91-0052

Nov 6, 1990

MEMORANDUM

SUBJECT: Review of Phase IV Package for Triadimefon

TO: Amy Rispin, Chief
Science Analysis and Coordination Staff
Environmental Fate and Effects Division (H7507C)

FROM: Herbert L. Manning, Ph.D.
Section 3, EFGWB/EFED (H7507C)

THRU: Robert Holst, Deputy Chief
Environmental Fate and Ground Water Branch
Environmental Fate and Effects Division (H7507C)

The Phase IV review package for the List B chemical Triadimefon (under EFGWB #91-0052/Case #2700/DP Barcode D156618) was received on 19 Oct 1990. The package was reviewed and found to be incomplete.

The Chemical Identity (160-5) information was not provided, although the Phase 3 Response indicated a summary (under MRID #40477401) was included in the package.

The EFGWB reviewed the use pattern (labels the in package and the LUIS Report [attached, dated 10/24/90]) and the applicable data requirements. The attached table indicates the current status of the environmental fate data requirements for the Terrestrial Food, Feed, and Non-Food Crop; the Greenhouse Non-Food; and the Residential Outdoor uses.

New studies will be submitted for all the data requirements. Five studies are reserved pending the results of certain submitted data. We have incomplete information at this time on Photodegradation in Air (161-4), since we do not have updated vapor pressure data.

DP BARCODE: D156618 REREG CASE # 2700

CASE: 816353 DATA PACKAGE RECORD DATE: 10/09/90
SUBMISSION: S383815 BEAN SHEET Page 1 of 1

* * * CASE/SUBMISSION INFORMATION * * *

CASE TYPE: REREGISTRATION ACTION: 603 PHASE 3 INITIAL SUB
CHEMICAL: 109901 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-
ID#: 109901003125
COMPANY: 003125 MOBAY CORPORATION
PRODUCT MANAGER: 50 JAY ELLENBERGER 703-308-8085 ROOM: CST 4J1
PM TEAM REVIEWER: FRANKLIN RUBIS 703-308-8184 ROOM: CST 4J6
RECEIVED DATE: 10/09/90 DUE OUT DATE: / /

* * * DATA PACKAGE INFORMATION * * *

DP BARCODE: 156618 EXPEDITE: N DATE SENT: 10/09/90 DATE RET.: / /
DP TYPE: 101 Phase IV Review
ADMIN DUE DATE: 10/30/90 CSF: N LABEL: N

ASSIGNED TO	DATE IN	ASSIGNED TO	DATE IN
DIV : EFED	10/12/90	REVR :	/ /
BRAN: EFGB	/ /	CONTR:	/ /
SECT:	/ /		

* * * DATA PACKAGE REVIEW INSTRUCTIONS * * *

PAHSE III, REFORMATS, SUMMARIES, 6A2, DATA.

* * * ADDITIONAL DATA PACKAGES FOR THIS SUBMISSION * * *

DP BC	BRANCH	DATE OUT	DUE BACK	INS	CSF	LABEL
156616	EEB	10/09/90	10/30/90	Y	N	N
156620	DEB	10/09/90	10/30/90	Y	N	N
156621	NDEB	10/09/90	10/30/90	Y	N	N
156622	TB-HFAS	10/09/90	10/30/90	Y	N	N

LIST B
TRIADIMEFON (Bayleton)
Sent 32 Herb 10/30
91-0052

PHASE IV ENVIRONMENTAL FATE SUMMARY TABLE FOR TRIADIMEFON

Chemical Code: 109901
Pesticide Type: Fungicide

Reviewer: H. Manning
Date:10/26/90

Uses (LUIS 10/24/90): Terrestrial Food+Feed+Non-Crop, Greenhouse Non-Food Crop, Residential Outdoor

		Submitted Studies/ Addendums	DER/Addendum Review/Summary Identification	DER/Addendum Review/Summary Review Conclusions	Additional Data/Info Required?
DEGRADATION-LAB:					
161-1.	Hydrolysis	None			SWBSubmitted
Photodegradation:					
161-2.	In Water	None			SWBSubmitted
161-3.	On Soil	None			SWBSubmitted
161-4.	In Air	None			Reserved[1]
METABOLISM-LAB:					
162-1.	Aerobic Soil	None			SWBSubmitted
162-2.	Anaerobic Soil	None			SWBSubmitted
162-3.	Anaerob. Aquat.	None			SWBSubmitted
162-4.	Aerobic Aquatic	None			NA[2]
MOBILITY STUDIES:					
163-1.	Leaching and Adsorp./Desorp.	None			SWBSubmitted
163-2.	Volatil.(Lab)	None			Reserved[3]
163-3.	Volatil.(Field)	None			Reserved[1]

