

APPENDIX B - Ziram by site counts

<u>chemname</u>	<u>Week</u>	<u>site_name</u>	<u>CountOfsit</u>	<u>Date</u>
ZIRAM	11	ALFALFA	1	17-Mar
ZIRAM	1	ALMOND	8	7-Jan
ZIRAM	2	ALMOND	14	14-Jan
ZIRAM	3	ALMOND	41	21-Jan
ZIRAM	4	ALMOND	29	28-Jan
ZIRAM	5	ALMOND	29	4-Feb
ZIRAM	6	ALMOND	83	11-Feb
ZIRAM	7	ALMOND	522	18-Feb
ZIRAM	8	ALMOND	1004	25-Feb
ZIRAM	9	ALMOND	1859	3-Mar
ZIRAM	10	ALMOND	2312	10-Mar
ZIRAM	11	ALMOND	2486	17-Mar
ZIRAM	12	ALMOND	2465	24-Mar
ZIRAM	13	ALMOND	1889	31-Mar
ZIRAM	14	ALMOND	1111	7-Apr
ZIRAM	15	ALMOND	410	14-Apr
ZIRAM	16	ALMOND	309	21-Apr
ZIRAM	17	ALMOND	68	28-Apr
ZIRAM	18	ALMOND	43	5-May
ZIRAM	19	ALMOND	15	12-May
ZIRAM	20	ALMOND	7	19-May
ZIRAM	21	ALMOND	2	26-May
ZIRAM	22	ALMOND	6	2-Jun
ZIRAM	23	ALMOND	1	9-Jun
ZIRAM	26	ALMOND	1	30-Jun
ZIRAM	29	ALMOND	1	21-Jul
ZIRAM	30	ALMOND	1	28-Jul
ZIRAM	46	ALMOND	3	17-Nov
ZIRAM	47	ALMOND	1	24-Nov
ZIRAM	48	ALMOND	4	1-Dec
ZIRAM	49	ALMOND	3	8-Dec
ZIRAM		ALMOND	2	0-Jan
ZIRAM	4	APPLE	1	28-Jan
ZIRAM	6	APPLE	2	11-Feb
ZIRAM	8	APPLE	2	25-Feb
ZIRAM	9	APPLE	8	3-Mar
ZIRAM	10	APPLE	22	10-Mar
ZIRAM	11	APPLE	28	17-Mar
ZIRAM	12	APPLE	36	24-Mar
ZIRAM	13	APPLE	27	31-Mar
ZIRAM	14	APPLE	38	7-Apr
ZIRAM	15	APPLE	48	14-Apr
ZIRAM	16	APPLE	21	21-Apr
ZIRAM	17	APPLE	10	28-Apr
ZIRAM	18	APPLE	3	5-May
ZIRAM	19	APPLE	23	12-May
ZIRAM	20	APPLE	30	19-May
ZIRAM	21	APPLE	3	26-May
ZIRAM	22	APPLE	1	2-Jun
ZIRAM	23	APPLE	1	9-Jun

Ziram by site counts

ZIRAM	25 APPLE	2	23-Jun
ZIRAM	26 APPLE	2	30-Jun
ZIRAM	27 APPLE	3	7-Jul
ZIRAM	28 APPLE	1	14-Jul
ZIRAM	29 APPLE	2	21-Jul
ZIRAM	31 APPLE	3	4-Aug
ZIRAM	32 APPLE	5	11-Aug
ZIRAM	33 APPLE	2	18-Aug
ZIRAM	34 APPLE	3	25-Aug
ZIRAM	35 APPLE	1	1-Sep
ZIRAM	36 APPLE	1	8-Sep
ZIRAM	38 APPLE	1	22-Sep
ZIRAM	39 APPLE	1	29-Sep
ZIRAM	40 APPLE	4	6-Oct
ZIRAM	41 APPLE	4	13-Oct
ZIRAM	1 APRICOT	13	7-Jan
ZIRAM	2 APRICOT	36	14-Jan
ZIRAM	3 APRICOT	52	21-Jan
ZIRAM	4 APRICOT	40	28-Jan
ZIRAM	5 APRICOT	30	4-Feb
ZIRAM	6 APRICOT	63	11-Feb
ZIRAM	7 APRICOT	144	18-Feb
ZIRAM	8 APRICOT	197	25-Feb
ZIRAM	9 APRICOT	193	3-Mar
ZIRAM	10 APRICOT	186	10-Mar
ZIRAM	11 APRICOT	183	17-Mar
ZIRAM	12 APRICOT	147	24-Mar
ZIRAM	13 APRICOT	117	31-Mar
ZIRAM	14 APRICOT	69	7-Apr
ZIRAM	15 APRICOT	34	14-Apr
ZIRAM	16 APRICOT	39	21-Apr
ZIRAM	17 APRICOT	37	28-Apr
ZIRAM	18 APRICOT	16	5-May
ZIRAM	19 APRICOT	9	12-May
ZIRAM	20 APRICOT	8	19-May
ZIRAM	21 APRICOT	4	26-May
ZIRAM	40 APRICOT	1	6-Oct
ZIRAM	42 APRICOT	1	20-Oct
ZIRAM	44 APRICOT	4	3-Nov
ZIRAM	45 APRICOT	5	10-Nov
ZIRAM	46 APRICOT	1	17-Nov
ZIRAM	47 APRICOT	11	24-Nov
ZIRAM	48 APRICOT	10	1-Dec
ZIRAM	49 APRICOT	11	8-Dec
ZIRAM	50 APRICOT	4	15-Dec
ZIRAM	51 APRICOT	9	22-Dec
ZIRAM	52 APRICOT	9	29-Dec
ZIRAM	53 APRICOT	11	5-Jan
ZIRAM	1 CHERRY	2	7-Jan
ZIRAM	2 CHERRY	5	14-Jan
ZIRAM	3 CHERRY	5	21-Jan

Ziram by site counts

ZIRAM	4 CHERRY	1	28-Jan
ZIRAM	5 CHERRY	2	4-Feb
ZIRAM	6 CHERRY	4	11-Feb
ZIRAM	7 CHERRY	3	18-Feb
ZIRAM	8 CHERRY	3	25-Feb
ZIRAM	9 CHERRY	16	3-Mar
ZIRAM	10 CHERRY	28	10-Mar
ZIRAM	11 CHERRY	25	17-Mar
ZIRAM	12 CHERRY	27	24-Mar
ZIRAM	13 CHERRY	6	31-Mar
ZIRAM	14 CHERRY	19	7-Apr
ZIRAM	15 CHERRY	8	14-Apr
ZIRAM	16 CHERRY	4	21-Apr
ZIRAM	17 CHERRY	1	28-Apr
ZIRAM	27 CHERRY	1	7-Jul
ZIRAM	46 CHERRY	2	17-Nov
ZIRAM	47 CHERRY	2	24-Nov
ZIRAM	50 CHERRY	6	15-Dec
ZIRAM	51 CHERRY	1	22-Dec
ZIRAM	52 CHERRY	1	29-Dec
ZIRAM	53 CHERRY	1	5-Jan
ZIRAM	9 COMMODITY FUMIGATION	1	3-Mar
ZIRAM	1 GRAPES	2	7-Jan
ZIRAM	3 GRAPES	2	21-Jan
ZIRAM	4 GRAPES	4	28-Jan
ZIRAM	7 GRAPES	2	18-Feb
ZIRAM	8 GRAPES	3	25-Feb
ZIRAM	9 GRAPES	16	3-Mar
ZIRAM	10 GRAPES	51	10-Mar
ZIRAM	11 GRAPES	136	17-Mar
ZIRAM	12 GRAPES	495	24-Mar
ZIRAM	13 GRAPES	942	31-Mar
ZIRAM	14 GRAPES	1021	7-Apr
ZIRAM	15 GRAPES	737	14-Apr
ZIRAM	16 GRAPES	662	21-Apr
ZIRAM	17 GRAPES	257	28-Apr
ZIRAM	18 GRAPES	97	5-May
ZIRAM	19 GRAPES	36	12-May
ZIRAM	20 GRAPES	29	19-May
ZIRAM	21 GRAPES	3	26-May
ZIRAM	22 GRAPES	3	2-Jun
ZIRAM	23 GRAPES	3	9-Jun
ZIRAM	24 GRAPES	4	16-Jun
ZIRAM	25 GRAPES	2	23-Jun
ZIRAM	26 GRAPES	3	30-Jun
ZIRAM	27 GRAPES	2	7-Jul
ZIRAM	33 GRAPES	1	18-Aug
ZIRAM	41 GRAPES	1	13-Oct
ZIRAM	47 GRAPES	1	24-Nov
ZIRAM	52 GRAPES	1	29-Dec
ZIRAM	9 GRAPES, WINE	2	3-Mar

