

US EPA ARCHIVE DOCUMENT

SRRD/GCSB TRANSMITTAL SHEET FOR PARTS B/C/D

To EFED on 11/28/89 Pkg #: B056 Chemical/Case #: 109901 / 2700

Categories: F Use Patterns: 1, 2, 3, 9, 11

Chemical: TRIADIMEFON (Bayleton)

Submitter: MOBAY

Chemical Review Manager: FRANK RUBIS Phone #: 557-0458

Label(s) attached: Yes ( ) / No (X).

Branch: EFGWB Review Section:
Reviewer: RW Holst
Signature:
Date: / /

Section Head:
Signature: RW Holst
Date: 12/11/89

Branch Chief: H. Jacky
Signature: RW Holst for
Date: 12/20/89

GENERAL COMMENTS

ENVIRONMENTAL FATE & GROUND WATER BRANCH  
Data Requirements for... TRIADIMEFON

	D	W	C
160-5 Chemical Identity			
161-1 Hydrolysis			
161-2 Photodegradation in Water			
161-3 Photodegradation on Soil			
161-4 Photodegradation in Air	I		
162-1 Aerobic Soil Metabolism			
162-2 Anaerobic Soil Metabolism			
162-3 Anaerobic Aquatic Metabolism			
162-4 Aerobic Aquatic Metabolism			
163-1 Leaching and Adsorption/Desorption			
163-2 Laboratory Volatility	R <sup>reserved</sup>		
163-3 Field Volatility	R		
164-1 Terrestrial Field Dissipation			
164-2 Aquatic Sediment Dissipation			
164-3 Forestry Dissipation			
164-5 Long-Term Field Dissipation	R		
165-1 Confined Rotational Crop			
165-2 Field Rotational Crop	R		
165-3 Accumulation - Irrigated Crops			
165-4 Bioaccumulation in Fish			
165-5 Bioaccumulation - Aquatic Non-Target	R		
166-1 Ground Water - Small Prospective			
166-2 Ground Water - Small Retrospective	R		
166-3 Ground Water - Large Retrospective			
201-1 Droplet Size Spectrum	Req'd	I	
202-1 Drift Field Evaluation	Req'd	I	

= reserved

B-056

GCSB TRANSMITTAL FORM FOR LIST B PART Bs

DATE OF TRANSMITTAL TO HED EFED RSB(RD): 11-28-89

CASE NUMBER 2700 CHEMICAL NUMBER 109901

CHEMICAL Triadimefon

COMPANY MOBAY

CHEMICAL REVIEW MANAGER FRANK RUBIS

PHONE NUMBER 557-0458

NO DATA WAIVERS/TIME EXTENSIONS PERTAINING TO MY BRANCH.

SIGNATURE \_\_\_\_\_ BRANCH \_\_\_\_\_

PHONE NO. \_\_\_\_\_

PLEASE RETURN THIS FORM WHEN COMPLETED (WITHIN 2 WEEKS). ATTACH ALL SCIENCE RECOMMENDATIONS TO THE BACK OF THIS FORM.

TO: NAME \_\_\_\_\_ BRANCH \_\_\_\_\_

DATE \_\_\_\_\_

COMPLETED: NAME \_\_\_\_\_ DATE \_\_\_\_\_

PHONE NUMBER \_\_\_\_\_

SIGN OFF: NAME \_\_\_\_\_ DATE \_\_\_\_\_

U.S. Environmental Protection Agency  
 REREGISTRATION PHASE 2 RESPONSE WORKSHEET

