

23 May 2017

Office of Pesticide Programs  
Environmental Protection Agency  
1200 Pennsylvania Ave NW.  
Washington, DC 20460-0001

RE: EPA-HQ-OPP-2015-0676

This comment is being provided by the Western Integrated Pest Management Center and the Western Region IR-4 Program in response to the docket on new uses for ethaboxam – EPA-HQ-OPP-2015-0676.

The Western Integrated Pest Management Center works alongside researchers and extension educators in the Western United States to promote the development, adoption, and evaluation of integrated pest management to solve pest problems. We gather comments from a network of sources throughout the West to provide federal agencies with expert-written reports that assist the agencies in decision-making. Our comment coordinators are associated with the University of California Statewide Integrated Pest Management Program, the Oregon State University Integrated Plant Protection Center, the University of Arizona Pest Management Center and the University of Hawaii Plant and Environmental Protection Sciences Department.

The IR-4 program is a USDA NIFA granted program whose mission is to facilitate registration of sustainable pest management technology for Specialty Crops and Minor Uses. The IR-4 program is made up of four regional centers, The Environmental Toxicology Department at the University of California, Davis houses the Western Region IR-4 Program.

Integrated pest management is a science-based, ecosystem level approach to pest management using the most economical and environmentally responsible means possible. The Western IPM Center and the Western Region IR-4 Program work together to identify the level of fit for new uses within an integrated pest management program.

The proposed uses under EPA-HQ-OPP-2015-0676 are based upon previous work from the National IR-4 program (Appendix A, pages 1-11). Of these, we anticipate eventual use of ethaboxam in pepper in New Mexico where the fungicide would be used to control *Phytophthora* root rot (*P. capsici*) which can kill up to 80% of a crop within weeks. We also anticipate eventual use of ethaboxam in Western greenhouse cucumber production to control downy mildew.

Based on current IR-4 Food Use Requests (Appendix A, pages 11-15), the we anticipate that there will be future requests for use of ethaboxam in several crops that are important to the Western United States. Below is a list of the current Western Region IR-4 trials that include ethaboxam:

<b>Commodity (Crop Group)</b>	<b>Pathogen</b>	<b>Requesting State(s)</b>
Greens (Mustard) (04-16B=Brassica Leafy Greens Subgroup)	Downy mildew, Pythium	Oregon
Broccoli (05-16=Brassica Head and Stem Vegetable Group)	Peronospora parasitica, Downy mildew	Arizona, Oregon
Cabbage (05-16=Brassica Head and Stem Vegetable Group)	Peronospora parasitica, Downy mildew, Pythium	Arizona, Oregon
Pea (Dry) (06C-Dried Shelled Pea/Bean (except Soybean) Subgroup)	Aphanomyces	Idaho, North Dakota, Montana

Please contact us if further information is needed.

Sincerely,

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# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10682	ETHABOXAM (V-10208) (VALENT)	GINSENG (01AB=ROOT VEGETABLES SUBGROUPS)	NOTICE OF FILING ISSUED/PROPOSAL

A

**Reasons for need:** PYTHIUM SPECIES, PHYTOPHTHORA CACTORUM

**Requesting States:** MI

**PCR Use Pattern:** 8 FL OZ/A; BROADCAST APPLIC; MFG REQUESTS 0.25 LB AI/A (TOTAL 0.5 LB AI/A/SEASON), SOIL AND/OR FOLIAR USE AND A 2-DAY PHI

**EPA Default Residue Trials:** 5-4

**IR-4 Residue Trial Plan:** COMPLETE

**Residue Protocol Use Pattern:** USE THE V-10208 4 SC FORMULATION (4 LB AI/GAL); IN THE 2 MI TRIALS MAKE 2 BROADCAST APPLIC OF 0.25 LB AI/A AT A 7-DAY INTERVAL AND 14-DAY PHI (PROTOCOL SPECIFIES OTHER USE PATTERN DETAILS AS TO WHAT GPA, ADJUVANT TYPE, PLANT AGE AND SHADE STRUCTURE TO USE IN EACH TRIAL); IN THE 2 CANADIAN TRIALS, FOR TRT 02 MAKE 2 APPLIC OF 0.25 LB AI/A UNDER SHADE FABRIC AT A 7-DAY INTERVAL AND 14-DAY PHI; FOR TRT 03 MAKE 2 APPLIC OF THE SAME RATE AT THE SAME INTERVAL IN SPRING/EARLY SUMMER UNDER SHADE FABRIC, FOLLOWED BY 2 MORE APPLIC IN LATE SUMMER AT THE SAME SPRAY INTERVAL AT LEAST 45 DAYS AFTER THE 2ND APPLIC AND AT A 14-DAY PHI (PROTOCOL SPECIFIES OTHER USE PATTERN DETAILS AS TO WHAT GPA, ADJUVANT TYPE, PLANT AGE AND APPLIC TYPE TO USE IN EACH TRIAL)

**EPA Status:** PEND:11/14

TOMFG:07/15

MFGSUB:07/15

PROP:04/16

**EPA PRIA Date:** 06/17

**Comments:** CANADA DOING EFFICACY TRIAL IN 2011; MFG HOLD:03/11; MFG TOOK OFF HOLD - NEEDS TO BE RE-PRIORITIZED:08/11; CANADIAN INTEREST (RESIDUE DATA REQUIRED: 5-3):09/11

<u>STUDY DIRECTOR</u> <u>QA AUDITOR</u>	<u>FIELD RESEARCH</u> <u>DIRECTOR (FRD)</u>	<u>Exp.</u>	<u>FIELD ID#</u>	<u>RFC</u>	<u>TO QA</u>	<u>HQ RECD.</u>	<u>RESIDUE</u>		<u>LAB</u>	<u>PROCESSING</u>	
							<u>SHIPPED</u>	<u>LAB ID#</u>	<u>REPORT</u>	<u>ID#</u>	<u>SHIPPED</u>
XX-HOMA-HQ	Hausbeck, Dr. Mary K.		12-MI27		02/25/13	04/18/13	11/12	12-TIR07	09/14		
XX-HOMA-HQ	Hausbeck, Dr. Mary K.		12-MI28		02/25/13	04/18/13	11/12	12-TIR07	09/14		
XX-HOMA-HQ	White, Peter		12-ON28		06/26/13	09/24/13	01/13	12-TIR07	09/14		
XX-HOMA-HQ	White, Peter		12-ON29		06/26/13	11/11/13	01/13	12-TIR07	09/14		



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

<u>DATA RECD</u>	<u>PERF DATA TO MFG</u>	<u>FIELD RESEARCH DIRECTOR (FRD)</u>	<u>FIELD ID#</u>	<u>PERFORMANCE RESULTS &amp; COMMENTS</u>	<u>TRACKING#</u>
RECD		Hausbeck, Dr. Mary K.	P 10-MI-DMP	4 AND 8 FL OZ/A DRENCH; COMPLETELY PREVENTED PLANT DEATH FROM A HIGH PYTHIUM ROOT ROT PRESSURE IN A GREENHOUSE TRIAL; BETTER THAN PRESIDIO	*3246
RECD		Hausbeck, Dr. Mary K.	P 10-MI-DMP	4 AND 8 FL OZ/A DRENCH; SIGNIFICANTLY REDUCED PLANT DEATH FROM A HIGH PHYTOPHTHORA ROOT ROT PRESSURE IN A GREENHOUSE TRIAL; AT LEAST EQUAL TO PRESIDIO	*3247
RECD		Hausbeck, Dr. Mary K.	P 10-MI-DMP	4 AND 8 FL OZ/A DRENCH; SIGNIFICANTLY REDUCED PLANT DEATH FROM A HIGH PHYTOPHTHORA ROOT ROT PRESSURE IN A GREENHOUSE TRIAL; AT LEAST EQUAL TO PRESIDIO.	*3248

