III. Appendices

E. Water Appendix

8. Use and Usage Information by Region

The tables below summarize the most recent use and usage information for each OP-crop combination assessed in each of the regions. This information was the basis for the application-specific inputs used in the PRZM-EXAMS modeling. The crop acreage served as inputs in deriving the region-specific cumulative adjustment factors. Sources of information are provided below each table.

EASTERN UPLANDS

Crop	Crop Acres	Pesticide	%Treated	No. Appl.	Rate (Ibsai/a)	Appl. Method	Stage	Date(s)	Range	Most Active
Alfalfa	6,800	Chlorpyrifos	10	1(1.2)	0.55		Foliar	15-Jul	May1-Sep1	
	All Hay	Ethyl	6	1(1.3)	0.36		Use			
		parathion		. ,			Deletion			
		Methyl	3	1(1.1)	0.19		Foliar	15-Jul	May1-Sep1	
		parathion								
Corn	4,400 Planted all	Terbufos	38	1	1.14	Ground	Planting	April 17	Apr1-May20	Apr10-Apr25
	purposes	Chlorpyrifos	8	1	1.17	Ground	Planting	April 17	Apr1-May20	Apr10-Apr25
Apple	7,000 Total (Bearing &	Azinphos- methyl	54	3(2.9)	0.59	Ground	Foliar	May 1 June10 Jul20	May1-Aug31	
	NonB)	Chlorpyrifos	40	4(3.8)	0.91	Ground	Green Tip- Foliar	Apr1 May8 Jun15 Jul23	Apr1-Aug31	
		Dimethoate	21	1(1.1)	0.74	Ground	Foliar	June 1	May1-Jul30	
		Methyl parathion	16	3(2.8)	0.99		Use Deletion			
		Phosmet	43	2(1.4)	1.5	Ground	Foliar	May 1 July 7	May1-Sep21	
Region: E	astern Uplands	1		State(s):	North Caroli	na			1	1

Alfalfa

Total Acres: North Carolina Department of Agriculture & Consumer Services, Agricultural Statistics Division, County Estimates, All Hay 2000

Pesticide Use: NASS 1998 Field Crops Summary. South Region: Includes AL, AR, FL, KY, LA, MS, NC, OK, SC, TN, TX, VA, WV

Apple

Total Acres: North Carolina Cooperative Extension, Henderson County Center, 2000 Henderson County Agricultural Statistics 2000 (Estimates): Apple Acreage (Bearing and non-bearing trees) *Pesticide Use:* NASS 1999 Fruit and Nut Summary

Corn

Total Acres: North Carolina Department of Agriculture & Consumer Services, Agricultural Statistics Division, County Estimates, Corn, Planted for All Purposes, 2000 *Pesticide Use:* Terbufos: NASS 2000 Field Crops Summary; Chlorpyrifos: NASS 1998 Field Crops Summary

HEARTLAND

Crop	Crop Acres	Pesticide	%Treated	Number of	Rate	Application	Stage	Date(s)	Range	Most Active
-	-			Applications	(lbs ai/a)	Method	-		-	
Corn	1,509,000	Chlorpyrifos	13	1	1.2	Ground	Planting	May 9	Ap 22-May 28	Apr 30-May18
	Planted for all	Terbufos	4	1	1.24	Ground	Planting	May 9	Ap 22-May 28	Apr 30-May18
	purposes	Chlorethoxyfos	4	1	0.08	Ground	Planting	May 9	Ap 22-May 28	Apr 30-May18
		Tebupirimphos	3	1	0.1	Ground	Planting	May 9	Ap 22-May 28	Apr 30-May18
Region: Hea	artland			State: Illinois						
Total Cropla	and Area: 3,045	,608 acres								

Corn

Total Acres: Illinois Agricultural Statistics Service, 2000 Illinois County Statistics, Corn *Pesticide Use:* Chlorpyrifos, Terbufos: NASS 2000 Field Crops Summary; Chlorethoxyfos, Tebupirimphos: NASS 1999 Field Crops Summary

MISSISSIPPI PORTAL

Сгор	Crop Acres	Pesticide	%Treated	Number of Applications			Stage	Date(s)	Range	Most Active
Corn	240,800	Chlorpyrifos	4	1	0.76	Ground	Planting	March 27	Mar10-Apr28	Mar19-Apr4
		Dimethoate	5	1	0.43	Aerial	Foliar	June 23	May 15-Jul 31	
		Tebupirimiphos	8	1	0.08	Ground	Planting	March 27	Mar10-Apr28	Mar19-Apr4
		Terbufos	12	1	0.82	Ground	Planting	March 27	Mar10-Apr28	Mar19-Apr4
Cotton	533,000	Acephate	41	2(1.7)	0.35	Ground	Planting-Foliar	May 6	Apr17-Aug31	•
						Air	Planting-Foliar	June 24	Apr17-Aug31	
		Dicrotophos	20	2(1.7)	0.27	Ground	Foliar	May 1	May1-Aug31	
		-				Air	Foliar	July 1		
		Dimethoate	3	2(1.6)	0.26	Ground	Foliar	June 15	Jun15-Jul31	
				. ,		Air	Foliar	July 8		
		Malathion	77	9(8.6)	0.87	Ground	Foliar	May 1	May1-Oct20	
				. ,		Ground	Foliar	May 20	-	
						Ground	Foliar	June 8		
						Air	Foliar	June 27		
						Air	Foliar	July 16		
						Air	Foliar	August 4		
						Air	Foliar	August 23		
						Air	Foliar	Sept 11		
						Air	Foliar	Sept 30		
		Methamidophos	4	1	0.38	Air	Foliar	July 1	May1-Aug31	
		Methyl Parathion	4	4(4.3)	0.39	Ground Air Air Air Air	Foliar Foliar Foliar Foliar	June 15 July 4 July 23 August 11	Jun15-Aug31	
		Phorate	3	1	0.61	Ground	Planting	May 6	Apr17-Jun15	Apr26-May16
		Profenofos	2	2(1.5)	0.86	Ground	Foliar	June 15	Jun15-Aug31	
		Tribufos	49	1(1.1)	0.68	Air	Harvest	Oct 9	Sept15-Nov13	Sep28-Oct20
		Disulfoton	2	1	0.74	Ground	Foliar	May 23	May1-June15	

Soybean	370,000	Methyl Parathion	32	1	0.46	Air Foliar	Aug 31	Aug1-Sept30	
Region: Miss Total Cropla			State:	Louisiana		·			

Corn

Total Acres: Louisiana Agricultural Statistics Service, 2000 Louisiana Corn Parish Estimates *Pesticide Use:* NASS 2000 Field Crops Summary: Data from Texas was used as a surrogate for Louisiana; there was no NASS survey of corn in Louisiana

Cotton

Total Acres: Louisiana Agricultural Statistics Service, 2000 Louisiana Cotton Parish Estimates **Pesticide Use:** NASS 2000 Field Crops Summary for all chemicals except disulfoton; disulfoton: NASS 1999 Field Crops Summary

Soybean

Total Acres: Louisiana Agricultural Statistics Service, 2000 Louisiana Soybean Parish Estimates *Pesticide Use:* NASS 1999 Field Crops Summary

NORTHERN CRESCENT

Crop	Crop Acres	Pesticide	%Treated	No. Appl.		Appl. Method	Stage	Date(s)	Range	Most Active
Alfalfa	117,900	Chlorpyrifos	2	1(1.2)	0.66	Ground	Foliar	June 1	May1-Jul1	
	22,456	Azinphos-						May 1 May 18 June 4 June 21 July 8	May1-Aug31 May1-Aug31 May1-Aug31 May1-Aug31 May1-Aug31	
Apple		methyl	89	7(6.5)	0.13	Ground	Foliar	July 25 August 11	May1-Aug31 May1-Aug31	
		Diazinon	34	2(1.4)	0.22	Ground	Delayed Dormant- Petal Fall	March 15 April14	Mar15-May15 Mar15-May15	
		Dimethoate	2	2(2.1)	0.16	Ground	Foliar	May 1	May1-Jul31	
								June 1	May1-Jul31	
		Methidathion	3	2(1.7)	0.41	Ground	Green Tip-Petal Fall	April 1 23-Ap	Apr1-May15 r Apr1-May15	
		Methyl parathion	57	4(3.8)	0.12		Use Deleti			-
		Phosmet		3(2.9)	0.4	Ground	Foliar	May 1 June 18 August 5	May1-Sep21 May1-Sept21 May1-Sept21	
Cantaloupe	443	No usage data		- \ /						
Corn	459,000	Chlorpyrifos	7	1	1.1	Ground	Planting	May 17	Apr30-Jun15	May10-May 25
		Tebupirimph os	7	1	0.11	Ground	Planting	May 17	Apr30-Jun15	May10-May 25
		Terbufos	2	1	1.07	Ground	Planting	May 17	Apr30-Jun15	May10-May 25
Peach	4,082	Azinphos- methyl	80	5(4.7)	0.55	Ground		April 15 May 9 June 2 June 26 July 25	Apr15-Aug15 Apr15-Aug15 Apr15-Aug15 Apr15-Aug15 Apr15-Aug15	

		Chlorpyrifos	11	1(1.1)	0.95	Ground	After Harvest	Sept. 30	Sep1-Oct-30	
		Methyl parathion		3(2.8)	0.14		Use Deletion	<u>00pt. 00</u>		
		Phosmet		3(2.9)	0.43	Ground		April 15 May 26 July 6	Apr15-Aug15 Apr15-Aug15 Apr15-Aug15	
Pear	626	Azinphos- methyl	86	3(2.4)	0.32	Ground	Foliar	April 15 May 26 July 6	Apr15-Aug15 Apr15-Aug15 Apr15-Aug15	
l		Chlorpyrifos	61	1	0.23	Ground	Dormant-D elayed Dormant	March 1	Mar1-Apr1	
		Phosmet	60	5(4.6)	0.46	Ground	Foliar	April 15 May 9 June 2 June 26 July 20	Apr15-Aug15 Apr15-Aug15 Apr15-Aug15 Apr15-Aug15 Apr15-Aug15	
		Methyl parathion		3(3.3)	0.40		Use Deletion	July 20	April-Augil	
Pumpkin	1060	Azinphos- methyl	3	2(1.6)	0.53	Ground	Foliar	July 1 August 16	Jul1-Oct1 Jul1-Oct1	
	rthern Cresc and Area: 1	ent ,065,162 acres		State(s): P	ennsylvania	a				

Alfalfa

Total Acres: Pennsylvania Agricultural Statistics Service, Dry Alfalfa Hay-Acreage, Yield, Production & Value, 2000

Pesticide Usage: NASS 1998 Field Crops Summary. Northeast Region: Includes CT, DE, MA, ME, MD, NH, NJ, NY, PA, RI, VT

Apple

Total Acres: USDA NASS 1997 Census of Agriculture-County Data, Fruits and Nuts *Pesticide Usage:* NASS 1999 Fruit and Nut Summary

Cantaloupe

Total Acres: USDA NASS 1997 Census of Agriculture-County Data, Vegetables, Sweet Corn, and Melons Harvested for Sale

Pesticide Usage: No data available

Corn

Total Acres: Pennsylvania Agricultural Statistics Service, Corn for Grain-Acreage, Yield, Production & Value, 2000 *Pesticide Usage:* Chlorpyrifos: NASS 2000 Field Crops Summary; Tebupirimphos, Terbufos: NASS 1998 Field Crops Summary

Peach

Total Acres: USDA NASS 1997 Census of Agriculture-County Data, Fruits and Nuts *Pesticide Usage:* NASS 1999 Fruit and Nut Summary

Pear

Total Acres: USDA NASS 1997 Census of Agriculture-County Data, Fruits and Nuts *Pesticide Usage:* NASS 1999 Fruit and Nut Summary

Pumpkin

Total Acres: USDA NASS 1997 Census of Agriculture-County Data, Vegetables, Sweet Corn, and Melons Harvested for Sale

Pesticide Usage: NASS 2000 Vegetable Summary

NORTHERN GREAT PLAINS; MINNESOTA

Crop	Crop Acres	Pesticide	%Treated	No. Appl.	Rate	Appl.	Stage	Date(s)	Range	Most Active
•	•				(Ibsai/a)	Method	U U	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~		
Corn	105,500	No OP use re	ported			-				
Potato	13,900	Azinphos- methyl	11	1	0.39	Aerial	Foliar	July 31	Jul1-Aug30	
		Dimethoate	23			Aerial	Foliar	July 31	Jul1-Aug30	
Sugarbeet	202,300	Chlorpyrifos	9	1(1.2)	0.98	Ground	Planting	May 10	Apr22-May30	Apr30-May20
-		Terbufos	51	1	1.75	Ground	Planting	May 10	Apr22-May30	Apr30-May20
Wheat	661,200	Chlorpyrifos	4(3.6)	1	0.5	Aerial	Foliar	July 3	Jun15-Jul21	
	thern Great Pla			State(s):	Minnesota					
l otal Cropia	and Area: 1,90	1,194 acres								

Corn

Total Acres: Minnesota Agricultural Statistics Service, Corn:Acreage Planted for All Purposes, Harvested for Grain, Yield, and Production, by County and District, Minnesota, 1999-2000, Planted Acreage 2000 *Pesticide Usage:* No Ops published for this state in NASS surveys

Potato

Total Acres: Minnesota Agricultural Statistics Service, Potatoes:Acreage, Yield, and Production, by County and District, Minnesota, 1999-2000, Planted Acreage 2000

Pesticide Usage: NASS 1999 Field Crops Summary

Sugarbeet

Total Acres: Minnesota Agricultural Statistics Service, Sugarbeet:Acreage, Yield, and Production, by County and District, Minnesota, 1999-2000, Planted Acreage 2000 *Pesticide Usage:* NASS 2000 Field Crops Summary

Wheat

Total Acres: Minnesota Agricultural Statistics Service, All Wheat:Acreage, Yield, and Production, by County and District, Minnesota, 1999-2000, Planted Acreage 2000

Pesticide Usage: Zollinger, R.K., G.K.Dahl, M.P. McMullen, P.A. Glogoza, A.G. Dexter, S.A. Fitterer, G.E. Waldhaus, & K. Ignaszewski. 1998. Pesticide use and pest management practices for major crops in North Dakota 1996. Extension Service Report No 43. North Dakota data serves as surrogate for Minnesota; no OP use reported by NASS for wheat in Minnesota.

NORTHERN GREAT PLAINS: NORTH DAKOTA

Crop	Crop Acres	Pesticide	%Treated	No. Appl.	Rate	Appl.	Stage	Date(s)	Range	Most Active
-	-					Method				
Corn	71,800	No OP use re	ported				•	-	•	
Potato	87,100	Azinphos-me thyl	19	1	0.48	Aerial	Foliar	July31	Jul1-Aug30	
		Dimethoate	24	2(2.2)	0.27	Aerial	Foliar	July 31	Jul1-Aug30	
Sugarbeet	143,200	Chlorpyrifos	13			Ground	Planting	May 10	Ap22-May30	Ap30-May20
-		Phorate	4	1	1.03	Ground	Planting	May 10	Ap22-May30	Ap22-May3-
		Terbufos	69	1	1.97	Ground	Planting	May10	Ap22-May30	Ap30-May20
Wheat	840,900	Chlorpyrifos	4(3.6)	1	0.5	Aerial	Foliar	July 3	Jun15-Jul21	
•	thern Great Pla and Area: 1,94			State(s):	North Dakot	a				

Corn

Total Acres: North Dakota Agricultural Statistics Service, Corn County Estimates, North Dakota 2000, Acres Planted

Pesticide Usage: No OPs published for this state in NASS surveys

Potato

Total Acres: North DakotaAgricultural Statistics Service, Potato County Estimates, North Dakota 2000, Acres Planted

Pesticide Usage: NASS 1999 Field Crops Summary

Sugarbeet

Total Acres: North Dakota Agricultural Statistics Service, Sugarbeets: Acreage and Production, North Dakota 1999, Acres Planted

Pesticide Usage: NASS 2000 Field Crops Summary

Wheat

Total Acres: North Dakota Agricultural Statistics Service, All Wheat County Estimates, North Dakota, 2000, Acres Planted

Pesticide Usage: Zollinger, R.K., G.K.Dahl, M.P. McMullen, P.A. Glogoza, A.G. Dexter, S.A. Fitterer, G.E. Waldhaus, & K. Ignaszewski. 1998. Pesticide use and pest management practices for major crops in North Dakota 1996. Extension Service Report No 43. No OP use published by NASS for wheat in North Dakota.