<p>1  <b>COMPANY NAME &amp; ADDRESS</b>                  MOBAY CORPORATION                  AGRICULTURAL CHEMICALS DIVISION                  BOX 4913                  KANSAS CITY                  MO 64120</p>	<p>2  <b>CASE #</b>                  2700</p> <p><b>CHEM #</b>                  109901</p> <p><b>LIST B</b></p>	<p>3  <b>CASE NAME</b>                  Triadimefon</p> <p><b>CHEM NAME</b>                  Chlorophenoxy)-3,3-dimethyl-1-</p>
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4 EPA Product Registration	5 I wish to voluntarily cancel this EPA Product Registration	6 I am seeking reregistration of this EPA Registration and am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA Registration numbers listed below	7 I am seeking re-registration of this EPA Registration and I agree to satisfy its Generic Data requirements
003125-00318			X
003125-00319			X
003125-00320			X
003125-00334			X
003125-00340			X
003125-00363			X
003125-00364			X
003125-00370			X
003125-00376			X

I certify that the statements I have made on this form and all attachments thereto are true, accurate, and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

<p>8 Signature of Company's Authorized Representative</p> <p><i>John S. Thornton</i></p>	<p>9 Date</p> <p>August 30, 1989</p>
<p>10 Name of Company's Authorized Representative (typed or printed)</p> <p>John S. Thornton</p>	
<p>11 Name of Company Contact</p> <p>John S. Thornton</p>	<p>Phone Number</p> <p>(816) 242-2255</p>

U.S. Environmental Protection Agency

REREGISTRATION PHASE 2 RESPONSE WORKSHEET

<p>1 <b>COMPANY NAME &amp; ADDRESS</b> MOBAY CORPORATION AGRICULTURAL CHEMICALS DIVISION BOX 4913 KANSAS CITY MO 64120</p>	<p>2 <b>CASE #</b> 2700  <b>CHEM #</b> 109901 <b>LIST B</b></p>	<p>3 <b>CASE NAME</b> Triadimefon  <b>CHEM NAME</b> Chlorophenoxy)-3,3-dimethyl-1-</p>
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4 EPA Product Registration	5 I wish to voluntarily cancel this EPA Product Registration	6 I am seeking reregistration of this EPA Registration and am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA Registration numbers listed below	7 I am seeking re-registration of this EPA Registration and I agree to satisfy its Generic Data requirements
AL-83-0009	11/10/87		
AL-84-0003	11/10/87		
AR-80-0006	11/10/87		
ID-80-0031	X		
LA-84-0002	11/10/87		
MS-83-0008	No record of ever receiving this 24(c) registration		
NC-80-0011	X		
NC-83-0015	11/10/87		
NM-82-0011	8/3/88		

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REREGISTRATION PHASE 2 RESPONSE WORKSHEET

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4 EPA Product Registration	5 I wish to voluntarily cancel this EPA Product Registration	6 I am seeking reregistration of this EPA Registration and am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA Registration numbers listed below	7 I am seeking re-registration of this EPA Registration and I agree to satisfy its Generic Data requirements
OK-81-0018	2/12/85		
OK-83-0012	11/10/87		
OR-80-0010	8/3/88		
OR-80-0030	X		
TN-83-0001	11/10/87		
TX-81-0039	8/3/88		
TX-83-0040	11/10/87		
UT-80-0001	3/13/86		
WA-80-0017	8/3/88		

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4 EPA Product Registration	5 I wish to voluntarily cancel this EPA Product Registration	6 I am seeking reregistration of this EPA Registration and am claiming a Generic Data Exemption because I obtain the active ingredient from the source EPA Registration numbers listed below	7 I am seeking re-registration of this EPA Registration and I agree to satisfy its Generic Data requirements
WA-80-0020			X
ID-87-0023			X
UT-88-0002			X

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**U.S. ENVIRONMENTAL PROTECTION AGENCY**  
 Washington, D.C. 20460  
 Reregistration Phase 2 Response Worksheet

**PART B**

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1. Company Name **Mobay**      2. Case Number **2700**      3. Case Name **Triadimefon**  
 4. Chemical Name                5. Chemical Number **109901**      **List B**

