Plums & Prunes	140	0	1	0.2%	0.5%	0	1	1.0	1.1	0.9	CA IL MI WA 100%
Grapes	825	53	107	6.5%	13.0%	85	169	1.6	1.2	1.3	CA 88%
Grapes, Wine	305	16	35	5.1%	11.4%	30	67	1.9	1.4	1.4	
Nut Trees, Other	100	0	5	0.3%	4.6%	1	15	3.3	1.5	2.2	OR 100%
Almonds	429	0	0	0.0%	0.0%	0	0	0.2	1.0	0.2	CA 100%
Pecans	488	56	95	11.6%	19.4%	36	76	0.6	1.6	0.4	GA MS AL TX 83%
Walnuts	205	1	2	0.3%	0.9%	0	1	0.5	1.0	0.5	CA 100%
Peppers, bell	59	8	19	13.6%	32.1%	8	18	1.0	2.4	0.4	FL St CA TX 90%
Peppers, hot	23	1	2	3.0%	10.4%	0	1	0.4	1.0	0.4	CA 100%

1812

Site	Acres Grown (000)		Acres Treated (000)		% Of Crop Treated			Lb AI Applied (000)			Average Application Rate			States With Most Usage
	Wtd Avg	Wtd	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai/ A/yr	#appl /Yr	Lb ai A/appl		
Peppers, sweet	77	17	37	21.7%	47.3%	20	43	1.2	1.0	1.2			FL CA NJ 86%	
Greens	2	0	1	13.0%	51.6%	0	1	0.8	2.8	0.3			AZ 100%	
Lettuce	510	144	266	28.2%	52.1%	61	123	0.4	1.5	0.3			CA AZ 96%	
Lettuce, Head	204	87	120	42.5%	58.5%	56	78	0.6	1.9	0.3			St CA 81%	
Lettuce, Other	58	17	25	29.9%	42.4%	11	18	0.6	1.5	0.4			St CA 88%	
Lettuce, Romaine	2	1	2	68.0%	100.0%	1	2	0.4	1.9	0.2				
Spinach, Fresh	16	1	3	8.3%	17.2%	1	2	0.5	1.1	0.5			St CA VA 91%	
Cole Crops	313	50	79	15.8%	25.4%	39	77	0.8	1.5	0.5			CA NY NC 83%	
Broccoli	111	32	42	28.8%	37.9%	21	28	0.6	1.4	0.5			CA 87%	
Cabbage, Fresh	74	12	18	16.9%	24.8%	22	33	1.8	2.8	0.6			NY St 89%	
Cabbage, Proc.	6	2	4	29.0%	61.3%	2	4	1.2	3.7	0.3			NY St 100%	
Cauliflower	58	13	22	22.4%	38.4%	11	14	0.9	1.7	0.5			CA St 83%	
Collards	11	3	5	25.4%	40.0%	2	3	0.6	1.0	0.6			GA 90%	
Cucurbits	285	4	8	1.4%	2.9%	5	14	1.3	2.1	0.6			GA FL CA 81%	
Cucumbers	146	2	11	1.6%	7.3%	1	5	0.4	1.0	0.4			TX MI 100%	
Cucumbers, Fresh	52	1	4	1.8%	7.6%	1	4	1.0	1.8	0.5			TX 100%	
Squash	53	2	6	3.3%	10.8%	0	1	0.3	1.0	0.3			GA 100%	
Melons	368	30	67	8.0%	18.3%	23	50	0.8	2.1	0.4			FL CA AL TX GA IN 78%	
Cantaloupes	113	12	14	10.5%	12.7%	3	6	0.2	1.0	0.2			CA TX AZ 98%	
Melons, Honeydew	27	6	13	24.4%	48.8%	3	7	0.5	1.7	0.3			CA 81%	
Watermelons	258	16	21	6.2%	8.2%	7	15	0.5	1.0	0.5			IN TX St FL CA 85%	
Vegetables, Other	286	113	186	39.3%	65.1%	50	85	0.4	1.4	0.3			CA FL GA AZ WA WI 75%	