Ziram by site counts

ZIRAM	10 GRAPES, WINE	5	10-Mar
ZIRAM	11 GRAPES, WINE	26	17-Mar
ZIRAM	12 GRAPES, WINE	79	24-Mar
ZIRAM	13 GRAPES, WINE	155	31-Mar
ZIRAM	14 GRAPES, WINE	188	7-Apr
ZIRAM	15 GRAPES, WINE	136	14-Apr
ZIRAM	16 GRAPES, WINE	132	21-Apr
ZIRAM	17 GRAPES, WINE	112	28-Apr
ZIRAM	18 GRAPES, WINE	25	5-May
ZIRAM	19 GRAPES, WINE	4	12-May
ZIRAM	20 GRAPES, WINE	13	19-May
ZIRAM	21 GRAPES, WINE	2	26-May
ZIRAM	22 GRAPES, WINE	4	2-Jun
ZIRAM	23 GRAPES, WINE	2	9-Jun
ZIRAM	27 GRAPES, WINE	1	7-Jul
ZIRAM	1 LANDSCAPE MAINTEN	7	7-Jan
ZIRAM	5 LANDSCAPE MAINTEN	5	4-Feb
ZIRAM	6 LANDSCAPE MAINTEN	4	11-Feb
ZIRAM	9 LANDSCAPE MAINTEN	1	3-Mar
ZIRAM	14 LANDSCAPE MAINTEN	1	7-Apr
ZIRAM	18 LANDSCAPE MAINTEN	1	5-May
ZIRAM	36 LANDSCAPE MAINTEN	1	8-Sep
ZIRAM	44 LANDSCAPE MAINTEN	1	3-Nov
ZIRAM	48 LANDSCAPE MAINTEN	2	1-Dec
ZIRAM	49 LANDSCAPE MAINTEN	4	8-Dec
ZIRAM	LANDSCAPE MAINTEN	10	0-Jan
ZIRAM	18 LEMON	1	5-May
ZIRAM	48 LEMON	1	1-Dec
ZIRAM	1 NECTARINE	288	7-Jan
ZIRAM	2 NECTARINE	792	14-Jan
ZIRAM	3 NECTARINE	895	21-Jan
ZIRAM	4 NECTARINE	804	28-Jan
ZIRAM	5 NECTARINE	502	4-Feb
ZIRAM	6 NECTARINE	477	11-Feb
ZIRAM	7 NECTARINE	415	18-Feb
ZIRAM	8 NECTARINE	690	25-Feb
ZIRAM	9 NECTARINE	907	3-Mar
ZIRAM	10 NECTARINE	734	10-Mar
ZIRAM	11 NECTARINE	560	17-Mar
ZIRAM	12 NECTARINE	358	24-Mar
ZIRAM	13 NECTARINE	123	31-Mar
ZIRAM	14 NECTARINE	104	7-Apr
ZIRAM	15 NECTARINE	76	14-Apr
ZIRAM	16 NECTARINE	82	21-Apr
ZIRAM	17 NECTARINE	44	28-Apr
ZIRAM	18 NECTARINE	11	5-May
ZIRAM	19 NECTARINE	5	12-May
ZIRAM	20 NECTARINE	4	19-May
ZIRAM	21 NECTARINE	1	26-May
ZIRAM	41 NECTARINE	1	13-Oct
ZIRAM	42 NECTARINE	7	20-Oct

Ziram by site counts

ZIRAM	43 NECTARINE	13	27-Oct
ZIRAM	44 NECTARINE	34	3-Nov
ZIRAM	45 NECTARINE	40	10-Nov
ZIRAM	46 NECTARINE	50	17-Nov
ZIRAM	47 NECTARINE	47	24-Nov
ZIRAM	48 NECTARINE	23	1-Dec
ZIRAM	49 NECTARINE	26	8-Dec
ZIRAM	50 NECTARINE	72	15-Dec
ZIRAM	51 NECTARINE	105	22-Dec
ZIRAM	52 NECTARINE	318	29-Dec
ZIRAM	53 NECTARINE	167	5-Jan
ZIRAM	54 NECTARINE	8	12-Jan
ZIRAM	36 N-GRNHS GRWN CUT	1	8-Sep
ZIRAM	13 N-GRNHS PLANTS IN C	2	31-Mar
ZIRAM	14 N-GRNHS PLANTS IN C	3	7-Apr
ZIRAM	15 N-GRNHS PLANTS IN C	1	14-Apr
ZIRAM	17 N-GRNHS PLANTS IN C	2	28-Apr
ZIRAM	19 N-GRNHS PLANTS IN C	1	12-May
ZIRAM	24 N-GRNHS PLANTS IN C	1	16-Jun
ZIRAM	28 N-GRNHS PLANTS IN C	1	14-Jul
ZIRAM	31 N-GRNHS PLANTS IN C	1	4-Aug
ZIRAM	36 N-GRNHS PLANTS IN C	1	8-Sep
ZIRAM	37 N-GRNHS PLANTS IN C	3	15-Sep
ZIRAM	39 N-GRNHS PLANTS IN C	1	29-Sep
ZIRAM	40 N-GRNHS PLANTS IN C	3	6-Oct
ZIRAM	42 N-GRNHS PLANTS IN C	1	20-Oct
ZIRAM	45 N-GRNHS PLANTS IN C	3	10-Nov
ZIRAM	49 N-GRNHS PLANTS IN C	2	8-Dec
ZIRAM	53 N-GRNHS PLANTS IN C	1	5-Jan
ZIRAM	2 N-OUTDR CONTAINER	2	14-Jan
ZIRAM	6 N-OUTDR CONTAINER	5	11-Feb
ZIRAM	7 N-OUTDR CONTAINER	10	18-Feb
ZIRAM	8 N-OUTDR CONTAINER	14	25-Feb
ZIRAM	9 N-OUTDR CONTAINER	18	3-Mar
ZIRAM	10 N-OUTDR CONTAINER	9	10-Mar
ZIRAM	11 N-OUTDR CONTAINER	8	17-Mar
ZIRAM	12 N-OUTDR CONTAINER	16	24-Mar
ZIRAM	13 N-OUTDR CONTAINER	9	31-Mar
ZIRAM	14 N-OUTDR CONTAINER	14	7-Apr
ZIRAM	15 N-OUTDR CONTAINER	3	14-Apr
ZIRAM	16 N-OUTDR CONTAINER	1	21-Apr
ZIRAM	18 N-OUTDR CONTAINER	3	5-May
ZIRAM	19 N-OUTDR CONTAINER	1	12-May
ZIRAM	20 N-OUTDR CONTAINER	1	19-May
ZIRAM	33 N-OUTDR CONTAINER	1	18-Aug
ZIRAM	39 N-OUTDR CONTAINER	4	29-Sep
ZIRAM	40 N-OUTDR CONTAINER	13	6-Oct
ZIRAM	41 N-OUTDR CONTAINER	11	13-Oct
ZIRAM	42 N-OUTDR CONTAINER	9	20-Oct
ZIRAM	43 N-OUTDR CONTAINER	7	27-Oct
ZIRAM	44 N-OUTDR CONTAINER	11	3-Nov