Guideline Reference Number	Title of Study	Use Groups												7 This data Req't applies to my chemical								9 Time permitted for submission to EPA (In Years)				
		terrestrial			aquatic			green house			for entry			Indoor			8 How I will comply with this data requirement									
		food	non-food crop	non-food	food	out-door	non-food	real-dental	food crop	non-food crop	real-dental	for entry	for entry	for entry	food	non-food	real-dental	1	2	3	4		5	6	7	8
122-1(a)	Seed germ/seedling emerg	CR	CR	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	1
122-1(b)	Vegetative vigor	CR	CR	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	1
122-2	Aquatic plant growth	CR	CR	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	1
123-1(a)	Seed germ/seedling emerg	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	1
123-1(b)	Vegetative vigor	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	1
123-2	Aquatic plant growth	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	2
124-1	Terrestrial field	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	2
124-2	Aquatic field	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	2
132-1(a)	Foliar residue dissipation	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	2
132-1(b)	Soil residue dissipation	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	2
133-3	Dermal passive dosimetry expo	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	1
133-4	Inhal. passive dosimetry expo	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	1
141-1	Honey bee acute contact	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	2
141-2	Honey bee residue on foliage	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	2
141-5	Field test for pollinators	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	1
160-5	Chemical Identity	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	1

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3. Case Name *Triadimefen*  
 5. Chemical Number *109901 List B*

2. Case Number *2700*

1. Company Name *Mobay*

4. Chemical Name

Guideline Reference Number	Title of Study	10(a) MRID Number(s) for Item 8 Response Code 1	10(b) MRID Number(s) for Item 8 Response Code 2
122-1(a)	Seed germ/seedling emerg		
122-1(b)	Vegetative vigor	<i>Accession No. 262751</i>	
122-2	Aquatic plant growth		
123-1(a)	Seed germ/seedling emerg		
123-1(b)	Vegetative vigor		
123-2	Aquatic plant growth		
124-1	Terrestrial field		
124-2	Aquatic field		
132-1(a)	Foliar residue dissipation		
132-1(b)	Soil residue dissipation		
133-3	Dermal passive dosimetry expo		
133-4	Inhal. passive dosimetry expo		
141-1	Honey bee acute contact		
141-2	Honey bee residue on foliage		
141-5	Field test for pollination		
160-5	Chemical Identity	<i>40477401</i>	

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1. Company Name <b>Mobay</b>	2. Case Number <b>2700</b>	3. Case Name <b>Triadimefon</b>	5. Chemical Number <b>109901</b>
4. Chemical Name		<b>List B.</b>	

Guideline Reference Number	Title of Study	Use Groups												7 This data Req't applies to my chemical								9 Time permitted for sub-mission to EPA (in Years)		
		terrestrial			aquatic			green house			indoor			YES	NO	1	2	3	4	5	6		7	8
		food	non-food	food	non-food	industrial	out-door	food crop	non-food crop	food crop	non-food crop	for-ent	real-dent											
161-1	Hydrolysis	X	R	R	R	R	R	R	R	R	R	R	R	R	X		X							1
161-2	Photodegradation-water	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							1
161-3	Photodegradation-soil	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							1
161-4	Photodegradation-air	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	X		X							1
162-1	Aerobic soil metabolism	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2
162-2	Anaerobic soil metabolism	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2
162-3	Anaerobic aquatic metab.	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2
162-4	Aerobic aquatic metab.	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2
163-1	Leach/adsorp/desorption	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	X		X							1
163-2	Volatility - lab	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	X		X							1
163-3	Volatility - field	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	X		X							1
164-1	Terrestrial field dissipation	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2
164-2	Aquatic field dissipation	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2
164-3	Forest field dissipation	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2
164-5	Long term soil dissipation	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	X		X							4
165-1	Combined rotational crop	R	R	R	R	R	R	R	R	R	R	R	R	R	X		X							2

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<b>1. Company Name</b>	<i>Mobay</i>	<b>2. Case Number</b>	<i>2700</i>	<b>3. Case Name</b>	<i>Triadimefon</i>
<b>4. Chemical Name</b>		<b>5. Chemical Number</b>	<i>109901</i>	<b>6. Chemical Name</b>	<i>List B</i>

