2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13271 *	CYAZOFAMID (ISK)	* RADISH (01AB=ROOT VEGETABLES SUBGROUPS)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: WE'RE REQUESTING THE CROP GROUP BECAUSE OF NEEDS FOR CLUB ROOT CONTROL IN RUTABAGA AND TURNIP, AND CAVITY SPOT IN PARSNIP. REFERENCE THE FOLLOWING PRS: PARSNIP, 13018; TURNIP, 13015; RUTABAGA, 13016

REQ STATES OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

HQ Comments:

REQUST IS FOR RADISH TO GET CROP GROUP 1B; AT 16 FL.OZ/A, CYAZOFAMID DOES NOT CONTROL CLUB ROOT. NEED CONTROL OF DOWNY MILDEW, WHITE RUST OR BLACK ROOT THAT WOULD BE ACCEPTABLE TO ADD TO THE COMMERCIAL LABEL. ISK SUGGESTS ONE SOIL INCORPORATION APPLIC RATE AT THE 0.52 LB AI/A RATE AND A SECOND FOLIAR APPLIC ON RADISH AT CARROT RATE TO CONTROL TARGETED FOLIAR DISEASES:07/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; NO ALTERNATIVES AVAILABLE; COMPATIBLE WITH CURRENT CULTURAL CONTROLS;

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13169	FLUAZAINDOLIZINE (CORTEVA)	* RADISH (01AB=ROOT VEGETABLES SUBGROUPS)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: ROOT LESION NEMATODE (P. PENETRANS) AND OTHER PLANT PARASITIC NEMATODES AFFECTING RADISH SUCH AS ROOT KNOT NEMATODE; THERE IS A NEED FOR EFFECTIVE NEMATICIDES ON RADISH

REQ STATES MI

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

MAKE AN IN-FURROW APPLIC OF 1 LB AI/A, 1-3 DAYS BEFORE PLANTING; NO OTHER USE PATTERN DETAILS PROVIDED (NEED TO MATCH THIS RADISH USE PATTERN WITH THE MFG CARROT USE PATTERN TO SUPPORT A SUBGROUP 1B TOLERANCE)

HQ Comments:

NO KEY EXPORT MARKET NOTED; ALSO KNOWN AS SALIBRO OR REKLEMEL; MFG IS DOING WORK TO ESTABLISH A TOLERANCE ON CARROT, SO IF THE SAME USE PATTERN IS USED FOR RADISH, A SUBGROUP 1B TOLERANCE MAY BE POSSIBLE, COVERING MANY OTHER COMMODITIES; MFG SUPPORTS THIS RADISH USE, ONLY RESIDUE DATA REQUIRED:08/20; EPA GREEN:08/21

Nomination Justification:

(2021 MI) ROOT LESION NEMATODE (P. PENETRANS) AND OTHER PLANT PARASITIC NEMATODES AFFECTING RADISH SUCH AS ROOT KNOT NEMATODE; THERE IS A NEED FOR EFFECTIVE NEMATICIDES ON RADISH;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; THIS IS A RELATIVELY NON-TOXIC NEMATICIDE COMPARED TO VYTDATE OR FUMIGANTS; THIS MAKES IT SAFER FOR THE APPLICATOR AND FOR BENEFICIALS:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; THIS IS A RELATIVELY NON-TOXIC NEMATICIDE COMPARED TO VYTDATE OR FUMIGANTS; THIS MAKES IT SAFER FOR THE APPLICATOR AND FOR BENEFICIALS:08/20 : Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11568	THIOPHANATE METHYL (ADAMA,NISSO,UPL NA)	* RADISH (01AB=ROOT VEGETABLES SUBGROUPS)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: MYCOSPHAERELLA CAPSELLAE (WHTE LEAF SPOT)

REQ STATES OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

1.0 LB AI/A (30 FL OZ OF TOPSIN 4.5 FL PRODUCT); 3 FOLIAR APPLIC (OVER-THE-TOP OF ACTIVELY GROWING PLANTS);14-DAY PHI

HQ Comments:

MFG HOLD:08/14; MFG CHANGED TO RESEARCHABLE, RESIDUE AND E/CS:06/19; EPA CAUTION CHANGED TO EPA HOLD:09/19; CATEGORY CHANGED BACK TO HOLD:09/19; EPA CAUTION: 08/21;

Nomination Justification:

(2021 MI) MYCOSPHAERELLA CAPSELLAE (WHTE LEAF SPOT);

IPM Comments from PCR:

FROM PCR: NEED A FRAC #1 FUNGICIDE WITH WHICH TO ROTATE OTHER CHEMISTRIES:08/14

IPM Comments from Nomination Process:

; Good Fit: FROM PCR: NEED A FRAC #1 FUNGICIDE WITH WHICH TO ROTATE OTHER CHEMISTRIES:08/14: Anthony VanWoerkom

DuToit, L.J.	P03-WA-DMP	RECD	NONE	1.5 LB PROD/A; SLIGHTLY REDUCED SEVERITY OF RING SPOT (MYCOSPHAERELLA BRASSICICOLA), BUT NOT SIGNIFICANTLY DIFFERENT FROM UNTREATED CHECK, IN A CABBAGE TRIAL

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13018	CYAZOFAMID (ISK)	PARSNIP (01AB=ROOT VEGETABLES SUBGROUPS)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: CAVITY SPOT (PYTHIUM SPP); NO LABELED OPTIONS FOR PARSNIP; E/CS DATA NEED TO BE GENERATED FOR THIS PROJECT

REQ STATES OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

USE THE RANMAN PRODUCT; APPLY PRE-PLANT INCORPORATED AND/OR VIA CHEMIGATION; RATE INDICATED AS 0.156, BUT NO UNITS; A 14-DAY INTERVAL INDICATED BUT NO # OF APPLIC; POST PCR SUBMISSION, REQUESTOR INDICATED THE USE PATTERN SHOULD BE SIMILAR TO THAT FOR CAVITY SPOT CONTROL ON CARROT

HQ Comments:

NO KEY EXPORT MARKET NOTED; THIS NEED IS FOR CAVITY SPOT LIKE CARROT, AND THE USE PATTERN WOULD BE BETTER COVERED IF THE REQUEST WAS FOR RADISH:06/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED; USE PATTERN SHOULD BE SAME AS FOR REP CROP CARROT:07/20; EPA GREEN:08/20, 08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; NO ALTERNATIVE MATERIALS LABELED FOR PARSNIP; COMPATIBLE WITH CULTURAL CONTROLS ALREADY IN USE:06/20

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13015	CYAZOFAMID (ISK)	TURNIP (ROOTS) (01AB=ROOT VEGETABLES SUBGROUPS)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: CLUB ROOT; THIS USE IS NEEDED AS LABELED MATERIALS ARE FOR TURNIP GREENS ONLY; NEED OPTIONS FOR TURNIP ROOT PRODUCTION; USE NEEDED FOR DIRECT SEEDED FIELDS; E/CS DATA NEED GENERATED FOR THIS PROJECT

REQ STATES OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

USE THE RANMAN PRODUCT; APPLY AT SEEDING; NO OTHER USE PATTERN DETAILS PROVIDED BY REQUESTOR; PER MFG: CURRENTLY RANMAN IS LABELED FOR CLUB ROOT AND DOWNY MILDEW CONTROL IN BRASSICA VEGETABLES; FOR CLUB ROOT, ONE APPLIC IS MADE AS A TRANSPLANT SOIL DRENCH OR VIA SOIL INCORPORATION (THE AI MUST BE IN THE ROOT ZONE)

HQ Comments:

NO KEY EXPORT MARKET NOTED; TOLERANCES EXIST ON GINSENG AND CARROT (DIFFERENT USE PATTERNS) AND FOR SUBGROUP 4-16B:06/20; MFG REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK:07/20; EPA GREEN:08/20

Efficacy/Crop Safety (E/CS) Data Required:

PER MFG: EFFICACY DATA NEEDS TO BE GENERATED BASED ON HOW ROOT CROP GROWERS WILL USE THE PRODUCT, BEFORE A RESIDUE PROGRAM CAN BE DESIGNED; ISK AGREES THAT 2 TRIALS IN OREGON ARE SUFFICIENT, AND SUGGESTS BOTH BE DONE WITH SOIL INCORPORATION, DIRECT-SEEDED:10/20

Nomination Justification:

(2020 CA) See previous;(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; NO ALTERNATIVE MATERIALS FOR TURNIP ROOT PRODUCTION; FIELDS WITH CLUB ROOT INOCULUM NEED LEFT OUT OF ROTATION FOR UP TO 6 YEARS; COMPATIBLE WITH CULTURAL CONTROLS ALREADY IN USE:06/20

HOMA	Ocamb, Cindy	P21-ORP04	NONE
HOMA	Ocamb, Cindy	P21-ORP05	NONE

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13194	MEFENOXAM (SYNGEN)	* LETTUCE (HEAD & LEAF) (04-16A=LEAFY GREENS SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: PYTHIUM UNCINULATUM; TO CONTROL PYTHIUM WILT

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region		Reduced Risk
				A	Yes

PCR Use Pattern:

USE RIDOMILGOLD SL PRODUCT; MAKE 1-2 SOIL APPLIED DRIP OR SHANK APPLIC; 0.5 TO 1.0 LB AI/A; RETREAT 7 DAYS; PHI 7 DAYS; APPLIC UP TO THINNING (28 DAYS AFTER SEEDING LETTUCE) OR UP TO 14 DAYS AFTER TRANSPLANTING LETTUCE SEEDLINGS; THIS USE REQUEST IS FOR A SOIL APPLIC; RATES PROPOSED HERE ARE NOT FOR FOLIAR APPLIC; MATERIAL MUST BE MOVED INTO THE ROOTZONE OF THE PLANT WITH SUFFICIENT WATER TO PROTECT ROOTS: 02/21

HQ Comments:

CANADA IS THE KEY EXPORT MARKET; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; THE MATERIAL IS USED ON AT-RISK SOIL TYPES AND ON VARIETIES THAT ARE HIGHLY SUSCEPTIBLE TO PYTHIUM WILT; RESISTANT VARIETIES CAN BE USED WHERE APPROPRIATE TO ALSO MANAGE THIS DISEASE:01/21

Smith, Dr. Richard	P20-CA-DMP	RECD	SIX FIELD TRIALS. RIDOMIL GOLD AT 2 PT/A APPLIED SOIL INCORPORATED THROUGH DRIP OR SPRAY FOLLOWED BY SPRINKLER IRRIGATION AT 2-LEAF, THINNING OR ROSETTE STAGE; SIGNIFICANTLY REDUCED WILT IN 2 OF 6 TRIALS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13345	PICARBUTRAZOX (NISSO)	* SPINACH (SEED TRT) (04-16A=LEAFY GREENS SUBGROUP)	MFG WILL NOT SUPPORT

Reasons for need: PYTHIUM SPECIES, THIRAM, A BROAD-SPECTRUM SEED TREATMENT IS BEING PHASED OUT, AND IS NO LONGER REGISTERED IN EUROPE. OUR SPINACH GROWERS ARE RELIENT ON BOTH U.S. AND EUROPEAN BASED SEED PRODUCERS FOR LARGE QUANTITIES OF SEED. SPRING MIX SPINACH IS PLANTED AT VERY HIGH DENSITIES (3-6 MILLION SEEDS PER ACRE) MAKING FOR HIGH DISEASE PRESSURES AND A THICK CANOPY.

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

VAYANTIS, 0.09 LB A.I. PER ACRE; SEED TREATMENT; 1 (SEED ONLY); PHI OF 21 DAYS; APPLY DIRECTLY TO SEED BEFORE PLANTING.COMMERCIAL SEED APPLICATION. HANDLE TREATED SEED USING APPROPRIATE PPE.

HQ Comments:

SYNGENTA SUBMITTED TO EPA IN APR 2021 WITH MAXIMUM ALLOWABLE RATE OF 0.0178 LB AI/A ON THIS PEST CROP COMBO. SYNGENTA WILL NOT SUPPORT HIGHER RATE IN THE PCR OF 0.09 LB AI/A.

Nomination Justification:

(2021 FL) With the loss of thiram-treated seed obtained from Europe, there is a need for an alternative seed treatment to control pythium disease.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; VAYANTIS IS AN EXCELLENT PARTNER FOR OTHER MODES OF ACTION COMMON ON SPINACH SEED, MEFENOXAM (APRON), FLUDIOXONIL (MAXIM), AND AZOXYSTROBIN (DYNASTY). IT IS VERY EFFICACIOUS AND WOULD PROVIDE AN IMPORTANT RESISTANCE MANAGEMENT TOOL.

IPM Comments from Nomination Process:

; Very Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12975	PYRAZIFLUMID (NAI)	LETTUCE (GH) (04-16A=LEAFY GREENS SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: BROAD SPECTRUM, SYSTEMIC FUNGICIDE (SDHI); ALTERNARIA, POWDERY MILDEW, SCLEROTINIA; HIGHER BIOLOGICAL ACTIVITY COMPARED TO OTHER FRAC 7 FUNGICIDES AND LOWER RATES; SOFT ON BENEFICIALS USED BY GH INDUSTRY

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

MAKE 2 FOLIAR APPLIC (AND DRIP IF MFG SUPPORTS) OF 75 G AI/HA, 7-DAY INTERVAL, 1-DAY PHI

HQ Comments:

CANADA NOTED AS A KEY EXPORT MARKET:03/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED; MFG IS PURSUING REGISTRATION ON OUTDOOR LETTUCE IN THE US:05/20

Nomination Justification:

(2021 FL) High powdery mildew, sclerotinia pressure in Central FL in the greenhouse; need for efficacious products.;

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT; THIS MATERIAL IS VERY COMPATIBLE FOR USE IN GH LETTUCE; THERE IS SAFETY TO BENEFICIALS:03/20

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11473	PYRIOFENONE (ISK)	LETTUCE (GH) (04-16A=LEAFY GREENS SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED

REQ STATES TX CA UT ME NY IL

NorthEast Region		NorthCentral Region		Southern Region		Western Region		Reduced Risk
	A		A		A		A	

PCR Use Pattern:

USE PATTERN INFORMATION IS STILL BEING DETERMINED BY THE MFG; UP TO A 3-DAY PHI:07/14; FOR USE PATTERN, MFG REQUESTS THE FOLLOWING - MAKE 3 FOLIAR APPLIC OF THE 5 FL OZ/A RATE, OR 4 APPLIC OF THE 4 FL OZ/A RATE; 7-10 DAY OR 14-DAY INTERVAL AS NEEDED TO MAINTAIN DISEASE CONTROL, STARTING WHEN 1ST TRUE LEAF HAS EMERGED OR WHEN DISEASE FIRST APPEARS:09/15

HQ Comments:

MFG IS PURSUING FIELD-GROWN LETTUCE, BUT NOT GH; MFG MAY PROVIDE $ HELP:07/14; CURRENTLY FOR PRODUCTION ONLY; MFG ASSESSING IF USE ON TRANSPLANTS FOR THE RETAIL MARKET IS SUPPORTABLE:09/14; MFG HAS SUFFICIENT E/CS DATA TO SUPPORT ONLY RESIDUE DATA NEEDED:07/15; EPA GREEN:09/18; PER CHEMSAC APPROVAL OF AN IR-4 PROPOSAL, NO GH TRIALS ARE REQUIRED ON HEAD LETTUCE:12/18; EPA GREEN:09/19 & 08/20, 08/21

Nomination Justification:

(2014 CA) Needed for powdery mildew resistance management. GH lettuce a new and growing commodity.;(2014 FL) Rated 2nd highest need for GH grown lettuce by GH group (MSF);(2015 CA) Efficacy data for pyriofenone under the experimental number IKF-309. There is excellent data for powdery mildew on lettuce from Arizona and grape powdery mildew in California. The data for powdery mildew on various cucurbits ranges from poor to fair. A 2012 EPA document suggested a 28 day PHI for pyriofenone on grape (and the trade name Property 300 SC) but this request has 3 day. If need a 28 day PHI will it be useful in the GH?;(2015 FL) Request from GH growers industry (M. Bledsoe, TX);(2015 FL) A-2;(2016 CA) See previous comments;(2016 MD) see previous comments;(2016 FL) Refer to previous;(2016 NY) Important need in NE;(2018 FL) POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED
;(2018 MD) Important need in NE;(2018 FL) POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2018 MI) MFG IS PURSUING FIELD-GROWN LETTUCE, BUT NOT GH; MFG MAY PROVIDE $ HELP:07/14; CURRENTLY FOR PRODUCTION ONLY; MFG ASSESSING IF USE ON TRANSPLANTS FOR THE RETAIL MARKET IS SUPPORTABLE:09/14; MFG HAS SUFFICIENT E/CS DATA TO SUPPORT ONLY RESIDUE DATA NEEDED:07/15, POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2018 MI) MFG IS PURSUING FIELD-GROWN LETTUCE, BUT NOT GH; MFG MAY PROVIDE $ HELP:07/14; CURRENTLY FOR PRODUCTION ONLY; MFG ASSESSING IF USE ON TRANSPLANTS FOR THE RETAIL MARKET IS SUPPORTABLE:09/14; MFG HAS SUFFICIENT E/CS DATA TO SUPPORT ONLY RESIDUE DATA NEEDED:07/15, POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2019 MI) (2014 CA) Needed for powdery mildew resistance management. GH lettuce a new and growing commodity.;(2014 FL) Rated 2nd highest need for GH grown lettuce by GH group (MSF);(2015 CA) Efficacy data for pyriofenone under the experimental number IKF-309. There is excellent data for powdery mildew on lettuce from Arizona and grape powdery mildew in California. The data for powdery mildew on various cucurbits ranges from poor to fair. A 2012 EPA document suggested a 28 day PHI for pyriofenone on grape (and the trade name Property 300 SC) but this request has 3 day. If need a 28 day PHI will it be useful in the GH?;(2015 FL) Request from GH growers industry (M. Bledsoe, TX);(2015 FL) A-2;(2016 CA) See previous comments;(2016 MD) see previous comments;(2016 FL) Refer to previous;(2016 NY) Important need in NE;(2018 FL) POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED ;(2018 MD) Important need in NE;(2018 FL) POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2018 MI) MFG IS PURSUING FIELD-GROWN LETTUCE, BUT NOT GH; MFG MAY PROVIDE $ HELP:07/14; CURRENTLY FOR PRODUCTION ONLY; MFG ASSESSING IF USE ON TRANSPLANTS FOR THE RETAIL MARKET IS SUPPORTABLE:09/14; MFG HAS SUFFICIENT E/CS DATA TO SUPPORT ONLY RESIDUE DATA NEEDED:07/15, POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2018 MI) MFG IS PURSUING FIELD-GROWN LETTUCE, BUT NOT GH; MFG MAY PROVIDE $ HELP:07/14; CURRENTLY FOR PRODUCTION ONLY; MFG ASSESSING IF USE ON TRANSPLANTS FOR THE RETAIL MARKET IS SUPPORTABLE:09/14; MFG HAS SUFFICIENT E/CS DATA TO SUPPORT ONLY RESIDUE DATA NEEDED:07/15, POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;
;(2019 FL) CURRENTLY NO EFFECTIVE PRODUCTS AVAILABLE FOR POWDERY MILDEW IN GH;(2019 MD) soft on beneficials;(2019 CA) Greenhouse industry request. See requester comments.;(2020 CA) See previous;(2020 FL) Needed for resistance management;(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous.;(2021 MI) (2014 CA) Needed for powdery mildew resistance management. GH lettuce a new and growing commodity.;(2014 FL) Rated 2nd highest need for GH grown lettuce by GH group (MSF);(2015 CA) Efficacy data for pyriofenone under the experimental number IKF-309. There is excellent data for powdery mildew on lettuce from Arizona and grape powdery mildew in California. The data for powdery mildew on various cucurbits ranges from poor to fair. A 2012 EPA document suggested a 28 day PHI for pyriofenone on grape (and the trade name Property 300 SC) but this request has 3 day. If need a 28 day PHI will it be useful in the GH?;(2015 FL) Request from GH growers industry (M. Bledsoe, TX);(2015 FL) A-2;(2016 CA) See previous comments;(2016 MD) see previous comments;(2016 FL) Refer to previous;(2016 NY) Important need in NE;(2018 FL) POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED ;(2018 MD) Important need in NE;(2018 FL) POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2018 MI) MFG IS PURSUING FIELD-GROWN LETTUCE, BUT NOT GH; MFG MAY PROVIDE $ HELP:07/14; CURRENTLY FOR PRODUCTION ONLY; MFG ASSESSING IF USE ON TRANSPLANTS FOR THE RETAIL MARKET IS SUPPORTABLE:09/14; MFG HAS SUFFICIENT E/CS DATA TO SUPPORT ONLY RESIDUE DATA NEEDED:07/15, POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2018 MI) MFG IS PURSUING FIELD-GROWN LETTUCE, BUT NOT GH; MFG MAY PROVIDE $ HELP:07/14; CURRENTLY FOR PRODUCTION ONLY; MFG ASSESSING IF USE ON TRANSPLANTS FOR THE RETAIL MARKET IS SUPPORTABLE:09/14; MFG HAS SUFFICIENT E/CS DATA TO SUPPORT ONLY RESIDUE DATA NEEDED:07/15, POWDERY MILDEW - DISEASE IS NOT BEING MANAGED ADEQUATELY WITH FUNGICIDES CURRENTLY REGISTERED;(2019 MI) (2014 CA) Needed for powdery mildew resistance management. GH lettuce a new and growing commodity.;(2014 FL) Rated 2nd highest need for GH grown lettuce by GH group (MSF);(2015 CA) Efficacy data for pyriofenone under the experimental number IKF-309. There is excellent data for powdery mildew on lettuce from Arizona and grape powdery mildew in California. The data for powdery mildew on various cucurbits ranges from poor to fair. A 2012 EPA document suggested a 28 day PHI for pyriofenone on grape (and the trade name Property 300 SC) but this request has 3 day. If need a 28 day PHI will it be useful in the GH?;(2015 FL) Request from GH growers industry (M. Bledsoe, TX);(2015 FL) A-2;(2016 CA) See pre;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD FIT IN IPM; SOFT ON BIOLOGICAL CONTROL AGENTS:07/14; PER WSR/SOR NOMINATION COMMENTS: LOOKS PROMISING IN IPM; NON-TARGET TOXICITY IS LOW; PER 2019 NER NOMINATION COMMENT: VERY GOOD FIT; NEEDED FOR RESISTANCE MANAGEMENT

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross; Very Good Fit: PER REQUESTOR: VERY GOOD FIT IN IPM; SOFT ON BIOLOGICAL CONTROL AGENTS:07/14; PER WSR/SOR NOMINATION COMMENTS: LOOKS PROMISING IN IPM; NON-TARGET TOXICITY IS LOW; PER 2019 NER NOMINATION COMMENT: VERY GOOD FIT; NEEDED FOR RESISTANCE MANAGEMENT: Anthony VanWoerkom