NORTHWEST FRUITFUL RIM

Crop	Crop Acres	Pesticide	%Treated	No. Appl.	Rate (Ibsai/a)	Appl. Method	Stage	Date(s)	Range	Most Active
Apples	1,880	Azinphos-	86	3 (2.7)	0.89	Ground	Foliar	May 1	May1-Sep1	
	Harvested	methyl		. ,		Ground	Foliar	June 11	May1-Sep1	
						Ground	Foliar	July 22	May1-Sep1	
		Chlorpyrifos	81	1 (1.1)	1.84	Ground	Dormant- Delayed D	February 1	Feb1-Apr1	
		Diazinon	4	2 (1.4)	0.65	Ground	Foliar	February 1	Feb1-Sep1	
						Ground	Foliar		Feb1-Sep1	
		Dimethoate	29		0.77	Ground	Foliar	May 1	May1-Jul1	
		Malathion	6	2 (1.9)	0.94	Ground	Foliar	May 1	May1-Jul1	
						Ground	Foliar	June 1	May1-Jul1	
		Methyl parathion	45	2	1.39			Use c	ancelled.	
		Phosmet	16	2 (1.5)	2.24	Ground	Foliar	May 1	May1-Sep1	
						Ground		July 1	May1-Sep1	
Beans, Snap	22,081a Harvested	Diazinon	21	1	0.55	Ground	Foliar	June 15	Jun 15- Aug31	
		Ethoprop	53	1	2.42	Ground	At Planting	April 30	Apr30-Jun30	
Blackberries	5,935	Azinphos-Me	11	1(1.1)	0.41	Ground	Foliar	April 1	Ap 1-June 30	
		Diazinon	16	1	1.16	Ground	Foliar	March 15	March 15- March 30	
Blueberries	2,395	Diazinon	28	1	0.8	Ground	Foliar	March 1	Mar 1-Jun 30	
		Malathion	9	2(1.5)	1.62	Ground	Foliar	April 1 June 2	Ap 1-Jul 31 Ap 1-Jul 31	
Broccoli	2,560b	Bensulide	15	1(1.1)	3.64	Ground	At Planting	May 1	May 1-Jul31	
	Harvested	Chlorpyrifos	31	1(1.2)			At Planting		May 1-Jul31	
		Diazinon	21	1(1.3)	0.81	Foliar	Foliar	July 1	Jul1-Sep15	
		Disulfoton	6	1	1.02	Foliar		July 1	Jul1-Sep15	
		Naled	6	1	1.4	Foliar	Foliar	July 1	Jul1-Sep15	
Cabbage	885c	Bensulide	10		3.82		At Planting		Mar15-Jul31	
	Harvested	Chlorpyrifos	45	1(1.1)		Ground	At Planting	March 15	Mar15-Jul31	
		Dimethoate	40	2(1.8)	0.48	Ground		July 15	Jul15-Aug30	
						Ground	Foliar	August 7	Jul15-Aug30	

		Oxydemeton- methyl	48	2(1.4)	0.57	Ground	Foliar	July 15	Jul15-Aug30	
Cauliflower	1,910d	Acephate	4	1	0.84	Ground	Foliar	August 15	Aug15-Oct15	
	Harvested	Diazinon	6	2(1.4)		Ground		August 15	Aug15-Oct15	
				· · · · ·		Ground		Sept 15	Aug15-Oct15	
		Dimethoate	32	1(1.2)	0.47	Ground		August 15	Aug15-Oct15	
		Naled	14		1.41	Ground		August 15	Aug15-Oct15	
Cherries,	3,195	Azinphos-	25	1 (1.2)		Ground		May 15	May15-Jun30	
sweet	Harvested	methyl	-	()					.,	
			65	1	0.87	Ground	Dormant- Delayed D	February 1	Feb1-Mar30	
		Diazinon	10	1	2.2	Ground	Dormant- Foliar	February 1	Feb1-Jul15	
		Dimethoate	24	1	0.97	Ground	Foliar	April 15	Apr15-Jun15	
		Malathion	66	4 (4.1)	0.81	Aerial	Foliar	May 15	May15-Jul15	
				. ,	1.16	Aerial		May 30	May15-Jul15	
						Aerial		June 15	May15-Jul15	
						Aerial	Foliar	June 30	May15-Jul15	
		Phosmet	10	1	0.81		Not I	abelled for s	sweet cherries.	
Cherries, tart		Dimethoate	79	1	0.91	Ground	Foliar	April 15	Apr15-Jun15	
		Diazinon	48	1 (1.3)	0.91	Ground	Foliar	February 1	Feb1-Jul15	
		Phosmet	7	2 (1.5)	1.6	Ground		May 15	May15-Jun30	
						Ground	Foliar	June 7	May15-Jun30	
Christmas	38,018	Chlorpyrifos	6	1	1	Ground	Foliar	May 1	May 1-Jun 15	
trees		Dimethoate	7	1	0.5	Ground		May 1	May 1-Jun 15	
		Oxydemeton- Me	3	1	0.38	Ground	Foliar	April 15	April 15-Jun 15	
Corn, sweet	35,070e Planted	Chlorpyrifos	28		1.33		At Planting		Apr15-Jul10	
Cucumbers	2,815f Harvested	Bensulide	23	1	3.24	Ground	At Planting	May 10	May10-Jun30 Apr15-Jul30	
Hazelnut	29,080 Bearing Trees		20	1(1.2)	1.24	Ground	Foliar	April 15		
Hops	5,810	Chlorpyrifos	use not regi	stered						
			50	3	1	Ground	Foliar	June 1	Jun1-Aug 31	
						Ground		July 2	Jun1-Aug 31	
						Ground	Foliar	August 2	Jun1-Aug 31	

Mint	12,100g	Acephate	39		0.97	Ground	Foliar	July 15	Jun15-Jul15	
	Harvested	Chlorpyrifos	32	1	1.89	Ground	Foliar	August 20	Aug20-	
									Sep30	
Nursery	21,000	Acephate	25	1	1	Ground	Foliar	April 1	Apr 1-Sept 1	
Trees, and		Chlorpyrifos	25	1	1	Ground	Foliar	April 1	Apr 1-Sept 1	
Shrubs, Field Grown		Diazinon	15	1	0.69	Ground	Foliar	April 1	Apr 1-Sept 1	
Onions, Dry	1,580h	Chlorpyrifos	89	1	1.02	Ground	At Planting	March 20	Mar20-Apr15	
-	Harvested	Diazinon	9	1	0.8	Ground	Foliar	July 1	Jul1-Aug31	
		Malathion	8	2 (1.5)	1.86	Ground	Foliar	July 1	Jul1-Aug31	
				. ,		Ground	Foliar	August 1	Jul1-Aug31	
		Methyl parathion	35	2	0.5	Ground	Foliar		Jul1-Aug31	
		'				Ground	Foliar	August 1	Jul1-Aug31	
Orchardgras s	16,400	Chlorpyrifos	88		1	Ground	Foliar	April 1	April 1-June 1	
Pears	428i	Azinphos-	54	2 (1.6)	0.97	Ground	Foliar	April 15	Apr15-Aug15	
	Harvested	methyl				Ground	Foliar	June 15	Apr15-Aug15	
		Chlorpyrifos	59	1	2.02	Ground	Dormant- delayed D	February 1	Feb1-Apr1	
		Methidathion	2	1	1.31	Ground	delayed D	February 1	Feb1-Apr1	
		Phosmet	66	2 (1.7)	2.86	Ground	Foliar	April 15	Apr15-Aug15	
						Ground	Foliar	June 15	Apr15-Aug15	
		Diazinon	9	1	1.04	Ground	Foliar	May 15	May15- Aug15	
Peas, green	3,635j	Dimethoate	67	1(1.1)		Ground	Foliar		May1-Jun1	
-	Harvested	Diazinon	3		0.5	Ground	Foliar		May1-Jun1	
Raspberries	3,345	Diazinon	38		1.06	Ground		March 1	Mar15-30	
		Malathion	52		2.06	Ground	Foliar	May 1	May1-Jul30	
Squash	2,795k	Malathion	9	2 (1.5)	1.43	Ground		July 1	Jul1-Aug1	
						Ground	Foliar	July 16	Jul1-Aug1	

* Use and usage data is for California; NASS data not reported for Oregon.

a Includes fresh (156), processed (19,105), and non-disclosed processed (2,280) for 2000.

b Includes fresh (70) for 2000 and non-disclosed processed (2,490) for 1998.

c Includes Clackamas, Marion, Polk and non-disclosed counties for 2000.

d Includes fresh (25) acreage for 2000 and non-disclosed Wilamette Valley for 1998

e Includes fresh (3,740), processed (15,790), and non-disclosed processed (15,540) for 2000.

f Includes fresh (215) for 2000 and non-disclosed processed (2,600) for 1998. g Peppermint for oil in 2000. h Dry storage onions for 2000. i Includes Bartlett (250), Asian (138), and winter (40) pears for 2000. j Includes non-disclosed (3,635) for Willamette Valley for 2000. k Includes squash and pumpkins (2,795) for 2000. Region: Northwest Fruitful Rim Total Cropland Area: 1,231,332 acres

Apple

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 5105 Apples in 2000

Pesticide Usage: Azinphos-methyl, chlorpyrifos, diazinon, dimethoate and phosmet: NASS 1999 Fruit and Nut Summary; malathion: NASS 1997 Fruits Summary

Bean, Snap

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7210 Snap Beans, Fresh in 2000 and 7310 Snap Beans, Processed in 2000. Includes fresh (156 acres) and disclosed and non-disclosed processed (21,925 acres)Willamette Valley counties **Pesticide Usage:** NASS 2000 Vegetable Summary

Blackberries

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 6122 Evergreen Blackberries in 200 and 6124 Marion and Other Blackberries in 2000

Pesticide Usage: NASS 1999 Fruit and Nut Summary

Blueberries

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 6140 Blueberries in 2000

Pesticide Usage: NASS 1999 Fruit and Nut Summary

Broccoli

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7260 Broccoli, Fresh in 2000 and 7360 Broccoli Processed in 1998. Includes fresh (70 acres) for 2000 and non-disclosed processed (2,490 acres) Willamette Valley counties for 1998 *Pesticide Usage:* NASS 2000 Vegetable Summary. Data from California was used as a surrogate for Oregon; there was no NASS survey of broccoli in Oregon.

Cabbage

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7140 Cabbage in 2000. Includes disclosed and undisclosed Willamette Valley counties.

Pesticide Usage: NASS 2000 Vegetable Summary. Data from California was used as a surrogate for Oregon; there was no NASS survey of cabbage in Oregon.

Cauliflower

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7270 Cauliflower, Fresh in 2000 and 7370 Cauliflower, Processed in 1998. Includes fresh (25 acres) and non-disclosed processed (1,885) Willamette Valley counties *Pesticide Usage:* NASS 2000 Vegetable Summary. Data from California was used as a surrogate for Oregon; there was no NASS survey of cauliflower in Oregon.

Cherries, Sweet

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 5110 Sweet Cherries in 2000

Pesticide Usage: NASS 1999 Fruit and Nut Summary

Cherries, Tart

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 5115 Tart Cherries in 2000

Pesticide Usage: Dimethoate: NASS 1999 Fruit and Nut Summary; diazinon and phosmet: NASS 1997 Fruits Summary

Christmas Trees

Total Acres: Jenkins, J. and P. Thomson. 1998. Pesticide Use in Oregon's Drainage Basins. Agriculture Chemistry Extension, Department of Environmental and Molecular Toxicology, Oregon State University. **Pesticide Usage:** Ripebold, J.W. 1999. USDA Crop Profile for Christmas Trees in Oregon and Washington

Pesticide Usage: Rinehold, J.W. 1999. USDA Crop Profile for Christmas Trees in Oregon and Washington. Revised January 1999.

Corn, Sweet

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7240 Sweet Corn, Fresh in 2000 and 7340 Sweet Corn, Processed in 2000. Includes fresh (3,740 acres) and disclosed (15,790 acres) and non-disclosed (15,540 acres) Willamette Valley counties

Pesticide Usage: NASS 2000 Vegetable Summary

Cucumbers

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7280 Cucumbers, Fresh in 2000 and 7380 Cucumbers, Processed in 1998. Includes fresh (215 acres) and non-disclosed processed (2,600 acres) for Willamette Valley Counties. *Pesticide Usage:* NASS 2000 Vegetable Summary. Data for fresh cucumbers in California was used as a surrogate for Oregon; there were no NASS surveys of cucumbers in Oregon.

HazeInuts

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 5150 Hazelnuts in 2000 *Pesticide Usage:* NASS 1999 Fruit and Nut Summary

Hops

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 4220 Hops in 2000. Includes non-disclosed (5,810 acres) Willamette counties. *Pesticide Usage:* USDA 1999. Crop Profile for Hops in Oregon. Revised November 23, 1999

Mint

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 4205 Peppermint Oil in 2000

Pesticide Usage: Rinehold, J.W., J.J. Jenkins and R. Lundy. 1999. Pesticide use in Oregon peppermint and spearmint. Draft. Prepared for the Mint Industry Research Council, Stevenson, WA, 1999. Summary cited in USDA Crop Profile for Mint in Oregon, Revised September 2, 1999.

Nursery: Trees and Shrubs

Total Acres: Rinehold, J. and J.J. Jenkins. 1994 Pesticide Use Survey. Oregon Pesticide Use Estimates for Seed and Specialty Crops, 1992. Oregon State University Publication No. EM 8658

Pesticide Usage: Rinehold, J. and J.J. Jenkins. 1994 Pesticide Use Survey. Oregon Pesticide Use Estimates for Seed and Specialty Crops, 1992. Oregon State University Publication No. EM 8658

Onions, Dry

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7115 Dry Storage Onions in 2000.

Pesticide Usage: NASS Vegetable Summary

Orchardgrass

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 3165 for Orchardgrass in 2000

Pesticide Usage: Rinehold, J. and J.J. Jenkins. 1994 Pesticide Use Survey. Oregon Pesticide Use Estimates for

Seed and Specialty Crops, 1992. Oregon State University Publication No. EM 8658

Pears

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 5125 Bartlett Pears in 2000, 5127 Asian Pears in 2000, and 5130 Winter Pears in 2000

Pesticide Usage: All pesticides except diazinon: NASS 1999 Fruit and Nut Summary; diazinon: NASS 1997 Fruits Summary

Peas, Green

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7420 Green Peas in 2000. Includes non-disclosed (3,635 acres) Willamette Valley counties.

Pesticide Usage: Dimethoate: NASS 2000 Vegetable Summary; diazinon: 1998 Vegetable Summary

Raspberries

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 6110 Red Raspberries in 2000 and 6115 Black Raspberries in 2000. *Pesticide Usage:* NASS 1999 Fruit and Nut Summary

Squash

Total Acres: Oregon State University Extension Service, Oregon Agricultural Information Network (OAIN) Commodity Report (By County) for 7440 Squash and Pumpkins in 2000. Includes acreage for both squash and pumpkins.

Pesticide Usage: NASS 2000 Vegetable Summary. Data from California was used as a surrogate for Oregon; squash was not surveyed by NASS in Oregon.