PHASE IV ENVIRONMENTAL FATE SUMMARY TABLE (continued)

	Submitted Studies/ Addendums	DER/Addendum Review/Summary Identification	DER/Addendum Review/Summary Review Conclusions	Additional Data/Info Required?
DISSIPATION-FIELD:				
164-1. Terrestr.(Soil)	None			SWBSubmitted
164-2. Aquat.(Sediment)	None			NA[2]
164-3. Forestry	None			NA[2]
164-4. Combin./Tank Mix	None			Yes
164-5. Long Term Terr.	None			Reserved[4]
164-5. Long Term Aqua.	None			NA[2]
ACCUMULATION STUDIES:				
165-1. Conf. Rot. Crops	None			SWBSubmitted
165-2. Field Rot. Crops				Reserved[5]
165-3. Irrigated Crops	None			NA[2]
165-4. Fish (Lab)	None			SWBSubmitted
165-5. Aqua. Non-target Organ.(Field)	None			Reserved[6]
SPRAY DRIFT:				
201-1. Droplet Spect.	None			Yes[7]
202-1. Field Spray Drift Evaluation	None			Yes[7]

PHASE IV ENVIRONMENTAL FATE SUMMARY TABLE (continued)

		Submitted Studies/ Addendums	DER/Addendum Review/Summary Identification	DER/Addendum Review/Summary Review Conclusions	Additional Data/Info Required?
GROUNDWATER MONITORING:					
166-1.	Small Propect.	None			No[8]
166-2.	Small Retrop.	None			No[8]
166-3.	Large Retrop.	None			No[9]
SURFACE WATER:					
167-1.	Field Runoff	None			No[10]
167-2.	Surface Water Monitoring	None			No[11]

FOOTNOTES:

1. Field volatility (163-3) and Photodegradation in Air (161-4) data requirements are reserved pending the results of the lab volatility study (163-2) [if applicable].

2. Data are not applicable to the terrestrial, greenhouse, and residential use pattern.

3. Updated vapor pressure data and preliminary assessments of toxicities to non-target organisms are needed to determine requirement of Lab Volatility.

4. Long Term Terrestrial Dissipation data (164-5) are reserved pending the results of the Terrestrial (Soil) Dissipation (164-1).

5. Field Rotational Crop data (165-2) are reserved pending the results of the Confined Rotational Crop study (165-1).

6. Aquatic Non-Target Organism data (165-5) are reserved pending the results of the Accumulation in Fish study (165-4).

7. Spray Drift data (201-1, 202-1) are required because acute oral and dermal toxicities are in Toxicity Category 2 (warning), acute inhalation toxicity is in Toxicity Category 3, and the application technique (ground spraying or aerial spraying), which may cause transfer of the pesticide to non-application areas.

8. Reserved pending preliminary assessment of potential for leaching to ground water (based upon the results of various laboratory and terrestrial field dissipation studies.

9. Reserved pending review of the results of small scale retrospective ground water study (if applicable).

10. Resrved pending a preliminary assessments of the potential for runoff to surface water (based upon the results of various laboratory and field dissipation studies.

11. Reserved pending a review of the results of the field runoff study (if applicable).

KEY:

1) Addendum(EFGWB#/Date) - placed in the second column to indicate that a review (having the indicated EFGWB# and date) of the addendum identified by MRID# in the first column/same row is in the file.

2) DER(EFGWB#/Date) - placed in the second column to indicate that a data evaluation record for the study identified by MRID# in the first column/same row is in the file attached to a review with the indicated EFGWB# and date.

3) DNS/Salv./Supp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not satisfy (DNS) the data requirement, but could possibly be salvageable (Salv.) to do so with the submission of additional information or limited data. The results of the study can be used for supplemental information (Supp.).

4) DNS/Salv./NSupp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not satisfy (DNS) the data requirement, but could possibly be salvageable (Salv.) to do so with the submission of additional information or limited data. The results of the study should not be used for supplemental information (NSupp.).