<u>PR#</u>	<u>CHEMICAL(MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
10650 A	ETHABOXAM (V-10208) (VALENT)	PEPPER (BELL & NONBELL) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	NOTICE OF FILING ISSUED/PROPOSAL

**Reasons for need:** DISEASES CAUSED BY OOMYCETES, PHYTOPHTHORA CAPSICI

**Requesting States:** GA FL AZ NY

**PCR Use Pattern:** 0.25 LB AI/A; FOLIAR AND/OR SOIL APPLIC; 4 APPLIC; 7-10 DAY RE-TREATMENT INTERVAL; 1-DAY PHI; DRENCH AT TRANSPLANTING, DRIP APPLIC 14 DAYS AFTER TRANSPLANTING, THEN FOLLOWED BY 2 FOLIAR SPRAYS ON A 7-10 DAY INTERVAL; MFG REQUESTS TOTAL 0.5 LB AI/SEASON AND A 2-DAY PHI

**EPA Default Residue Trials:** BELL: 2-2 3-2 5 6 10-2; NON: 2/3/5 8 9 10

**Residue Protocol Use Pattern:** USE THE V-10208 4 SC FORMULATION (4 LB AI/GAL); IN ALL BUT 5 TRIALS MAKE 2 FOLIAR APPLIC OF 0.25 LB AI/A IN 20-100 GPA WITH AN NIS OR COC ADJUVANT AT LABEL RATE, AT A 7-DAY INTERVAL AND 2-DAY PHI. IN 5 OTHER TRIALS: FOR TRT 02 MAKE 2 FOLIAR APPLIC AS ALREADY DESCRIBED; FOR TRT 03 MAKE 2 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A AT A 7-DAY INTERVAL AND 2-DAY PHI, USING ~0.5 ACRE INCHES OF WATER; AND FOR TRT 04 MAKE 1 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A IN ~0.5 ACRE INCHES OF WATER WITHIN 1 WEEK OF SEEDING /TRANSPLANTING, FOLLOWED BY 1 FOLIAR APPLIC OF 0.25 LB AI/A IN 20-100 GPA AT 2 DAYS BEFORE HARVEST, INCLUDING AN NIS OR COC ADJUVANT AT LABEL RATE

**EPA Status:** PEND:11/14  
TOMFG:07/15  
MFGSUB:07/15  
PROP:04/16

**EPA PRIA Date:** 06/17

**Comments:** MFG OK WITH GREENHOUSE USE:09/10; TOMATO IS NOT YET BEING DONE:10/10; MFG HOLD:03/11; MFG TOOK OFF HOLD - NEEDS TO BE RE-PRIORITIZED:08/11; CANADIAN INTEREST (RESIDUE DATA REQUIRED: 5-5):09/11

<u>STUDY DIRECTOR</u>	<u>FIELD RESEARCH</u>						<u>RESIDUE</u>		<u>LAB</u>	<u>PROCESSING</u>		
<u>QA AUDITOR</u>	<u>DIRECTOR (FRD)</u>	<u>Exp.</u>	<u>FIELD ID#</u>	<u>RFC</u>	<u>TO QA</u>	<u>HQ RECD.</u>	<u>SHIPPED</u>	<u>LAB ID#</u>	<u>REPORT</u>	<u>ID#</u>	<u>SHIPPED</u>	<u>REPOR</u>
XX-HOMA-HQ	Zapfen, R.		12-CA87	06/07/13	08/11/13	12/29/13	11/12	12-TIR02	08/14			
XX-HOMA-HQ	Boutwell, Brent		12-CA88	08/13/12	02/07/13	04/03/13	07/12	12-TIR02	08/14			



## IR-4 FOOD USE REQUESTS

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XX-HOMA-HQ	Boutwell, Brent	12-CA89	08/13/12	02/07/13	04/04/13	07/12	12-TIR02	08/14
XX-HOMA-HQ	Studstill, David	12-FL39	09/04/12	10/05/12	11/26/12	06/12	12-TIR02	08/14
XX-HOMA-HQ	Studstill, David	12-FL40	09/11/12	10/05/12	11/28/12	06/12	12-TIR02	08/14
XX-HOMA-HQ	Fraelich, Ben	12-GA*09		12/11/12	02/01/13	06/12	12-TIR02	08/14
XX-HOMA-HQ	Craig, Maury (NMSU)	12-NM09	12/11/12	02/01/13	04/05/13	11/12	12-TIR02	08/14
XX-HOMA-HQ	Craig, Maury (NMSU)	12-NM10	12/11/12	02/05/13	04/02/13	11/12	12-TIR02	08/14
XX-HOMA-HQ	Horst, Leona	12-OH*11	12/04/12	01/07/13	01/30/13	08/12	12-TIR02	08/14
XX-HOMA-HQ	Weber-Henricks, Mary	12-ON21		06/26/13	01/08/14	11/12	12-TIR02	08/14
XX-HOMA-HQ	White, Peter	12-ON22		07/16/13	12/19/13	10/12	12-TIR02	08/14
XX-HOMA-HQ	Jobin, Tristan	12-QC12	01/24/13	02/19/13	04/10/13	10/12	12-TIR02	08/14
XX-HOMA-HQ	Wade, Paul	12-SC*04	11/27/12	12/20/12	01/29/13	11/12	12-TIR02	08/14
XX-HOMA-HQ	Gregg, Ms. Lori	12-TX15		06/12/13	07/03/13	05/12	12-TIR02	08/14
XX-HOMA-HQ	Chapman, Scott	12-WI13	11/07/12	02/11/13	03/29/13	09/12	12-TIR02	08/14



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

<u>DATA RECD</u>	<u>PERF DATA TO MFG</u>	<u>FIELD RESEARCH DIRECTOR (FRD)</u>	<u>FIELD ID#</u>	<u>PERFORMANCE RESULTS &amp; COMMENTS</u>	<u>TRACKING#</u>
RECD		Zhang, S.	P 09-FL-DMP	0.10, 0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED A HIGH PHYTOPHTHORA BLIGHT INCIDENCE AT THE 2 HIGHER RATES; EQUAL TO PRESIDIO.	*3251
RECD		Pingsheng, J.	P 09-GA-DMP	0.10, 0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED A HIGH PHYTOPHTHORA BLIGHT SEVERITY AND INCREASED YIELD; EQUAL TO PRESIDIO	*3249
RECD		Hausbeck, Dr. Mary K.	P 09-MI-DMP	0.10, 0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED PHYTOPHTHORA BLIGHT INCIDENCE ONLY AT THE HIGHEST RATE; EQUAL TO PRESIDIO	*3253
RECD		Zhang, S.	P 10-FL-DMP	0.20 AND 0.25 LB AI/A; DID NOT SIGNIFICANTLY REDUCE A VERY HIGH PHYTOPHTHORA BLIGHT INCIDENCE; INFERIOR TO PRESIDIO	*3252
RECD		Pingsheng, J.	P 10-GA-DMP	0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED A HIGH PHYTOPHTHORA BLIGHT INCIDENCE AND INCREASED YIELD; EQUAL TO PRESIDIO	*3250
RECD		Hausbeck, Dr. Mary K.	P 10-MI-DMP	0.10, 0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED PLANT DEATH FROM A HIGH PHYTOPHTHORA BLIGHT PRESSURE ONLY AT THE HIGHEST RATE; INFERIOR TO PRESIDIO AND REVUS	*3254
RECD		Hausbeck, Dr. Mary K.	P 10-MI-DMP	0.10 AND 0.20 LB AI/A APPLIED DRENCH + DRIP OR DRENCH + SPRAY; DID NOT SIGNIFICANTLY REDUCE PLANT DEATH FROM A HIGH PHYTOPHTHORA BLIGHT PRESSURE	*3255
RECD		Ivors, K.L.	P 10-NC-DMP	0.10, 0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED PLANT DEATH FROM A HIGH PHYTOPHTHORA BLIGHT PRESSURE, AND INCREASED YIELD; EQUAL TO PRESIDIO AND REVUS	*3256
RECD		Miller, Dr. Sally Ann	P 11-OH-DMP	6.5 AND 8 FL OZ/A; CONTROL OF A SEVERE PHYTOPHTHORA BLIGHT PRESSURE INFERIOR TO PRESIDIO	*3380