	Hobbs, Raquel	P15-CA-DMP	RECD	NONE	30 SC AT 4 AND 5 FL OZ/A APPLIED EVERY WEEK, OR 5 FL OZ/A APPLIED EVERY OTHER WEEK; GOOD CONTROL OF A LOW POWDERY MILDEW PRESSURE; EQUAL TO RALLY/QUADRIS ALTERNATED WEEKLY.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13113	AZOXYSTROBIN (SYNGEN)	GREENS (MUSTARD) (GH TRANSPLANT) (04-16B=BRASSICA LEAFY GREENS SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SOIL-BORNE PATHOGENS; THERE ARE NO OTHER PRODUCTS REGISTERED; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON VEGETABLE TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER TX ME-TOO REQUEST: NEED EFFECTIVE OPTIONS FOR GH GREENS TRANSPLANTS; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION

REQ STATES MI NY FL IN TX IA CA AL CT TN NH OH

NorthEast Region	B	NorthCentral Region	A	Southern Region	Western Region

Reduced Risk Yes

PCR Use Pattern:

USE THE HERITAGE PRODUCT; MAKE 2-3 DRENCH APPLIC, 7-14 DAY INTERVAL, 0-2 DAY PHI; RATE TO BE DETERMINED WITH THE MFG; APPLY WHILE IN THE PLUG, APPLY AT TRANSPLANT AND FOLLOWING TRANSPLANTING

HQ Comments:

ORIGINAL REQUEST WAS FOR GH BRASSICA TRANSPLANTS, AND IT WAS SPLIT INTO THREE REQUESTS, FOR THE 4-16B SUBGROUP REP CROP MUSTARD GREENS AND CROP GROUP 5-16 REP CROPS BROCCOLI (PR# 13111) AND CABBAGE (PR# 13112); NO EXPORT MARKET NOTED; THERE IS A TOLERANCE, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) There is no product registered for use against root rots;(2021 MI) Transplants for homeowner is a growth industry but there are few fungicides registered. This use would be helpful for both root rots and foliar diseases.;(2021 MI) SOIL-BORNE PATHOGENS; THERE ARE NO OTHER PRODUCTS REGISTERED; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON VEGETABLE TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER TX ME-TOO REQUEST: NEED EFFECTIVE OPTIONS FOR GH GREENS TRANSPLANTS; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; FUNGICIDE RESISTANCE IS UNLIKELY AS THE HOMEOWNER WHO PURCHASES THE TRANSPLANT CANNOT APPLY THE SAME FUNGICIDE IN THE HOME GARDEN:07/20; PER 2020 NCR NOMINATION COMMENT: SINCE FUNGICIDES WILL BE APPLIED ONLY IN THE GREENHOUSE, IT IS UNLIKELY THAT PATHOGEN RESISTANCE WILL OCCUR:08/20

IPM Comments from Nomination Process:

; Good Fit: Since fungicides would not be used past the greenhouse production phase, pathogen resistance would not be a significant risk.: Mary Hausbeck; Good Fit: Good Fit: Since fungicides would not be used past the greenhouse production phase, pathogen resistance would not be a significant risk.: Mary Hausbeck: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13112	AZOXYSTROBIN (SYNGEN)	CABBAGE (GH TRANSPLANT) (05-16=BRASSICA HEAD AND STEM VEGETABLE GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SOIL-BORNE PATHOGENS; THERE ARE NO OTHER PRODUCTS REGISTERED; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON VEGETABLE TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION

REQ STATES MI NY FL IN IA CA AL CT TN NH OH

NorthEast Region	B	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk	Yes

PCR Use Pattern:

USE THE HERITAGE PRODUCT; MAKE 2-3 DRENCH APPLIC, 7-14 DAY INTERVAL, 0-2 DAY PHI; RATE TO BE DETERMINED WITH THE MFG; APPLY WHILE IN THE PLUG, APPLY AT TRANSPLANT AND FOLLOWING TRANSPLANTING

HQ Comments:

ORIGINAL REQUEST WAS FOR GH BRASSICA TRANSPLANTS, AND IT WAS SPLIT INTO THREE REQUESTS, FOR THE 4-16B SUBGROUP REP CROP MUSTARD GREENS (PR# 13113) AND CROP GROUP 5-16 REP CROPS BROCCOLI (PR# 13111) AND CABBAGE; NO EXPORT MARKET NOTED; THERE IS A TOLERANCE, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) There is no fungicide currently registered to protect against root rot for use in the greenhouse.;(2021 MI) Few fungicides are registered for use on greenhouse transplants, especially for the industry the services the home gardener even though this has become a growth industry.;(2021 MI) SOIL-BORNE PATHOGENS; THERE ARE NO OTHER PRODUCTS REGISTERED; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON VEGETABLE TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; FUNGICIDE RESISTANCE IS UNLIKELY AS THE HOMEOWNER WHO PURCHASES THE TRANSPLANT CANNOT APPLY THE SAME FUNGICIDE IN THE HOME GARDEN:07/20; PER 2020 NCR NOMINATION COMMENT: SINCE FUNGICIDES WILL BE APPLIED ONLY IN THE GREENHOUSE, IT IS UNLIKELY THAT PATHOGEN RESISTANCE WILL OCCUR:08/20