5) DNS/NSalv./Supp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not satisfy (DNS) the data requirement, does not appear to be salvageable (NSalv.) to do so with the submission of additional information or limited data. The results of the study can be used for supplemental information (Supp.).

6) DNS/NSalv./NSupp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not satisfy (DNS) the data requirement, and does not appear to be salvageable (NSalv.) to do so with the submission of additional information or limited data. The results of the study should not be used for supplemental information (NSupp.).

7) DNPS/Salv./Supp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not partially satisfy (DNPS) the data requirement, but could possibly be salvageable (Salv.) to do so with the submission of additional information or limited data. The results of the study can be used for supplemental information (Supp.).

8) DNPS/Salv./NSupp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not partially satisfy (DNPS) the data requirement, but could possibly be salvageable (Salv.) to do so with the submission of additional information or limited data. The results of the study should not be used for supplemental information (NSupp.).

9) DNPS/NSalv./Supp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not partially satisfy (DNPS) the data requirement and does not appear to be salvageable (NSalv.) to do so with the submission of additional information or limited data. The results of the study can be used for supplemental information (Supp.).

10) DNPS/NSalv./NSupp. - placed in the third column to indicate that the study or addendum identified by MRID# in the first column/same row does not partially satisfy (DNPS) the data requirement, and does not appear to be salvageable (NSalv.) to do so with the submission of additional information or limited data. The results of the study should not be used for supplemental information (NSupp.)

11) Dropped Uses(codes) - placed in the second column to indicate that there are no DERs or summaries available for the study identified by MRID# in the first column/same row, but that the registrant has indicated in their Phase III response that all uses for which the data requirement is applicable will be dropped. Verify through the LUIS report that the uses have been dropped.

12) MRID#/MRID#A - placed in the first column to indicate that the study and adendum (A) whose MRID#s immediately proced and succeed the "/", respectively, are coupled. If a MRID# was not assigned to the addendum, substitute the date of submission for the MRID# followed by an "A" to indicate that its an addendum. If neither a MRID# or submission date is available, but the addendum was submitted as part of the Phase III response, substitute "Phase IIIA" for "MRID#A".

13) NA - placed in last (4th) column to indicate that the data requirement is not applicable to the uses listed in the LUIS report.

14) No - placed in the final (4th) column to indicate that no additional information or data is needed to completely satisfy an applicable data requirement. Identify in a footnote any studies that individually only partially satisfied the data requirement, but combined completely satisfies the data requirement. If the data requirement is not applicable to any of the uses listed in the LUIS report, use the "NA" designation defined above instead of "No".

15) No Information - placed in the second column to indicate that no DER or summary is available for the study identified by MRID# in the first column/same row, and that the registrant has not indicated in their Phase III response that they will submit another study or will drop uses to make the data requirement not applicable.

16) None - placed in the first column to indicate that the registrant did not list any studies or addendums in their Phase II and/or III responses for the given data requirement. In addition, EFGWB has no record of any studies or study/addendum combinations satisfying or partially satisfying the data requirement.

17) Not Reviewable - placed in the third column to indicate that based upon a review of the summary identified by MRID# in the second column/same row, EFGWB concludes that the study identified by MRID# in the first column/same row will not satisfy or partially satisfy the data requirement and appears not to be salvageable to do so. Therefore, the study should not be reviewed.

18) Reviewable - placed in the third column to indicate that based upon a review of the summary identified by MRID# in the second column/same row, EFGWB concludes that the study identified by MRID# in the first column/same row may possibly satisfy or partially satisfy the data requirement, or could possibly be salvageable to do so. Therefore, the study should be reviewed.

19) Reserved - placed in the final (4th) column to indicate that the data requirement is being held in reserve. Indicate in a footnote what information is needed to decide whether or not to impose the data requirement.

20) SIReview - placed in the final (4th) column to indicate that one or more studies is currently in review.

21) Study Withdrawn - placed in the second column to indicate that there are no DERs or summaries available for the study identified by MRID# in the first column/same row, but that the registrant has indicated in their Phase III response that another study will be submitted.

22) Summary(MRID#) - placed in the second column to indicate that a DER is not available for the study identified by MRID# in the first column/same row, but that a study summary with the indicated MRID# was submitted as part of the Phase III response. If a summary is submitted for a study which also has a DER, identify the DER in the second column instead of the summary. (Note that the MRID# of the summary is not the same as the MRID# of the study it summarizes).