<u>PR#</u>	<u>CHEMICAL(MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
10652	ETHABOXAM (V-10208) (VALENT)	CANTALOUPE (09A=MELON SUBGROUP)	NOTICE OF FILING ISSUED/PROPOSAL

A

**Reasons for need:** DISEASES CAUSED BY OOMYCETES

**Requesting States:** GA NY FL

**PCR Use Pattern:** 0.25 LB AI/A (0.5 AI TOTAL/SEASON); FOLIAR AND/OR SOIL USES; MAX 2 APPLIC PER SEASON; 2-DAY PHI

**EPA Default Residue Trials:** 2 5 6-2 10-4

**IR-4 Residue Trial Plan:** COMPLETE



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

**Residue Protocol Use Pattern:** USE THE V-10208 4 SC FORMULATION (4 LB AI/GAL); IN ALL BUT 3 TRIALS MAKE 2 FOLIAR APPLIC OF 0.25 LB AI/A IN 40-100 GPA WITH AN NIS OR COC ADJUVANT AT LABEL RATE, AT A 7-DAY INTERVAL AND 2-DAY PHI. IN 3 OTHER TRIALS: FOR TRT 02 MAKE 2 FOLIAR APPLIC AS ALREADY DESCRIBED; FOR TRT 03 MAKE 2 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A AT A 7-DAY INTERVAL AND 2-DAY PHI, USING ~0.5 ACRE INCHES OF WATER; AND FOR TRT 04 MAKE 1 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A IN ~0.5 ACRE INCHES OF WATER WITHIN 1 WEEK OF SEEDING /TRANSPLANTING, FOLLOWED BY 1 FOLIAR APPLIC OF 0.25 LB AI/A IN 40-100 GPA AT 2 DAYS BEFORE HARVEST, INCLUDING AN NIS OR COC ADJUVANT AT LABEL RATE

**Efficacy/Crop Safety**

**(E/CS) Data Required.:** NONE

**EPA Status:** PEND:12/14  
TOMFG:07/15  
MFGSUB:07/15  
PROP:04/16

**EPA PRIA Date:** 06/17

**Comments:** MFG HOLD:03/11; MFG TOOK OFF HOLD - NEEDS TO BE RE-PRIORITIZED:08/11; CANADIAN INTEREST (RESIDUE DATA REQUIRED: 5-5):09/11

STUDY DIRECTOR QA AUDITOR	FIELD RESEARCH DIRECTOR (FRD)	Exp.	FIELD ID#	RFC	TO QA	HQ RECD.	RESIDUE		LAB	PROCESSING	
							SHIPPED	LAB ID#	REPORT	ID#	SHIPPED
XX-HOMA-HQ	Stewart, D.		12-CA91	12/18/12	02/11/13	04/09/13	10/12	12-TIR04	10/14		
XX-HOMA-HQ	Boutwell, Brent		12-CA92	12/06/12	03/16/13	04/25/13	08/12	12-TIR04	10/14		
XX-HOMA-HQ	Batts, Roger B.		12-NC20	08/14/12	08/21/12	10/16/12	08/12	12-TIR04	10/14		
XX-HOMA-HQ	Craig, Maury (NMSU)		12-NM11	05/06/13	06/26/13	09/24/13	11/12	12-TIR04	10/14		
XX-HOMA-HQ	Horst, Leona		12-OH*13	12/04/12	01/07/13	02/19/13	08/12	12-TIR04	10/14		
XX-HOMA-HQ	White, Peter		12-ON26		06/26/13	09/27/13	10/12	12-TIR04	10/14		
XX-HOMA-HQ	Weber-Henricks, Mary		12-ON27		06/26/13	09/27/13	11/12	12-TIR04	10/14		
XX-HOMA-HQ	Jobin, Tristan		12-QC14	01/24/13	02/19/13	04/16/13	10/12	12-TIR04	10/14		
XX-HOMA-HQ	Wade, Paul		12-SC*06	08/24/12	09/19/12	10/22/12	07/12	12-TIR04	10/14		
XX-HOMA-HQ	Gregg, Ms. Lori		12-TX17		06/12/13	09/03/13	05/12	12-TIR04	10/14		
XX-HOMA-HQ	Chapman, Scott		12-WI15	11/07/12	02/11/13	04/04/13	09/12	12-TIR04	10/14		

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10651 A	ETHABOXAM (V-10208) (VALENT)	CUCUMBER (FIELD & GH) (09B=SQUASH/CUCUMBER SUBGROUP)	NOTICE OF FILING ISSUED/PROPOSAL

**Reasons for need:** DISEASES CAUSED BY OOMYCETES

**Requesting States:** GA AZ FL ME CA NY

**PCR Use Pattern:** 0.25 LB AI/A (0.5 AI TOTAL/SEASON); FOLIAR AND/OR SOIL USES; MAX 2 APPLIC PER SEASON; 2-DAY PHI

**EPA Default Residue Trials:** 2-3 3 5-2 6 10

**IR-4 Residue Trial Plan:** COMPLETE



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

**Residue Protocol Use Pattern:** USE THE V-10208 4 SC FORMULATION (4 LB AI/GAL); IN ALL BUT 3 TRIALS MAKE 2 FOLIAR APPLIC OF 0.25 LB AI/A IN 40-100 GPA WITH AN NIS OR COC ADJUVANT AT LABEL RATE, AT A 7-DAY INTERVAL AND 2-DAY PHI. IN 3 OTHER TRIALS: FOR TRT 02 MAKE 2 FOLIAR APPLIC AS ALREADY DESCRIBED; FOR TRT 03 MAKE 2 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A AT A 7-DAY INTERVAL AND 2-DAY PHI, USING ~0.5 ACRE INCHES OF WATER; AND FOR TRT 04 MAKE 1 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A IN ~0.5 ACRE INCHES OF WATER WITHIN 1 WEEK OF SEEDING /TRANSPLANTING, FOLLOWED BY 1 FOLIAR APPLIC OF 0.25 LB AI/A IN 40-100 GPA AT 2 DAYS BEFORE HARVEST, INCLUDING AN NIS OR COC ADJUVANT AT LABEL RATE

**Efficacy/Crop Safety**

**(E/CS) Data Required:** NONE

**EPA Status:** PEND:08/14  
 TOMFG:07/15  
 QA:04/15  
 MFGSUB:07/15  
 PROP:04/16

**EPA PRIA Date:** 06/17

**Comments:** MFG HOLD:03/11; MFG TOOK OFF HOLD - NEEDS TO BE RE-PRIORITIZED:08/11; CANADIAN INTEREST (RESIDUE DATA REQUIRED: FIELD - 5-5, GH - ANY 4):09/11