Ziram by site counts

ZIRAM	45 N-OUTDR CONTAINER	13	10-Nov
ZIRAM	46 N-OUTDR CONTAINER	8	17-Nov
ZIRAM	47 N-OUTDR CONTAINER	10	24-Nov
ZIRAM	48 N-OUTDR CONTAINER	24	1-Dec
ZIRAM	49 N-OUTDR CONTAINER	4	8-Dec
ZIRAM	50 N-OUTDR CONTAINER	2	15-Dec
ZIRAM	8 N-OUTDR TRANSPLAN	1	25-Feb
ZIRAM	9 N-OUTDR TRANSPLAN	3	3-Mar
ZIRAM	11 N-OUTDR TRANSPLAN	3	17-Mar
ZIRAM	12 N-OUTDR TRANSPLAN	1	24-Mar
ZIRAM	14 N-OUTDR TRANSPLAN	1	7-Apr
ZIRAM	15 N-OUTDR TRANSPLAN	1	14-Apr
ZIRAM	17 N-OUTDR TRANSPLAN	1	28-Apr
ZIRAM	19 N-OUTDR TRANSPLAN	1	12-May
ZIRAM	28 N-OUTDR TRANSPLAN	1	14-Jul
ZIRAM	29 N-OUTDR TRANSPLAN	1	21-Jul
ZIRAM	31 N-OUTDR TRANSPLAN	1	4-Aug
ZIRAM	32 N-OUTDR TRANSPLAN	1	11-Aug
ZIRAM	36 N-OUTDR TRANSPLAN	2	8-Sep
ZIRAM	37 N-OUTDR TRANSPLAN	2	15-Sep
ZIRAM	38 N-OUTDR TRANSPLAN	4	22-Sep
ZIRAM	39 N-OUTDR TRANSPLAN	1	29-Sep
ZIRAM	42 N-OUTDR TRANSPLAN	1	20-Oct
ZIRAM	45 N-OUTDR TRANSPLAN	1	10-Nov
ZIRAM	48 N-OUTDR TRANSPLAN	2	1-Dec
ZIRAM	49 N-OUTDR TRANSPLAN	2	8-Dec
ZIRAM	50 N-OUTDR TRANSPLAN	1	15-Dec
ZIRAM	1 PEACH	309	7-Jan
ZIRAM	2 PEACH	834	14-Jan
ZIRAM	3 PEACH	924	21-Jan
ZIRAM	4 PEACH	853	28-Jan
ZIRAM	5 PEACH	431	4-Feb
ZIRAM	6 PEACH	330	11-Feb
ZIRAM	7 PEACH	284	18-Feb
ZIRAM	8 PEACH	646	25-Feb
ZIRAM	9 PEACH	1695	3-Mar
ZIRAM	10 PEACH	1986	10-Mar
ZIRAM	11 PEACH	1250	17-Mar
ZIRAM	12 PEACH	736	24-Mar
ZIRAM	13 PEACH	314	31-Mar
ZIRAM	14 PEACH	212	7-Apr
ZIRAM	15 PEACH	152	14-Apr
ZIRAM	16 PEACH	154	21-Apr
ZIRAM	17 PEACH	81	28-Apr
ZIRAM	18 PEACH	27	5-May
ZIRAM	19 PEACH	32	12-May
ZIRAM	20 PEACH	12	19-May
ZIRAM	21 PEACH	8	26-May
ZIRAM	22 PEACH	3	2-Jun
ZIRAM	25 PEACH	1	23-Jun
ZIRAM	26 PEACH	1	30-Jun

Ziram by site counts

ZIRAM	28 PEACH	1	14-Jul
ZIRAM	30 PEACH	1	28-Jul
ZIRAM	35 PEACH	2	1-Sep
ZIRAM	40 PEACH	1	6-Oct
ZIRAM	41 PEACH	1	13-Oct
ZIRAM	42 PEACH	9	20-Oct
ZIRAM	43 PEACH	11	27-Oct
ZIRAM	44 PEACH	36	3-Nov
ZIRAM	45 PEACH	50	10-Nov
ZIRAM	46 PEACH	108	17-Nov
ZIRAM	47 PEACH	183	24-Nov
ZIRAM	48 PEACH	173	1-Dec
ZIRAM	49 PEACH	214	8-Dec
ZIRAM	50 PEACH	188	15-Dec
ZIRAM	51 PEACH	175	22-Dec
ZIRAM	52 PEACH	421	29-Dec
ZIRAM	53 PEACH	182	5-Jan
ZIRAM	54 PEACH	6	12-Jan
ZIRAM	4 PEAR	1	28-Jan
ZIRAM	5 PEAR	2	4-Feb
ZIRAM	6 PEAR	2	11-Feb
ZIRAM	7 PEAR	1	18-Feb
ZIRAM	8 PEAR	1	25-Feb
ZIRAM	9 PEAR	26	3-Mar
ZIRAM	10 PEAR	104	10-Mar
ZIRAM	11 PEAR	313	17-Mar
ZIRAM	12 PEAR	463	24-Mar
ZIRAM	13 PEAR	395	31-Mar
ZIRAM	14 PEAR	261	7-Apr
ZIRAM	15 PEAR	249	14-Apr
ZIRAM	16 PEAR	190	21-Apr
ZIRAM	17 PEAR	156	28-Apr
ZIRAM	18 PEAR	74	5-May
ZIRAM	19 PEAR	163	12-May
ZIRAM	20 PEAR	43	19-May
ZIRAM	21 PEAR	26	26-May
ZIRAM	22 PEAR	2	2-Jun
ZIRAM	23 PEAR	17	9-Jun
ZIRAM	24 PEAR	7	16-Jun
ZIRAM	25 PEAR	4	23-Jun
ZIRAM	26 PEAR	7	30-Jun
ZIRAM	27 PEAR	4	7-Jul
ZIRAM	28 PEAR	2	14-Jul
ZIRAM	29 PEAR	5	21-Jul
ZIRAM	30 PEAR	2	28-Jul
ZIRAM	35 PEAR	4	1-Sep
ZIRAM	38 PEAS	1	22-Sep
ZIRAM	1 PLUM	1	7-Jan
ZIRAM	2 PLUM	4	14-Jan
ZIRAM	3 PLUM	7	21-Jan
ZIRAM	4 PLUM	18	28-Jan

Ziram by site counts

ZIRAM	5 PLUM	9	4-Feb
ZIRAM	6 PLUM	3	11-Feb
ZIRAM	7 PLUM	8	18-Feb
ZIRAM	8 PLUM	7	25-Feb
ZIRAM	9 PLUM	10	3-Mar
ZIRAM	10 PLUM	20	10-Mar
ZIRAM	11 PLUM	8	17-Mar
ZIRAM	12 PLUM	6	24-Mar
ZIRAM	14 PLUM	9	7-Apr
ZIRAM	15 PLUM	1	14-Apr
ZIRAM	16 PLUM	1	21-Apr
ZIRAM	17 PLUM	1	28-Apr
ZIRAM	19 PLUM	1	12-May
ZIRAM	44 PLUM	1	3-Nov
ZIRAM	47 PLUM	1	24-Nov
ZIRAM	48 PLUM	1	1-Dec
ZIRAM	49 PLUM	3	8-Dec
ZIRAM	52 PLUM	3	29-Dec
ZIRAM	53 PLUM	5	5-Jan
ZIRAM	9 PRUNE	2	3-Mar
ZIRAM	10 PRUNE	3	10-Mar
ZIRAM	11 PRUNE	1	17-Mar
ZIRAM	49 PRUNE	1	8-Dec
ZIRAM	1 RESEARCH COMMOD	3	7-Jan
ZIRAM	49 RESEARCH COMMOD	1	8-Dec
ZIRAM	1 RIGHTS OF WAY	1	7-Jan
ZIRAM	5 RIGHTS OF WAY	1	4-Feb
ZIRAM	9 RIGHTS OF WAY	1	3-Mar
ZIRAM	10 RIGHTS OF WAY	1	10-Mar
ZIRAM	13 RIGHTS OF WAY	1	31-Mar
ZIRAM	18 RIGHTS OF WAY	1	5-May
ZIRAM	40 RIGHTS OF WAY	1	6-Oct
ZIRAM	48 RIGHTS OF WAY	1	1-Dec
ZIRAM	10 SITE UNKNOWN	2	10-Mar
ZIRAM	12 SOIL FUMIGATION/PRI	2	24-Mar
ZIRAM	1 STONE FRUIT	1	7-Jan
ZIRAM	2 STONE FRUIT	2	14-Jan
ZIRAM	3 STONE FRUIT	1	21-Jan
ZIRAM	5 STONE FRUIT	2	4-Feb
ZIRAM	6 STONE FRUIT	1	11-Feb
ZIRAM	7 STONE FRUIT	1	18-Feb
ZIRAM	12 STONE FRUIT	1	24-Mar
ZIRAM	16 STONE FRUIT	1	21-Apr
ZIRAM	47 STONE FRUIT	1	24-Nov
ZIRAM	49 STONE FRUIT	1	8-Dec
ZIRAM	10 STRAWBERRY	1	10-Mar
ZIRAM	15 STRAWBERRY	1	14-Apr
ZIRAM	29 STRAWBERRY	1	21-Jul
ZIRAM	32 STRAWBERRY	1	11-Aug
ZIRAM	6 STRUCTURAL PEST C	2	11-Feb
ZIRAM	23 STRUCTURAL PEST C	1	9-Jun