PRAIRIE GATEWAY

Crop	Crop	Pesticide				Application	Stage	Date(s)	Range	Most Active
	Acres		Treated	Applications	(lbs ai/a)					
lfalfa		Chlorpyrifos	10	1(1.2)			Foliar	June 16	May15-Jul15	
		Ethyl parathion	6				Use deletion			
		Methyl parathion	3				Foliar	June 16	May15-Jul15	
Corn	404,800	Chlorpyrifos	4	1			Planting	April 9	Feb28-May15	Mar20-Apr29
	Planted	Dimethoate	5				Foliar	July 1	Jun1-Aug1	
		Tebupirimiphos	8					April 9	Feb28-May15	Mar20-Apr29
		Terbufos	12				Planting	April 9	Feb28-May15	Mar20-Apr29
otton		Acephate	6	2(1.5)	0.57			May 1	May1-Jun10	
	Planted					Ground	Foliar	May 21	May1-Jun10	
		Azinphos-methyl	4	2(1.8)	0.27			May 20	May20-Oct1	
							Foliar	July 26	May20-Oct1	
		Chlorpyrifos	5	2(1.9)	0.64	Aerial	Foliar	June 15	Jun15-Aug15	
				. ,		Aerial	Foliar	July 16	Jun15-Aug15	
		Dicrotophos	5	2(1.5)	0.14	Ground	Foliar	May 1	May1-Jun15	
						Ground	Foliar	May 24	May1-Jun15	
		Malathion	41	7(6.5)	1.02	Ground	Foliar	May 15	May15-Oct15	
				. ,		Aerial	Foliar	June 6	May15-Oct15	
						Aerial	Foliar	June 28	May15-Oct15	
						Aerial	Foliar	July 20	May15-Oct15	
						Aerial	Foliar	Aug 11	May15-Oct15	
						Aerial	Foliar	Sept 2	May15-Oct15	
						Aerial	Foliar	Sept 24	May15-Oct15	
		Methyl parathion	6	2(2.3)	0.64	Ground	Foliar	May 15	May15-Oct15	
				. ,		Aerial	Foliar	July 31	May15-Oct15	
		Phorate	4	1	0.44	Ground	Planting	April 13	Mar20-Jun1	Apr1-Apr25
		Dimethoate	2	2(1.7)	0.24	Ground	Foliar	May 1	May1-Jun15	
				. ,		Ground	Foliar	May 24	May1-Jun15	
		Tribufos	11	1	0.51	Aerial	Foliar	Nov 1	Aug10-Dec28	Oct1-Dec2
orghum	200,300 Planted	Chlorpyrifos	5	1	0.44	Aerial	Foliar	May 2	Apr1-Jun1	
/heat		Dimethoate	5	1(1.1)	0.28	Aerial	Foliar	Nov 8	Oct15-Dec1	
nical	Planted		5	1(1.1)	0.20	Aeriai				
	Prairie Gatew	l		State: Texas						

Alfalfa

Total Acres: USDA NASS 1997 Census of Agriculture-County Data, Field Seed, Grass Seeds, Hay, Forage, and

Silage

Pesticide Usage: NASS 1998 Field Crops Summary. South Region: Includes AL, AR, FL, KY, LA, MS, NC, OK, SC, TN, TX, VA, WV

Corn

Total Acres: Texas Agricultural Statistics Service County: Texas All Corn County Estimates 2000, Acreage Planted

Pesticide Usage: NASS 2000 Field Crops Summary

Cotton

Total Acres: Texas Agricultural Statistics Service County: Texas All Upland Cotton County Estimates 2000, Acreage Planted

Pesticide Usage: All pesticides except dimethoate and tribufos: NASS 2000 Field Crops Summary; dimethoate and tribufos: NASS 1999 Field Crops Summary

Sorghum

Total Acres: Texas Agricultural Statistics Service County: Texas All Sorghum County Estimates 2000, Acreage Planted

Pesticide Usage: NASS 1998 Field Crops Summary. Data from Kansas was used as a surrogate for Texas; NASS data was not collected for sorghum in Texas.

Wheat

Total Acres: Texas Agricultural Statistics Service County: Texas All Wheat County Estimates 2000, Acreage Planted

Pesticide Usage: NASS 1998 Field Crops Summary

SOUTHERN SEABOARD

Crop	Crop Acres	Pesticide		Number of Applications		Application Method	Stage	Date(s)	Range	Most Active
Corn	62,500 Planted	Terbufos	38			Ground	Planting	April 17	Apr1-May20	Apr10-Apr25
	all purposes	Chlorpyrifos	8	1	1.17	Ground	Planting	April 17	Apr1-May20	Apr10-Apr25
Cotton	209,300 Planted all	Acephate	16	1	0.27	Ground	Foliar	June 11	May1-Jul21	
	purposes	Dimethoate	2	2(1.6)	0.1	Ground	Foliar	May 1 June11	May1-Jul21	
		Phorate	4	1	0.9	Ground	Planting	May 10	Apr21-Jun8	May1-May20
		Tribufos	39	1	0.46	Ground	Harvest	Oct 19	Sep27-Dec15	Oct7-Nov15
		Disulfoton	11	1	0.66	Ground	Planting	May 10	Apr21-Jun8	May-May20
Peanuts	29,940 Acres	Acephate	5	1	0.47	Ground	Planting- Foliar	May 25	Apr28-Jun21	
	Harvested	Chlorpyrifos	25	1	0.63	Ground	Foliar (Southern corn rootworm)	July 7	Jun15-Aug1	
		Phorate	20	1	0.91	Ground	Planting	May 18	Apr28-Jun2	May8-May28
Sod	None Reported									
Tobacco	26,755 Acres	Acephate	70	1(1.2)	0.75	Ground	Foliar	June 30	May15-Aug15	
	Harvested	Chlorpyrifos	25	1	2.3	Ground	Planting	May 16	Apr18-Jun2	May7-May25
		Ethoprop	6(5.5)	1	5.2	Ground	Planting	May 16	Apr18-Jun2	May7-May25

	Fenamiphos	15	1	3	Ground	Planting	May 16	Apr18-Jun2	May7-May25
Region: Sou Total Cropla			State: North	Carolina					

Corn

Total Acres: North Carolina Department of Agriculture & Consumer Service, Agricultural Statistics Division-County Estimates. Corn for Grain-Acres, Yield, and Production By County, North Carolina, 1999-2000. Acres planted for all purposes 2000.

Pesticide Usage: Terbufos: NASS 2000 Field Crops Summary; Chlopyrifos: NASS 1999 Field Crops Summary Cotton

Total Acres: North Carolina Department of Agriculture & Consumer Service, Agricultural Statistics Division-County Estimates. Cotton-Acres, Yield, and Production By County, North Carolina, 1999-2000. Acres planted for all purposes 2000.

Pesticide Usage: All pesticides except disulfoton: NASS 2000 Field Crops Summary; disulfoton: NASS 1999 Field Crops Summary

Peanuts

Total Acres: North Carolina Department of Agriculture & Consumer Service, Agricultural Statistics Division-County Estimates. Peanuts-Acres, Yield, and Production By County, North Carolina, 1999-2000. Acres harvested for 2000.

Pesticide Usage: NASS 1999 Field Crops Summary

Tobacco

Total Acres: North Carolina Department of Agriculture & Consumer Service, Agricultural Statistics Division-County Estimates. Tobacco-Acres, Yield, and Production By Counties and By Types, North Carolina, 1999-2000. Acres planted for all purposes 2000.

Pesticide Usage: NASS 1999 Field Crops Summary

SOUTHEAST FRUITFUL RIM

Crop	Crop Acres	Pesticide	% Treated	Number of Applications		Application Method	Stage	Date(s)	Range	Most Active
Corn, Sweet	24,022	Chlorpyrifos	80			Aerial	Foliar	October 1	Oct1-Dec1	
(Fresh)	Planted					Aerial	Foliar	February 15	Feb15- May15	
		Phorate	69	1	1.3	Ground	At Planting	Sept 1	Sep1-Feb1	
Cucumber	Acreage less th	nan 100 acres								
Golf Courses (155)	No NASS Infor	mation Available								
Grapefruit	1,971 Planted	Chlorpyrifos	5	2(1.5)	1.88	Ground Ground	Foliar Foliar	January 1 February 15	Jan1-Mar31 Jan1-Mar31	
		Ethion: Use Beir	ng Phased C	Dut		-				_
Lettuce	3,200 Planted	Diazinon	51	2(1.7)	0.69	Ground	Foliar	October 15	Oct15-Apr30	
						Ground	Foliar	January 22	Oct15-Apr30	
Nursery	6,375 Planted	No OP Informati	on Available)						
Oranges	5,850 Planted	Chlorpyrifos	5	2(2.2)	0.57	Ground	Foliar	January 1	Jan1-Mar31	
						Ground	Foliar	February 15	Jan1-Mar31	
		Ethion: Use Bei	ng Phased C	Dut						
	4,000 Planted	Acephate	28	3	0.76	Ground	Foliar	October 15	Oct15-Mar15	1
(Bell)						Ground	Foliar	December 5	Oct15-Mar15	
<u> </u>	44.454					Ground	Foliar	January 25	Oct15-Mar15	
Sod	11,154 Planted	No OP Informati	on Available)						
Sugarcane	430,548	Azinphos-methy	I: Use Canc	elled						
	Planted	Ethoprop	6			Ground		September 1	Sep1-Jan15	
		Phorate	10(9.5)			Ground		September 1	Sep1-Jan15	
Tangelos	352 Planted	Chlorpyrifos	5	1(1.2)	1.01	Ground	At Planting	January 1	Jan1-Mar31	
		Ethion: Use Bei	ng Phased (Out	•	•	•			
Tangerines	1,216 Planted	Chlorpyrifos	10	2(1.7)	0.72	Ground Ground	Foliar Foliar	January 1 February 15	Jan1-Mar31 Jan1-Mar31	
		Ethion: Use Beir	ng Phased C	Dut	1	0.00110	1. 5.101	. condary to		1
Temples	C24 Dianta -	Ethiony Llos Dai		N4						
Temples	634 Planted	Ethion: Use Beir	ig Phased C	Jui						

Tomatoes (Fresh)	2,800 Planted	Diazinon	7	2(1.4)	Ground Ground	Foliar Foliar	November 1 January 23	Nov1-Apr15 Nov1-Apr15
(Methamidophos	14	3(3.2)	Ground	Foliar	November 1 December 26	Nov1-Apr15
Watermelon	Acreage less tl	nan 100 acres						• • •
Region: Sout Total Croplar	heast Fruitful R nd Area:	im	State: Florida					

Corn, Sweet

Total Acres: Florida Cooperative Extension Service, Palm Beach County. Palm Beach County Vegetable Production (1999-2000 Growing Season)

Pesticide Usage: NASS 2000 Vegetable Summary

Grapefruit

Total Acres: Florida Agricultural Statistics Service. Commercial Citrus Inventory 2000 *Pesticide Usage:* NASS 1997 Fruits Summary

Lettuce

Total Acres: Florida Cooperative Extension Service, Palm Beach County. Palm Beach County Vegetable Production (1999-2000 Growing Season)

Pesticide Usage: NASS 2000 Vegetable Summary

Oranges

Total Acres: Florida Agricultural Statistics Service. Commercial Citrus Inventory 2000 *Pesticide Usage:* NASS 1997 Fruits Summary

Peppers

Total Acres: Florida Cooperative Extension Service, Palm Beach County. Palm Beach County Vegetable Production (1999-2000 Growing Season)

Pesticide Usage: NASS 1998 Vegetable Summary

Sugarcane

Total Acres: Florida Cooperative Extension Service, Palm Beach County. Palm Beach County Agricultural Acreage (1999-2000 Growing Season)

Pesticide Usage: US EPA Organophosphate Use/Usage Matrix - Crop Summary (Draft). Site: Sugarcane. Region: National (Florida, Louisiana, Texas and Hawaii). Date: 01/29/99.

Tangelos

Total Acres: Florida Agricultural Statistics Service. Commercial Citrus Inventory 2000 *Pesticide Usage:* NASS 1999 Fruit and Nut Summary

Tangerines

Total Acres: Florida Agricultural Statistics Service. Commercial Citrus Inventory 2000 *Pesticide Usage:* NASS 1999 Fruit and Nut Summary

Tomatoes

Total Acres: Florida Cooperative Extension Service, Palm Beach County. Palm Beach County Vegetable Production (1999-2000 Growing Season)

Pesticide Usage: NASS 2000 Vegetable Summary

California North Central Valley

Crop StageMethyl PTotal Acre Treatments / SCV counties 1998SSTotal Acre Treatments / Acre Planted (%Air, %Ground):Total Acre Treatments / Acre Planted (%Air, %Ground):Colspan=Application Method (%Air, %Ground):Colspan=Colspan=Application Method (%Air, %Ground):Colspan=Colspan=Acre Flanted (88,940): </th <th></th> <th></th> <th> </th>			
WeekMidpoint DatePEMHChlorpy rifosDimetho ateMalathio nParathio nMethad athionPhosme athionTotal Pounds (AI) Applied:32,6021,0632,446925306,267Total Acre Treatments:57,9593,0382,1681,109308,799Application Rate (lbs ai/Acre), SCV counties 1998:0.560.351.130.831.000.71Application Rate (lbs ai/Acre), All California 1998: </th <th></th> <th></th> <th></th>			
Total Point Date integration integratin		1	
Total Pounds (AI) Applied: 32,602 1,063 2,446 925 30 6,267 Total Acre Treatments: 57,959 3,038 2,168 1,109 30 8,799 Application Rate (lbs ai/Acre), SCV counties 1998: 0.56 0.35 1.13 0.83 1.00 0.71 Application Rate (lbs ai/Acre), All California 1998: 0.56 0.051 0.0244 0.0125 0 0.0989 Total Acre Treatments / Acre Planted (88,940): 0.65166 0.03416 0.0244 0.0125 0 0.0989 1 January 4 <td< td=""><td></td><td></td><td></td></td<>			
Total Acre Treatments: 57,959 3,038 2,168 1,109 30 8,799 Application Rate (lbs ai/Acre), SCV counties 1998: 0.56 0.35 1.13 0.83 1.00 0.71 Application Rate (lbs ai/Acre), All California 1998: 0.56 0.35 1.13 0.83 1.00 0.71 Application Rate (lbs ai/Acre), All California 1998: 0.56 0.35 1.13 0.83 1.00 0.71 Application Method (%Air, %Ground): 0.05166 0.03416 0.0244 0.0125 0 0.0989 1 January 4 0 0 0 0.0989 0 0.0989 2 January 11 0 0 0.0244 0.0125 0 0.0989 3 January 18 0 0 0 0 0 0 4 January 25 0 0 0 0 0 0 0 0 5 February 1 0 0 0 0 0 0 0			
Application Rate (lbs ai/Acre), All California 1998:			
Application Method (%Air, %Ground): Image: Constraint of the second			
Total Acre Treatments / Acre Planted (88,940): 0.65166 0.03416 0.0244 0.0125 0 0.0989 1 January 4 Image: Stress of the stress			
1 January 4 Image: Constraint of the system of the sy			
2 January 11 1			
3 January 18 Image: Constraint of the system of the s			
3 January 18 Image: Constraint of the system of the s			
4 January 25 Image: Constraint of the system of the s	1		
5 February 1 5 5 6 February 8 6 6 February 8 6 7 February 15 6 6 6 6 8 February 22 6 6 6 6 9 March 1 6 6 6 6 6			
6 February 8 Image: Constraint of the second s			
7 February 15 Image: Constraint of the system Image: Constand of the system Image: Constand o			
7 February 15 Image: Constraint of the system Image: Constand of the system Image: Constand o			
8 February 22 Image: Constraint of the second seco			
9 March 1	_		
10 March 8 P 1 1 1 3 1	1	1	
11 March 15 P E 1 1 1 2	1	1	
	-		
12 March 22 P E 1 1 1 1 1 1			
13 March 29 P E 1 1 1 1			
14 April 5 P E 1	1	1	
15 April 12 P E 1			
16 April 19 P E 1			
17 April 26 P E M 1			
18 May 3 E M			
19 May 10 E M			
20 May 17 M H1			
21 May 24 M H1 1			
	-		
22 May 31 M H1			
23 June 7 M H1			
24 June 14 M H1	1	1	
	-		
25 June 21 M H1			
26 June 28 H1			
27 July 5 H1			
	-		
28 July 12 H1			
29 July 19			
30 July 26 H2			
31 August 2 H2	1		
	_		ļ
32 August 9 H2			
33 August 16 H2			
34 August 23 H2			
35 August 30 H2 1	1	i	
	+		┟───┤
36 September 6			
37 September 13 H3	1		
38 September 20 H3 H3	1		
39 September 27 H3	1	i	
	+		┟───┤
40 October 4 H3			
41 October 11			
42 October 18	1		
43 October 25	1		
	+	<u> </u>	┢───┤
44 November 1	-		
45 November 8	1		
46 November 15	1	1	
	+		
	1		
48 November 29			
49 December 6			
50 December 13	1		
			↓ ↓
51 December 20			

Crop Stages and Pesticide Use for Alfalfa

52	December 27														
Assume a	Ifalfa is planted in the spr	ing	and it	is cu	t at a	oproximat	e 30 day i	ntervals a	fter the fir	st harvest	. I listed t	the cutting	js as harv	est 1, 2, e	tc (H1).