23) SWBSubmitted - placed in the final (4th) column to indicate that one or more studies will be submitted by the registrant as indicated in their Phase III response.

24) Waived - placed in the final (4th) column to indicate that the data requirement has been waived. Identify the reason for the waiver and the EFGWB#/date of EFGWB's waiver recommendation in a footnote.

25) Yes - placed in the final (4th) column to indicate that additional information and/or data are needed to satisfy the data requirement. Specify in a footnote what additional information and/or data are needed.

1.a. Company Name	1.b. Company No.	2.a. Chemical No.	2.b. Chemical Name	2.c. Case No.
MOBAY CORPORATION KANSAS CITY, MO	003125	109901	Chlorophenoxy)-3,3-dimethy	2700

Summary of Registrant's Phase 2 Response				Phase 3 Response								
3 Guideline Reference Number	4 Name of Requirement	5 MRID Number Associated With Comply Codes 1 and 6	6 Comply Codes Used in Phase 2 Response	7 Is Summary Provided? Yes	8 Does Summary Identify Adverse Effects? Yes	9 Is Reformatted Study Provided? Yes	10 Will Do Study? Yes	11 Will Cost Share? Yes	12 Have/ Will Provide Data Compen- Yes	13 Am Amending to Drop Use? Yes	14 Correspondence	15 Time Frame
85-2	Dermal penetration			☐	☐	☐	☐	☐	☐	☐	☐	2
86-1	Domestic animal safety			☐	☐	☐	☐	☐	☐	☐	☐	2
122-1(a)	Seed germ/seedling emerg		4,6	☐	☐	☐	☐	☐	☐	☐	☒	1
122-1(b)	Vegetative vigor		4,6	☐	☐	☐	☐	☐	☐	☐	☒	1
122-2	Aquatic plant growth	* ~~262754~~ 159558	1,6	☒	☐	☐	☐	☐	☐	☐	☐	1
123-1(a)	Seed germ/seedling emerg			☐	☐	☐	☐	☐	☐	☐	☐	1
123-1(b)	Vegetative vigor			☐	☐	☐	☐	☐	☐	☐	☐	1
123-2	Aquatic plant growth			☐	☐	☐	☐	☐	☐	☐	☐	1
124-1	Terrestrial field			☐	☐	☐	☐	☐	☐	☐	☐	2
124-2	Aquatic field			☐	☐	☐	☐	☐	☐	☐	☐	2
132-1(a)	Foliar residue dissipation		6	☐	☐	☐	☒	☐	☐	☐	☒	2
132-1(b)	Soil residue dissipation			☐	☐	☐	☐	☐	☐	☐	☐	2
133-3	Dermal passive dosimetry expo		6	☐	☐	☐	☒	☐	☐	☐	☒	2
133-4	Inhal. passive dosimetry expo		6	☐	☐	☐	☒	☐	☐	☐	☒	2
141-1	Honey bee acute contact			☐	☐	☐	☐	☐	☐	☐	☐	1
141-2	Honey bee residue on foliage			☐	☐	☐	☐	☐	☐	☐	☐	1
141-5	Field test for pollinators			☐	☐	☐	☐	☐	☐	☐	☐	2
160-5	Chemical identity	40477401	1	☒	☐	☐	☐	☐	☐	☐	☐	1
161-1	Hydrolysis	96992	1	☐	☐	☐	☒	☐	☐	☐	☐	1
161-2	Photodegradation-water	97003	1	☐	☐	☐	☒	☐	☐	☐	☐	1
		149344		☐	☐	☐					☐	

1.a. Company Name	1.b. Company No.	2.a. Chemical No.	2.b. Chemical Name	2.c. Case No.
MOBAY CORPORATION KANSAS CITY, MO	003125	109901	Chlorophenoxy)-3,3-dimethy	2700