Ziram by site counts

ZIRAM	27 STRUCTURAL PEST C	1	7-Jul
ZIRAM	40 STRUCTURAL PEST C	1	6-Oct
ZIRAM	STRUCTURAL PEST C	3	0-Jan
ZIRAM	46 TOMATO	1	17-Nov
ZIRAM	11 UNCULTIVATED AGRIC	1	17-Mar
ZIRAM	6 UNCULTIVATED NON-	1	11-Feb
ZIRAM	7 UNCULTIVATED NON-	1	18-Feb
ZIRAM	5 WALNUT	1	4-Feb
ZIRAM	9 WALNUT	1	3-Mar
ZIRAM	10 WALNUT	1	10-Mar
ZIRAM	12 WALNUT	1	24-Mar

Ziram by site counts

Background

Kurt Pluntke/DC/USEPA/US

6/24/2008 11:59

To

Michael Barrett/DC/USEPA/US@EPA

cc

Subject

Re: Sample California Weather Files used in PRZM-EXAMS Modeling

Here is the query run for Ziram from 1999-2006 that reports by week (1-52) and the counts of any application to

Ziram by site counts

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any site within that week. There were no returns for Ziram, cyclohexylamine complex so that species ca

Ziram by site counts

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an be ignored. These records should be good since the errors tables just deals with AI quantitates. This is

Ziram by site counts

Ziram by site counts

Ziram by site counts

Ziram by site counts

Ziram by site counts

Ziram by site counts

s from California Pesticide Use Reporting data.

County-Level Usage for GLYPHOSATE, GLYPHOSATE, DIAMMONIUM SALT, GLYPHOSATE, ISOPROPYLAMINE SALT, GLYPHOSATE, POTASSIUM SALT, GLYPHOSATE, SODIUM SESQUI SALT, GLYPHOSATE-TRIMETHYL SULFOXIDE, ROTENONE, ROTENONE, OTHER RELATED, PERMETHRIN, PERMETHRIN, OTHER RELATED, S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE in California in Support of a Red Legged Frog Endangered Species

Purpose

- (1) Average annual pounds applied **across eight years (1999-2006)**,
- (2) Average annual area treated **across eight years (1999-2006)**,
- (3) Average, Maximum, 95th Percentile, and 99th Percentile for the application rate **across all observations**

Notes on Calculating Average Annual Values

When calculating Average annual pounds applied and Average annual area treated (but not Application rate) records with missing values for a certain year (i.e., unknown non-zero values) remain as missing.

Application Rate Estimation

Application rate is calculated as "pounds of active ingredient applied" divided by "acres treated"

Data Source

Pesticide Use Report Data, California Department of Pesticide Regulation

<http://calpip.cdpr.ca.gov/cfdocs/calpip/prod/main.cfm>

Data Description

Years: 1999 through 2006

58 counties for each year

Pesticides analyzed (total of 13)

"GLYPHOSATE", "GLYPHOSATE, DIAMMONIUM SALT", "GLYPHOSATE, ISOPROPYLAMINE SALT", "GLYPHOSATE, POTASSIUM SALT", "GLYPHOSATE, SODIUM SESQUI SALT", "GLYPHOSATE-TRIMETHYL SULFOXIDE", "ROTENONE", "ROTENONE, OTHER RELATED", "PERMETHRIN", "PERMETHRIN, OTHER RELATED", "S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE", "ZIRAM", "ZIRAM, CYCLOHEXYLAMINE COMPLEX", "S,S,S-TRIBUTYL PHOSPHOROTRITHIOATE".

Date Created:

29-May-08

Estimation Steps for Pesticide Use 1999-2006 and Total Annual Usage

- 1. Combine pesticide usage data for 58 counties for all eight years.**
- Keep information only on 13 chemicals of interest.
- 3. Application Rate: Calculate across all observations for eight years for each chemical-county-site-unit**
Average, Maximum, 95th Percentile, 99th Percentile for application rates, and the Number of records
The number of records represents the number of non-missing records used to calculate average/max.
- 4. Pounds Applied and Area Treated:** Calculate for each year and chemical-county-site-unit treated combined
The number of records represents the number of non-missing records used to calculate average/pour
- 4a. Combine estimated values for all eight years.
- 4b. Calculate **eight-year** Average annual pounds applied and Average annual area treated.
5. Populate chemical, county, and site names.

Estimation Steps for Aggregated Usage

- 1. Combine pesticide usage data for 58 counties for all eight years.**
- Keep information only on 13 chemicals of interest.
- 3. Application Rate: Calculate across all observations for eight years for each chemical-county-unit**
Average, Maximum, 95th Percentile, 99th Percentile for application rates, and the Number of records
The number of records represents the number of non-missing records used to calculate average/max.
- 4. Pounds Applied and Area Treated:** Calculate for each year and chemical-county-unit treated combined

The "outliers" files for 2001 is in a different format than that for other years. Error data were brought to the

PROPYLAMINE SALT, GLYPHOSATE, MONOAMMONIUM SALT,
AMMONIUM, OXYFLUORFEN, PHORATE, PHORATE SULFONE, PHORATE
RELATED, ZIRAM, ZIRAM, CYCLOHEXYLAMINE COMPLEX, S,S,S-
species Assessment, DP # TBD

ons for eight years (1999-2006).

ates) across eight years, zeros are added when no usage or area is reported for a certain year.

'GLYPHOSATE, MONOAMMONIUM SALT",
ESIUM", OXYFLUORFEN, "PHORATE", "PHORATE SULFONE",
THRIN, OTHER RELATED",

te-unit treated combination:

i.

/percentile values.

mbination: Total pounds applied, Total area treated, and the Number of records.

nds applied and average area treated.

nit treated combination:

i.

/percentile values.

ation: Total pounds applied, Total area treated, and the Number of records.

nds applied and average area treated.

je Annual Area Treated, Unit Area Treated, Number Records Area,
pplication Rate, Number Records Rate.