<u>STUDY DIRECTOR</u>	<u>FIELD RESEARCH</u>					<u>RESIDUE</u>	<u>LAB</u>	<u>PROCESSING</u>				
<u>QA AUDITOR</u>	<u>DIRECTOR (FRD)</u>	<u>Exp.</u>	<u>FIELD ID#</u>	<u>RFC</u>	<u>TO QA</u>	<u>HQ RECD.</u>	<u>SHIPPED</u>	<u>LAB ID#</u>	<u>REPORT</u>	<u>ID#</u>	<u>SHIPPED</u>	<u>REPOR</u>
XX-HOMA-HQ	Nield, David		12-BC10	02/01/13	07/08/13	11/11/13	12/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Ennes, D. (Kearney)		12-CA90	09/11/12	11/16/12	01/30/13	07/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Studstill, David		12-FL41	09/11/12	10/05/12	11/20/12	06/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Fraelich, Ben		12-GA*10		12/11/12	02/14/13	06/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Ross, Marylee		12-MD19	03/13/13	07/23/13	11/18/13	07/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Zandstra, Dr. Bernard H.		12-MI26	12/13/12	02/11/13	04/02/13	08/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Batts, Roger B.		12-NC19	08/14/12	09/14/12	11/13/12	06/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Horst, Leona		12-OH*12	12/04/12		03/11/13	08/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Riddle, Geoff		12-ON23		07/08/13	11/11/13	11/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Wismer, R.J.		12-ON24		07/08/13	11/11/13	11/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Riddle, Geoff		12-ON25		07/08/13	11/11/13	11/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Jobin, Tristan		12-QC13	01/24/13	02/19/13	04/12/13	10/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Wade, Paul		12-SC*05	08/31/12	09/19/12	10/26/12	08/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Gregg, Ms. Lori		12-TX16		09/05/13	12/16/13	11/12	12-TIR03	08/29/14			
XX-HOMA-HQ	Heider, Daniel J.		12-WI14	11/07/12	02/11/13	04/11/13	09/12	12-TIR03	08/29/14			





# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

<u>DATA RECD</u>	<u>PERF DATA TO MFG</u>	<u>FIELD RESEARCH DIRECTOR (FRD)</u>	<u>FIELD ID#</u>	<u>PERFORMANCE RESULTS &amp; COMMENTS</u>	<u>TRACKING#</u>
RECD		Langston, Dr. David	P 09-GA-DMP	4, 6 AND 8 FL OZ/A; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW SEVERITY; EQUAL TO PRESIDIO AT THE HIGHEST RATE, INFERIOR AT THE LOWER RATES.	*3216
RECD		Hausbeck, Dr. Mary K.	P 09-MI-DMP	0.10, 0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED A MODERATE DOWNY MILDEW PRESSURE IN A FIELD TRIAL; EQUAL TO PRESIDIO	*3239
RECD		Hausbeck, Dr. Mary K.	P 09-MI-DMP	0.10, 0.15 AND 0.20 LB AI/A; SIGNIFICANTLY REDUCED MODERATE DOWNY MILDEW AND HIGH PHYTOPHTHORA FRUIT ROT PRESSURES IN A FIELD TRIAL; EQUAL TO PRESIDIO	*3240
RECD		Vallad, Gary	P 10-FL-DMP	8 FL OZ/A; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW SEVERITY; BETTER THAN BRAVO WEATHERSTIK	*3217
RECD		Hausbeck, Dr. Mary K.	P 10-MI-DMP	0.15, 20 AND 0.25 LB AI/A; SIGNIFICANTLY REDUCED A MODERATE DOWNY MILDEW PRESSURE IN A FIELD TRIAL; EQUAL TO PRESIDIO ONLY AT THE HIGHEST RATE	*3241
RECD		Adams, M.L.	P 10-NC-DMP	V-10208 3.2F AT 10 FL OZ/A; DID NOT SIGNIFICANTLY REDUCE A SEVERE PHYTOPHTHORA BLIGHT SEVERITY.	*3219
RECD		Miller, Dr. Sally Ann	P 10-OH-DMP	V-10208 3.2FS AT 4, 6 AND 8 FL OZ/A APPLIED AS DRENCH FOLLOWED BY 5 FOLIAR APPLICATIONS; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW SEVERITY; INFERIOR TO PRESIDIO	*3218
RECD		Miller, Dr. Sally Ann	P 10-OH-DMP	0.15, 20 AND 0.25 LB AI/A; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW PRESSURE IN A FIELD TRIAL; GENERALLY INFERIOR TO PRESIDIO	*3242
RECD		Grohs, Robert	P 10-ON-DMP	112, 168 AND 224 G AI/HA; SIGNIFICANTLY REDUCED SEVERITY, BUT NOT INCIDENCE, OF A MODERATE DOWNY MILDEW PRESSURE IN A FIELD TRIAL; INFERIOR TO PRESIDIO	*3244
RECD		On-File	P 10-ON-DMP	292, 439 AND 585 ML/HA; SIGNIFICANTLY REDUCED INCIDENCE OF AND % LEAF AREA AFFECTED BY A HIGH DOWNY MILDEW PRESSURE AT THE 2 HIGHER RATES IN A FIELD TRIAL; INFERIOR TO PRESIDIO	*3245
RECD		Zhang, S.	P 11-FL-DMP	3 DIFFERENT FORMULATIONS AT 0.25 LB AI/A W/ OR W/O SILWET; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW PRESSURE IN A FIELD TRIAL; ALMOST EQUAL TO PRESIDIO	*3238
RECD		Langston, Dr. David	P 11-GA-DMP	0.15, 0.20 AND 0.25 LB AI/A; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW PRESSURE IN A FIELD TRIAL; INFERIOR TO PRESIDIO	*3237
RECD		Sanders, D.	P 11-PR-DMP	3 DIFFERENT FORMULATIONS AT 0.25 LB AI/A W/ OR W/O SILWET; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW PRESSURE IN A FIELD TRIAL; INFERIOR TO PRESIDIO	*3243
RECD		Vallad, Gary	P 13-FL-DMP	10 FL OZ/A ALTERNATED WITH BRAVO; SIGNIFICANTLY REDUCED A HIGH DOWNY MILDEW SEVERITY; BETTER THAN PRESIDIO ALT. WITH BRAVO BUT INFERIOR TO RANMAN ALT. WITH BRAVO.	*3905



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

PR#	CHEMICAL(MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10649	ETHABOXAM (V-10208) (VALENT)	SQUASH (SUMMER) (09B=SQUASH/CUCUMBER SUBGROUP)	NOTICE OF FILING ISSUED/PROPOSAL

A

**Reasons for need:** DISEASES CAUSED BY OOMYCETES

**Requesting States:** GA NY

**PCR Use Pattern:** 0.25 LB AI/A (0.5 AI TOTAL/SEASON); FOLIAR AND/OR SOIL USES; MAX 2 APPLIC PER SEASON; 2-DAY PHI

**EPA Default Residue Trials:** 1 2-2 3 5 6 10 11

**IR-4 Residue Trial Plan:** COMPLETE

**Residue Protocol Use Pattern:** USE THE V-10208 4 SC FORMULATION (4 LB AI/GAL); IN ALL BUT 3 TRIALS MAKE 2 FOLIAR APPLIC OF 0.25 LB AI/A IN 40-100 GPA WITH AN NIS OR COC ADJUVANT AT LABEL RATE, AT A 7-DAY INTERVAL AND 2-DAY PHI. IN 3 OTHER TRIALS: FOR TRT 02 MAKE 2 FOLIAR APPLIC AS ALREADY DESCRIBED; FOR TRT 03 MAKE 2 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A AT A 7-DAY INTERVAL AND 2-DAY PHI, USING ~0.5 ACRE INCHES OF WATER; AND FOR TRT 04 MAKE 1 DRIP IRRIGATION APPLIC OF 0.25 LB AI/A IN ~0.5 ACRE INCHES OF WATER WITHIN 1 WEEK OF SEEDING /TRANSPLANTING, FOLLOWED BY 1 FOLIAR APPLIC OF 0.25 LB AI/A IN 40-100 GPA AT 2 DAYS BEFORE HARVEST, INCLUDING AN NIS OR COC ADJUVANT AT LABEL RATE