IPM Comments from Nomination Process:

; Good Fit: Since the fungicide will not be used once the transplant is sold, the risk of pathogen resistance is low.: Mary Hausbeck; Good Fit: ; Good Fit: Since the fungicide will not be used once the transplant is sold, the risk of pathogen resistance is low.: Mary Hausbeck: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13298 *	AZOXYSTROBIN + REYNOUTRIA SACHALINENSIS (VIVE)	TOMATO (GH) (08-10A=TOMATO SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: POWDERY MILDEW, THERE ARE VERY FEW M PRODUCTS TO CONTROL LEVULLIA. THIS IS A DIFFICULT TO CONTROL PATHOGEN.

REQ STATES FL

NorthEast Region	A	NorthCentral Region	A	Southern Region	A	Western Region	A	Reduced Risk

PCR Use Pattern:

AZTERKNOT, 5.9-7.4 FL. OZ./A; APPLIED FOLIARLY WITH 4-6 APPLICATIONS AND A RE-TREATMENT INTERVAL OF 7-14 DAYS; PHI OF 0-1 DAY; USE AS DIRECTED ON THE LABEL

HQ Comments:

LABEL HAS THE CROP AND USE SITE REGISTERED; NEED TO GENERATE EFFICACY ON THE PATHOGEN TO ADD IT TO THE LABEL.

Nomination Justification:

(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) Few effective products for powdery mildew control.;(2021 MI) POWDERY MILDEW, THERE ARE VERY FEW M PRODUCTS TO CONTROL LEVULLIA. THIS IS A DIFFICULT TO CONTROL PATHOGEN;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THERE ARE NO EFFECTS ON OUR BENEFICIALS AND THE COMBINATION IS PERFECT OF OUR USE. COMBINATION GOOD FOR RESISTANT MANAGEMENT. NO SIDE EFFECT ON CROP GROWTH.

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross; Very Good Fit: See requestor comments.: Janine Spies; Very Good Fit: PER REQUESTOR VERYGOODFIT, THERE ARE NO EFFECTS ON OUR BENEFICIALS AND THE COMBINATION IS PERFECT OF OUR USE. COMBINATION GOOD FOR RESISTANT MANAGEMENT. NO SIDE EFFECT ON CROP GROWTH.: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10830	CYFLUFENAMID (GOWAN,NISSO)	TOMATO (GH) (08-10A=TOMATO SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT; PER NY ME-TOO REQUEST: THIS IS AN IMPORTANT DISEASE IN HIGH TUNNELS AND GREENHOUSES IN THE NORTHEAST

REQ STATES TX AZ MI ME NY

NorthEast Region		NorthCentral Region		Southern Region		Western Region		Reduced Risk
	A				A			

PCR Use Pattern:

PER LABEL DOSAGE RATE; 4 FOLIAR APPLIC; 14-DAY RE-TREATMENT INTERVAL; 3-DAY PHI; 0-2 DAY PHI MAY BE PREFERRED

HQ Comments:

MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17; EPA GREEN:09/18 & 09/19 & 08/20, 08/21

Nomination Justification:

(2017 FL) Request by GH industry;(2017 MD) translaminar and vapor action;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17,POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17, POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;(2019 MI) (2017 FL) Request by GH industry;(2017 MD) translaminar and vapor action;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17,POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17, POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;;(2020 MI) (2017 FL) Request by GH industry;(2017 MD) translaminar and vapor action;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17,POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17, POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;(2019 MI) (2017 FL) Request by GH industry;(2017 MD) translaminar and vapor action;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17,POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;(2018 MI) MFG WILL NOT SUPPORT:07/11; NISSO IS NOW SUPPORTING GH USES WITH THIS AI; COLLECT CROP SAFETY DATA FROM RESIDUE TRIALS:06/17; MFG ALSO REQUIRES E/CS DATA:09/17, POWDERY MILDEW; NEED ROTATION PRODUCTS FOR RESISTANCE MANAGEMENT;;;(2021 MD) see previous comments;(2021 FL) Unique FRAC Group.;

IPM Comments from PCR:

FROM 2017 SOR NOMINATION: GOOD FIT IN IPM; GOOD CANDIDATE FOR RESISTANCE MANAGEMENT

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross; Very Good Fit: GOOD FIT IN IPM; GOOD CANDIDATE FOR RESISTANCE MANAGEMENT: Michael Bledsoe