Guideline Reference Number	Title of Study	10(a) MRID Number(s) for Item 8 Response Code 1	10(b) MRID Number(s) for Item 8 Response Code 2
161-1	Hydrolysis	<i>00096992</i>	
161-2	Photodegradation-water	<i>00097003, 00149344</i>	
161-3	Photodegradation-soil	<i>00044169</i>	
161-4	Photodegradation-air		
162-1	Aerobic soil metabolism	<i>00125404, 00096991</i>	
162-2	Anaerobic soil metabolism	<i>00125404</i>	
162-3	Anaerobic aquatic metab.		
162-4	Aerobic aquatic metab.		
163-1	Leach/adsorp/desorption	<i>00044168, 00096998, 00029887</i>	
163-2	Volatility - lab		
163-3	Volatility - field		
164-1	Terrestrial field dissipation	<i>00044167, 00096999, 00097000, 00097005, 00097010</i>	
164-2	Aquatic field dissipation		
164-3	Forest field dissipation		
164-5	Long term soil dissipation		
165-1	Confined rotational crop	<i>00130257</i>	

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1. Company Name: **Mobay**      2. Case Number: **2700**      3. Case Name: **Triadimefon**  
 4. Chemical Name: **Triadimefon**      5. Chemical Number: **109901**      List B

Guideline Reference Number	Title of Study	Use Groups												How I will comply with this data requirement								Time permitted for submission to EPA (in Years)				
		terrestrial			aquatic			green house			indoor			YES	NO	1	2	3	4	5	6		7	8		
		food	non-food	residential	food	non-food	residential	food	non-food	crop	for entry	residential	outdoor												food	non-food
165-2	Field rotational crop	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR										3	
165-3	Accumulation - Irrig crop	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											3
165-4	Bioaccumulation in fish	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											1
165-5	Bioaccum -aquatic non-target	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											1
166-1	Grd water-small prospect.	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											4
166-2	Grd water-sm. retrospect.	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											4
166-3	Grd water-lyg retrospect.	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											1
201-1	Droplet size spectrum	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											2
202-1	Drift field evaluation	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											1
171-2	Chemical Identity	R	R	R	R	R	R	R	R	R	R	R	R	R	R											1
171-3	Directions for use	R	R	R	R	R	R	R	R	R	R	R	R	R	R											2
171-5	Reduction of residues	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											2
171-4(a)	Nature of residue - plants	R	R	R	R	R	R	R	R	R	R	R	R	R	R											2
171-4(b)	Nature of residue - livestock	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											2
171-4(c)	Res. analyt. method - plant	R	R	R	R	R	R	R	R	R	R	R	R	R	R											2
171-4(d)	Res. analyt. method - animal	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR	CR											2



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<b>1. Company Name</b>	<i>Mobay</i>	<b>2. Case Number</b>	<i>2700</i>	<b>3. Case Name</b>	<i>Triadimefon</i>
<b>4. Chemical Name</b>		<b>5. Chemical Number</b>	<i>109901</i>		<i>List B</i>

Guideline Reference Number	Title of Study	10(a) MRID Number(s) for Item 8 Response Code 1	10(b) MRID Number(s) for Item 8 Response Code 2
165-2	Field rotational crop		
165-3	Accumulation - irrig crop		
165-4	Bioaccumulation in fish		
165-5	Bioaccum - aquatic non-target	1	
166-1	Grd water-small prospect.		
166-2	Grd water-am. retrospect.		
166-3	Grd water-irg retrospect.		
201-1	Droplet size spectrum		
202-1	Drift field evaluation		
171-2	Chemical identity	<i>40477401</i>	
171-3	Directions for use		
171-5	Reduction of residues		
171-4(a)	Nature of residue - plants	<i>00025540, 00031440, 00031441, 00098045, 00130257, 00198011</i>	
171-4(b)	Nature of residue - livestock	<i>00025543, 00033058, 00033070</i>	
171-4(c)	Res. analyt. method - plant	<i>00033056, 00149163, 00025544</i>	
171-4(d)	Res. analyt. method - animal	<i>00090012, 00090020, 00063832, 00072538</i>	