2312

Site	Acres Grown (000)		Acres Treated (000)		% Of Crop Treated		Lb AI Applied (000)		Average Application Rate		States With Most Usage	
	(000)	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Lb ai/ A/Yr	#appl /Yr	Lb ai A/appl	
Roots/Tubers	244	2	8	0.9%	3.2%	2	7	0.9	1.4	0.6	CA OH 92%	
Potatoes	1421	27	49	1.9%	3.5%	17	41	0.6	1.5	0.4	FL WA OH CO WI CA 71%	
Sweet Corn	784	3	5	0.3%	0.7%	1	2	0.4	1.1	0.3	WA WI MO NY TX 80%	
Tomatoes, fresh	116	12	21	10.1%	18.3%	14	25	1.2	1.9	0.6	CA St FL 99%	
Tomatoes, proc.	324	92	195	28.4%	60.0%	52	109	0.6	1.3	0.4	CA 100%	
Beans, Dry	1802	68	127	3.8%	7.0%	26	47	0.4	1.0	0.4	CA CO 83%	
Beans, Green	304	40	60	13.3%	19.6%	13	26	0.3	1.0	0.3	FL WI DE CA PA 82%	
Beans, Snap, Fresh	75	7	11	9.6%	14.9%	20	32	2.8	3.7	0.8	St FL 100%	
Beans, Snap, Proc.	188	15	24	8.0%	12.7%	8	13	0.6	1.1	0.5	St WI 85%	
Peas, Green	386	104	219	26.8%	56.8%	16	35	0.2	1.0	0.2	OR MN WA WI CA DE 85%	
Peas, Green, Proc.	277	45	82	16.1%	29.5%	12	23	0.3	1.2	0.2	St WA OR 100%	
Peas, Dry	249	6	21	2.2%	8.4%	1	3	0.2	1.0	0.2	CA 100%	
Sorghum	11280	75	151	0.7%	1.3%	26	53	0.3	1.0	0.3	TX FL KS NE GA NM 71%	
Corn	71264	259	530	0.4%	0.7%	140	282	0.5	1.2	0.4	FL TX IL CO KS NE 69%	
Barley	7505	12	28	0.2%	0.4%	5	14	0.4	1.1	0.4	ND SD MT VA WA OR 70%	
Oats/Rye	6133	7	15	0.1%	0.2%	2	4	0.3	1.1	0.2	TX AR AZ NM OH VA 83%	
Rice	2921	0	0	0.0%	0.0%	0	0	0.2	1.0	0.2	LA CA 100%	

3812

Site	Acres Grown (000)		Acres Treated (000)		% Of Crop Treated		Lb AI Applied (000)		Average Application Rate		States With Most Usage
	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai/ A/vr	#appl /Yr	Lb ai A/appl
Wheat	62407	1140	4731	1.8%	7.6%	350	1472	0.3	1.0	0.3	OK TX MT WA VA 83%
Wheat, spring	20799	53	149	0.3%	0.7%	26	75	0.5	1.1	0.4	ND WA MT CA 85%
Wheat, winter	43282	755	1495	1.7%	3.5%	240	455	0.3	1.1	0.3	OK TX KS CO WA NE 82%
Hay, Other	33427	13	25	0.0%	0.1%	8	17	0.7	1.3	0.5	CA PA MD AZ OH 86%
Alfalfa	23949	537	1075	2.2%	4.5%	250	515	0.5	1.2	0.4	PA CA OH WA WI IL 60%
Pasture	86960	20	39	0.0%	0.0%	24	49	1.3	1.0	1.2	OK 80%
Peanuts	1610	15	38	0.9%	2.4%	10	30	0.7	1.0	0.7	GA NC VA 91%
Safflower	113	21	46	18.7%	41.1%	11	25	0.5	1.0	0.5	CA 100%
Soybeans	61279	188	376	0.3%	0.6%	100	203	0.5	1.1	0.5	IL WI IA KS IN 83%
Sunflower	2745	4	16	0.1%	0.6%	4	18	1.1	1.0	1.1	SD ND 90%
Cotton	12429	640	1230	5.2%	9.9%	240	470	0.4	1.6	0.2	TX CA AR LA MS AZ 80%
Sugar Beets	1415	4	9	0.3%	0.6%	3	5	0.6	1.0	0.6	CA ID 85%
Sugarcane	852	0	0	0.0%	0.0%	0	0	1.0	3.0	0.3	LA 100%
Crp Acres-long Term	34308	0	1	0.0%	0.0%	0	0	0.1	1.0	0.1	MT 100%
Lots/Farmsteads/etc	24815	2	5	0.0%	0.0%	2	6	1.1	2.2	0.5	FL IL GA ND PA NE 71%
Tobacco	695	0	2	0.1%	0.3%	0	1	0.7	1.1	0.6	PA TN 91%
Woodland	62825	4	11	0.0%	0.0%	3	10	0.7	2.4	0.3	FL GA LA MD AR 81%