Summary of Registrant's Phase 2 Response				Phase 3 Response								
3 Guideline Reference Number	4 Name of Requirement	5 MRID Number Asspciated With Comply Codes 1 and 6	6 Comply Codes Used in Phase 2 Response	7 Is Summary Provided? Yes	8 Does Summary Identify Adverse Effects? Yes	9 Is Reformatted Study Provided? Yes	10 Will Do Study? Yes	11 Will Cost Share? Yes	12 Have/ Will Provide Data Compen- Yes	13 Am Amending to Drop Use? Yes	14 Correspondence	15 Time Frame
161-3	Photodegradation-soil	44169	1	☐	☐	☐	☒	☐	☐	☐	☐	1
161-4	Photodegradation-air			☐	☐	☐	☐	☐	☐	☐	☒	1
162-1	Aerobic soil metabolism	125404	1	☐	☐	☐	☒	☐	☐	☐	☐	2
		96991		☐	☐	☐					☐	
162-2	Anaerobic soil metabolism	125404	1	☐	☐	☐	☒	☐	☐	☐	☐	2
162-3	Anaerobic aquatic metab.		4	☐	☐	☐	☐	☐	☐	☐	☐	2
163-1	Leach/adsorp/desorption	44168	1,6	☐	☐	☐	☐	☐	☐	☐	☐	1
		96998		☐	☐	☐					☐	
		29887		☐	☐	☐					☐	
163-2	Volatility - lab			☐	☐	☐	☐	☐	☐	☐	☐	1
163-3	Volatility - field			☐	☐	☐	☐	☐	☐	☐	☐	1
164-1	Terrestrial field dissipation	44167	1	☐	☐	☐	☒	☐	☐	☐	☐	2
		96999		☐	☐	☐					☐	
		97000		☐	☐	☐					☐	
		97005		☐	☐	☐					☐	
		97010		☐	☐	☐					☐	
164-5	Long term soil dissipation			☐	☐	☐	☐	☐	☐	☐	☐	4
165-1	Confined rotational crop	130257	1	☐	☐	☐	☒	☐	☐	☐	☐	2
165-2	Field rotational crop			☐	☐	☐	☐	☐	☐	☐	☐	3
165-4	Bioaccumulation in fish		4	☐	☐	☐	☐	☐	☐	☐	☐	1

1.a. Company Name	1.b. Company No.	2.a. Chemical No.	2.b. Chemical Name	2.c. Case No.
MOBAY CORPORATION KANSAS CITY, MO	003125	109901	Chlorophenoxy)-3,3-dimethy	2700

Summary of Registrant's Phase 2 Response

Phase 3 Response

3 Guideline Reference Number	4 Name of Requirement	5 MRID Number Associated With Comply Codes 1 and 6	6 Comply Codes Used in Phase 2 Response	7 Is Summary Provided? Yes	8 Does Summary Identify Adverse Effects? Yes	9 Is Reformatted Study Provided? Yes	10 Will Do Study? Yes	11 Will Cost Share? Yes	12 Have/Will Provide Data Compen- Yes	13 Am Amending to Drop Use? Yes	14 Correspondence	15 Time Frame
165-5	Bioaccum-aquatic non-target			☐	☐	☐	☐	☐	☐	☐	☐	1
166-1	Grd water-small prospect.			☐	☐	☐	☐	☐	☐	☐	☐	4
166-2	Grd water-small. retrospect.			☐	☐	☐	☐	☐	☐	☐	☐	4
166-3	Grd water-irrg retrospect.			☐	☐	☐	☐	☐	☐	☐	☐	4
171-2	Chemical identity	40477401	1	☒	☐	☐	☐	☐	☐	☐	☐	1
171-3	Directions for use		7	☐	☐	☐	☐	☐	☐	☐	☐	1
171-4(a)	Nature of residue - plants	25540	1	☒	☐	☒	☐	☐	☐	☐	☐	2
		31440		☒	☐	☒					☐	
		31441		☐	☐	☒					☐	
		98115		☒	☐	☒					☐	
		130257 150893		☐ ☒	☐	☐ ☒					☐	
		96911		☐	☐	☐					☐	
171-4(b)	Nature of residue - livestock	25543	1	☒	☐	☒	☐	☐	☐	☐	☐	2
		33058		☒	☐	☒					☐	
		33070		☒	☐	☒					☐	
171-4(c)	Res. analyt. method - plant	33056 25546	1	☐ ☒	☐	☐ ☒	☐	☐	☐	☐	☐	2
		149163 125782		☒	☐	☒ ☒					☐	
		25544		☐	☐	☐					☐	
171-4(d)	Res. analyt. method - animal	90019	1	☒	☐	☒	☐	☐	☐	☐	☐	2
		90020 63835		☐	☐	☒ ☒					☐	
		63837		☐	☐	☒					☐	