Meteorin Data Image: Processing and Proce	0.00	Slayes and F						ncuu	Lotte	400 (-	oury	<u>, caller</u>				
Week Motion Date P K M e ate A Total Acti (A) Applied 25 5 0 0 0 Application Match (B) applied 25 5 0 0 0 Application Match (B) ap				Crop	Stag	е										
No. Constrained (M) Applied 25 30 A Application Rate (bs al/Acc), SCV countes (1988) 0.99 0.16 A Application Rate (bs al/Acc), SCV countes (1988) 0.99 0.16 A Application Rate (bs al/Acc), SCV countes (1988) 0.99 0.16 A Application Rate (bs al/Acc), SCV countes (1988) 0.99 0.16 A Application Rate (bs al/Acc), SCV countes (1988) 0.99 0.16 A Application Rate (bs al/Acc), SCV countes (1988) 0.99 0.16 A 1 Amounty (1) 1 1 1 1 3 Amounty (1) 1 1 1 1 1 4 Amounty (1) 1 1 1 1 1 1 5 February 2 1 1 1 1 1 1 6 February 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 <			Б	г	N.4		Bensulid									
Total Acce Treatments 25 30 Image: Control Sector Sect	Week															
Application Rate (Bis al/Ace), SCV courties 1988; 0.99 0.16 <td></td> <td>Total P</td> <td>ound</td> <td>ds (A</td> <td>I) App</td> <td>olied:</td> <td></td>		Total P	ound	ds (A	I) App	olied:										
Application Minor (Avec), All Californie (S86) Image: Californie (S86)		Tota	al Ac	re Ti	reatm	ents:										
Application Method (%A/L %GS/SUNG) Note 0000 Obes Obes <td>Applic</td> <td>ation Rate (lbs ai/Acre), S</td> <td>SCV</td> <td>cour</td> <td>nties 1</td> <td>998:</td> <td>0.99</td> <td>0.16</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Applic	ation Rate (lbs ai/Acre), S	SCV	cour	nties 1	998:	0.99	0.16								
Total Ace Testments / Ace Planet (26): 0.3963 Image: Constraint of the second	Appli	cation Rate (lbs al/Acre),	All C	Jalito	rnia 1	998:										
1 January 1 I		Application Metho	a (%	AIF, S	%Gr0		0.0202	0.0262								
2 January 18 Image: Sector of the secto	4		Acre	Fiai	ileu (520).	0.0303	0.0303								
3 January 18 1		· · ·														
4 January 25 I <tdi< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tdi<>																
S February 1 I																
6 February 15 I <td< td=""><td>4</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	4															
7 February 15 1 <td< td=""><td>5</td><td>February 1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	5	February 1														
7 February 15 1 <td< td=""><td>6</td><td>February 8</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	6	February 8														
8 February 22 1 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>																
9 March 1 1 </td <td></td>																
10 March 8 I <thi< th=""> I <thi< th=""> I I <thi< td="" th<=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></thi<></thi<></thi<>																
11 March 15 I																
12 March 22 I	10															
13 March 29 I	11	March 15	L													
13 March 29 I	12	March 22	Γ													
14 April 5 I<	13															
16 April 12 I									-							
16 April 19 I																
17 April 26 I																
18 May 3 I <td>16</td> <td>April 19</td> <td></td>	16	April 19														
19 May 10 I </td <td>17</td> <td>April 26</td> <td></td>	17	April 26														
19 May 10 I </td <td>18</td> <td>May 3</td> <td></td>	18	May 3														
20 May 17 I </td <td></td> <td>,</td> <td></td>		,														
21 May 24 I </td <td>-</td> <td></td>	-															
22 May 31 I </td <td></td>																
23 June 7 I I 2 I </td <td>21</td> <td>May 24</td> <td></td>	21	May 24														
24 June 14 I I 3 I<	22	May 31														
24 June 14 I I 3 I<	23	June 7	1				2									
25 June 21 I<								3								
26 June 28 P I<								3								
27 July 5 P E I </td <td></td>																
28 July 12 P E Image: Constraint of the second seco	26	June 28														
29 July 19 P E Image: Constraint of the second seco	27	July 5	Р	Е												
29 July 19 P E Image: Constraint of the second seco	28	July 12	Р	Е												
30 July 26 P E I<			Р	F												
31 August 2 P E Image: constraint of the second sec																
32 August 9 P E Image: Constraint of the second sec		-														
33 August 16 P E Image: Constraint of the second se	31	-														
34 August 23 P E Image: Constraint of the second se	32	August 9	Р	Е												
35 August 30 P E M Image: Model of the system of t	33	August 16	Ρ	Е												
35 August 30 P E M Image: Model of the second seco	34	August 23	Ρ	Е												
36 September 6 E M Image: Constraint of the system	35	-	Р	Е	М		l					l	l	l	l	
37 September 13 M <		-														<u> </u>
38 September 20 M M I I M I <				-												
39September 27Image: MHImage: MHImage: MImage:																
40 October 4 M H M M M H M			L													
41 October 11 M H 3 M H 3 M H A M H A A M H A A M H A A M H A A M H A A M H A A M H A A M H A A M H A M M H A M M H M <td< td=""><td>39</td><td>•</td><td></td><td></td><td>М</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	39	•			М											
42October 18MMH2MI11II	40				М	Н										
42October 18MMH2MI11II	41	October 11			М	Н	3									
43October 25MMHMMM	42				М	Н		2								
44November 1MHMHMM																
45 November 8 M H H <td< td=""><td></td><td></td><td><u> </u></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td> </td></td<>			<u> </u>													
46 November 15 M H M H M H M M H M M H M M M H M <t< td=""><td></td><td></td><td><u> </u></td><td></td><td></td><td></td><td> </td><td></td><td></td><td></td><td></td><td></td><td> </td><td> </td><td> </td><td></td></t<>			<u> </u>													
47 November 22 H H Image: Constraint of the system																
48 November 29 H Image: Constraint of the system of	46	November 15			М	Н										
48 November 29 H Image: Constraint of the system of	47	November 22				Н										
49 December 6 Image: Constraint of the second												1	1	1		<u> </u>
50 December 13 Image: Constraint of the second sec																<u> </u>
51 December 20 51 Contract State Sta			L													
52 December 27																
	52	December 27														

Crop Stages and Pesticide Use for Head Lettuce (Leafy Veg)

	layes and F	63					DIUC		1033			-	r	r	
			Crop	Stag	е										
		Ρ	Е	М	н	Chlorpyr		Dimetho							
Week	Midpoint Date					ifos	n	ate	dophos	ODM 405					
	Total P	our al A	ids (A	(I) AP	onte:	3	25 25	459 1,273	694 466	195 390					
Applicati	on Rate (lbs ai/Acre),	SC\	/ cour	nties 1	1998:	1.00	1.00	0.36	1.49	0.50					
Applicat	tion Rate (lbs ai/Acre),	All	Califo	ornia ^	1998:										
	Application Metho	d (%	6Air, 9	%Gro	und):										
Tota	al Acre Treatments / A	cre	Plante	ed (3,	306):	0	0.008	0.38506	0.14096	0.11796					
1	January 4	1		· ·	· ·					7					┟────┥
2	January 11									1					ł
3										1					
3	January 18 January 25														ļ
4 5	February 1														ł
	-														
6	February 8														
7	February 15									1					
8	February 22														
9	March 1														
10	March 8														
11	March 15														
12	March 22														
13	March 29	Ì		1	1										
14	April 5	t							1						
15	April 12														
16	April 19														
17	April 26														
18	May 3														
19	May 10														
20	May 17														
21	May 24														
22	May 31														
23	June 7														
24	June 14														
25	June 21														1
26	June 28														
20															
	July 5														
28	July 12														
29	July 19														
30	July 26	Ρ													
31	August 2	Ρ	Е												
32	August 9	Ρ	Е												
33	August 16	Ρ	Е				5	1							
34	August 23	Ρ	Е												
35	August 30	Ρ	Е					1							
36	September 6	Р	Е	1	1			1	1						
37	September 13	P	E	1				1					1	1	<u> </u>
38	September 20	P	E	М											
39	September 27	P	E	M					3						<u> </u>
40	October 4	-	E	M	н	5			Ť						
40	October 11	┢	L	M	H	5		1							<u> </u>
41	October 18	-		M	Н				1	3					<u>├</u>
		–			H				· ·	5					<u> </u>
43	October 25	-		M											───
44	November 1	1		М	Н	ļ		ļ	ļ	ļ	ļ	ļ	ļ	ļ	L
45	November 8			М	н										
46	November 15			М	Н										
47	November 22			М	н										
48	November 29	Ì			н										
49	December 6	İ 🗌			н	1		1		1	1	1			<u> </u>
50	December 13				н										
	20001100110	I				I				I	I				L

Crop Stages and Pesticide Use for Broccoli (Brassica)

51	December 20		Н					
52	December 27		Н					

<u>crop s</u>	stages and P	63					Juya	Dee		σια	Tube	13/	1		
			Crop	Stag	е										
		Р	Е	М	н		Methami								
Week	Midpoint Date					ifos	dophos	Naled		Phorate					
	Total F					2,479 4,051	668 914	48 48	223 506	40 165					
Applica	tion Rate (lbs ai/Acre),			reatm		0.61	0.73	1.01	0.44	0.25					ł
Applica	ation Rate (lbs ai/Acre),	All	Califo	ornia 1	1998:	0.01	0.75	1.01	0.44	0.25					
	Application Metho	d (%	6Air, '	%Gro	und):										
To	tal Acre Treatments / A	crè	Plant	ed (8,	607):	0.47066	0.10619	0.006	0.0588	0.0192					
1	January 4	Ρ													
2	January 11	Ρ													
3	January 18	Ρ	Е												
4	January 25	Ρ	Е												
5	February 1	Ρ	Е												
6	February 8	Ρ	Е												
7	February 15	Р	Е												
8	February 22	P	E												
		Г													
9	March 1	_	E												
10	March 8		E												
11	March 15	1													
12	March 22														
13	March 29														
14	April 5														
15	April 12									5					
16	April 19	t							2				1	1	<u> </u>
17	April 26								1						
		_							1						
18	May 3			M											
19	May 10			М			1								
20	May 17			М		1									
21	May 24			Μ											
22	May 31			М											
23	June 7			М											
24	June 14			М											1
25	June 21			M											
26	June 28	_		M	н										┨─────
		-		IVI											
27	July 5				Н										
28	July 12				Н										
29	July 19				Н										
30	July 26				Н	1									
31	August 2				Н		1								
32	August 9				н		1								1
33	August 16	+			н	1	1								<u> </u>
34	August 23	1			н										<u> </u>
35	August 30	+			н										<u> </u>
	ů.	+				1			1						<u> </u>
36	September 6	1			Н	1									<u> </u>
37	September 13	1				1									
38	September 20	1						5	1						<u> </u>
39	September 27	1		<u> </u>											I
40	October 4						1								
41	October 11														
42	October 18														
43	October 25														
44	November 1	1		Ī					1				1	1	
45	November 8	1													<u> </u>
46	November 15	+													
		1													
47	November 22	4													
48	November 29														
49	December 6	1													
50	December 13														
51	December 20	L													
52	December 27														
	-	<u> </u>		•											L

Crop Stages and Pesticide Use for Sugar Beets (Root & Tubers)

crop s	stages and P	63		lue	03	eior	Grap	୧୬ (୦୮	пап г	Tuits		11162)			
			Crop	Stag	е						Methyl				
		_				Chlorpyr	Diazino	Dimetho	Fenami	Malathio	Parathio				
Week	Midpoint Date	Ρ	Е	М	Н	ifos	n	ate	phos	n	n	Naled	Phorate		
	Total P					636	144	186	4,252	1,965	126	657	19		
				reatm		342	428	658	2,638	1310	24	986	12		
	tion Rate (lbs ai/Acre),					1.86	0.34	0.28	1.61	1.5	5.26	0.67	1.60		
Applica	ation Rate (lbs ai/Acre),														
Tota	Application Metho I Acre Treatments / Acr	u (Ÿ	bAll,	%GI0	485).	0.004	0.005	0.007	0.0270	0.0139	0	0.0104	0		
1	January 4		E	J (34,	400).	0.004	0.005	0.007	0.0213	0.0133	0	0.0104	0		
			E												
2	January 11														
3	January 18		Е												
4	January 25		Е												
5	February 1		Е												
6	February 8		Е												
7	February 15		Е												
8			E												
	February 22		E												
9	March 1														
10	March 8					3									
11	March 15					2									
12	March 22												1		
13	March 29	1													
14	April 5														
15	April 12														
16	April 19														
17	April 26										5				
	•										Ŭ				
18	May 3														
19	May 10								1						
20	May 17						1						1		
21	May 24												1		
22	May 31														
23	June 7														
24	June 14			М											
25	June 21			М						5		1	1		
26	June 28			М	Н				1						
27	July 5			М	Н				1				1		
28	-	-		M	н				•						
	July 12														
29	July 19			М	Н			5				1			
30	July 26			М	н										
31	August 2			М	Н							1			
32	August 9			М	н		4					1			
33	August 16	┢──		M	н										l
33 34	August 23	┢──		M	H							-			
	-	_						ļ				ļ		ļ	l
35	August 30	<u> </u>		М	Н										
36	September 6	L		М	Н							1			
37	September 13			М	Н										
38	September 20	1		М	Н										
39	September 27	Î		М	н					1			1		
40	October 4	1		M	н										
		-		141	н										
41	October 11	┢													
42	October 18	<u> </u>			Н										l
43	October 25	L			Н										
44	November 1				Н				1						
45	November 8	İ			н	1	1			1	1		1		
46	November 15	┢──							4						
		<u> </u>	—	L	L	ļ	ļ		1	ļ	ļ		ļ		
47	November 22														
48	November 29	1													1
49	December 6	Î								1			1		
50	December 13	┢													
51	December 20	-													——
51		-													
52	December 27	1								1			I		

Crop Stages and Pesticide Use for Grapes (Small Fruits & Berries)

crop a	nayes and F	C 3		luc	5 03		AIIIIO	<u>11u3 (</u>	IIEE	<u>inuts)</u>	-	-		
			Crop	sta	ge						Methyl			
		Ρ	Е	М	Н	Azinpho	Chlorpyr						Phosme	
Week	Midpoint Date					s Methyl 6,080	ifos 48,154	n	n 1	hion 12,335	n 30	Naled	t 14,249	
	Total P				ments:	3,930	28,576	23,307	10	12,335	20	1,091 685	5,040	
Applicat	ion Rate (lbs ai/Acre), S					1.55	1.69	1.86	0.13	0.96	1.51	1.59	2.83	
	ation Rate (lbs ai/Acre),													
	Application Metho	d (%	6Air, ^α	%Gr	ound):									
	Acre Treatments / Acre	e Pla		(123	3,907):	0.0317	0.23062	0.0968	0	0.10359	0	0.006	0.0407	
1	January 4		Е											
2	January 11		Е					1		1				
3	January 18		Е					1		2		1		
4	January 25		Е					2		1		3		
5	February 1							1		1		1		
6	February 8													
7	February 15													
8	February 22													
9	March 1													
10	March 8													
10	March 15							-						
		\vdash											4	
12	March 22		<u> </u>			ļ					ļ		1	
13	March 29												L	
14	April 5													
15	April 12													
16	April 19													
17	April 26													
18	May 3							-						
10	May 10						1							
20	May 17						1		_					
21	May 24								5					
22	May 31													
23	June 7						1							
24	June 14										5			
25	June 21													
26	June 28			М										
20	July 5			M										
	-													
28	July 12			М		1								
29	July 19			М		2							1	
30	July 26			Μ		2	1						1	
31	August 2			Μ	Н		1						1	
32	August 9			Μ	Н								1	
33	August 16			М	Н									
34	August 23			М	н					1	I			
35	August 30			М	н						1		1	
36	September 6			M	Н								1	
30	September 13			M	н								 	
37	September 20			IVI	н									
38				-	H								 	
	September 27												├ ──	
40	October 4				н					ļ			ļ	
41	October 11			<u> </u>	Н					ļ	ļ		ļ	
42	October 18				Н					ļ			ļ	
43	October 25													
44	November 1													
45	November 8	Î I		Ī		1				1	1		1	
46	November 15													
40	November 22	\vdash						1						
		\vdash												
48	November 29	\square												
49	December 6													
50	December 13													
51	December 20													
52	December 27			I	1	1			I	I				

Crop Stages and Pesticide Use for Almonds (Tree Nuts)