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Site	Acres Grown (000)		Acres Treated (000)		% Of Crop Treated		Lb AI Applied (000)		Average Application Rate		States With Most Usage	
	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai A/vr	#appl /Yr	Lb ai A/appl	
Setaside Acres	21802	6	12	0.0%	0.1%	2	4	0.4	1.0	0.3	IL CO IA WA AR	81%
Summer Fallow	29040	52	1263	0.2%	4.4%	91	2216	1.8	1.0	1.8	CA	100%
Idle Cropland	7461	7	312	0.1%	4.2%	3	134	0.4	1.0	0.4	IN	100%
Total		5070	13879			2461	7897					

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COLUMN HEADINGS

Wtd Avg = Weighted average--the most recent years and more reliable data are weighted more heavily.

Est Max = Estimated maximum, which is estimated from available data.

Average application rates are calculated from the weighted averages.

NOTES ON TABLE DATA

Usage data primarily covers 1987 - 1996. Calculations of the above numbers may not appear to agree because they are displayed as rounded to the nearest 1000 for acres treated or lb. a.i.
(Therefore 0 = < 500)
to the nearest whole percentage point for % of crop treated. (Therefore 0% = < 0.5%)

0* = Available EPA sources indicate that no usage is observed in the reported data for this site, which implies that there is little or no usage.

A dash (-) indicates that information on this site is NOT available in EPA sources or is insufficient.

* Other/Crop Groups

Citrus, Other includes kumquats, limes, tangelos, and tangerines.

Melons include cantaloupe, watermelon, honeydew, muskmelon, and winter melon.

Nut Trees, Other includes chestnuts, filberts, hazelnuts, hickory nuts, macadamia nuts, pistachios, lychee nuts, and palm.

Stone Fruits, Other includes apricots, avocados, dates, nectarines, olives, coconuts, mangoes, and feijoa.

Vegetables, Other includes, artichokes, asparagus, okra, oriental vegetables, rhubarb, and truck garden.