**Efficacy/Crop Safety**

**(E/CS) Data Required.:** NONE

**EPA Status:** PEND:01/15  
TOMFG:07/15  
MFGSUB:07/15  
PROP:04/16

**EPA PRIA Date:** 06/17

**Comments:** MFG HOLD:03/11; MFG TOOK OFF HOLD - NEEDS TO BE RE-PRIORITIZED:08/11; CANADIAN INTEREST (RESIDUE DATA REQUIRED: 5-4 12):09/11

STUDY DIRECTOR QA AUDITOR	FIELD RESEARCH DIRECTOR (FRD)	Exp.	FIELD ID#	RFC	TO QA	HQ RECD.	RESIDUE		LAB	PROCESSING	
							SHIPPED	LAB ID#	REPORT	ID#	SHIPPED
XX-HOMA-HQ	Clodius, Markus		12-BC09	03/22/13	07/08/13	10/14/13	11/12	12-TIR01	09/14		
XX-HOMA-HQ	Boutwell, Brent		12-CA86	08/09/12	09/25/12	11/13/12	06/12	12-TIR01	09/14		
XX-HOMA-HQ	Studstill, David		12-FL38	09/04/12	09/14/12	10/25/12	06/12	12-TIR01	09/14		
XX-HOMA-HQ	Fraelich, Ben		12-GA*08		07/20/12	09/05/12	05/12	12-TIR01	09/14		
XX-HOMA-HQ	Ross, Marylee		12-MD18	02/14/13	07/25/13	10/15/13	08/12	12-TIR01	09/14		
XX-HOMA-HQ	Bellinder, Dr. Robin		12-NY16	11/13/12	02/07/13	04/04/13	08/12	12-TIR01	09/14		
XX-HOMA-HQ	Horst, Leona		12-OH*10	11/19/12	12/20/12	03/11/13	08/12	12-TIR01	09/14		
XX-HOMA-HQ	White, Peter		12-ON19		07/29/13	10/30/13	10/12	12-TIR01	09/14		
XX-HOMA-HQ	Weber-Henricks, Mary		12-ON20		07/08/13	10/30/13	11/12	12-TIR01	09/14		
XX-HOMA-HQ	Jobin, Tristan		12-QC11	01/24/13	02/19/13	05/09/13	10/12	12-TIR01	09/14		



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

<u>DATA RECD</u>	<u>PERF DATA TO MFG</u>	<u>FIELD RESEARCH DIRECTOR (FRD)</u>	<u>FIELD ID#</u>	<u>PERFORMANCE RESULTS &amp; COMMENTS</u>	<u>TRACKING#</u>
RECD		Vallad, Gary	P 10-FL-DMP	8 FL OZ/A; SIGNIFICANTLY REDUCED A SEVERE DOWNY MILDEW SEVERITY, BUT NOT COMMERCIALY ACCEPTABLE CONTROL; EQUAL TO BRAVO WEATHERSTIK.	*3221

<u>PR#</u>	<u>CHEMICAL(MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
11113 A	ETHABOXAM (V-10208) + FLUOPICOLIDE (VALENT)	POTATO (01C=TUBEROUS AND CORM VEGETABLES SUBGROUP)	NOTICE OF FILING ISSUED/PROPOSAL

Reasons for need: PINK ROT

Requesting States: WI MT

PCR Use Pattern: 8 OZ/A; 1 APPLIC AT PLANTING OR AT 2ND HILLING

EPA Default Residue Trials: 1-2 2 3 5-4 9 10 11-6

IR-4 Residue Trial Plan: COMPLETE

Residue Protocol Use Pattern: USE THE 4 SC FORMULATION OF ETHABOXAM (4.0 LB AI/GAL) AND THE PRESIDIO 4 SC FORMULATION OF FLUOPICOLIDE (4.0 LB AI/GAL); MAKE 2 APPLIC OF 0.25 LB AI OF ETHABOXAM + 0.125 LB AI OF FLUOPICOLIDE/A; FIRST APPLIC IS AN AT-PLANTING SPRAY DIRECTED INTO THE OPEN FURROW, IN 5-10 GPA; SECOND APPLIC IS A BANDED SPRAY IN 5-10 GPA TO BOTH SIDES OF THE BASE OF PLANTS, BETWEEN HILLING AND TUBER INITIATION; BOTH APPLIC SHOULD BE MADE AT THE FULL PER ACRE RATE; IN ONE TRIAL 5X RATES OF EACH AI WILL ALSO BE TESTED FOR PROCESSING

EPA Status: A=PEND:09/16  
 PEND:06/15  
 PEND:07/15  
 A=TOMFG:09/16  
 TOMFG:07/15  
 MFGSUB:07/15  
 PROP:04/16

EPA PRIA Date: 06/17

Comments: PER JOINT PROPOSAL ACCEPTED BY CHEMSAC/PMRA, NAFTA TRIALS NEEDED: 1-5, 2, 3, 5-4, 7A-2, 9, 10, 11-4, 14-2:10/12; FLUOPICOLIDE WAS ADDED TO THIS RESIDUE STUDY TO ADDRESS AN ADDITIONAL DATA REQUEST:02/13; A11113-SUB TO MANUFACTURER:09/16;

<u>STUDY DIRECTOR</u> <u>QA AUDITOR</u>	<u>FIELD RESEARCH</u> <u>DIRECTOR (FRD)</u>	<u>Exp.</u>	<u>FIELD ID#</u>	<u>RFC</u>	<u>TO QA</u>	<u>HQ RECD.</u>	<u>RESIDUE</u>		<u>LAB</u>		<u>PROCESSING</u>	
							<u>SHIPPED</u>	<u>LAB ID#</u>	<u>REPORT</u>	<u>ID#</u>	<u>SHIPPED</u>	<u>REPOR</u>
XX-HOMA-HQ	Abiola, Tola		13-AB04	04/08/14		05/12/14	11/13	13-VAL01	04/15			
XX-HOMA-HQ	Abiola, Tola		13-AB05	04/08/14		05/12/14	11/13	13-VAL01	04/15			
XX-HOMA-HQ	Ennes, D. (Kearney)		13-CA107	08/13/13	10/16/13	01/23/14	09/13	13-VAL01	04/15			
XX-HOMA-HQ	Fraelich, Ben		13-GA*18		12/29/13	02/20/14	09/13	13-VAL01	04/15			
XX-HOMA-HQ	Meeks, Mr. Will		13-ID12	01/06/14	01/22/14	02/21/14	10/13	13-VAL01	04/15	13-IDP01	09/13	RECD
XX-HOMA-HQ	Meeks, Mr. Will		13-ID13	01/06/14	01/22/14	02/20/14	10/13	13-VAL01	04/15			
XX-HOMA-HQ	Ross, Marylee		13-MD21	12/14/13	01/14/14	02/10/14	09/13	13-VAL01	04/15			