<u>010p c</u>	blages and F	60		uc	03		<u> </u>	<u> </u>		Tuita				-	
			Crop	Stag	е						Methyl				
		_			r	Azinpho	Chlorpyr	Diazino	Dimetho	Methad	Parathio	Phosme			
Week	Midpoint Date	Ρ	Е	М	н	s Methyl	ifos	n	ate	athion	n	t			
	Total P	oun	ids (A	I) Ap	olied:	2,234	4,237	1,743	85	2,411	4,212	16,107			
				reatm		2,157	3,252	1,166	148	2,115	2,922	5,381			
Application Rate (lbs ai/Acre), SCV counties 1998: 1.04						1.30	1.49	0.57	1.14	1.44	2.99				
Application Rate (lbs ai/Acre), All California 1998:															
Application Method (%Air, %Ground):															
Tot	tal Acre Treatments / A	cre	Plante	ed (7,	089):	0.30427	0.45874	0.16448	0.0209	0.29835	0.41219	0.75906			
1	January 4		Е												
2	January 11		Е												
3	January 18		Е							1					
								4					'		ļ
4	January 25		E					1		1			'		
5	February 1		Е												
6	February 8														
7	February 15														
										4					
8	February 22									1					
9	March 1									1					
10	March 8						1	2		1					
11	March 15							1							
12	March 22														
													'		ļ
13	March 29														
14	April 5														
15	April 12														
													'		l
16	April 19								3						
17	April 26						1								
18	May 3						1								
10	May 10	_							1		1				
											1				
20	May 17											1			
21	May 24					1	1								
22	May 31											1			
	-	_									4				ļ
23	June 7								1		1				
24	June 14			Μ		1									
25	June 21			М		1	1				1				
26	June 28			М	н										
													'		
27	July 5			М	н							1			
28	July 12			Μ	Н										
29	July 19			М	н	1					1				
		_											'		
30	July 26			М	Н							1			
31	August 2			Μ	н										
32	August 9			М	н						1				
33	August 16			M	н						- · · ·		┢─────		
						4		4				1	┢─────		
34	August 23		ļ	М	Н	1	ļ	1		ļ		1	'	ļ	
35	August 30			М	Н										
36	September 6			М	Н								1		1
37	September 13			М	н										
		-		171	Н								'		├ ───┤
38	September 20	-											'		
39	September 27				Н			l	l		l				
40	October 4				Н								1 7		
41	October 11														
42	October 18	Ē													
	October 25	\vdash											'		
43													'		
44	November 1												1		
45	November 8						ľ			ľ			Г аран а (
								-	-						
46	November 15	<u> </u>				ļ	ļ			ļ			'	ļ	
47	November 22	L													
48	November 29														
49	December 6														<u> </u>
						ļ	ļ			ļ			'	ļ	┢───┤
50	December 13														
51	December 20														
52	December 27	1 7											1		1 7
						-	-	-	-	-		_		-	

Crop Stages and Pesticide Use for Apples (Pome Fruits)

0.00	olages and i	s and resticide Us						103 (0		TTUIL	<u></u>		-	-	
			Crop	Stag	е						Methyl				
		L				Chlorpyr	Diazino	Dimetho	Fenami	Methad	Parathio		Phosme		
Week	Midpoint Date	Ρ	Е	М	Н	ifos	n	ate	phos	athion	n	Naled	t		
	Total P	oun	ds (A	I) Apr	blied [.]	738	3,805	36	224	2,370	482	306	9,376		
	Tota	al Ar	cre Ti	reatm	ents:	408	1,818	10	64	2,044	358	189	3,399		
Applic	ation Rate (lbs ai/Acro)			tion 1	000.	1.81	2.09	3.58	3.50	1.16	1.35	1.62	2.76		
Application Rate (Ibs ai/Acre), SCV counties 1998:				1.01	2.09	5.50	3.30	1.10	1.55	1.02	2.70				
Арріі	Application Rate (lbs ai/Acre), All Californi Application Method (%Air, %G				998.										
	a (%	Air, S	%Gro	una):	0.0007										
	tal Acre Treatments / Acr	e Pl		1 (10,	537):	0.0387	0.17253	0	0.006	0.19398	0.034		0.32258		
1	January 4		Е									2			
2	January 11		Е												
	January 18		E							1		2			
3										1		3			
4	January 25		E			2									
5	February 1		Е			1									
6	February 8		Е												
7	February 15		Е												
8	February 22														
9	March 1									1					
10	March 8														
11	March 15														
		\vdash													
12	March 22														
13	March 29														
14	April 5	\vdash												l	
15	April 12													l	
16	April 19														
	•														
17	April 26														
18	May 3			М											
19	May 10			М	Н										
20	May 17			М	н										
21	May 24			М	Н										
22	May 31			М	Н				2				1		
23	June 7			М	Н			5					1		
								-			<u> </u>				
24	June 14			Μ	Н						2		1		
25	June 21			Μ	Н						1				
26	June 28			М	Н										
27	July 5			Μ	Н						2		1		
28	July 12			М	Н										
29	July 19			М	Н								1		
30	July 26			Μ	Н										
31	August 2			М	н										
	-														
32	August 9			М	Н										
33	August 16			М	Н										
34	August 23			M	н						i			1	
	-					L			ļ					ļ	
35	August 30			М	H										
36	September 6			М	Н										
									4						
37	September 13				Н				1						
38	September 20				Н										
39	September 27				Н										
		\mathbf{H}							~						
40	October 4				Н				2					<u> </u>	
41	October 11				Н										
42	October 18				Н										
43	October 25				Н									<u> </u>	
44	November 1														
45	November 8										-		1		
46	November 15													I	
47	November 22						2								
							~								
48	November 29														
49	December 6					2	1			1					
		\mathbf{H}				-				· · · · · · · · · · · · · · · · · · ·					
50	December 13													<u> </u>	
51	December 20						1			2					
52	December 27						1								

Crop Stages and Pesticide Use for Peaches (Stone Fruits)

Ciop	Slayes and P	63						11063	Tun	ing v	<u>eg.</u> /		-	
			Crop	Stag	е									
		Р	Е	М	н	Acephat	Chlorpyr	Diazino	Dimetho		Malathio	Methami		
Week	Midpoint Date					е	ifos	n	ate	Fonofos		dophos		
	Total F					217	127	1,500	17,091	4,227	113	5,448		
			cre T			268	210	1,361	39,007	3,068	96	6,436		
Application Rate (lbs ai/Acre), SCV counties 1998:						0.81	0.60	1.10	0.44	1.38	1.18	0.85		
Application Rate (lbs ai/Acre), All California 1998:														
Application Method (%Air, %Ground) Total Acre Treatments / Acre Planted (57,374)						0.005	0.004	0.0227	0.67987	0.0525	0.002	0.11218		
			lante	J (57,	374):	0.005	0.004	0.0237	0.67987	0.0535	0.002	0.11218		
1	January 4	Ρ												
2	January 11	Ρ	E											
3	January 18	Ρ	Е											
4	January 25	Ρ	Е											
5	February 1	Ρ	Е											
6	February 8	Ρ	Е											
7	February 15	P	E											
	,													
8	February 22	Ρ	Е											
9	March 1	Р	Е											
10	March 8	Ρ	Е					1						
11	March 15	Ρ	Е							1				
12	March 22	Р	Е											
		_											 	
13	March 29	Ρ	E	L						ļ	ļ		 ļ	
14	April 5	Ρ	Е											
15	April 12	Ρ	Е											
16	April 19	Р	Е							1				
17	April 26	P	E							1				
		F												
18	May 3		Е	М				1		1				
19	May 10			М	Н									
20	May 17			Μ	Н			1		1				
21	May 24			М	Н			1						
22	May 31	-		M	Н									
	-	-												
23	June 7			М	Н									
24	June 14			М	н									
25	June 21			М	Н									
26	June 28			М	н									
20		-		M	н				1					┠────┦
	July 5	_							1					
28	July 12			М	Н		1	1				1		
29	July 19			М	н				1					
30	July 26			М	Н				1		2	1		
31	August 2			М	н		2		1		2			
		-			н	0	2				2			
32	August 9	_		М		2								
33	August 16	_		М	Н						1	1		
34	August 23			М	н		2		1					
35	August 30			М	Н	2								
36	September 6				Н	1	ľ				ľ	1	ľ	
37	September 13	+			н									
38	September 20	\vdash			н									
39	September 27	+			Н							1		<u>├</u> ───┤
		+										1	 	┣────┤
40	October 4	<u> </u>			Н									
41	October 11	<u> </u>			Н								 	
42	October 18				Н									
43	October 25				Н									
44	November 1	\mathbf{T}			н	İ	i				i	İ	i	
45	November 8	+			н						<u> </u>		 <u> </u>	
		-					ļ					ļ	 	└─── ┘
46	November 15				Н									
47	November 22				н									
48	November 29	T			Н									
49	December 6	+			Н									
		+												
50	December 13	<u> </u>			н								 	ļ
51 52	December 20 December 27	—			H H									ļ
											1	1	1	

Crop Stages and Pesticide Use for Tomatoes (Fruiting Veg.)

Ciop	Slages IOI	Can	ai	Jup	63	lineio	113, C	ucun	<u> </u>					
			Crop	Stag	е									
				-	r	Diazino	Dimetho							
Week	Midpoint Date	Р	Е	М	н	n	ate	ODM						
		tal Poun	ids (A	A) Ap	olied:	140	102	24						
		Total A				415	212	65						
Applic	ation Rate (lbs ai/Acr	re), SCV	cou	nties '	998:	0.34	0.48	0.37						
	cation Rate (lbs ai/Ac													
	Application Me	ethod (%	6Air,	%Gro	und):									
Т	otal Acre Treatments	s / Acre I	Plant	ed (1,	464):	0.28347	0.14481	0.0444						
1	January 4													
2	January 11													
3	January 18													
4	January 25													
5	February 1													
6	February 8	Р												
7	February 15	Р												
8	February 22	Р	Е											
9	March 1	Р	Е											
10	March 8	Р	Е											
10	March 15	P	E								 			
				L		ļ			ļ	ļ	 ļ	ļ	ļ	ļ
12	March 22	Ρ	Е											
13	March 29	Р	Е											
14	April 5	P	E	-										
				<u> </u>		ļ			ļ	ļ	ļ	ļ	ļ	ļ
15	April 12	Ρ	Е											
16	April 19	Р	Е											
17	April 26	Р	Е											
18	May 3	Р	Е											
19	May 10	Р	Е											
20	May 17	Р	Е			1								
	-													
21	May 24	Ρ	Е			1								
22	May 31	Р	Е											
23	June 7	Р	Е											
		P												
24	June 14		Е											
25	June 21	Р	Е											
26	June 28	Р	Е											
		P	E	М										
27	July 5													
28	July 12	Р	Е	М	н									
29	July 19	Р	Е	М	Н									
30	July 26	Р	Е	М	н			5						
		F						5						
31	August 2		Е	М	н	3	2							
32	August 9			Μ	Н		2							
33	August 16		-	М	Н		1							
34	August 23			M	н	İ	· ·		İ	1	1	İ	1	İ
	3										 			
35	August 30			М	Н									
36	September 6			Μ	Н									
37	September 13			М	Н									
38	September 20			M	н						 			
39	September 27			М	Н	l			l	l	 l	l	l	l
40	October 4			Μ	Н									
41	October 11			М	Н									
42	October 18			M	Н	1			1	1	1	1	1	1
43	October 25			L	Н									
44	November 1			1		I				I	I		I	l
45	November 8			1										
46	November 15			L										
47	November 22													
48	November 29			1		1			1	1	1	1	1	1
				+										
49	December 6			L										
50	December 13													
51	December 20			1										
52	December 27													
			L											

Crop Stages for Cantaloupes (Melons, Cucurbits)

Crop Stages for Asparagus

	stages for As	pho I				1	1				1	1	I	
			Crop	Stag	e	Chlorpyr	Digulfet		Malathio					
Week	Midpoint Date	Ρ	Е	М	н	ifos	on	Fonofos	ivialathio n					
WEEK	Total F	Pour	nds (A		olied:		16,823	466	1,768					
				reatm		4,270	15,967	261	1,791					
Applicat	ion Rate (lbs ai/Acre),	SC\	/ cour	nties ?	1998:	0.64	1.05	1.78	0.99					
Applica	ation Rate (lbs ai/Acre),													
Tata	Application Metho I Acre Treatments / Acr	d (%	6Air, 9	%Gro	und):	0.40000	0 705 47	0.0115	0.0791					
1 1 1	January 4		lante	J (ZZ,	033).	0.10000	0.70547	0.0115	0.0791					
2	January 11													
3														
4	January 18 January 25	-												ļ
5	February 1													
6	February 8													
		-	_											ļ
7	February 15		Е											
8	February 22		Е	М										
9	March 1		Е	М	Н									
10	March 8		Е	М	Н									
11	March 15		Е	М	Н									
12	March 22	L	Е	М	Н									
13	March 29		Е	М	н									
14	April 5	1	Е	М	Н									
15	April 12	1	Е	М	н			2					İ	
16	April 19	1	E	M	Н									<u> </u>
17	April 26	ł	E	M	н					l				
					н									
18 19	May 3	-	E	M	н Н			4						ļ
	May 10		E	M				1						
20	May 17		E	M	н									ļ
21	May 24		Е	М	Н									
22	May 31		Е	М	Н									
23	June 7		Е	М	Н				3					
24	June 14			М	Н			1						
25	June 21				Н			1	1					
26	June 28				Н				1					
27	July 5	ŀ				1								
28	July 12													
29	July 19													
30	July 26					1								
	-													
31	August 2					1								
32	August 9	L					1							
33	August 16	<u> </u>									 		ļ	<u> </u>
34	August 23	L					ļ					ļ		ļ
35	August 30	1												
36	September 6	L					1							
37	September 13					1								
38	September 20						1							
39	September 27	L												
40	October 4						1							
41	October 11						1							
42	October 18		L	L	L	1								
43	October 25													
44	November 1	T		1	1									
45	November 8	t		i –	i –		1					1	İ	
46	November 15	\vdash												<u> </u>
40											 			
	November 22	-												┣───
48	November 29	┡												ļ
49	December 6	L												ļ
50	December 13													
51	December 20													
52	December 27	1												

Crop Stages for Field Corn

	blages for Fi								r				r	r
			Crop	Stag	e	Chlorpur	Dimetho	Disulfat	Malathia					
Week	Midpoint Date	Ρ	Е	М	н	ifos	ate	on	n	Phorate				
TTOOK	Total F	our	nds (A	I) Apr	olied:	8,731	45	171	64	19,484				
	Tot	tal A	cre T	reatm	ents:	7,686	140	169	128	16,682				
Applica	tion Rate (lbs ai/Acre),	SC\	/ coui	nties 1	1998:	1.14	0.32	1.01	0.50	1.17				
Applica	ation Rate (lbs ai/Acre)													
Tota	Application Metho al Acre Treatments / Ac	na (%	6AIr, 1	%Gro	und):	0.0808	0.001	0.002	0.001	0.17532				
1	January 4		ante	1 (30,	131).	0.0000	0.001	0.002	0.001	0.17352				
2	January 11							-						
3	January 18	1												
4	January 25	-												
5	February 1													
6	February 8							-						
7	February 15													
		-												
8	February 22													
9	March 1													
10	March 8													ļ
11	March 15	_					4					ļ		ļ
12	March 22								2					
13	March 29	Ρ												
14	April 5	Ρ	Е						1					
15	April 12	Ρ	Е											
16	April 19	Ρ	Е											
17	April 26	Ρ	Е											
18	May 3	Р	Е							1				
19	May 10	P	E					-						
20	May 17	P	E			1				1				
21	May 24	P	E			•		-						
22	May 31	P	E							1				
	-													
23	June 7	Ρ	E			1				1				
24	June 14	Ρ	Е			1	1			1				
25	June 21	Ρ	Е											
26	June 28	Ρ	Е			1								
27	July 5	Ρ	Е											
28	July 12	Ρ	Е			1								
29	July 19	Ρ	Е	М										
30	July 26	Ρ	Е	М										
31	August 2	Р	Е	М	н									
32	August 9		E	M	н			-						
33	August 16	+	-	M	Н			5	1					<u> </u>
34	August 23	+		M	Н			5	1					<u> </u>
35	August 30	+		M	н									<u> </u>
36	September 6	+		M	н									<u> </u>
														┨────
37	September 13	<u> </u>		M	н				ļ				ļ	Į
38	September 20	+		M	Н									
39	September 27	-		M	н									
40	October 4	1		М	н									
41	October 11			М	Н									L
42	October 18			М	Н									
43	October 25			М	Н									
44	November 1			М	Н									
45	November 8				н									Γ
46	November 15	1	1	1	н									
47	November 22	\mathbf{T}												<u> </u>
48	November 29	+												
40		+												ł
	December 6	+												
50	December 13								ļ		 		ļ	<u> </u>
51 52	December 20 December 27	+												<u> </u>
52		1												I

Crop Stages for Dry Beans

	stages for Dr	<u>י ע</u>												
			Crop	Stag	е									
Maak	Midnaint Data	Р	Е	М	Н		Dimetho	Fanataa	Malathio	Nolod				
Week	Midpoint Date					e 20,791	ate 9,222	Fonofos 1,111	n 1,294	Naled 1,923				
	Total F	al A	cre T	reatm	ents:	24,373	22,705	686	1,294	2,215				
Applicat	tion Rate (lbs ai/Acre),	SC\	/ cour	nties '	1998:	0.85	0.41	1.62	1.07	0.87				1
Applica	ation Rate (lbs ai/Acre),	All	Califo	ornia 1	1998:		-							
	Application Metho	d (%	∕₀Air, '	%Gro	und):									
	I Acre Treatments / Ac	re P	lante	d (22,	312):	1.09237	1.01761	0.0307	0.0544	0.0993				
1	January 4													
2	January 11													
3	January 18													
4	January 25													
5	February 1													
6	February 8													
7	February 15	ŀ												1
8	February 22													
8 9	March 1	-												ļ
9 10	March 8													
11	March 15													
		┝												
12	March 22	<u> </u>	L	L	L									
13	March 29	L						<u> </u>			<u> </u>			
14	April 5	Ρ												
15	April 12	Р	Е	Ì	Ì									
16	April 19	P	E	1	1									<u> </u>
10	April 26	P	E					1						
														ļ
18	May 3	Ρ	Е					2						
19	May 10	Ρ	Е											
20	May 17	Ρ	Е											
21	May 24	Ρ	Е					1						
22	May 31		Е					1						
23	June 7													
24	June 14													
25	June 21			М										
26	June 28			М	н				1					
27	July 5			Μ	Н									
28	July 12	İ.		М	н									
29	July 19			М	н		1							
	-	-												
30	July 26			М	Н									
31	August 2			М	Н	1	1		1					
32	August 9			Μ	н	1	1		2					
33	August 16			М	Н	1			1					
34	August 23			М	Н									
35	August 30	1	1	l	н	1	1			1				
36	September 6	\mathbf{t}	1	1		1				1				<u> </u>
37	September 13	┢				<u> </u>	1			2				<u> </u>
		<u> </u>					1			2				
38	September 20	┝								4				
39	September 27	L								1				L
40	October 4													
41	October 11													
42	October 18	L												
43	October 25													
44	November 1	t					1					1	1	<u> </u>
45	November 8	\vdash												<u> </u>
		-												<u> </u>
46	November 15	<u> </u>	L	L	L									ļ
47	November 22													
48	November 29													
49	December 6	1	Ì	Ì	Ì									
50	December 13	\mathbf{t}	1	1	1									<u> </u>
51	December 20	┢												<u> </u>
52	December 27	1												<u> </u>
52	2000/1100/ 27	<u> </u>	L	L	L		1	l	L		l	1	1	L

Note: More complete application dates for the California assessments are available in Excel format by request from the Pesticide Docket, telephone 703-305-5805.

