

SIMAZINE

Case #: 0070

AI #:80807

Analyst: Istanbul Yusuf

Data years: 1987-1999 QUA date: April 18, 2001

Last edited:

EPA's QUANTITATIVE USAGE ANALYSIS

Site	Acres Grown (000)	Acres Treated (000)		% of Crop Treated		LB AI Applied (000)		Average Application Rate		States of Most Usage	
		Wtd Avg	Est Max	Wtd Avg	Est Max	Wtd Avg	Est Max	lb ai/ acre/ yr	#appl / yr	lb ai/ A/appl	(% of total lb ai used on this site)
Blackberries	5	2	3	41%	60%	4	6	1.7	1.1	1.6	OR 100%
Blueberries	59	13	25	21%	42%	19	37	1.5	1.1	1.3	MI NJ GA 85%
Cranberries	37	7	13	19%	35%	11	22	1.7	1.0	1.7	OR 100%
Raspberries	13	5	7	36%	59%	5	8	1.0	1.0	1.0	OR WA 89%
Strawberries	48	3	5	7%	9%	3	5	1.0	1.0	1.0	OR 86%
Grapefruit	189	63	104	33%	55%	290	542	4.6	1.8	2.6	FL TX 98%
Lemons	67	13	28	19%	42%	37	80	2.8	1.1	2.5	CA AZ 88%

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Limes	6	0	1	4%	9%	1	2	2.5	1.0	2.4	
Oranges	927	250	373	27%	40%	1110	2,075	4.4	1.5	3.0	FL CA 97%
Tangelos	12	3	5	28%	44%	11	23	3.3	2.1	1.6	FL 100%
Tangerines	37	9	14	23%	39%	30	60	3.5	2.2	1.6	FL 97%
Temples	7	2	3	34%	52%	6	9	2.7	1.7	1.5	FL 100%
Apples	520	120	219	23%	42%	230	440	1.9	1.1	1.8	WA MI NY PA CA WV 62%
Avocados	80	6	13	8%	16%	14	28	2.1	1.0	2.1	CA 100%

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Cherries, Sweet	52	2	3	4%	6%	3	5	1.4	1.0	1.3	MI OR 85%
Cherries, Tart	48	13	23	27%	47%	18	40	1.4	1.0	1.4	MI 82%
Nectarines	36	9	14	24%	37%	9	12	1.0	1.2	0.8	
Olives	36	10	13	29%	36%	23	27	2.3	1.3	1.7	
Peaches	259	71	136	27%	52%	120	234	1.7	1.1	1.5	SC CA GA NJ AL WV 76%
Pears	74	15	26	21%	35%	30	56	2.0	1.1	1.9	OR CA WA 87%
Plums & Prunes	144	1	7	0%	5%	0	6	0.9	1.0	0.9	MI 100%

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Pomegranates	3	3	3	89%	100%	1	3	1	1	1	
Grapes, Table	107	34	58	31%	54%	35	61	1	1	1	CA 100%
Grapes, Wine	478	94	169	20%	35%	110	190	1.2	1.0	1.1	CA 100%
Almonds	489	77	106	16%	22%	79	135	1.0	1.1	0.9	CA 100%
Filberts	33	10	22	32%	67%	16	33	1.5	1.0	1.5	OR 100%
Pecans	452	22	46	5%	10%	68	127	3.1	1.4	2.3	GA MS 86%
Walnuts	215	42	66	20%	31%	87	158	2.1	1.2	1.7	CA 99%

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Eggplant/Peppers	121	0	0	0%	0%	0	0	1.0	1.0	1.0	AL 90%
Artichokes	10	4	8	39%	80%	3	5	0.6	1.0	0.6	CA 100%
Asparagus	83	15	31	19%	37%	25	49	1.6	1.3	1.2	MI WA CA 96%
Sweet Com, Fresh	189	0	4	0%	2%	0	5	1.2	1.0	1.2	NC 100%
Sweet Com, Proc.	463	5	29	1%	6%	4	22	0.8	1.0	0.8	
Tomatoes	477	0	0	0%	0%	0	0	1.0	1.0	1.0	AL 95%
Beans & Peas, Dry	2,237	4	97	0%	4%	2	49	0.5	1.0	0.5	MN CA 100%

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Beans/Peas, Green	708	1	5	0%	1%	6	17	4	1	3	WI 99%
Sorghum	10,216	5	12	0%	0%	5	22	1	1	1	VA TX LA 83%
Corn	43,359	1,380	2,161	3%	5%	1,450	2,534	1	1	1	KY IL OH MD IN TN 71%
Barley	6,612	0	0	0%	0%	0	0	0	1	0	
Oats/Rye	5,944	2	7	0%	0%	2	6	1	1	1	OH 88%
Wheat, Spring	20,599	1	6	0%	0%	0	3	0	1	0	
Wheat, Winter	43,721	3	14	0%	0%	3	12	1	1	1	MI ID 81%

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Hay, Other	25,983	27	82	0%	0%	22	58	1	1	1	TX AR GA AL MN 88%
Alfalfa	23,665	20	40	0%	0%	15	42	1	1	1	PA KY MI OH OR ID 82%
Soybeans	66,303	2	10	0%	0%	1	7	1	1	1	OH MN IN 84%
Cotton	13,188	1	2	0%	0%	0	2	0	1	0	
Sugarcane	882	5	20	1%	2%	0	1	0	1	0	FL GA LA 100%
Crop Acres-long Term	34,757	67	189	0%	1%	60	216	1	1	1	MO IL 90%
Lots/Farmsteads/etc	23,987	8	13	0%	0%	15	32	2	1	1	CA ID AL MA OH NE 70%

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Tobacco	712	1	3	0%	0%	1	6	2	1	2	NC 100%
Woodland	62,167	28	65	0%	0%	50	136	2	1	1	IA NC MA MN WI CO 77%
Total		2,479	3,393			4,034	5,840				

NON-AGRICULTURAL CITES:

Pounds Applied

Goulf Course	60,000
Turf Farms	41,000
Electric utilities	40,000
Green House and Nurseries	93,000
Lawn Care Operators	818,000
Roadways	20,000
<u>Total</u>	<u>1,072,000</u>

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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

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%)

SOURCES: EPA data (1988-97), USDA (1990-99), and National Center for Food and Agricultural Policy (1992 data)