SOURCES: EPA data, USDA, and National Center for Food and Agricultural Policy

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Site	Acres Grown (000)		Acres Treated (000)		% Of Crop Treated		Lb AI Applied (000)		Average Application Rate		States With Most Usage	
	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai/ A/Yr	#appl /Yr	Lb ai A/appl	
Citrus, Other	51	6	14	11.1%	27.7%	9	18	1.1	1.6	1.1	1.4	AZ CA 88%
Grapefruit	194	8	17	4.3%	8.5%	13	35	1.3	1.6	1.3	1.2	CA AZ FL 95%
Lemons	63	16	37	25.4%	58.4%	56	121	2.2	3.5	2.2	1.6	AZ CA 100%
Oranges	867	40	84	4.6%	9.7%	90	193	1.5	2.3	1.5	1.5	CA AZ 91%
Tangelos	12	1	3	10.8%	28.3%	2	5	1.2	1.6	1.2	1.3	AZ 100%
Tangerines	26	3	6	10.8%	21.9%	5	10	1.5	1.8	1.5	1.2	CA 100%
Apples	572	42	85	7.4%	14.9%	42	93	1.3	1.0	1.3	0.8	WA MI NY PA CA NC 61%
Pears	78	1	4	1.8%	5.6%	2	6	1.2	1.4	1.2	1.2	WA CA IN NY 91%
Cherries	128	7	11	5.7%	8.7%	7	15	1.2	1.0	1.2	0.8	WA OR UT 83%
Cherries, sweet	47	4	7	8.7%	14.0%	4	7	1.0	1.0	1.0	1.0	OR WA 100%
Cherries, Tart	49	1	3	2.5%	5.4%	1	2	1.0	0.8	1.0	0.8	OR 100%
Stone Fruit, other	189	2	9	1.1%	4.7%	3	9	1.4	1.4	1.4	1.0	FL CA 87%
Peaches	212	1	2	0.5%	1.1%	2	5	2.0	2.1	2.0	1.0	NJ IN 89%
Plums & Prunes	140	0	1	0.2%	0.5%	0	1	1.1	1.0	1.1	0.9	CA IL MI WA 100%
Grapes	825	53	107	6.5%	13.0%	85	169	1.2	1.6	1.2	1.3	CA 88%
Grapes, Wine	305	16	35	5.1%	11.4%	30	67	1.4	1.9	1.4	1.4	
Nut Trees, Other	100	0	5	0.3%	4.6%	1	15	1.5	3.3	1.5	2.2	OR 100%
Almonds	429	0	0	0.0%	0.0%	0	0	1.0	0.2	1.0	0.2	CA 100%
Pecans	488	56	95	11.6%	19.4%	36	76	1.6	0.6	1.6	0.4	GA MS AL TX 83%
Walnuts	205	1	2	0.3%	0.9%	0	1	1.0	0.5	1.0	0.5	CA 100%
Peppers, bell	59	8	19	13.6%	32.1%	8	18	2.4	1.0	2.4	0.4	FL St CA TX 90%
Peppers, hot	23	1	2	3.0%	10.4%	0	1	1.0	0.4	1.0	0.4	CA 100%

7812

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	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai/ A/Yr	#appl /Yr	
Peppers, sweet	77	17	37	21.7%	47.3%	20	43	1.2	1.0	1.2	FL CA NJ 86%
Greens	2	0	1	13.0%	51.6%	0	1	0.8	2.8	0.3	AZ 100%
Lettuce	510	144	266	28.2%	52.1%	61	123	0.4	1.5	0.3	CA AZ 96%
Lettuce, Head	204	87	120	42.5%	58.5%	56	78	0.6	1.9	0.3	St CA 81%
Lettuce, Other	58	17	25	29.9%	42.4%	11	18	0.6	1.5	0.4	St CA 88%
Lettuce, Romaine	2	1	2	68.0%	100.0%	1	2	0.4	1.9	0.2	
Spinach, Fresh	16	1	3	8.3%	17.2%	1	2	0.5	1.1	0.5	St CA VA 91%
Cole Crops	313	50	79	15.8%	25.4%	39	77	0.8	1.5	0.5	CA NY NC 83%
Broccoli	111	32	42	28.8%	37.9%	21	28	0.6	1.4	0.5	CA 87%
Cabbage, Fresh	74	12	18	16.9%	24.8%	22	33	1.8	2.8	0.6	NY St 89%
Cabbage, Proc.	6	2	4	29.0%	61.3%	2	4	1.2	3.7	0.3	NY St 100%
Cauliflower	58	13	22	22.4%	38.4%	11	14	0.9	1.7	0.5	CA St 83%
Collards	11	3	5	25.4%	40.0%	2	3	0.6	1.0	0.6	GA 90%
Cucurbits	285	4	8	1.4%	2.9%	5	14	1.3	2.1	0.6	GA FL CA 81%
Cucumbers	146	2	11	1.6%	7.3%	1	5	0.4	1.0	0.4	TX MI 100%
Cucumbers, Fresh	52	1	4	1.8%	7.6%	1	4	1.0	1.8	0.5	TX 100%
Squash	53	2	6	3.3%	10.8%	0	1	0.3	1.0	0.3	GA 100%
Melons	368	30	67	8.0%	18.3%	23	50	0.8	2.1	0.4	FL CA AL TX GA IN 78%
Cantaloupes	113	12	14	10.5%	12.7%	3	6	0.2	1.0	0.2	CA TX AZ 98%
Melons, Honeydew	27	6	13	24.4%	48.8%	3	7	0.5	1.7	0.3	CA 81%
Watermelons	258	16	21	6.2%	8.2%	7	15	0.5	1.0	0.5	IN TX St FL CA 85%
Vegetables, Other	286	113	186	39.3%	65.1%	50	85	0.4	1.4	0.3	CA FL GA AZ WA WI 75%