Pounds 2002, Total Pounds 2003, Total Pounds 2004, Total Pounds 2005, Total Pounds 2006,

otal Area 2005, Total Area 2006, Average Annual Area Treated, Unit Area Treated, Number Records Ar
pplication Rate, Number Records Rate.

rea Treated, Unit Area Treated, Number Records Area,
pplication Rate, Number Records Rate.

treated as follows:

r" file indicated a potential error:

product per area treated is greater than 50 times the median rate for this product on this commodity."
edure".

same format for processing.

ea,

Active Ingredient	County
ZIRAM	MERCED
ZIRAM	BUTTE
ZIRAM	COLUSA
ZIRAM	CONTRA COSTA
ZIRAM	FRESNO
ZIRAM	GLENN
ZIRAM	KERN
ZIRAM	KINGS
ZIRAM	MADERA
ZIRAM	MERCED
ZIRAM	PLACER
ZIRAM	SAN JOAQUIN
ZIRAM	SOLANO
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	TEHAMA
ZIRAM	TULARE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	BUTTE
ZIRAM	CALAVERAS
ZIRAM	FRESNO
ZIRAM	KERN
ZIRAM	LAKE
ZIRAM	MADERA
ZIRAM	MENDOCINO
ZIRAM	PLACER
ZIRAM	PLACER
ZIRAM	SACRAMENTO
ZIRAM	SAN BENITO
ZIRAM	SAN JOAQUIN
ZIRAM	SAN LUIS OBISPO
ZIRAM	SANTA BARBARA
ZIRAM	SANTA CRUZ
ZIRAM	SHASTA
ZIRAM	SOLANO
ZIRAM	SONOMA
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	TRINITY
ZIRAM	TULARE
ZIRAM	TUOLUMNE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	BUTTE
ZIRAM	CONTRA COSTA
ZIRAM	FRESNO

ZIRAM	GLENN
ZIRAM	KERN
ZIRAM	KINGS
ZIRAM	MADERA
ZIRAM	MERCED
ZIRAM	PLACER
ZIRAM	SACRAMENTO
ZIRAM	SAN BENITO
ZIRAM	SAN JOAQUIN
ZIRAM	SAN LUIS OBISPO
ZIRAM	SOLANO
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	TEHAMA
ZIRAM	TULARE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	BUTTE
ZIRAM	CONTRA COSTA
ZIRAM	FRESNO
ZIRAM	GLENN
ZIRAM	KERN
ZIRAM	KINGS
ZIRAM	MADERA
ZIRAM	MENDOCINO
ZIRAM	MERCED
ZIRAM	PLACER
ZIRAM	SACRAMENTO
ZIRAM	SAN JOAQUIN
ZIRAM	SHASTA
ZIRAM	SOLANO
ZIRAM	STANISLAUS
ZIRAM	TULARE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	SUTTER
ZIRAM	FRESNO
ZIRAM	KERN
ZIRAM	KINGS
ZIRAM	MADERA
ZIRAM	MERCED
ZIRAM	SAN JOAQUIN
ZIRAM	STANISLAUS
ZIRAM	TULARE
ZIRAM	FRESNO
ZIRAM	KERN
ZIRAM	KINGS
ZIRAM	LAKE
ZIRAM	MADERA
ZIRAM	MENDOCINO
ZIRAM	MERCED

ZIRAM	SAN JOAQUIN
ZIRAM	STANISLAUS
ZIRAM	TULARE
ZIRAM	BUTTE
ZIRAM	EL DORADO
ZIRAM	MENDOCINO
ZIRAM	SONOMA
ZIRAM	SUTTER
ZIRAM	TULARE
ZIRAM	BUTTE
ZIRAM	CALAVERAS
ZIRAM	CONTRA COSTA
ZIRAM	EL DORADO
ZIRAM	FRESNO
ZIRAM	KERN
ZIRAM	KINGS
ZIRAM	MADERA
ZIRAM	MERCED
ZIRAM	PLACER
ZIRAM	SACRAMENTO
ZIRAM	SAN JOAQUIN
ZIRAM	SAN LUIS OBISPO
ZIRAM	SOLANO
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	TEHAMA
ZIRAM	TULARE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	SANTA CRUZ
ZIRAM	STANISLAUS
ZIRAM	FRESNO
ZIRAM	KERN
ZIRAM	LOS ANGELES
ZIRAM	PLACER
ZIRAM	SAN DIEGO
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	FRESNO
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	BUTTE
ZIRAM	CALAVERAS
ZIRAM	COLUSA
ZIRAM	CONTRA COSTA
ZIRAM	EL DORADO
ZIRAM	FRESNO
ZIRAM	KERN
ZIRAM	KINGS
ZIRAM	LAKE
ZIRAM	MADERA

ZIRAM	MENDOCINO
ZIRAM	MERCED
ZIRAM	PLACER
ZIRAM	PLACER
ZIRAM	SACRAMENTO
ZIRAM	SAN JOAQUIN
ZIRAM	SAN LUIS OBISPO
ZIRAM	SHASTA
ZIRAM	SOLANO
ZIRAM	SONOMA
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	SUTTER
ZIRAM	TEHAMA
ZIRAM	TRINITY
ZIRAM	TULARE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	FRESNO
ZIRAM	LAKE
ZIRAM	MENDOCINO
ZIRAM	PLACER
ZIRAM	PLACER
ZIRAM	SACRAMENTO
ZIRAM	SAN BENITO
ZIRAM	SAN JOAQUIN
ZIRAM	SOLANO
ZIRAM	SONOMA
ZIRAM	SUTTER
ZIRAM	TRINITY
ZIRAM	TULARE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	MONTEREY
ZIRAM	CONTRA COSTA
ZIRAM	FRESNO
ZIRAM	KINGS
ZIRAM	MERCED
ZIRAM	SACRAMENTO
ZIRAM	SAN JOAQUIN
ZIRAM	SOLANO
ZIRAM	STANISLAUS
ZIRAM	SUTTER
ZIRAM	TULARE
ZIRAM	YOLO
ZIRAM	YUBA
ZIRAM	COLUSA
ZIRAM	GLENN
ZIRAM	SUTTER
ZIRAM	YUBA
ZIRAM	YOLO

ZIRAM	BUTTE
ZIRAM	KERN
ZIRAM	LOS ANGELES
ZIRAM	STANISLAUS
ZIRAM	LAKE
ZIRAM	KINGS
ZIRAM	MERCED
ZIRAM	SAN JOAQUIN
ZIRAM	SHASTA
ZIRAM	TEHAMA
ZIRAM	MONTEREY
ZIRAM	VENTURA
ZIRAM	ALAMEDA
ZIRAM	EL DORADO
ZIRAM	LOS ANGELES
ZIRAM	SOLANO
ZIRAM	SUTTER
ZIRAM	SAN JOAQUIN
ZIRAM	CONTRA COSTA
ZIRAM	BUTTE
ZIRAM	MADERA
ZIRAM	GLENN
ZIRAM	LAKE
ZIRAM	STANISLAUS
ZIRAM	YUBA

Site Name	AVG Annual Pounds Applied	Number Records Pounds	AVG Annual Area Treated	Unit Area Treated
ALFALFA	8.65	1	3.25	Acres
ALMOND	79,957.39	3,217	15,677.15	Acres
ALMOND	19,886.72	774	4,911.39	Acres
ALMOND	0.95	1	0.25	Acres
ALMOND	78,430.03	1,529	14,340.69	Acres
ALMOND	51,013.49	1,161	10,165.49	Acres
ALMOND	56,704.67	1,012	10,468.51	Acres
ALMOND	5,845.57	113	1,178.54	Acres
ALMOND	54,992.64	1,101	9,679.11	Acres
ALMOND	55,654.63	1,409	12,380.09	Acres
ALMOND	0.24	2	3.75	Misc. unit
ALMOND	32,576.98	1,559	5,906.18	Acres
ALMOND	2,053.78	92	371.78	Acres
ALMOND	56,745.75	1,757	11,828.96	Acres
ALMOND	5,826.45	227	1,095.11	Acres
ALMOND	10,335.90	295	2,122.76	Acres
ALMOND	10,288.33	215	1,847.87	Acres
ALMOND	6,585.72	207	1,523.35	Acres
ALMOND	3,090.22	51	538.06	Acres
APPLE	8.27	2	1.81	Acres
APPLE	0.08	1	0.06	Acres
APPLE	1,054.76	20	161.56	Acres
APPLE	1,001.76	20	206.34	Acres
APPLE	84.40	17	18.25	Acres
APPLE	115.19	1	18.95	Acres
APPLE	303.74	107	55.83	Acres
APPLE	0.05	1	0.63	Misc. unit
APPLE	4.37	2	0.75	Acres
APPLE	211.09	35	42.06	Acres
APPLE	7.60	1	2.00	Acres
APPLE	28.12	6	11.50	Acres
APPLE	420.85	6	72.50	Acres
APPLE	1.33	1	2.50	Acres
APPLE	140.46	42	50.12	Acres
APPLE	37.62	3	6.19	Acres
APPLE	447.28	39	93.49	Acres
APPLE	1.52	2	0.25	Acres
APPLE	54.82	6	12.75	Acres
APPLE	9.88	3	1.38	Acres
APPLE	0.86	12	0.50	Acres
APPLE	25.84	1	4.25	Acres
APPLE	3.99	1	0.88	Acres
APPLE	44.84	4	7.38	Acres
APPLE	2.49	5	0.53	Acres
APRICOT	56.37	38	12.81	Acres
APRICOT	822.87	56	134.94	Acres
APRICOT	4,432.00	640	926.97	Acres