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XX-HOMA-HQ	Yarborough, Dr. Dave	13-ME01	01/27/14	02/27/14	04/10/14	10/13	13-VAL01	04/15
XX-HOMA-HQ	Hausbeck, Dr. Mary K.	13-MI29			NA	09/13	13-VAL01	DISCARD
XX-HOMA-HQ	Batts, Roger B.	13-NC18	10/14/13	11/22/13	01/28/14	09/13	13-VAL01	04/15
XX-HOMA-HQ	Ciernia, Mr. Mark	13-ND17			05/12/14		13-VAL01	DISCARD
XX-HOMA-HQ	Craig, Maury (NMSU)	13-NM17	05/06/14	06/03/14	07/07/14	09/13	13-VAL01	04/15
XX-HOMA-HQ	Peill, Heather	13-NS01	11/25/13		05/13/14	12/13	13-VAL01	04/15
XX-HOMA-HQ	Peill, Heather	13-NS02	11/25/13		05/16/14	12/13	13-VAL01	04/15
XX-HOMA-HQ	Peill, Heather	13-NS03	11/25/13		05/19/14	12/13	13-VAL01	04/15
XX-HOMA-HQ	Bellinder, Dr. Robin	13-NY18			11/18/13		13-VAL01	DISCARD
XX-HOMA-HQ	Jobin, Tristan	13-QC18	12/29/13		05/20/14	10/13	13-VAL01	04/15
XX-HOMA-HQ	Jobin, Tristan	13-QC19	12/29/13		05/20/14	10/13	13-VAL01	04/15
XX-HOMA-HQ	Ulrich, Daniel	13-SK03			12/10/14		13-VAL01	DISCARD
XX-HOMA-HQ	Ulrich, Daniel	13-SK04			12/10/14		13-VAL01	DISCARD
XX-HOMA-HQ	Groenendale, D.	13-WA27	10/14/13	11/14/13	01/27/14	09/13	13-VAL01	04/15
XX-HOMA-HQ	Harvey, John	13-WA*28	11/11/13	11/11/13	01/14/14	10/13	13-VAL01	04/15
XX-HOMA-HQ	Heider, Daniel J.	13-WI23	12/29/13	01/23/14	02/10/14	10/13	13-VAL01	04/15
XX-HOMA-HQ	Heider, Daniel J.	13-WI24	12/29/13	01/23/14	02/20/14	10/13	13-VAL01	04/15
XX-HOMA-HQ	Hausbeck, Dr. Mary K.	14-MI268			NA		13-VAL01	DISCARD
XX-HOMA-HQ	Hausbeck, Dr. Mary K.	A14-MI508		03/24/15	06/04/15	09/14	14-VAL01	08/16
XX-HOMA-HQ	Ciernia, Mr. Mark	14-ND301			NA		13-VAL01	DISCARD
XX-HOMA-HQ	Ciernia, Mr. Mark	A14-ND509	11/10/14	12/11/14	01/20/15	10/14	14-VAL01	08/16
XX-HOMA-HQ	Bellinder, Dr. Robin	14-NY326			NA		13-VAL01	DISCARD
XX-HOMA-HQ	Bellinder, Dr. Robin	A14-NY507	11/17/14	12/16/14	01/14/15	10/14	14-VAL01	08/16
XX-HOMA-HQ	Ulrich, Daniel	14-SK444			NA		13-VAL01	DISCARD
XX-HOMA-HQ	Ulrich, Daniel	14-SK445			NA		13-VAL01	DISCARD
XX-HOMA-HQ	Ulrich, Daniel	A14-SK510		07/21/15	09/09/15	12/14	14-VAL01	08/16
XX-HOMA-HQ	Ulrich, Daniel	A14-SK511		07/21/15	09/14/15	12/14	14-VAL01	08/16



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

<u>DATA RECD</u>	<u>PERF DATA TO MFG</u>	<u>FIELD RESEARCH DIRECTOR (FRD)</u>	<u>FIELD ID#</u>	<u>PERFORMANCE RESULTS &amp; COMMENTS</u>	<u>TRACKING#</u>
RECD		Gevens, A.	P 10-WI-DMP	V-10208 3.2FS + PRESIDIO 4SC AT 8 + 4 FL OZ/A ON PLAINFIELD LOAMY SAND SOIL; NO PINK ROT INCIDENCE; NO INJURY.	*3824
		Peill, Heather	P 13-NS-DMP	V-10208 AT 168, 280 OR 560 G AI/HA ALONE, AND V-10208 + PHOSTROL AT 280 G AI/HA + 5.8 L/HA IN A CONTAINER TRIAL ON CORNWALLIS LOAMY SAND SOIL; GOOD CONTROL OF LOW PINK ROT INFECTION AND SEVERITY AT THE HIGHER RATES AND COMBO W/ PHOSTROL; NO INJURY; YIELD INCREASE.	*3822
RECD		Peill, Heather	P 13-NS-DMP	V-10208 AT 168, 280 OR 560 G AI/HA ALONE, AND V-10208 + PHOSTROL AT 280 G AI/HA + 5.8 L/HA ON BERWICK SANDY LOAM SOIL; GOOD CONTROL OF A LOW PINK ROT INFECTION, HIGHEST RATE BEST V-10208 TREATMENT; NO INJURY; YIELD INCREASE.	*3823

<u>PR#</u>	<u>CHEMICAL(MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
11114	ETHABOXAM (VALENT)	POTATO (POST HARVEST) (01C=TUBEROUS AND CORM VEGETABLES SUBGROUP)	MFG WILL NOT SUPPORT

**Reasons for need:** PINK ROT, LATE BLIGHT  
**Requesting States:** WI MT  
**PCR Use Pattern:** 10 OZ/2000 LBS TUBERS; 1 POST-HARVEST TUBER TREATMENT  
**Comments:** MFG WILL NOT SUPPORT:08/12

<u>DATA RECD</u>	<u>PERF DATA TO MFG</u>	<u>FIELD RESEARCH DIRECTOR (FRD)</u>	<u>FIELD ID#</u>	<u>PERFORMANCE RESULTS &amp; COMMENTS</u>	<u>TRACKING#</u>
RECD		Gevens, A.	P 11-WI-DMP	10 FL OZ/TON TUBERS SPRAYED ON TUBERS GOING INTO STORAGE; SIGNIFICANTLY REDUCED PINK ROT INCIDENCE AND SEVERITY; EQUAL TO NON-INOCULATED CHECK	*3427

<u>PR#</u>	<u>CHEMICAL(MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
11877	ETHABOXAM (VALENT)	GREENS (MUSTARD) (04-16B=BRASSICA LEAFY GREENS SUBGROUP)	COMPLETE WITH ON-GOING TRIALS

A

**IPM Compatibility:** PER REQUESTOR: UNKOWN IPM FIT; BUT HAS LOW RISK FOR RESISTANCE DEVELOPMENT; HAS PREVENTATIVE, PERSISTENT, CURATIVE, TRANSLAMINAR AND SYSTEMIC ACTIVITY  
**Reasons for need:** DOWNY MILDEW, PYTHIUM  
**Requesting States:** OR  
**PCR Use Pattern:** USE THE INTEGO SOLO PRODUCT, A SEED TREATMENT FORM.; APPLY 8 FL OZ/A, FOLIAR OR SOIL APPLIED (UP TO 5 FOLIAR, 2 SOIL [IN-FURROW OR SHORTLY AFTER PLANTING]), 7-14 DAY INTERVAL, 3-DAY PHI  
**EPA Default Residue Trials:** 2-2 3 4 5 6 10-2  
**IR-4 Residue Trial Plan:** 2-2 3 4 5 6 10-2, 1 DECLINE TRIAL  
**Comments:** SHOULD CONSIDER BROCCOLI USE PATTERN (PR# 10680):02/16; MFG SUPPORTS, NO E/CS NEEDED:05/16