831A

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	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai/ A/Yr	#appl /Yr	Lb ai A/appl		
Roots/Tubers	244	2	8	0.9%	3.2%	2	7	0.9	1.4	0.6	CA OH 92%
Potatoes	1421	27	49	1.9%	3.5%	17	41	0.6	1.5	0.4	FL WA OH CO WI CA 71%
Sweet Corn	784	3	5	0.3%	0.7%	1	2	0.4	1.1	0.3	WA WI MO NY TX 80%
Tomatoes, fresh	116	12	21	10.1%	18.3%	14	25	1.2	1.9	0.6	CA St FL 99%
Tomatoes, proc.	324	92	195	28.4%	60.0%	52	109	0.6	1.3	0.4	CA 100%
Beans, Dry	1802	68	127	3.8%	7.0%	26	47	0.4	1.0	0.4	CA CO 83%
Beans, Green	304	40	60	13.3%	19.6%	13	26	0.3	1.0	0.3	FL WI DE CA PA 82%
Beans, Snap, Fresh	75	7	11	9.6%	14.9%	20	32	2.8	3.7	0.8	St FL 100%
Beans, Snap, Proc.	188	15	24	8.0%	12.7%	8	13	0.6	1.1	0.5	St WI 85%
Peas, Green	386	104	219	26.8%	56.8%	16	35	0.2	1.0	0.2	OR MN WA WI CA DE 85%
Peas, Green, Proc.	277	45	82	16.1%	29.5%	12	23	0.3	1.2	0.2	St WA OR 100%
Peas, Dry	249	6	21	2.2%	8.4%	1	3	0.2	1.0	0.2	CA 100%
Sorghum	11280	75	151	0.7%	1.3%	26	53	0.3	1.0	0.3	TX FL KS NE GA NM 71%
Corn	71264	259	530	0.4%	0.7%	140	282	0.5	1.2	0.4	FL TX IL CO KS NE 69%
Barley	7505	12	28	0.2%	0.4%	5	14	0.4	1.1	0.4	ND SD MT VA WA OR 70%
Oats/Rye	6133	7	15	0.1%	0.2%	2	4	0.3	1.1	0.2	TX AR AZ NM OH VA 83%
Rice	2921	0	0	0.0%	0.0%	0	0	0.2	1.0	0.2	LA CA 100%