APRICOT	3.80	1	0.63	Acre
APRICOT	1,404.98	113	281.55	Acre
APRICOT	1,416.84	103	254.25	Acre
APRICOT	165.07	22	34.68	Acre
APRICOT	559.41	17	123.04	Acre
APRICOT	0.01	1	0.03	Acre
APRICOT	4.57	20	0.96	Acre
APRICOT	146.56	13	30.66	Acre
APRICOT	72.07	37	15.13	Acre
APRICOT	20.36	17	6.81	Acre
APRICOT	161.63	44	28.00	Acre
APRICOT	3,805.60	155	841.69	Acre
APRICOT	6.84	4	1.00	Acre
APRICOT	12.92	6	2.75	Acre
APRICOT	1,992.69	372	425.91	Acre
APRICOT	37.12	19	7.63	Acre
APRICOT	6.36	15	1.21	Acre
CHERRY	1.24	5	0.28	Acre
CHERRY	12.37	1	2.13	Acre
CHERRY	497.48	59	108.64	Acre
CHERRY	6.84	3	1.50	Acre
CHERRY	50.92	5	16.75	Acre
CHERRY	109.84	40	43.84	Acre
CHERRY	24.71	3	7.76	Acre
CHERRY	0.57	1	0.13	Acre
CHERRY	9.03	2	1.81	Acre
CHERRY	0.61	1	0.13	Acre
CHERRY	0.38	1	0.06	Acre
CHERRY	40.88	11	11.69	Acre
CHERRY	0.38	1	1.75	Acre
CHERRY	10.16	5	1.75	Acre
CHERRY	120.46	7	30.50	Acre
CHERRY	222.88	24	45.69	Acre
CHERRY	0.34	1	0.06	Acre
CHERRY	0.22	3	0.08	Acre
COMMODITY FUMIGATION	3.04	1	0.00	
GRAPE	28,842.19	3,269	12,722.68	Acre
GRAPE	4,178.57	212	1,812.27	Acre
GRAPE	541.21	60	246.93	Acre
GRAPE	3,920.18	286	2,131.48	Acre
GRAPE	37.62	1	24.75	Acre
GRAPE	143.28	17	63.56	Acre
GRAPE	5.70	1	1.88	Acre
GRAPE	5,433.01	663	2,332.94	Acre
GRAPE, WINE	4,725.56	419	1,965.78	Acre
GRAPE, WINE	239.02	14	119.50	Acre
GRAPE, WINE	476.69	36	197.03	Acre
GRAPE, WINE	25.65	5	4.50	Acre
GRAPE, WINE	3,769.04	286	2,010.90	Acre
GRAPE, WINE	160.30	17	62.38	Acre
GRAPE, WINE	623.22	57	343.94	Acre

GRAPE, WINE	15.20	2	9.00	Acres
GRAPE, WINE	136.77	1	23.50	Acres
GRAPE, WINE	923.31	48	383.80	Acres
LANDSCAPE MAINTENANCE	6.01	16		
LANDSCAPE MAINTENANCE	0.29	6	0.00	
LANDSCAPE MAINTENANCE	0.00	1	0.00	
LANDSCAPE MAINTENANCE	0.26	1	0.00	
LANDSCAPE MAINTENANCE	1.03	13		
LEMON	7.60	1	5.75	Acres
NECTARINE	10.60	7	1.75	Acres
NECTARINE	0.45	1	0.38	Acres
NECTARINE	82.06	37	12.63	Acres
NECTARINE	0.76	1	0.13	Acres
NECTARINE	33,056.03	4,426	5,698.64	Acres
NECTARINE	1,486.35	78	361.58	Acres
NECTARINE	3,542.81	295	605.13	Acres
NECTARINE	1,486.15	96	253.85	Acres
NECTARINE	192.41	21	36.61	Acres
NECTARINE	16.26	12	3.00	Acres
NECTARINE	16.61	17	3.53	Acres
NECTARINE	111.26	52	19.81	Acres
NECTARINE	575.99	11	104.94	Acres
NECTARINE	9.04	11	1.63	Acres
NECTARINE	183.05	26	34.90	Acres
NECTARINE	99.50	23	19.75	Acres
NECTARINE	29.27	18	5.00	Acres
NECTARINE	26,668.35	3,610	4,690.33	Acres
NECTARINE	10.54	7	1.94	Acres
NECTARINE	45.93	32	7.81	Acres
N-GRNHS FLOWER	0.02	1	5,000.00	Square feet
N-GRNHS PLANTS IN CONTAINERS	30.55	27	4.55	Acres
N-OUTDR PLANTS IN CONTAINERS	90.73	18	23.44	Acres
N-OUTDR PLANTS IN CONTAINERS	18.85	5	6.13	Acres
N-OUTDR PLANTS IN CONTAINERS	0.76	1	0.25	Acres
N-OUTDR PLANTS IN CONTAINERS	36.96	112	14.08	Acres
N-OUTDR PLANTS IN CONTAINERS	0.09	1	0.04	Acres
N-OUTDR PLANTS IN CONTAINERS	23.18	5	8.38	Acres
N-OUTDR PLANTS IN CONTAINERS	377.45	89	66.53	Acres
N-OUTDR TRANSPLANTS	14.82	4	4.11	Acres
N-OUTDR TRANSPLANTS	22.98	18	3.90	Acres
N-OUTDR TRANSPLANTS	73.93	10	13.63	Acres
PEACH	10,048.74	604	1,525.33	Acres
PEACH	0.23	1	0.19	Acres
PEACH	34.22	10	6.75	Acres
PEACH	691.25	108	99.18	Acres
PEACH	19.76	10	3.00	Acres
PEACH	27,899.91	3,688	4,769.31	Acres
PEACH	1,827.45	119	388.33	Acres
PEACH	6,682.67	446	1,001.63	Acres
PEACH	8.43	6	0.75	Acres
PEACH	4,414.64	234	721.81	Acres

PEACH	15.27	10	2.56	Acres
PEACH	2,671.88	190	609.91	Acres
PEACH	0.30	3	4.50	Misc. unit
PEACH	196.83	72	44.63	Acres
PEACH	74.85	24	16.81	Acres
PEACH	8,580.65	606	1,569.68	Acres
PEACH	162.78	14	31.74	Acres
PEACH	25.49	23	5.94	Acres
PEACH	294.78	76	58.31	Acres
PEACH	1.05	3	0.38	Acres
PEACH	4,010.96	408	992.19	Acres
PEACH	22.80	1	3.75	Misc. unit
PEACH	45,434.70	2,318	7,825.82	Acres
PEACH	173.24	51	31.29	Acres
PEACH	0.71	2	0.25	Acres
PEACH	24,129.93	3,278	4,233.05	Acres
PEACH	49.78	23	11.09	Acres
PEACH	21,813.11	706	3,842.01	Acres
PEAR	36.33	5	5.98	Acres
PEAR	16,151.11	1,133	3,183.59	Acres
PEAR	16,537.55	595	3,494.17	Acres
PEAR	0.02	1	0.25	Misc. unit
PEAR	1.46	2	0.25	Acres
PEAR	3,535.37	122	595.29	Acres
PEAR	12.07	4	2.38	Acres
PEAR	52.35	6	12.00	Acres
PEAR	1,014.18	41	177.96	Acres
PEAR	1.33	2	0.25	Acres
PEAR	559.31	27	92.06	Acres
PEAR	1.00	14	0.56	Acres
PEAR	22.33	3	5.38	Acres
PEAR	343.22	23	57.44	Acres
PEAR	7,735.86	530	1,432.24	Acres
PEAS	0.05	1	1.25	Acres
PLUM	2.09	3	0.38	Acres
PLUM	197.18	50	36.01	Acres
PLUM	3.04	1	0.50	Acres
PLUM	1.38	1	0.31	Acres
PLUM	1.49	4	0.38	Acres
PLUM	3.26	4	0.50	Acres
PLUM	0.57	1	0.13	Acres
PLUM	17.67	3	3.88	Acres
PLUM	0.76	1	0.13	Acres
PLUM	288.03	55	57.57	Acres
PLUM	1.14	1	0.25	Acres
PLUM	2.46	4	0.46	Acres
PRUNE	57.23	1	2.13	Acres
PRUNE	2.43	1	0.63	Acres
PRUNE	18.16	4	3.31	Acres
PRUNE	15.20	1	3.25	Acres
RESEARCH COMMODITY	33.63	4	0.00	