ALPHABETIC ACTIVE CHEMICAL CODE LIST

ASCII FILE (JULY 89) FROM HUY TRAN, SHIRLEY HAMMEL (PMSD)
PROGRAMMED BY YUEN-SHAUNG NG (BAB/BEAD)

TYPES: NONE OR BLANK = PREFERRED NAME FOR INGREDIENT STATEMENTS,
+=OFFICIAL, #=ANSI, C=COMMON, S=SYNONYM,
T=TRADE OR OTHER, *=NO ACTIVE PRODUCT

10/25/90

TYPE	CHEMICAL CODE	CHEMICAL NAME
	109901	1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone
S	109901	CAS Reg. No. 43121-43-3
S	109901	2-Butanone, 1-(4-chlorophenoxy)-3,3-dimethyl-1-(1,2,4-triazol-1-yl)-
S	109901	1H-,1,2,4-Triazole, 1-((tert-butylcarbonyl-4-chlorophenoxy)methyl)-
T	109901	Triadimefon
T	109901	Bayleton
T	109901	Amiral
T	109901	Bay MEB 6447
T	109901	MEB 6447

LUIS
General Chemical Report
Formulation(s), Product Type(s), Restricted Chemical Information

Form	Description	Product	AI Percent	Single AI	Density	End Use	Homeowner Use	Restricted Use Pesticide	Restricted Reason
01	TECHNICAL CHEMICAL	003125-00319	90.0000	YES		NO	YES	NO	
02	FORMULATION INTERMEDIATE	003125-00334	50.0000	YES		NO	YES	NO	
		003125-00376	22.0000	YES		NO	YES	NO	
04	GRANULAR	000004-00341	0.5000	YES		YES	YES	NO	
		000538-00161	0.5900	YES		YES	YES	NO	
		000538-00174	0.6200	YES		YES	YES	NO	
		000961-00353	0.5000	YES		YES	YES	NO	
		000961-00354	1.0000	YES		YES	YES	NO	
		003125-00363	1.0000	YES		YES	YES	NO	
		003125-00364	0.5000	YES		YES	YES	NO	
		032802-00041	1.0000	YES		YES	YES	NO	
		032802-00042	0.5000	YES		YES	YES	NO	
06	WETTABLE POWDER	003125-00340	50.0000	YES		YES	YES	NO	
11	WATER DISPERABLE GRANULES	003125-00320	50.0000	YES		YES	YES	NO	
12	EMULSIFIABLE CONCENTRATE	003125-00370	0.8800	YES	0.08	YES	YES	NO	
90	FORMULATION NOT IDENTIFIE	000538-00203	16.0000	N		YES	YES	NO	
		000538-00216	1.5900	N		YES	YES	NO	
		003125-00318	25.0000	YES		YES	YES	NO	

LUIS
General Chemical Report
Type(s) of Pesticide

Description

FUNGICIDE

LUIS
General Chemical Report
Use Groups

Use Group	Description
A1	TERRESTRIAL FOOD CROP
A2	TERRESTRIAL FOOD+FEED CRO
C1	TERRESTRIAL NON-FOOD CROP
C2	TERRESTRIAL NON-FOOD+OUTD
I1	GREENHOUSE NON-FOOD CROP
K1	OUTDOOR RESIDENTIAL

LUIS
General Chemical Report
Site and Use Groups

Non-Food / Non-Feed Uses

Site	Use Group
GOLF COURSE TURF	TERRESTRIAL NON-FOOD CROP
ORNAMENTAL AND/OR SHADE TREES	TERRESTRIAL NON-FOOD CROP
	TERRESTRIAL NON-FOOD+OUTD
ORNAMENTAL HERBACEOUS PLANTS	GREENHOUSE NON-FOOD CROP
	TERRESTRIAL NON-FOOD+OUTD
ORNAMENTAL LAWNS AND TURF	OUTDOOR RESIDENTIAL
	TERRESTRIAL NON-FOOD CROP
	TERRESTRIAL NON-FOOD+OUTD
ORNAMENTAL WOODY SHRUBS AND VINES	GREENHOUSE NON-FOOD CROP
	TERRESTRIAL NON-FOOD+OUTD