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

<u>STUDY DIRECTOR</u> <u>QA AUDITOR</u>	<u>FIELD RESEARCH</u> <u>DIRECTOR (FRD)</u>	<u>Exp.</u>	<u>FIELD ID#</u>	<u>RFC</u>	<u>TO QA</u>	<u>HQ RECD.</u>	<u>RESIDUE</u> <u>SHIPPED</u>	<u>LAB ID#</u>	<u>LAB</u> <u>REPORT</u>	<u>PROCESSING</u> <u>ID#</u>	<u>SHIPPED</u>	<u>REPOR</u>
JOLLY-HQ	Leach, Nathan		17-CA52					17-YAR02				
JOLLY-HQ	Benzen, Ms. Sharon D.		17-CA*53					17-YAR02				
JOLLY-HQ	Fraelich, Ben		17-GA*164					17-YAR02				
JOLLY-HQ	Fraelich, Ben		17-GA*165					17-YAR02				
JOLLY-HQ	Zandstra, Dr. Bernard H.		17-MI213					17-YAR02				
JOLLY-HQ	Horn, Tyler		17-MS373					17-YAR02				
JOLLY-HQ	Batts, Roger B.		17-NC231					17-YAR02				
JOLLY-HQ	Horst, Leona		17-OH*307					17-YAR02				
JOLLY-HQ	Wade, Paul		17-SC*379					17-YAR02				
JOLLY-HQ	Marconi, Cristina		17-TX405					17-YAR02				

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
10680 A	ETHABOXAM (VALENT)	BROCCOLI (05-16=BRASSICA HEAD AND STEM VEGETABLE GROUP)	COMPLETE WITH ON-GOING TRIALS

**Reasons for need:** PERONOSPORA PARASITICA/DOWNY MILDEW

**Requesting States:** AZ OR

**PCR Use Pattern:** 0.25 LB AI/A (0.5 AI TOTAL/A/SEASON); FOLIAR AND/OR SOIL USE; MAX 2 APPLIC PER SEASON; 2-DAY PHI

**EPA Default Residue Trials:** 6 10-6 12

**IR-4 Residue Trial Plan:** 1/2 6 10-6 12 (1 DECLINE)

**Residue Protocol Use Pattern:** USE THE ETHABOXAM 4 SC PRODUCT (4.0 LB AI/GAL); IN NON-BRIDGING TRIALS, MAKE 2 FOLIAR APPLIC OF 0.25 LB AI/A IN 40-100 GPA, AT A 7-DAY INTERVAL AND 2-DAY PHI; INCLUDE A LABEL RATE OF AN NIS OR COC ADJUVANT UNLESS ABSENCE OF ADJUVANT IS BEING USED TO DIFFERENTIATE MORE THAN ONE TRIAL BY THE SAME RESEARCHER; IN BRIDGING TRIALS, INCLUDE THE SAME TREATMENT AS JUST DESCRIBED, PLUS A SECOND TREATMENT WHICH INCLUDES A POST TRANSPLANT DRENCH WITH 0.012 LB AI/1000 PLANTS, FOLLOWED 7 DAYS LATER BY A DRIP APPLIC OF 0.25 LB AI/A OR A SECOND DRENCH APPLIC OF 0.012 LB AI/1000 PLANTS (SEE ACTUAL PROTOCOL FOR MUCH MORE DETAILS)

**E/CS Research Comments:** PERFORMANCE TRIAL THAT LED TO THIS PCR EVALUATED V-10208 3.2 FS, A DIFFERENT FORMULATION THAN IS BEING USED IN THE IR-4 GLP RESIDUE STUDY (THE 4 SC PRODUCT) - THE AI/A RATE REMAINS THE SAME

**Comments:** ETHABOXAM IS ALSO REPRESENTED IN OTHER IR-4 DATABASE PROJECT REQUESTS BY ITS CODE NAME V-10208:08/15

<u>STUDY DIRECTOR</u> <u>QA AUDITOR</u>	<u>FIELD RESEARCH</u> <u>DIRECTOR (FRD)</u>	<u>Exp.</u>	<u>FIELD ID#</u>	<u>RFC</u>	<u>TO QA</u>	<u>HQ RECD.</u>	<u>RESIDUE</u> <u>SHIPPED</u>	<u>LAB ID#</u>	<u>LAB</u> <u>REPORT</u>	<u>PROCESSING</u> <u>ID#</u>	<u>SHIPPED</u>	<u>REPOR</u>
LEONARD-SOR	Benzen, Ms. Sharon D.		16-CA*421	02/07/17	02/08/17	03/21/17	12/16	16-FLR09				
LEONARD-SOR	Benzen, Ms. Sharon D.		16-CA*422	01/30/17	02/03/17	03/15/17	09/16	16-FLR09				
LEONARD-SOR	Benzen, Ms. Sharon D.		16-CA*423	01/30/17	02/08/17	03/21/17	10/16	16-FLR09				
LEONARD-SOR	Ennes, D. (Kearney)		16-CA424	01/18/17			01/17	16-FLR09				



# IR-4 FOOD USE REQUESTS

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LEONARD-SOR	Leach, Nathan	16-CA425					16-FLR09
LEONARD-SOR	Batts, Roger B.	16-NC418	08/01/16	10/17/16	10/27/16	06/16	16-FLR09
LEONARD-SOR	Hamilton, Cary	16-NM426	05/09/17				16-FLR09
LEONARD-SOR	Koskela, Ms. Gina	16-OR420	03/13/17			10/16	16-FLR09
LEONARD-SOR	Marconi, Cristina	16-TX419				04/17	16-FLR09

<u>DATA RECD</u>	<u>PERF DATA TO MFG</u>	<u>FIELD RESEARCH DIRECTOR (FRD)</u>	<u>FIELD ID#</u>	<u>PERFORMANCE RESULTS &amp; COMMENTS</u>	<u>TRACKING#</u>
RECD		Matheron, Dr. Michael E.	P 10-AZ-DMP	V-10208 3.2FS AT 4, 6 AND 8 FL OZ/A; SIGNIFICANTLY REDUCED A MODERATE DOWNY MILDEW PRESSURE; EQUAL TO PRESIDIO AT THE LOWEST RATE, BETTER AT THE HIGHEST RATE	*3215

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
11870	ETHABOXAM (VALENT)	CABBAGE (05-16=BRASSICA HEAD AND STEM VEGETABLE GROUP)	COMPLETE WITH ON-GOING TRIALS

**IPM Compatibility:** PER REQUESTOR: VERY GOOD IPM FIT; IMPROVE DISEASE CONTROL AND FOR RESISTANCE MANAGEMENT; PER WSR 2016 NOMINATION COMMENT: USEFUL FOR CONTROLLING DOWNY MILDEW WITHOUT HIGH RISK FOR FUNGICIDE RESISTANCE; THIS FUNGICIDE HAS PREVENTATIVE, PERSISTENT, CURATIVE, TRANSLAMINAR AND SYSTEMIC ACTIVITY:09/16