RIGHTS OF WAY	3.04	1	0.00	
RIGHTS OF WAY	0.08	1	0.00	
RIGHTS OF WAY	42.52	4	0.00	
RIGHTS OF WAY	22.80	2	0.00	
SOIL FUMIGATION/PREPLANT	15.96	2	3.50	Acres
STONE FRUIT	9.12	2	1.50	Acres
STONE FRUIT	0.05	1	0.25	Acres
STONE FRUIT	11.64	1	1.50	Acres
STONE FRUIT	2.98	2	0.89	Acres
STONE FRUIT	0.95	1	0.50	Acres
STRAWBERRY	5.32	2	3.50	Acres
STRAWBERRY	9.41	2	5.25	Acres
STRUCTURAL PEST CONTROL	10.33	1	0.00	
STRUCTURAL PEST CONTROL	0.04	2	0.00	
STRUCTURAL PEST CONTROL	3.84	2	0.00	
STRUCTURAL PEST CONTROL	1.33	2	0.00	
STRUCTURAL PEST CONTROL	0.73	1	0.00	
TOMATO	19.00	1	2.50	Acres
UNCULTIVATED AG	6.84	1	1.13	Acres
UNCULTIVATED NON-AG	6.46	2	1.63	Acres
UNKNOWN	95.00	2	15.63	Acres
WALNUT	14.25	1	3.13	Acres
WALNUT	0.76	1	0.13	Acres
WALNUT	1.14	1	0.38	Acres
WALNUT	38.00	1	6.25	Acres

Number Records Area	AVG Application Rate	95 Percentile Application Rate	99 Percentile Application Rate	MAX Application Rate
1	2.66	2.66	2.66	2.66
3,217	5.18	7.76	7.76	36.82
774	4.26	6.08	7.76	7.76
1	3.80	3.80	3.80	3.80
1,529	5.55	7.76	12.16	80.56
1,161	5.21	7.50	7.76	45.58
1,012	5.51	7.76	7.76	48.64
113	5.37	7.49	7.65	7.76
1,101	5.79	7.76	7.76	21.14
1,409	4.61	6.08	7.72	17.48
2	0.06	0.07	0.07	0.07
1,559	5.58	7.76	9.70	77.60
92	5.70	7.76	9.70	9.70
1,757	5.04	7.72	8.17	60.80
227	5.41	7.76	7.81	9.70
295	5.05	7.76	11.88	13.38
215	5.68	7.76	8.62	11.01
207	4.96	6.08	7.76	29.10
51	5.68	7.76	7.76	7.76
2	4.56	4.56	4.56	4.56
1	1.21	1.21	1.21	1.21
20	8.06	34.85	61.94	61.94
20	4.81	5.32	5.32	5.32
17	10.33	22.80	22.80	22.80
1	6.08	6.08	6.08	6.08
107	5.50	6.08	6.08	12.16
1	0.08	0.08	0.08	0.08
2	5.82	5.82	5.82	5.82
35	4.99	6.08	6.08	6.08
1	3.80	3.80	3.80	3.80
6	2.79	7.60	7.60	7.60
6	5.19	6.08	6.08	6.08
1	0.53	0.53	0.53	0.53
42	2.80	3.80	3.80	3.80
3	6.08	6.08	6.08	6.08
39	5.02	6.08	6.08	6.08
2	6.08	6.08	6.08	6.08
6	4.81	6.08	6.08	6.08
3	7.43	10.13	10.13	10.13
12	1.92	3.17	3.17	3.17
1	6.08	6.08	6.08	6.08
1	4.56	4.56	4.56	4.56
4	6.08	6.08	6.08	6.08
5	4.10	6.08	6.08	6.08
38	4.26	6.33	19.00	19.00
56	5.46	7.76	10.67	10.67
640	4.78	7.60	7.76	15.20

1	6.08	6.08	6.08	6.08
113	4.88	7.76	7.76	10.35
103	5.43	7.76	7.76	9.70
22	4.80	6.08	7.76	7.76
17	4.79	6.08	6.08	6.08
1	0.19	0.19	0.19	0.19
20	5.07	11.64	15.52	15.52
13	4.57	7.82	7.82	7.82
37	5.21	6.84	67.90	67.90
17	3.10	6.08	6.08	6.08
44	5.20	9.24	9.70	9.70
155	4.54	6.08	7.76	8.39
4	6.84	9.12	9.12	9.12
6	4.56	6.08	6.08	6.08
373	4.61	7.76	9.70	13.80
19	4.99	7.76	7.76	7.76
15	5.23	7.76	7.76	7.76
5	4.41	4.56	4.56	4.56
1	5.82	5.82	5.82	5.82
59	4.64	6.08	7.76	7.76
3	4.56	4.56	4.56	4.56
5	3.04	3.04	3.04	3.04
40	2.47	3.80	6.08	6.08
3	3.85	4.56	4.56	4.56
1	4.56	4.56	4.56	4.56
2	4.94	6.08	6.08	6.08
1	4.85	4.85	4.85	4.85
1	6.08	6.08	6.08	6.08
11	5.43	30.40	30.40	30.40
1	0.22	0.22	0.22	0.22
5	5.26	7.76	7.76	7.76
7	3.91	4.56	4.56	4.56
24	4.40	5.82	5.82	5.82
1	5.50	5.50	5.50	5.50
3	2.53	6.08	6.08	6.08
0				
3,269	2.35	3.04	4.56	18.24
212	2.29	3.04	3.04	3.99
60	2.15	2.91	3.04	3.04
286	1.90	3.04	3.38	3.47
1	1.52	1.52	1.52	1.52
17	2.94	6.08	6.08	6.08
1	3.04	3.04	3.04	3.04
663	2.30	3.04	3.88	23.01
419	2.50	3.04	3.88	41.04
14	2.03	2.37	2.37	2.37
36	2.30	3.88	3.88	3.88
5	5.70	5.70	5.70	5.70
286	1.91	3.04	4.56	16.47
17	2.79	6.08	6.08	6.08
57	1.93	3.04	3.17	3.17