California South Central Valley

<u>010p 0</u>	layes and		30	u		30 10									
			Crop	Stag	е										
		-				Acephat	Chlorpyr	Dimetho	Disulfot	Malathio	Methami			Profeno	l
Week	Midpoint Date	Ρ	Е	Μ	н	е	ifos	ate		n	dophos			phos	Tribufos
	Total P	oun	ds (A	I) Ap	olied:	95,154	363,648	57,704	553	7,107	129,048	124,385		50,900	376,979
					ents:	69875		130,324	814	5,820	140,215		41,933	42,405	234,518
	Rate (lbs ai/Acre), S					1.36	0.99	0.44	0.68	1.22	0.92	0.94	1.24	1.20	1.61
Applicatio	n Rate (lbs ai/Acre),														
Total Asi	Application Methor re Treatments / Acre	d (%	Air, S	%Gro	und):	0.0702	0 44640	0 1 1 7 0 7	0	0.0066	0.4500	0.1502	0.0476	0.0404	0.26627
		Fia	nieu	(000,	740).	1	0.41049	0.14797	0	0.0000	0.1592	0.1502	0.0470	0.0401	0.20027
1	January 4					1									
2	January 11														
3	January 18														
4	January 25														
5	February 1														l
6	February 8														
7	February 15														
8	February 22														
															
9	March 1					1									
10	March 8														ļ
11	March 15														
12	March 22	Ρ													
13	March 29	Ρ	Е		1										
14	April 5	Р	Е												
		P	E										1		
15	April 12														ļ
16	April 19	Ρ	Е										1		
17	April 26	Ρ	Е										3		
18	May 3	Ρ	Е												
19	May 10	Р	Е												
20	May 17		Е												
21	May 24		E												
			L												l
22	May 31														
23	June 7							1							
24	June 14								2	1					
25	June 21							1	1						
26	June 28					1				1	1				
27	July 5					-		1			1				
28						1									
	July 12					1									
29	July 19							1		1					
30	July 26					1				1	1				l
31	August 2						1	1				1			
32	August 9						1				1	1		1	
33	August 16			М			1			1				1	
34	August 23		1	M					1		1	1		· · ·	
35	August 30	-		M			1		1			1		1	
		┣—													┣────
36	September 6	<u> </u>		М	L		1		ļ			1		1	└───
37	September 13			М											
38	September 20			Μ	Н										
39	September 27			М	Н									1	1
40	October 4	ĺ.	Î.	М	н										1
41	October 11	t	t –		н	1			1						1
42	October 18	Î	1		н										2
43	October 25		1		Н										
		-													
44	November 1	 	-		н										└───
45	November 8				Н										L
46	November 15				Н										
47	November 22							ľ						ľ	[
48	November 29		1		 			1						1	<u> </u>
49	December 6	1													
		┢													<u> </u>
50	December 13		L					ļ						ļ	┝───
51	December 20		1												i

Crop Stages and Pesticide Use for Cotton

52 December 27	

			Crop	o Stag	е		L		. .				L		Meth
		Р	Е	М	н		Dimetho					0.014			Parath
Week	Midpoint Date					rifos 195,237	ate 3,219	n 29,080	dophos 50,352	athion 2,458	Naled 6,637	ODM 4,989	t 31,771	n 25,659	n 53
						298,284	8,394	29,000	53,623	2,430	6,258	10,387	49,553	51,318	75
Applic	ation Rate (lbs ai/Acre					0.65	0.38	1.31	0.94	0.87	1.06	0.48	0.64	0.50	0.7
	cation Rate (lbs ai/Acr	e), All	Califo	ornia '	1998:										
_	Application Met	hod (%	%Air,	%Gro	und):										
	al Acre Treatments / A	cre Pla	anted	(331,	211):	0.90059	0.02534	0.0668	0.1619	0.009	0.0189	0.0314	0.14961	0.15494	0
1	January 4														
2	January 11														
3	January 18														
4	January 25														
5	February 1														
6	February 8														
7	February 15														
8	February 22														
	March 1	_		-			4								
9							1	4					4		
10	March 8	P	-			4	I	1					1		
11	March 15	Ρ	Е			1		1					2		
12	March 22	Ρ	Е				1	1					1		
13	March 29	Ρ	Е					1					1		
14	April 5	Р	Е												Γ
15	April 12	Р	Е	1				1					1	1	
16	April 19	P	E												
	April 26														
17	1	Ρ	E	М											
18	May 3		Е	М											
19	May 10		Е	Μ											
20	May 17			Μ	H1										
21	May 24			Μ	H1										
22	May 31			М	H1				1			1			
23	June 7	_		M	H1										
		_							4	4		4			
24	June 14			M	H1				1	1		1			
25	June 21			М	H1					3	1				
26	June 28				H1					1					
27	July 5				H1		1								
28	July 12				H1	1									
29	July 19					1			1			1			
30	July 26	_			H2							2			
	,											2			
31	August 2				H2						1				
32	August 9				H2	1			1		1				
33	August 16				H2		1		1		1				
34	August 23			L	H2						1				
35	August 30			ľ	H2	1									Γ
36	September 6		1	1				1	1				1	1	5
37	September 13	+	1	1	H3										_ ا
38	September 20	-+	├		H3										
38	September 20			<u> </u>	нз Н3										
		-+	<u> </u>	<u> </u>											
40	October 4		<u> </u>	<u> </u>	H3										<u> </u>
41	October 11	-+	<u> </u>	<u> </u>											
42	October 18		<u> </u>												
43	October 25														
44	November 1	Τ		Γ											
45	November 8		1	1				1	1				1	1	
46	November 15	-+	+												
		-+	<u> </u>	<u> </u>											
47	November 22														
48	November 29														
49	December 6														
50	December 13		1	1				1	1				1	1	
51	December 20	-+	 	 		-						-		5	
			1	i					1						

Crop Stages and Pesticide Use for Alfalfa

Assume alfalfa is planted in the spring and it is cut at approximate 30 day intervals after the first harvest. I listed the cuttings as harvest 1, 2, etc (H1).

Ciop	Stages and I						licau	LEIII	uce	-	-				
			Crop	Stag	e							Methyl			1
10/	Midne int Dut	Р	Е	М	Н				Dimetho			Parathio	0014		i –
Week	Midpoint Date					e 19,485	е 357	n 22,281	ate 4,387	on 261	n 1,488	n 5	ODM 127	 	
		otal Ac					357 89	34,746	4,387	201	765	5 17	265	 	┝───
Applic	ation Rate (lbs ai/Acre)	, SCV	coui	nties 1	1998:	0.87	4.01	0.64	0.27	1.17	1.95	0.27	0.48	t	
Appli	cation Rate (lbs ai/Acre	e), All C	Califo	ornia 1	1998:										
	Application Meth							0 9447	0.39772					ļ	l
То	tal Acre Treatments / A	cre Pl	ante	d (13,	031):	0.54633	0.002	6	9	0.005	0.0186	0	0.006		
1	January 4	1	1	Ī	Ī										
2	January 11													1	
3	January 18														
4	January 25														
5	February 1														
6	February 8														
7	February 15														
8	February 22					1		1					2		
9	March 1								1					1	
10	March 8					1									
11	March 15	1	1	I	I			1				5			
12	March 22		T	İ	İ										
13	March 29													1	i
14	April 5	+	+	<u> </u>	1				1					<u> </u>	
15	April 12	_								1					
16	April 19	_								1				ł	
		_	-												
17	April 26	_												 	
18	May 3	_												<u> </u>	ļ
19	May 10	_												 	
20	May 17	_												<u> </u>	ļ
21	May 24														ļ
22	May 31									1					
23	June 7														
24	June 14					1				3					
25	June 21												1		
26	June 28	Р											2		
27	July 5	Р	E											1	
28	July 12	Р	Е												
29	July 19	Р	Е								1			1	
30	July 26	Р	Е												
31	August 2	P	E					1						ł	
32	August 9	P	E												
33	August 16	P	E				3							<u> </u>	
34	August 23	P	E	1	1		2							<u> </u>	
35	August 30	P	E	М	<u> </u>			1			1			<u> </u>	<u> </u>
36	September 6	-	E	M										<u> </u>	<u> </u>
37	September 13	+		M							1			<u> </u>	
38	September 20	+	-	M		1					2			<u> </u>	┝───
39	September 27	+		M	н	1			1		-			<u> </u>	<u> </u>
40	October 4	_	-	M	н	<u> </u>								<u> </u>	<u> </u>
40	October 11	+	-	M	H				1					<u> </u>	
41	October 18	+	\vdash	M	H			-	1				L	<u> </u>	İ
43	October 25	_	-	M	н									<u> </u>	<u> </u>
43	November 1	+	-	M	H			1						ł	
		—	-					1						 	
45	November 8	_	<u> </u>	M	н									───	
46	November 15	_	<u> </u>	М	Н	ļ		ļ						┝───	
47	November 22	_			Н									<u> </u>	ļ
48	November 29				Н										L
49	December 6														
50	December 13		Ľ												
51	December 20														
52	December 27														

Crop Stages and Pesticide Use for Head Lettuce

01000	layes and F	63		uc	03		DIOC		1033	icaj					
			Crop	Stag	е										1
		Ρ	Е	М	Н			Diazino	Dimetho		Malathio				
Week	Midpoint Date					е	ifos	n	ate	on	n	dophos	Naled	ODM	
						11,531	6,147	2,397	436	1,489	547	74	359	885	
	l ot	al A	cre I	reatm	ents:	3,084	4,402	4,795	1,290	1,324	345	150	357	2,054	
Applicatio	on Rate (lbs ai/Acre), ion Rate (lbs ai/Acre),	SC\		nties 1	998:	3.74	1.40	0.50	0.34	1.12	1.59	0.49	1.01	0.43	
Applicat	Application Metho														
Total	Acre Treatments / Acr					0 23667	0.33781	0.36797	0.099	0 1016	0.0265	0.0115	0.0274	0 15762	
1	January 4		anco	a (10,		0.20007	0.00701	0.00101	0.000	0.1010	0.0200	0.0110	0.0214	0.10702	
2	January 11	-													
3	January 18														
4	January 25							1							
5	February 1														
6	February 8														
7	February 15														
8	February 22														
9	March 1														
10	March 8														
11	March 15														1
12	March 22														
13	March 29							1						1	
14		┢──											2		
	April 5														
15	April 12												1		
16	April 19													1	
17	April 26										1				
18	May 3										-				
			-								4				
19	May 10										1				
20	May 17														
21	May 24														
22	May 31								1						
23	June 7										1				
24	June 14										1				
25	June 21										1				
26	June 28						1								
27	July 5														
28	July 12								1						
									1						
29	July 19														
30	July 26	Ρ													
31	August 2	Ρ	Е			1									
32	August 9	Р	Е			1	1								
33	August 16	P	E			1									
34	August 23	P	E				1	1							
	August 23 August 30	_					- '								
35	0	Ρ	E				ļ	1					 		
36	September 6	Ρ	Е			1				2			L		
37	September 13	Ρ	Е				1								
38	September 20	Ρ	Е	М				1		3		5			
39	September 27	Ρ	Е	М					1						
40	October 4		E	M	Н										
40	October 11	┢──	-	M	Н		1						2		
41	October 18	┢──			H								<u> </u>		
		<u> </u>		M							ļ	ļ	 	<u> </u>	l
43	October 25			М	Н	1								2	L
44	November 1	1		М	Н				1				1	2	1 -
45	November 8			М	Н						ľ		Γ	ľ	ſ
46	November 15	┢		M	Н				1		1				
		–											l		
47	November 22	L		Μ	Н								L	ļ	
48	November 29	L			Н										
49	December 6				Н									ľ	ſ
50	December 13	1			Н									1	
51	December 20	┢──			H										
52	December 27	1			Н										
52		I											L	1	i

Crop Stages and Pesticide Use for Broccoli (Brassica)

crop c	stages and P	63					Juya	Dee	<u>15 (NU</u>	υια	Tube	15)	T		
			Crop	Stag	e										1
		Р	Е	М	Н		Chlorpyr			Methami					
Week	Midpoint Date					е	ifos	n	n	dophos	Naled	ODM	Phorate		
	Total F						19,252	202	2,437	684	15,073	95	9,237		
			cre T			38	22,006	414	1,680	1,090	15,555	247	10,249		
Applicat	tion Rate (lbs ai/Acre),	SC\	/ cour	nties ?	1998:	1.00	0.87	0.49	1.45	0.63	0.97	0.39	0.90		
Applica	ation Rate (lbs ai/Acre),										'	i			
Tota	Application Metho A Acre Treatments / Acre	u (7 ro P	Mail,	%GI0	457)	0	0.44495	0.008	0.034	0.022	0.31452	0.005	0.20723		
1	January 4	Р	lance	u (43,	4 <i>31)</i> .	0	0.44433	0.000	0.034	0.022	0.31432	0.005	0.20723		
2		P							 		'				
	January 11		_								<u> </u>	ļ		l	
3	January 18	Ρ	Е												
4	January 25	Ρ	E												
5	February 1	Ρ	Е												
6	February 8	Ρ	Е												
7	February 15	Р	Е									<u> </u>			
									├ ───┤		'				
8	February 22	Ρ	Е			L					'	 			
9	March 1		Е												
10	March 8		Е												
11	March 15								1			l			l
12	March 22	1													
13	March 29	1							┢───┦						
		-									'		-		
14	April 5												1		
15	April 12								1			l			1
16	April 19														
17	April 26	t –													
		-		N.4					┟───┦		┢────┘				
18	May 3	_		М							ļ'				
19	May 10			М					1			ļ			L
20	May 17			М					1			l			1
21	May 24			Μ					ľ						
22	May 31	t –		М											
	June 7	-							┟────┦						
23		_		М							ļ'				
24	June 14			М									1		
25	June 21			Μ											
26	June 28			М	Н					2					
27	July 5	1			н	5			2						
		-													
28	July 12				Н				1		1				
29	July 19				Н		1		1						
30	July 26				Н		1				1	1			
31	August 2	İ.			Н		1	4		3					
32	August 9	-			н			1			1	2			
32	U U	-				───	┟───┤		└─── ┘	 	<u> </u>	<u> </u>	ļ	l	
	August 16	-			н						'				
34	August 23	<u> </u>			Н	┣───	1	 		 	 '	┣───	 		
35	August 30	L			Н						1			<u> </u>	
36	September 6				Н							1			
37	September 13	1	Ì	Ì	Ì		1						İ		
38	September 20	1	 		 	t			┟───┦		'	2	1		l
39	September 27	1				 					1		1		
		-				<u> </u>	╂────┤		┣────┤		<u> </u>	 	4		
40	October 4	1	ļ		ļ	L		L			<u> </u>	L	1		
41	October 11	1	<u> </u>		<u> </u>	┣───	\mid		└───┘	 	└─── '	┝───	ļ		
42	October 18	L											1	<u> </u>	
43	October 25											1			
44	November 1	t	1		1	1							1		
		+				I	┟───┤		┢───┦		┝────┘	I	<u> </u>	┟────┦	
45	November 8	-	I		I	┣───	┢───┤	 		┝────┘		┝───	I		
46	November 15														
47	November 22	1									1	1			1
48	November 29	1	Ì	1	Ì								İ		
49	December 6	1					╂───┤		┢────┦		┝────┘		<u> </u>	┟────┦	
		1	<u> </u>	L	<u> </u>	┣───	↓	┝────	└───┘	└─── ┘	└─── ′	┝───	ļ		l
50	December 13										<u> </u>				
51	December 00	1			1	I			1 7	1 7	1	1	I	1 7	
52	December 20 December 27								÷						