Food / Feed Uses

Site	Use Group
ALMOND	TERRESTRIAL FOOD+FEED CRO
APPLE	TERRESTRIAL FOOD+FEED CRO
BARLEY	TERRESTRIAL FOOD+FEED CRO
CUCUMBER	TERRESTRIAL FOOD CROP
GHERKIN	TERRESTRIAL FOOD CROP
GOURD (WAX), CHINESE	TERRESTRIAL FOOD CROP
GOURDS	TERRESTRIAL FOOD CROP
GRAPES	TERRESTRIAL FOOD+FEED CRO
GRASSES	TERRESTRIAL FOOD+FEED CRO
MELONS	TERRESTRIAL FOOD CROP
MELONS, BITTER (BALSAM PEAR)	TERRESTRIAL FOOD CROP
MELONS, CITRON	TERRESTRIAL FOOD CROP
MELONS, WATER	TERRESTRIAL FOOD CROP
PEAR	TERRESTRIAL FOOD CROP
PINEAPPLE	TERRESTRIAL FOOD+FEED CRO
PUMPKIN	TERRESTRIAL FOOD CROP
RASPBERRY (BLACK, RED)	TERRESTRIAL FOOD CROP
SQUASH (SUMMER)	TERRESTRIAL FOOD CROP
SQUASH (WINTER)	TERRESTRIAL FOOD CROP
SUGAR BEET	TERRESTRIAL FOOD+FEED CRO
WHEAT	TERRESTRIAL FOOD+FEED CRO

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General Chemical Report
Use Limitations and Restricted Entry Intervals
By Product, Site, and Application Method

Product	Limitation Reason	Use Group	Site	Application Type	Application Timing	Application Equipment	Rest'd Entry (days)
000004-00341	Do not apply over snow cover or when turf is dormant.	TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF	Broadcast.	Fall	Spreader.	0.00
000004-00341	Do not apply over snow cover or when turf is dormant.	TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF	Broadcast.	Fall	Spreader.	0.00
000004-00341	Do not apply over snow coveror when turf is dormant.	TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF				
000004-00341	Do not use on crops grown for food or forage.						
000961-00353	Apply before first snow cover. Do not apply over snow cover.	TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF	Broadcast.	Late fall	Spreader.	0.00
000961-00353	Do not use on crops grown for food or forage.						
000961-00354	Do not apply over snow cover or when turf is dormant.	TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF	Broadcast.	Late fall	Spreader.	0.00
000961-00354	Do not use on crops grown for food or forage.						
003125-00318	Apply in sufficient water to uniformly inject the entire mixture during the last 5 minutes of the irrigation cycle.	TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL HERBACEOUS PLANTS	Spray.	Foliar.	Not on label.	0.00
003125-00318	Do not apply over snow cover.	OUTDOOR RESIDENTIAL	ORNAMENTAL LAWNS AND TURF				

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Use Limitations and Restricted Entry Intervals
By Product, Site, and Application Method

Product	Limitation Reason	Use Group	Site	Application Type	Application Timing	Application Equipment	Rest'd Entry (days)
003125-00318	Do not apply over snow cover.	TERRESTRIAL NON-FOOD CROP	ORNAMENTAL LAWNS AND TURF				
003125-00318	Do not use on crops grown for food or forage.						
003125-00320	15__ day(s) preharvest interval.	TERRESTRIAL FOOD+FEED CRO	BARLEY	Low volume spray (concent	Foliar.	Low volume ground.	0.00
003125-00320	Do not use treated seed for food or feed purposes.	TERRESTRIAL FOOD+FEED CRO	BARLEY	Low volume spray (concent	Foliar.	Low volume ground.	0.00
003125-00320	15__ day(s) preharvest interval.	TERRESTRIAL FOOD+FEED CRO	BARLEY	Low volume spray (concent	Foliar.	Low volume ground.	0.00
003125-00320	30__ day(s) preharvest interval.	TERRESTRIAL FOOD+FEED CRO	BARLEY	Low volume spray (concent	Foliar.	Low volume ground.	0.00
003125-00320	Do not use treated seed for food or feed purposes.	TERRESTRIAL FOOD+FEED CRO	BARLEY	Low volume spray (concent	Foliar.	Low volume ground.	0.00
003125-00320	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	CUCUMBER				
003125-00320	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	GHERKIN				
003125-00320	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	GOURD (WAX), CHINESE				
003125-00320	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	MELONS, CITRON				

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General Chemical Report
Use Limitations and Restricted Entry Intervals
By Product, Site, and Application Method