9812

Site	Acres Grown (000)		Acres Treated (000)		% Of Crop Treated		Lb AI Applied (000)		Average Application Rate		States With Most Usage
	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai /Yr	Lb ai A/appl	
Wheat	62407	1140	4731	1.8%	7.6%	350	1472	0.3	1.0	0.3	OK TX MT WA VA 83%
Wheat, spring	20799	53	149	0.3%	0.7%	26	75	0.5	1.1	0.4	ND WA MT CA 85%
Wheat, winter	43282	755	1495	1.7%	3.5%	240	455	0.3	1.1	0.3	OK TX KS CO WA NE 82%
Hay, Other	33427	13	25	0.0%	0.1%	8	17	0.7	1.3	0.5	CA PA MD AZ OH 86%
Alfalfa	23949	537	1075	2.2%	4.5%	250	515	0.5	1.2	0.4	PA CA OH WA WI IL 60%
Pasture	86960	20	39	0.0%	0.0%	24	49	1.3	1.0	1.2	OK 80%
Peanuts	1610	15	38	0.9%	2.4%	10	30	0.7	1.0	0.7	GA NC VA 91%
Safflower	113	21	46	18.7%	41.1%	11	25	0.5	1.0	0.5	CA 100%
Soybeans	61279	188	376	0.3%	0.6%	100	203	0.5	1.1	0.5	IL WI IA KS IN 83%
Sunflower	2745	4	16	0.1%	0.6%	4	18	1.1	1.0	1.1	SD ND 90%
Cotton	12429	640	1230	5.2%	9.9%	240	470	0.4	1.6	0.2	TX CA AR LA MS AZ 80%
Sugar Beets	1415	4	9	0.3%	0.6%	3	5	0.6	1.0	0.6	CA ID 85%
Sugarcane	852	0	0	0.0%	0.0%	0	0	1.0	3.0	0.3	LA 100%
Crp Acres-long Term	34308	0	1	0.0%	0.0%	0	0	0.1	1.0	0.1	MT 100%
Lots/Farmsteads/etc	24815	2	5	0.0%	0.0%	2	6	1.1	2.2	0.5	FL IL GA ND PA NE 71%
Tobacco	695	0	2	0.1%	0.3%	0	1	0.7	1.1	0.6	PA TN 91%
Woodland	62825	4	11	0.0%	0.0%	3	10	0.7	2.4	0.3	FL GA LA MD AR 81%

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Site	Acres Grown (000)	Acres Treated (000)		% Of Crop Treated		Lb AI Applied (000)		Average Application Rate		States With Most Usage	
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	Lb ai/ A/yr	#appl /Yr		Lb ai A/appl
Setaside Acres	21802	6	12	0.0%	0.1%	2	4	0.4	1.0	0.3	IL CO IA WA AR 81%
Summer Fallow	29040	52	1263	0.2%	4.4%	91	2216	1.8	1.0	1.8	CA 100%
Idle Cropland	7461	7	312	0.1%	4.2%	3	134	0.4	1.0	0.4	IN 100%
Total		5070	13879			2461	7897				

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COLUMN HEADINGS

Wtd Avg = Weighted average--the most recent years and more reliable data are weighted more heavily.

Est Max = Estimated maximum, which is estimated from available data.

Average application rates are calculated from the weighted averages.

NOTES ON TABLE DATA

Usage data primarily covers 1987 - 1996. Calculations of the above numbers may not appear to agree because they are displayed as rounded to the nearest 1000 for acres treated or lb. a.i.

(Therefore 0 = < 500)

to the nearest whole percentage point for % of crop treated.

(Therefore 0% = < 0.5%)

0* = Available EPA sources indicate that no usage is observed in the reported data for this site, which implies that there is little or no usage.

A dash (-) indicates that information on this site is NOT available in EPA sources or is insufficient.

* Other/Crop Groups

Citrus, Other includes kumquats, limes, tangelos, and tangerines.

Melons include cantaloupe, watermelon, honeydew, muskmelon, and winter melon.

Nut Trees, Other includes chestnuts, filberts, hazelnuts, hickory nuts, macadamia nuts, pistachios, lychie nuts, and palm.

Stone Fruits, Other includes apricots, avocados, dates, nectarines, olives, coconuts, mangoes, and feijoa.

Vegetables, Other includes, artichokes, asparagus, okra, oriental vegetables, rhubarb, and truck garden.

SOURCES: EPA data, USDA, and National Center for Food and Agricultural Policy

12/9/12