Crop Stages and Pesticide Use for Sugar Beets (Root & Tubers)

Applica Total /	Tot	Р	Crop E	Stag M		Chlorpyr	Diazina	Dimethe	-	N - I - 4h : -	Methyl				
Applicati Applica Total /	Total P Tot					Chlorpyr	Diarina	Dimatha	F	N 4 - 1 - 41- 1 -			-		
Applicati Applica Total /	Total P Tot		E	N //			Diazino	Dimetho	Fenami	ivialathio	Parathio		Phosme		
Applica Total /	Tot	0.00			н	ifos	n	ate	phos	n	n	Naled	t		
Applica Total /		our	ids (A	I) Ap	olied:	58,446	3,055	9,857	57,933	495	9,044	2,781	22,822		
Applica Total /				reatm		31,388	2,765	8,331	42,323	417	3,358	3,399	16,785		
Applica Total /	ion Rate (lbs ai/Acre), \$	SCV	/ cour	nties 1	998:	1.86	1.11	1.18	1.37	1.19	2.69	0.82	1.36		
	ation Rate (lbs ai/Acre),	All	Califo	ornia 1	998:										
	Application Metho	d (%	6Air, 9	%Gro	und):										
4	Acre Treatments / Acre	e Pla	inted	(410,	184):	0.0765	0.007	0.0203	0.10318	0.001	0.008	0.008	0.0409		
1	January 4		Е												
2	January 11		Е												
3															
	January 18		E												
4	January 25		Е												
5	February 1		Е												
6	February 8		Е												
7	February 15		Е												
8	February 22		Е			1									
9	March 1					2									
10	March 8					2									
11	March 15												1		
		\vdash			<u> </u>								<u> </u>		
12	March 22												L		
13	March 29														
14	April 5														
15	April 12										2		1		
			l						<u> </u>	ļ			1		
16	April 19								1	<u> </u>	3				
17	April 26														
18	May 3														
19									4						
	May 10								1						
20	May 17							1							
21	May 24							2	1						
22	May 31									2			1		
	-									2					
23	June 7						1	1							
24	June 14			Μ						1			1		
25	June 21			М											
26				M	Н										
	June 28														
27	July 5			М	н		1		1						
28	July 12			М	Н		1	1		1		1	1		
29	July 19			М	н		2								
	-						2								
30	July 26			М	Н								1		
31	August 2	1 1		М	Н										
32	August 9	t l		М	Н					1		1			
33	August 16	\vdash		M	H							1			
		\vdash													
34	August 23			М	Н							1	L		
35	August 30			М	Н										
36	September 6			М	Н					1					
37	September 13			M	Н							1			
		\vdash										1			
38	September 20			M	Н								ļ		
39	September 27			М	Н										
40	October 4			Μ	Н										
41	October 11				Н										
42	October 18				н				1						
									1						
43	October 25				Н										
44	November 1]			Н										
45	November 8				Н										
		\vdash													
46	November 15									l					
47	November 22														
48	November 29														
		\vdash			<u> </u>										
49	December 6									l					
50	December 13														
51	December 20												1		
52	December 27														

Crop Stages and Pesticide Use for Grapes (Small Fruits & Berries)

orop c	nayes and F	63		iuc	5 03		AIIIIU	<u>11u3 (</u>	IICC	inutsj					
			Crop	Sta	qe										
		<u> </u>				Azinpho	Chlorpyr	Diazino	Dimetho	Malathio	Methidat		Phosme		
Week	Midpoint Date	Ρ	Е	м	н	s Methyl	ifos	n	ate	n	hion	Naled	t		
		oun	nds (A	I) Ap	oplied:	72,145	162,604	46,958	30	4,072	34,260	1,138	68,421		
					ments:		82,275	22,951	35	2,114	22,557	471	24,068		
Applicat	ion Rate (lbs ai/Acre), S	SCV	/ cour	nties	1998:	1.70	1.98	2.05	0.87	1.93	1.52	2.42	2.84		
Applica	tion Rate (lbs ai/Acre),	All	Califo	ornia	1998:										
	Application Metho														
Total	Acre Treatments / Acre	e Pla	anted	(202	2,471):	0.2092	0.40635	0.11335	0	0.0104	0.11141	0.002	0.11887		
1	January 4		Е					1							
2	January 11		Е					1			2	2	1		
3	January 18		E					1			1	3			
											-	3			
4	January 25		Е					1							
5	February 1														
6	February 8														
7	February 15														
	,														
8	February 22														
9	March 1														
10	March 8														
11	March 15														
12	March 22														
13	March 29														
14	April 5														
15	April 12														
16	April 19														
17	April 26														
18	May 3						1								
19	May 10														
											4				
20	May 17										1				
21	May 24														
22	May 31			1											
23	June 7														
24	June 14												1		
25	June 21							1		1					
26	June 28			М											
27	July 5			М		1							1		
28	July 12			М		2	1						1		
29	July 19			М		2							1		
30	July 26			M		_	1		5						
									5						
31	August 2			М	Н		1								
32	August 9			Μ	н										
33	August 16			М	н		1			3					
34	August 23			М	Н	1				1			1		
35	August 30	\vdash		M	н					· ·					
		\square	—				ļ		L					L	
36	September 6			М	Н										
37	September 13			Μ	Н										
38	September 20				Н	1				1			1		
39	September 27			1	н	1				1			1		
		\vdash		<u> </u>											
40	October 4				Н										
41	October 11				Н										
42	October 18				н										
43	October 25									ľ			ľ		
44	November 1														
			—	<u> </u>	L	ļ				ļ			ļ		
45	November 8														
46	November 15	1		1											
47	November 22	t l		i –		1				1			1		
48	November 29														
49	December 6														
50	December 13														
51	December 20														
52	December 27										1				
52	December 21	1				I		l		I	1		I		

Crop Stages and Pesticide Use for Almonds (Tree Nuts)

orop c	playes and F	63		IUC	03		Appie	53 (FU	лпсг	Tuita					
			Crop	Stag	е						Methyl				
		_	r	-	r			Diazino	Fenami	Methidat		Phosme			
Week	Midpoint Date	Ρ	Е	М	Н	s Methyl		n	phos	hion	n	t			
	Total P						17,998	2,212	244	5,724	4,430	28,971			
				reatm		7,604	12,988	1,500	158	2,813	3,542	10,250			
Applicat	ion Rate (lbs ai/Acre), \$	SC\	/ cour	nties 1	998:	0.92	1.39	1.48	1.54	2.03	1.25	2.83			
Applica	ation Rate (lbs ai/Acre),														
. .	Application Metho					0 70000	4 00405	0 4 457 4	0.0454	0.07000	0.04445	0.00500			
	I Acre Treatments / Acr	re P		d (10,	292):	0.73883	1.26195	0.14574	0.0154	0.27332	0.34415	0.99592	'		
1	January 4		Е												
2	January 11		Е					1							
3	January 18		Е												
4	January 25		Е					1		1					
5	February 1		Е							1					
6	February 8									1					
7	February 15	-					4	4							
							1	1		1					
8	February 22														
9	March 1														
10	March 8									1					
11	March 15						1								
12	March 22														
													'		
13	March 29	L											'		
14	April 5														
15	April 12					1		1							
16	April 19					1									
									-				'		
17	April 26					1			5				'		
18	May 3											1			
19	May 10					1	1	1			1				
20	May 17														
21	May 24										1				
													'		
22	May 31										2				
23	June 7														
24	June 14			М		1	1					1			
25	June 21			М											
26	June 28			M	н								┢━━━━┛		
													'		
27	July 5			М	Н										
28	July 12			М	н							1			
29	July 19			М	н		1				1				
30	July 26			М	н										
													'		
31	August 2			М	Н							1	L'		
32	August 9			М	н										
33	August 16			М	Н										
34	August 23	1		М	Н										
35	August 30	1		М	н							1			
36	September 6	1		M	н										
		_						ļ			ļ		'		
37	September 13	1		М	Н								 '		ļļ
38	September 20	L			Н								'		ļ
39	September 27	L			Н										
40	October 4				Н										
41	October 11	1													
42	October 18	İ		1											
43	October 25	┢──											┢─────		
		<u> </u>		L		ļ	ļ		ļ	ļ			'		
44	November 1														l
45	November 8	Ι											1 7		
46	November 15														
47	November 22	1													
		-											'		
48	November 29	<u> </u>											L'		
49	December 6	L	L	L	L										
50	December 13														
51	December 20	┢											'		
52	December 27	1		1		İ	i		İ	i					
52		I										1	L	1	L

Crop Stages and Pesticide Use for Apples (Pome Fruits)

	Stages and P						Crun	900 (7		1		1	r
			Crop	Stag	е	Acophat	Azinnho	Chlorpyr	Diazino	Dimotho		Fonomi	Malathia	Methidat	1
Week	Midpoint Date	Ρ	Е	М	н	e	s Methyl	ifos	n	ate	Ethion	phos	n	hion	Naled
	Total I	Pour	nds (A	I) Ap	olied:	81	17	282,946	13	29,632	601	9,846	35,737	18,057	3,825
	То	tal A	cre T	reatm	ents:	149	14	69,775	19	15,674	15?	5,104	3,594	6,154	3,074
Applica	tion Rate (lbs ai/Acre), ation Rate (lbs ai/Acre)	SC\	/ coui	nties ?	1998:	0.54	1.21	4.06	0.66	1.89	40.08?	1.93	9.94	2.93	1.24
Applic	Application Metho	, All od (9		%Gro	und).										
Total	Acre Treatments / Acr	e Pla	anted	(174,	314):	0	0	0.40028	0	0.0899	0	0.0293	0.0206	0.0353	0.0176
1	January 4		Е												
2	January 11		Е												
3	January 18		Е												
4	January 25		Е												
5	February 1		Е												
6	February 8														
7	February 15														
8	February 22														
9	March 1														
10	March 8						5								
11	March 15														
12	March 22														
13	March 29														
14	April 5														
15	April 12	1	İ	İ	1										
16	April 19														
17	April 26														
18	May 3											1			
19	May 10														
20	May 17								5	1					2
21	May 24								Ű						2
22	May 31	_								1			1		1
22	June 7	+						1		1		1	1	1	<u> </u>
								1		4		I		I	I
24	June 14	_								1			_		
25	June 21	_						1					1		L
26	June 28											1		1	L
27	July 5							1		1					
28	July 12														
29	July 19					1									
30	July 26							1							
31	August 2										5				
32	August 9									1				1	
33	August 16							1							
34	August 23											1	1	1	
35	August 30														
36	September 6														
37	September 13					4									
38	September 20														
39	September 27			М									1		
40	October 4			М											
41	October 11			М								1	1	1	L
42	October 18			М	Н										L
43	October 25			М	Н										
44	November 1			М	Н										
45	November 8			М	Н										
46	November 15	Τ		М	Н										
47	November 22				Н										
48	November 29	1	l	l	н										
49	December 6	+	1	1	н						-	1	-	1	
50	December 13	+	1	<u> </u>											
	December 20	+													
51															4

Crop Stages and Pesticide Use for Oranges (Citrus)

Ciop .	Stayes and F	C 3		ue	03		FIUIII	<u> 3 (FII</u>	<u>liies)</u>	-		-	-	
			Crop	Stag	е					Methyl				
			-			Azinpho	Chlorpyr	Diazino	Methidat	Parathio	Phosme			
Week	Midpoint Date	Ρ	Е	М	н	s	ifos	n	hion	n	t			
	Total P	oun	nds (A	I) Ap	olied:	1,053	18,216	14,518	12,356	15,140	18,782			
	Tot	al A	cre T	reatm	ents:	776	9,675	7,538	6,008	10,636	7,632			
Applica	ation Rate (lbs ai/Acre), \$	SCV	/ cour	nties 1	1998:	1.36	1.88	1.93	2.06	1.42	2.46			
Applic	cation Rate (lbs ai/Acre),													
	Application Metho	d (%	∕₀Air, '	%Gro	und):									
	al Acre Treatments / Acr	re P		d (35,	555):	0.0218		0.21201		0.29914	0.21465			
1	January 4		E				1		1					
2	January 11		Е					1	1					
3	January 18		Е				1	1	1					
4	January 25		E				1							
5	February 1		E				1	1	1					
							1	1	1					
6	February 8		Е											
7	February 15		Е											
8	February 22								1					
9	March 1													
9 10	March 8													
11	March 15													
12	March 22													
13	March 29													
14	April 5													
		\vdash				_						 		
15	April 12					1				1				
16	April 19					1					1			
17	April 26					1				1				
18	May 3					1								
10	May 10							1		1	1			
						4		1						
20	May 17			Μ		1					1			
21	May 24			М	н					1				
22	May 31			Μ	Н									
23	June 7			М	н					1				
	June 14				н									
24				Μ										
25	June 21			М	Н									
26	June 28			Μ	н						1			
27	July 5			М	Н									
28	July 12			М	н			1			1			
	-							1						
29	July 19			Μ	Н									
30	July 26			М	н									
31	August 2				Н									
32	August 9				Н									
33	August 16				н									
34	August 23				н									
35	August 30				Н									
36	September 6		L	L	Н									
37	September 13				Н									
38	September 20		 		н				1	1			1	
39	September 27				н		1		1	1		1	1	
	October 4	\vdash												
40				l										
41	October 11		L		L		ļ		ļ	ļ		ļ	ļ	
42	October 18													
43	October 25													
44	November 1	Î							1	1			1	
45	November 8													
		\vdash												
46	November 15													
47	November 22													
48	November 29													
49	December 6													
		\vdash												
50	December 13			l			4							
51	December 20	\vdash					1					 		
52	December 27		1											

Crop Stages and Pesticide Use for Plums (Prunes)

Ciop -	Slayes and F	63		ue	03		r eau	1162 (,	Stone	Fruit	3/				
				Stag				Diazino	Fenami	Methidat	Methyl Parathio		Phosme		
Week	Midpoint Date	Ρ	Е	М	Н	s Methyl		n	phos	hion	n	Naled	t		
	Total P							19,056	319	3,398	9,766	1	33,082		
Applio	I ot ation Rate (Ibs ai/Acre), \$			reatm		442	10,827	10,103	192 1.66	1,957	6,901 1.42	10 0.12	12,852		
Applica	cation Rate (lbs al/Acre),		Calif	nies prnia 1	1990.	1.65	1.90	1.89	1.00	1.74	1.42	0.12	2.57		
7.664	Application Metho														
Tot	tal Acre Treatments / Acr	re P	lante	d (36,	229):	0.0122	0.29885	0.27887	0.005	0.054	0.19048	0	0.35474		
1	January 4		Е				1	1		1					
2	January 11		Е							1					
3	January 18		Е				1	1		1					
4	January 25		E				1	1							
5	February 1		Е							1					
6	February 8		Е				1								
7	February 15		Е					1							
8	February 22														
9	March 1														
10	March 8														
11	March 15														
12	March 22		1		1				1						
12	March 29								<u> </u>						
13	April 5	┢──							<u> </u>				<u> </u>		
		-													
15	April 12														
16	April 19														
17	April 26														
18	May 3			М											
19	May 10			М	Н								1		
20	May 17			М	Н	3					2		1		
21	May 24			М	н	2					1				
22	May 31			М	Н			1			1				
23	June 7			М	Н								1		
24	June 14			М	н				1						
25	June 21			М	н										
26	June 28			M	Н										
20	July 5	-		M	н								1		
					н						4	5	'		
28	July 12			M							1	5			
29	July 19			M	Н										
30	July 26			М	н										
31	August 2			М	н								1		
32	August 9			М	Н										
33	August 16			М	Н										
34	August 23			М	н										
35	August 30	L		М	н				2						
36	September 6	L		М	Н										
37	September 13	Γ			н										
38	September 20				Н										
39	September 27				Н										
40	October 4				н										
41	October 11				Н										
42	October 18				н										
43	October 25				Н				I						
44	November 1	İ 🗌				1	1	1	1	1	1		İ	1	
45	November 8		1		1				1						
46	November 15	┢							<u> </u>						
		-							<u> </u>						
47	November 22	-							├ ──						
48	November 29	<u> </u>							<u> </u>				ļ		
49	December 6								L						
50	December 13														
51	December 20	1					1								
52	December 27	I								1					