**Reasons for need:** PERONOSPORA PARASITICA/DOWNY MILDEW AND PYTHIUM

**Requesting States:** AZ OR

**PCR Use Pattern:** MAKE 1 OR 2 FOLIAR AND/OR SOIL APPLIC OF 0.25 LB AI/A; 2-DAY PHI; FROM ME-TOO REQUEST: USE THE INTEGO SOLO PRODUCT, A SEED TREATMENT FORM.; APPLY 8 FL OZ/A, FOLIAR OR SOIL APPLIED (UP TO 5 FOLIAR, 2 SOIL (IN-FURROW OR SHORTLY AFTER PLANTING)), 7-14 DAY INTERVAL, 3-DAY PHI

**EPA Default Residue Trials:** 1-2 2 3 5 6 8 10

**IR-4 Residue Trial Plan:** 1-2 2 3 5 6 8 10, 1 DECLINE TRIAL (2 TRIALS ARE COVERED BY TASC \$\$)

**Comments:** MFG SUPPORTS, RESIDUE ONLY:03/16

<u>STUDY DIRECTOR</u>	<u>FIELD RESEARCH</u>	<u>RESIDUE</u>	<u>LAB</u>	<u>PROCESSING</u>
<u>QA AUDITOR</u>	<u>DIRECTOR (FRD)</u>	<u>SHIPPED</u>	<u>REPORT</u>	<u>ID#</u>
	<u>Exp.</u>	<u>FIELD ID#</u>	<u>LAB ID#</u>	<u>SHIPPED</u>
	<u>RFC</u>	<u>TO QA</u>	<u>REPORT</u>	<u>REPOR</u>
		<u>HQ RECD.</u>		
JOLLY-HQ	Benzen, Ms. Sharon D.	17-CA*47	17-YAR01	
JOLLY-HQ	Dittmar, Dr. Peter	17-FL139	17-YAR01	
JOLLY-HQ	Ross, Marylee	17-MD266	17-YAR01	
JOLLY-HQ	Batts, Roger B.	17-NC230	17-YAR01	
JOLLY-HQ	Fisher, Jennifer	17-NJ267	17-YAR01	
JOLLY-HQ	Hamilton, Cary	17-NM286	17-YAR01	
JOLLY-HQ	Horst, Leona	17-OH*306	17-YAR01	
JOLLY-HQ	Wade, Paul	17-SC*378	17-YAR01	
JOLLY-HQ	Marconi, Cristina	17-TX404	17-YAR01	



# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

JOLLY-HQ

Heider, Daniel J.

17-WI436

17-YAR01

PR#	CHEMICAL(MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11715	ETHABOXAM (VALENT)	PEA (DRY) (06C=DRIED SHELLED PEA/BEAN (EXCEPT SOYBEAN) SUBGROUP)	COMPLETE WITH ON-GOING TRIALS

A

**IPM Compatibility:** PER REQUESTOR: VERY GOOD IPM FIT; EFFECTIVE IN MANAGING RESISTANT POPULATIONS OF PYTHIUM SPECIES IN PULSE CROP GROWING REGIONS:08/15

**Reasons for need:** APHANOMYCES IN DRIED/FIELD PEAS, VIA SEED TREATMENT

**Requesting States:** ID ND MT

**PCR Use Pattern:** USE THE INTEGEO SOLO PRODUCT; MAKE 1 SEED TREATMENT APPLIC OF 7.5 G AI/100 KG OF SEED

**EPA Default Residue Trials:** 7-3 11/12-2

**IR-4 Residue Trial Plan:** 7-3 11/12-2; NAFTA SITES: 7-4 11 14-3

**Comments:** ETHABOXAM IS ALSO REPRESENTED IN OTHER IR-4 DATABASE PROJECT REQUESTS BY ITS CODE NAME V-10208; TO PROVIDE CONTROL AGAINST METALAXYL RESISTANT PYTHIUM, WITH SOME SIGNS OF EFFICACY AGAINST APHANOMYCES IN PEAS; INTEGEO SOLO LABEL INCLUDES LEGUME VEGETABLES, SUCCULENT OR DRIED (EXCEPT COWPEA AND FIELD PEA):08/15; POTENTIAL JOINT PROJECT WITH PMC/CANADA (CANADA IS SD; DOING 8 RESIDUE TRIALS); MAY ONLY REQUIRE 2 US TRIALS (11/12-2):09/15; CANADA INTEREST (ZONE 7-4, 14-4):10/15; PROJECT TO INCLUDE DRY PEA AND FIELD PEA, WITH SEED, VINES AND HAY SAMPLES:01/16

STUDY DIRECTOR QA AUDITOR	FIELD RESEARCH DIRECTOR (FRD)	Exp.	FIELD ID#	RFC	TO QA	HQ RECD.	RESIDUE		LAB REPORT	PROCESSING	
							SHIPPED	LAB ID#		ID#	SHIPPED
CHEN,C-CAN	Meeks, Mr. Will		16-CID126						16-UOG016		
CHEN,C-CAN	Jenks, Dr. Brian		16-CND010		03/29/17	03/21/17			16-UOG016		
CHEN,C-CAN	Ciernia, Mr. Mark		16-CND011		01/04/17	12/21/16			16-UOG016		
CHEN,C-CAN	Clay, Dr. Sharon		16-CSD008		03/27/17	03/22/17			16-UOG016		
CHEN,C-CAN	Clay, Dr. Sharon		16-CSD009		03/27/17	03/22/17			16-UOG016		
CHEN,C-CAN	Ulrich, Daniel		16-CSK013			01/27/17			16-UOG016		
CHEN,C-CAN	Ulrich, Daniel		16-CSK014			01/27/17			16-UOG016		
CHEN,C-CAN	Ulrich, Daniel		16-CSK015			01/27/17			16-UOG016		
CHEN,C-CAN	Harvey, John		16-CWA*012	01/04/17	04/18/17				16-UOG016		
	Scholz, Todd		P 15-MN-DMP								

DATA RECD	PERF DATA TO MFG	FIELD RESEARCH DIRECTOR (FRD)	FIELD ID#	PERFORMANCE RESULTS & COMMENTS	TRACKING#
		Scholz, Todd	P 15-MN-DMP	INTEGO SOLO AT 0.30 OZ/CWT MIXED WITH VARIOUS SEED TREATMENT PRODUCTS; PROMISING DATA FROM 2 TRIALS IN 2014 AND 2015 - GENERALLY PROVIDED HIGHER % EMERGENCE AND PLANTS/ACRE VS. APRON + MAXIM ST.	*3925





# IR-4 FOOD USE REQUESTS

Print Date: 5/9/2017

<u>PR#</u>	<u>CHEMICAL(MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
12075	ETHABOXAM (VALENT)	CELERY (GH TRANSPLANT, FIELD) (22B=LEAF PETIOLE VEGETABLE SUBGROUP)	UNDER EVALUATION

**IPM Compatibility:** FROM REQUESTOR: VERY GOOD IPM FIT; GROWERS ARE CURRENTLY USING INEFFECTIVE PRODUCTS, AND NO OTHER RELATED A'I'S ARE USED; WOULD BE PART OF AN IPM PROGRAM:09/16

**Reasons for need:** PYTHIUM ROOT ROT

**Requesting States:** MI

**PCR Use Pattern:** APPLY 8 FL OZ OF FORMULATED PRODUCT PER 100 GAL IN A SOIL DRENCH APPLIC TO GH SEEDLINGS, 2 APPLIC AT 14-DAY INTERVAL

**IR-4 Residue Trial Plan:** ANY 4

**Comments:** THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16

<b><u>Total # of PRs:</u></b>	12
<b><u>Total # of Trials:</u></b>	160
<b><u>Total # Chemical:</u></b>	3
<b><u>Total # Commodity:</u></b>	12