Product	Limitation Reason	Use Group	Site	Application Type	Application Timing	Application Equipment	Rest'd Entry (days)
003125-00320	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	MELONS, WATER				
003125-00320	1__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	RASPBERRY (BLACK, RED)				
003125-00320	Do not graze livestock in treated orchards.	TERRESTRIAL FOOD+FEED CRO	APPLE				
003125-00320	21__ day(s) preharvest interval.	TERRESTRIAL FOOD+FEED CRO	BARLEY				
003125-00320	14__ day(s) preharvest interval.	TERRESTRIAL FOOD+FEED CRO	GRAPES				
003125-00320	Grown for seed only.	TERRESTRIAL FOOD+FEED CRO	GRASSES				
003125-00320	21__ day(s) preharvest interval.	TERRESTRIAL FOOD+FEED CRO	WHEAT				
003125-00340	15__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	GOURD (WAX), CHINESE	Low volume spray (concent	Foliar.	Aircraft.	0.00
003125-00340	30__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	GOURD (WAX), CHINESE	Low volume spray (concent	Foliar.	Aircraft.	0.00
003125-00340	15__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	GOURD (WAX), CHINESE	Low volume spray (concent	Foliar.	Aircraft.	0.00
003125-00340	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	GOURDS				

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Use Limitations and Restricted Entry Intervals
By Product, Site, and Application Method

Product	Limitation Reason	Use Group	Site	Application Type	Application Timing	Application Equipment	Rest'd Entry (days)
003125-00340	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	MELONS				
003125-00340	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	MELONS, BITTER (BALSAM PEAR)				
003125-00340	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	MELONS, CITRON				
003125-00340	Do not graze livestock in treated orchards.	TERRESTRIAL FOOD CROP	PEAR				
003125-00340	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	PUMPKIN				
003125-00340	0__ day(s) preharvest interval.	TERRESTRIAL FOOD CROP	SQUASH (WINTER)				
003125-00340	Do not graze livestock in treated orchards.	TERRESTRIAL FOOD+FEED CRO	APPLE				
003125-00363	Do not apply over snow cover.	TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF				
003125-00363	Do not use on crops grown for food or forage.						
003125-00364	Do not use on crops grown for food or forage.						
003125-00370	Do not use on crops grown for food or forage.						

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General Chemical Report
Geographic Limitations
By Site and/or Application Method

Use Group	Site	Application Type	Application Timing	Application Equipment	Location Allowed	Disallowed	Product No.
TERRESTRIAL FOOD CROP	RASPBERRY (BLACK, RED)				California		003125-00320
TERRESTRIAL FOOD CROP	RASPBERRY (BLACK, RED)				California		003125-00340
TERRESTRIAL NON-FOOD CROP	ORNAMENTAL AND/OR SHADE TREES					California	003125-00320
TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL AND/OR SHADE TREES					California	003125-00340
TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF	Broadcast.	Late fall	Spreader.	California		032802-00041
TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF	Broadcast.	Summer	Spreader.	California		032802-00041
TERRESTRIAL NON-FOOD+OUTD	ORNAMENTAL LAWNS AND TURF	Broadcast.	Winter	Spreader.		California	032802-00041

If a description does not appear for Application Type, Timing, and Equipment, the geographic limitaton applies to the entire site.

109901 1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2

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General Chemical Report
Issues

Product	Issue Cat	Description	Site	Use Group	Application Type	Application Timing	Application Equipment
000538-00216	L	Diluent gallonage for tees and greens only, converted from 4 gallons per 1K sq.ft.	GOLF COURSE TURF	TERRESTRIAL NON-FOOD CROP	Spray.	When needed.	Sprayer.
003125-00340	J	Label lists pine seedlings as the site.	ORNAMENTAL AND/OR SHADE TREES	TERRESTRIAL NON-FOOD+OUTD	Low volume spray (concent	Seedling stage.	Low volume ground.
	J	Label lists pine seedlings as the site.	ORNAMENTAL AND/OR SHADE TREES	TERRESTRIAL NON-FOOD+OUTD	Low volume spray (concent	Seedling stage.	Aircraft.
003125-00370	A	Density of active ingredient on label 0.15 ounce per pint.					

NOTE: Issue Cat Codes are
A - Formulation
B - Pesticide Type
C - Diluent
D - Geographic
E - Limitations
F - Chemical/Active Ingredient
G - Pest
H - Maximum Number of Apps
I - Label Error
J - Site
K - Application Method
L - Dosage
M - Soil Type
Z - Comments