Crop Stages and Pesticide Use for Peaches (Stone Fruits)

orop	Slayes and F	63						11003	(i i uit	ung v	<u>eg.</u> /	1	1	1	1
			Crop	Stag	е										
		Р	Е	М	Н		Dimetho								
Week	Midpoint Date					n	ate	n	hion	Phorate					
L	Total I	Jour	nds (A	(I) Appresent	olied:	2,121	4,973	214	2,486	36					
Applio	ation Rate (lbs ai/Acre),			reating	ents:	2,712 0.78	10,836 0.46	143 1.49	2,913 0.85	36 1.00					
Applic	cation Rate (lbs ai/Acre)	All	Califo	nnia 1	990.	0.70	0.40	1.49	0.05	1.00					
Лррік	Application Metho	, / (ii od (%	Air 6	%Gro	und):										
Tota	al Acre Treatments / Acre	e Pla	anted	(134,	416):	0.0202	0.0806	0.001	0.0217	0					
1	January 4	Ρ													
2	January 11	Ρ	Е												
3	January 18	Р	Е												
4	January 25	Р	E												
5	February 1	P	E												
		P	E												
6	February 8														
7	February 15	Ρ	Е												
8	February 22	Р	Е												
9	March 1	Ρ	Е			1									
10	March 8	Ρ	Е												<u> </u>
11	March 15	Ρ	Е												
12	March 22	P	E												
		-													
13	March 29	Ρ	E	L		ļ	ļ			ļ	ļ	ļ	ļ	ļ	
14	April 5	Ρ	Е												
15	April 12	Ρ	Е												
16	April 19	Р	Е			1				5					
17	April 26	P	E				1			-					
		F	-				1								
18	May 3		Е	М		1									
19	May 10			М	Н	2									
20	May 17			М	Н										
21	May 24			Μ	Н										
22	May 31			М	н										
23	June 7			М	н		1								
		_					'								
24	June 14	_		М	Н				1						
25	June 21			М	Н		1	2	1						
26	June 28			М	н										
27	July 5			Μ	Н		1	3							
28	July 12			М	н				1						
29	July 19			M	Н				1						
		-							1						
30	July 26	_		М	Н		1								
31	August 2			М	Н				1						
32	August 9			М	Н										
33	August 16			М	Н										
34	August 23	1		М	Н										
35	August 30	T		М	н										
36	September 6	+	ł		н										
37	September 13	+			н										┟───┤
		+													┟───┤
38	September 20	+			Н										├ ──┤
39	September 27	1	ļ	ļ	Н								ļ		
40	October 4				Н										
41	October 11				Н										
42	October 18				Н										
43	October 25				Н										
44	November 1	1	1		н		1						1	1	
45	November 8	+			н										├ ───┤
		+													┠───┤
46	November 15	4			Н										
47	November 22				Н										
48	November 29				Н										
49	December 6	T	Ī		н		1							1	
50	December 13	+	 		Н										╏───┤
50 51	December 20	+			H				-						
52	December 27	+			H										├ ───┤
52	December 21		I	1		I	I			I	I	I	I	I	I

Crop Stages and Pesticide Use for Tomatoes (Fruiting Veg.)

Uver Logon Date Crop Stage Darie Dimetro Malathin atomatical matrix of the stage o	<u> </u>	Slayes IUI	Uu						113, U	ucun	51137				-	1	.
Week Mcgoint Date P E M H e n ate n Naied ODM Total Acre Treatments 32 32.3 32.8 3					Crop	Stag	е										
Total Pounds (M) Applied: 3217 350 97 282 358 1 Application Rate (bs alAce), SCV counties 1998. 5.96 0.53 0.39 1.56 0.91 0.35 1 Application Rate (bs alAce), SCV counties 1998. 5.96 0.53 0.39 1.56 0.91 0.35 1 Total Acer (transmins Ace) Panled (0.377). 0.002 0.1028 0.002 0.0103 0.0328 1 January 4 Panled (0.377). 0.002 0.1028 0.002 0.0103 0.0328 1 January 11 L 2 L L 1 <	1			-				Bensulid	Diazino	Dimetho	Malathio						
Total Ace Treatments 62 6.058 93 62 319 1.012 Application Rate (bs al/Acce), All Calfornia 1998: 5 <td>Week</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>ODM</td> <td></td> <td></td> <td></td> <td></td>	Week												ODM				
Application Rate (bs al/Acc), SCV counter 1998; Application Method (%Ar, %Ground); Application Method (%Ar, %Ground); Application Method (%Ar, %Ground); Totil Ace (rearmine); Arc, %Ground); 0.028 0.002 0.0103 0.0328 1 January 4 P 0 0.028 0.002 0.0103 0.0328 1 January 4 P 0 0.028 0.002 0.0103 0.0328 3 January 11 2 0 0 0.021 0.0103 0.0328 5 February 1 P 0 0 0 0 0 0.022 6 February 15 P E 0 0 0 0 0 0 10 March 16 P E 0		T															
Application Rate (bs. a)/Acp. All California 1998 Image: Constraint of the second																	
Application Method (%Air, %Ground): 0.002 0.028 0.028 0.028 1 January 4 0.028 0.028 0.028 0.028 0.028 1 January 4 0.028 0.028 0.028 0.028 0.028 3 January 18 0.02 0.028 0.028 0.028 0.028 4 January 18 0.028 0.028 0.028 0.028 0.028 5 February 18 0 0 0.028 0.028 0.028 0.028 6 February 28 P E 0 0 0.028 0.028 0.028 7 February 22 P E 0 0 0 0 0 0 0 10 March 32 P E 0	Applica	ation Rate (lbs ai/A	kcre), S	SCV	' cour	nties 1	998:	5.95	0.53	0.39	1.56	0.91	0.35				
Total Acre Treaments / Acre Planet (30.875): 0.002 0.0128	Applic																
1 January 1 I 2 2 Image 1																	
2 January 18 I 2 I I I I 3 January 25 I I I I I I I 5 February 1 P I I I I I I 6 February 15 P E I I I I I 7 February 15 P E I I I I I I I 8 February 22 P E I			s / Acr	еP	lanteo	d (30,	875):	0.002	0.19621	0.0289	0.002	0.0103	0.0328				
3 January 18 N	1	January 4															
4 January 25 Image: Constraint of the second s	2	January 11						2									
4 January 25 Image: Constraint of the second s	3	January 18															
5 February 1 P																	
6 February 8 P Image: constraint of the second				D													
7 February 15 P E I I I I I 8 February 22 P E I <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td>																	
8 February 22 P E Image: Constraint of the second s																	
9 March 1 P E 3 10 March 15 P E 3 11 March 12 P E 12 March 22 P E 13 March 22 P E 1 14 April 2 P E 1 16 April 26 P E 1	7	February 15		Ρ	Е												
9 March 1 P E 3 10 March 15 P E 3 11 March 12 P E 12 March 22 P E 13 March 22 P E 1 14 April 2 P E 1 16 April 26 P E 1	8	February 22		Ρ	Е												
10 March 8 P E 3 11 March 25 P E <		-															
11 March 15 P E Image: state of the state of								2									i
12 March 22 P E Image: constraint of the second sec								3									ļ
13 March 29 P E 2 1 1 14 April 5 P E 1 2 1 1 15 April 12 P E 1 1 1 1 1 16 April 20 P E 1 1 1 1 1 17 April 26 P E 1 1 1 1 1 18 May 3 P E 1 1 1 1 1 20 May 17 P E 1 1 1 1 1 21 May 24 P E 1 1 1 1 1 23 June 7 P E 1 1 1 1 1 24 June 14 P E M 1 1 1 1 1 1 25 June 28 P E M H 1 2 1 1 1 1 1 1 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>l</td><td></td><td>l</td><td>l</td><td>l</td><td></td><td></td><td>L</td></t<>										l		l	l	l			L
14 April 5 P E 1 1 1 16 April 12 P E 1 1 1 1 16 April 12 P E 1 1 1 1 1 18 May 3 P E 1 1 1 1 1 18 May 10 P E 1 1 1 1 1 20 May 17 P E 1 1 1 1 1 21 May 24 P E 1<	12	March 22		Ρ	Е												1 -
14 April 5 P E 1 1 1 16 April 12 P E 1 1 1 1 16 April 12 P E 1 1 1 1 1 18 May 3 P E 1 1 1 1 1 18 May 10 P E 1 1 1 1 1 20 May 17 P E 1 1 1 1 1 21 May 24 P E 1<	13	March 29		Ρ	Е												
15 April 12 P E 1 1 1 1 1 16 April 26 P E 1 1 1 1 1 17 April 26 P E 1 1 1 1 1 1 18 May 3 P E 1 1 1 1 1 1 20 May 17 P E 1 1 1 1 1 1 1 21 May 24 P E 1										2							
16 April 19 P E 1 1 1 1 1 17 April 26 P E 1 1 1 1 1 1 1 18 May 3 P E 1 1 1 1 1 1 1 19 May 10 P E 1										2							i
17 April 26 P E 1 1 1 1 1 18 May 10 P E 1 1 1 1 1 19 May 10 P E 1 1 1 1 1 20 May 17 P E 1 1 1 1 1 21 May 24 P E 1 1 1 1 1 23 June 7 P E 1 1 1 1 1 24 June 14 P E 1 1 1 1 1 25 June 21 P E M 1 5 1 1 26 July 5 P E M 1 1 1 1 1 1 28 July 12 P E M 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									1								L
18 May 3 P E Image: Constraint of the second	16	April 19		Ρ	Е												
18 May 3 P E Image: Constraint of the second	17	April 26		Ρ	Е					1							
19 May 10 P E Image: Constraint of the second secon	18			Р	F												
20 May 17 P E Image: constraint of the second secon							-										
21 May 24 P E Image: Constraint of the second secon																	
22 May 31 P E 1 1 1 1 1 23 June 7 P E 1 1 1 1 1 24 June 14 P E 1 1 1 1 1 25 June 21 P E M 1 5 1 1 26 Juny 5 P E M H 1 5 1 1 28 July 5 P E M H 1 3 1 1 1 28 July 12 P E M H 1 2 1 1 30 July 26 E M H 1		-															
23 June 7 P E Image: constraint of the second secon	21	May 24		Ρ	Е												
23 June 7 P E 1 1 1 1 24 June 14 P E 1 1 1 1 1 25 June 28 P E M 1 5 1 1 1 1 26 June 28 P E M H 1 5 1 1 1 27 July 5 P E M H 1 3 1<	22	May 31		Ρ	Е					1							
24 June 14 P E Image: constraint of the second seco	23	-		Р	F								1				
25 June 21 P E M Image: Constraint of the second s							-										
26 June 28 P E M H 1 5 Image: Constraint of the second																	
27 July 5 P E M H 1 1 1 1 28 July 12 P E M H 1 3 1 1 29 July 19 P E M H 1 2 1 1 30 July 26 E M H 1 2 1 1 31 August 2 M H 1 1 1 1 1 1 32 August 9 M H 1	25	June 21			E	М											
28 July 12 P E M H 1 3 1 29 July 19 P E M H 1 2 30 July 26 E M H 1 31 August 2 M M H <t< td=""><td>26</td><td>June 28</td><td></td><td>Ρ</td><td>Е</td><td>Μ</td><td>Н</td><td></td><td>1</td><td></td><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	26	June 28		Ρ	Е	Μ	Н		1		5						
28 July 12 P E M H 1 3 1 29 July 19 P E M H 1 2 30 July 26 E M H 1 31 August 2 M M H <t< td=""><td>27</td><td>Julv 5</td><td></td><td>Р</td><td>Е</td><td>М</td><td>н</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td></t<>	27	Julv 5		Р	Е	М	н						1				
29 July 19 P E M H 1 2 Image: Constraint of the stress of the stres									1			2					
30 July 26 E M H 1 Image: Constraint of the stress of the s									1			5					
31 August 2 M H Image: Constraint of the second sec				Р						1			2				
32 August 9 M H 1 1 33 August 16 M H 1 1 1 34 August 23 M H 1 1 1 1 35 August 30 M H 1 1 1 1 1 36 September 6 M H 1 1 1 1 1 1 37 September 13 M H 1	30	July 26			Е	М	н		1								
32 August 9 M H 1 Image: constraint of the state of the	31	August 2				М	Н										
33 August 16 M H Image: constraint of the second se	32					М	н					1					
34 August 23 M H Image: Constraint of the system of												· · ·					
35 August 30 M H Image: constraint of the system of												1					
36 September 6 M H I I I I I 37 September 13 M H 1 I I I I 38 September 20 M H I <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td></td> <td>ļ</td> <td> </td> <td></td> <td>ļ</td> <td>ļ</td> <td> </td> <td> </td> <td> </td>										ļ			ļ	ļ			
37 September 13 M H 1 Image: Constraint of the system of the sys																	
38 September 20 M H Image: Constraint of the sector	36	September 6				М	Н										
38 September 20 M H Image: Constraint of the sector	37	September 13				Μ	Н		1								
39 September 27 M H Image: Constraint of the system																	
40 October 4 M H Image: Constraint of the second se								1								1	
41 October 11 M H Image: Constraint of the system o																	
42 October 18 M H Image: Constraint of the system o								ļ							ļ	ļ	└───
43 October 25 H Image: Constraint of the system of t																	
44 November 1 Image: Constraint of the system of the						M											
45 November 8 Image: Constraint of the second	43	October 25			1		н										
45 November 8 Image: Constraint of the second	44	November 1															
46 November 15 Image: Constraint of the second sec																	
47 November 22 Image: Constraint of the second sec																	├ ───┤
48 November 29								ļ								ļ	
	47	November 22															
	48	November 29															
1 49 I Decemper 6 I I I I I I I I I I I I I I I I I I	49	December 6															<u> </u>
						l		ļ							ļ	ļ	└───
51 December 20																	
52 December 27	52	December 27			1												

Crop Stages for Cantaloupes (Melons, Cucurbits)

Crop Stages for Asparagus

	stages for As	pha											
			Crop	Stag	е	01-1	Disultat						
Week	Midpoint Date	Ρ	Е	М	Н	Chlorpyr ifos	Disulfot						
WEEK	Total F	Pour		J) Ani	olied [.]	195	4,730						
			cre T			305	4,671						
Applicat	tion Rate (lbs ai/Acre),	SC∖	/ cour	nties 1	998:	0.64	1.01						
Applica	ation Rate (lbs ai/Acre),	All	Califo	ornia 1	998:								
Tot	Application Metho tal Acre Treatments / A					0.0920	1 27022						ļ
1	January 4	cie		eu (3,	<i>677</i>).	0.0629	1.27033						
2	January 11												
3	January 18												
4	January 25	_											
5	February 1	-											
6	February 8		E										
	-	_											
7	February 15		E	М									
8	February 22		Е	М	Н								
9	March 1		Е	М	Н								
10	March 8		E	М	Н								ļ
11	March 15		Е	М	Н								L
12	March 22		Е	М	Н								L
13	March 29		Е	М	Н								
14	April 5		E	М	Н								
15	April 12		Е	М	Н								
16	April 19	1	Е	М	Н								
17	April 26		Е	М	н								
18	May 3		E	M	Н								
10	May 10	_	E	M	Н								
20	May 17		E	M	н								
20	May 24	_	E	M	н								
		_											
22	May 31		E	М	Н								ļ
23	June 7		Е	М	Н								ļ
24	June 14		Е	М	Н								
25	June 21			М	Н								
26	June 28				Н								
27	July 5												
28	July 12												
29	July 19												
30	July 26						1						
31	August 2												
32	August 9							-					
33	August 16	+					1						
34	August 23	\vdash				4	<u>'</u>						
35	August 30	+											I
36	September 6	\vdash				1	1		 				
		-				1							
37	September 13 September 20	+					1						ł
38		\vdash							 				
39	September 27	-											
40	October 4	4											
41	October 11	-					4						l
42	October 18	+					1						ł
43	October 25	1											
44	November 1												
45	November 8												
46	November 15												
47	November 22												[
48	November 29	1											
49	December 6	1	i –	i –					 1	1	1		 i
50	December 13	\vdash											
51	December 20	+											┝───
52	December 27	1							1	1	1	1	<u> </u>
		1						1					·

Note: More complete application dates for the California assessments are available in Excel format by request from the Pesticide Docket, telephone 703-305-5805.