2	1.69	1.69	1.69	1.69
1	5.82	5.82	5.82	5.82
48	2.39	4.56	7.22	7.22
0				
0				
0				
0				
0				
2	3.04	3.04	3.04	3.04
7	5.89	7.76	7.76	7.76
1	1.21	1.21	1.21	1.21
37	6.74	7.76	7.76	7.76
1	6.08	6.08	6.08	6.08
4,426	5.67	7.76	9.70	45.79
78	4.39	6.08	6.08	6.08
295	6.05	7.76	9.70	9.83
96	5.46	7.76	10.01	10.01
21	5.26	6.51	6.63	6.63
12	3.81	6.08	6.08	6.08
17	4.62	6.37	6.37	6.37
52	5.32	8.73	9.73	9.73
11	5.47	7.60	7.60	7.60
11	5.68	7.76	7.76	7.76
26	4.87	6.08	6.08	6.08
23	5.95	7.76	7.76	7.76
18	5.46	12.93	12.93	12.93
3,611	5.47	7.76	7.96	33.44
7	6.01	7.60	7.60	7.60
32	6.17	7.76	36.48	36.48
1	0.00	0.00	0.00	0.00
27	7.53	15.11	20.27	20.27
18	5.23	8.97	8.97	8.97
5	2.84	4.56	4.56	4.56
1	3.04	3.04	3.04	3.04
112	2.13	6.08	6.08	6.08
1	2.69	2.69	2.69	2.69
5	3.50	6.08	6.08	6.08
89	6.07	6.08	45.60	45.60
4	3.47	6.08	6.08	6.08
18	6.79	15.20	15.20	15.20
10	5.24	7.76	7.76	7.76
604	6.22	7.76	7.87	77.60
1	1.23	1.23	1.23	1.23
10	5.92	9.70	9.70	9.70
108	6.86	9.70	9.70	15.20
10	6.69	10.13	10.13	10.13
3,688	5.83	7.76	9.70	60.80
119	4.66	6.08	6.08	6.08
446	6.31	7.76	9.70	150.98
6	11.24	22.80	22.80	22.80
234	5.83	7.76	7.76	11.09

10	5.07	7.60	7.60	7.60
190	4.27	6.08	7.76	8.29
3	0.07	0.07	0.07	0.07
72	4.49	9.70	9.70	9.70
24	4.97	7.11	24.32	24.32
606	5.36	7.76	9.70	11.98
14	5.04	7.60	7.60	7.60
23	2.99	7.76	7.79	7.79
76	5.89	12.93	19.40	19.40
3	2.79	4.56	4.56	4.56
408	4.51	7.60	7.76	13.82
1	6.08	6.08	6.08	6.08
2,318	5.91	7.76	11.40	66.88
51	5.36	7.76	12.93	12.93
2	2.85	3.42	3.42	3.42
3,278	5.49	7.76	7.76	10.13
23	5.29	7.76	7.76	7.76
706	5.69	7.76	7.76	19.00
5	6.08	6.08	6.08	6.08
1,133	5.06	6.08	11.82	52.82
595	4.94	6.08	7.60	60.80
1	0.08	0.08	0.08	0.08
2	5.82	5.82	5.82	5.82
122	5.86	6.08	8.69	88.00
4	5.21	6.08	6.08	6.08
6	4.82	6.08	6.08	6.08
41	5.90	6.08	6.08	6.08
2	5.32	6.08	6.08	6.08
27	6.03	7.76	7.76	7.76
14	1.97	3.17	3.17	3.17
3	4.05	4.56	4.56	4.56
23	6.11	7.28	7.28	7.28
530	5.14	6.08	7.76	30.52
1	0.04	0.04	0.04	0.04
3	5.57	6.08	6.08	6.08
50	5.55	7.76	8.73	8.73
1	6.08	6.08	6.08	6.08
1	4.41	4.41	4.41	4.41
4	3.97	5.17	5.17	5.17
4	6.52	15.52	15.52	15.52
1	4.56	4.56	4.56	4.56
3	4.56	4.56	4.56	4.56
1	6.08	6.08	6.08	6.08
55	5.42	9.70	12.16	12.16
1	4.56	4.56	4.56	4.56
4	5.43	6.08	6.08	6.08
1	26.93	26.93	26.93	26.93
1	3.88	3.88	3.88	3.88
4	5.29	6.08	6.08	6.08
1	4.68	4.68	4.68	4.68
0				

0				
0				
0				
0				
2	4.56	4.56	4.56	4.56
2	6.08	6.08	6.08	6.08
1	0.19	0.19	0.19	0.19
1	7.76	7.76	7.76	7.76
2	3.22	6.08	6.08	6.08
1	1.90	1.90	1.90	1.90
2	1.52	1.52	1.52	1.52
2	1.71	1.90	1.90	1.90
0				
0				
0				
0				
0				
1	7.60	7.60	7.60	7.60
1	6.08	6.08	6.08	6.08
2	4.18	4.56	4.56	4.56
2	6.08	6.08	6.08	6.08
1	4.56	4.56	4.56	4.56
1	6.08	6.08	6.08	6.08
1	3.04	3.04	3.04	3.04
1	6.08	6.08	6.08	6.08

Number Records Rate	Average application rate > 95 %tile	Number of records for pounds and area do not match	Area Units Missing or Questionable	Less than 1 pound applied per year	Less than 1 acre or 100 sq ft treated per year
1					
3,217					
774					
1				Yes	Yes
1,529					
1,161					
1,012					
113					
1,101					
1,409					
2			Yes	Yes	
1,559					
92					
1,757					
227					
295					
215					
207					
51					
2					
1				Yes	Yes
20					
20					
17					
1					
107					
1			Yes	Yes	
2					Yes
35					
1					
6					
6					
1					
42					
3					
39					
2					Yes
6					
3					
12				Yes	Yes
1					
1					Yes
4					
5					Yes
38					
56					
640					

1	Yes		
113			
103			
22			
17			
1	Yes	Yes	
20		Yes	
13			
37			
17			
44			
155			
4			
6			
372	Yes		
19			
15			
5		Yes	
1			
59			
3			
5			
40			
3			
1	Yes	Yes	
2			
1	Yes	Yes	
1	Yes	Yes	
11			
1	Yes		
5			
7			
24			
1	Yes	Yes	
3	Yes	Yes	
0	Yes	Yes	
3,269			
212			
60			
286			
1			
17			
1			
663			
419			
14			
36			
5			
286			
17			
57			

2			
1			
48			
0	Yes	Yes	
0	Yes	Yes	Yes
0	Yes	Yes	Yes
0	Yes	Yes	Yes
0	Yes	Yes	
1	Yes		
7			
1		Yes	Yes
37			
1		Yes	Yes
4,426			
78			
295			
96			
21			
12			
17			
52			
11			
11			
26			
23			
18			
3,610	Yes		
7			
32			
1		Yes	
27			
18			
5			
1		Yes	Yes
112			
1		Yes	Yes
5			
89			
4			
18			
10			
604			
1		Yes	Yes
10			
108			
10			
3,688			
119			
446			
6	Yes		
234			

10			
190			
3	Yes	Yes	
72			
24			
606			
14			
23			
76			
3			Yes
408			
1	Yes		
2,318			
51			
2		Yes	Yes
3,278			
23			
706			
5			
1,133			
595			
1	Yes	Yes	
2			Yes
122			
4			
6			
41			
2			Yes
27			
14		Yes	Yes
3			
23			
530			
1		Yes	
3			Yes
50			
1			Yes
1			Yes
4			Yes
4			Yes
1		Yes	Yes
3			
1		Yes	Yes
55			
1			Yes
4			Yes
1			
1			Yes
4			
1			
0	Yes	Yes	

0	Yes	Yes		
0	Yes	Yes	Yes	
0	Yes	Yes		
0	Yes	Yes		
2				
2				
1			Yes	Yes
1				
2				Yes
1			Yes	Yes
2				
2				
0	Yes	Yes		
0	Yes	Yes	Yes	
0	Yes	Yes		
0	Yes	Yes		
0	Yes	Yes	Yes	
1				
1				
2				
2				
1				
1			Yes	Yes
1				Yes
1				

Calculated Application Rate Less than 0.1	Less than 4 occurrences of use over 4 years
--	--

Yes

Yes

Yes

Yes

Yes
Yes

Yes

Yes

Yes
Yes

Yes

Yes

Yes

Yes

Yes

Yes
Yes

Yes

Yes

Yes

Yes

Yes
Yes
Yes
Yes
Yes

Yes

Yes
Yes
Yes

Yes

Yes

Yes
Yes

Yes
Yes

Yes

Yes

Yes

Yes Yes

Yes

Yes

Yes

Yes	Yes
-----	-----

Yes

Yes

Yes

Yes	Yes
	Yes

Yes

Yes

Yes	Yes
	Yes

Yes	Yes
	Yes
	Yes
	Yes
	Yes
	Yes

Yes
Yes
Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

APPENDIX I : California PUR Data on Ziram Usage