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11331	DIFENOCONAZOLE + AZOXYSTROBIN (SYNGEN)	TOMATO (GH) (08-10A=TOMATO SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: ANTHRACNOSE, GREY LEAF SPOT, POWDERY MILDEW

REQ STATES FL AZ CA ME UT LA KY MS MI NC NY

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A	A	A	A	

PCR Use Pattern:

MAKE FOLIAR APPLIC OF 8-14 FL OZ/A OF QUADRIS TOP PRODUCT, AT 7-10 DAY INTERVAL AND 0-DAY PHI; DO NOT EXCEED 55.3 FL OZ/SEASON

HQ Comments:

IS LABELED FOR TOMATOES, WHICH DOES NOT EXCLUDE GH USE, BUT GH-SPECIFIC LABEL IS NEEDED:08/13; MFG SUPPORTS, AND REQUESTS DFU'S NEED TO BE SAME AS LABEL FOR FIELD USE AND MRL'S CAN'T BE CHANGED:09/13; EPA GREEN:09/18; NEED TO EXPLORE IF THERE IS EUROPEAN OR CANADIAN GH RESIDUE DATA THAT COULD BE USED TO SUPPORT A U.S. GH LABEL:09/18; MFG ADDED NEED FOR E/CS DATA:09/19; EPA CAUTION:08/20; EPA GREEN (BOTH):08/21; SYNGENTA SUPPORTS THIS USE REQUEST ON GH TOMATOES FOR PRODUCTION ONLY; 09/21

Efficacy/Crop Safety (E/CS) Data Required:

CROP SAFETY OBSERVATIONS FROM RESIDUE TRIALS WILL BE SUFFICIENT:05/17

Nomination Justification:

(2014 FL) Interest from GH group;(2014 NY) Important needs.;(2016 CA) See previous comments and IPM comment.;(2016 MI) broad spectrum for GH;(2016 FL) Needed to control diseases of GH tomatoes which include anthracnose, grey leaf spot and PM;(2016 FL) Refer to previous;(2016 MD) see previous comments;(2017 MD) need mixture for control of difficult diseases and help with resistance management;(2018 FL) ANTHRACNOSE, GREY LEAF SPOT, POWDERY MILDEW (LEVILLULA, THE FOLIAR PM THAT GOES RIGHT THROUGH THE LEAF); FUNGAL FOLIAR DISEASES ARE NOTORIOUSLY DIFFICULT TO CONTROL IN GH TOMATO PRODUCTION, SO HAVING THIS TOOL IS HELPFUL; THE MIXTURE OF TWO NEWER A.I.S HELPS WITH RESISTANCE MANAGEMENT FOR THIS POTENTIALLY-YEAR-ROUND CROPPING SYSTEM; KY producers currently use a not-prohibited for greenhouse use option for tomato disease management in greenhouses with these AIs; With the inclusion of a difenoconazole + azoxystrobin premixed product, a greenhouse grower could attain as many as 16 systemic fungicide applications per year in alternation with only two other products, while utilizing 5 different fungicide modes of action. Since some KY tomato producers are approaching year-round production in greenhouses, the premixed option not only allows for more reliable fungicide resistance management (in concert with other modes of action), but extends their crops' maximum productivity in the presence of pathogens that overwinter on-site
;(2018 MD) (2014 FL) Interest from GH group;(2014 NY) Important needs.;(2016 CA) See previous comments and IPM comment.;(2016 MI) broad spectrum for GH;(2016 FL) Needed to control diseases of GH tomatoes which include anthracnose, grey leaf spot and PM;(2016 FL) Refer to previous;(2016 MD) see previous comments;(2017 MD) need mixture for control of difficult diseases and help with resistance management;(2018 FL) ANTHRACNOSE, GREY LEAF SPOT, POWDERY MILDEW (LEVILLULA, THE FOLIAR PM THAT GOES RIGHT THROUGH THE LEAF); FUNGAL FOLIAR DISEASES ARE NOTORIOUSLY DIFFICULT TO CONTROL IN GH TOMATO PRODUCTION, SO HAVING THIS TOOL IS HELPFUL; THE MIXTURE OF TWO NEWER A.I.S HELPS WITH RESISTANCE MANAGEMENT FOR THIS POTENTIALLY-YEAR-ROUND CROPPING SYSTEM; KY producers currently use a not-prohibited for greenhouse use option for tomato disease management in greenhouses with these AIs; With the inclusion of a difenoconazole + azoxystrobin premixed product, a greenhouse grower could attain as many as 16 systemic fungicide applications per year in alternation with only two other products, while utilizing 5 different fungicide modes of action. 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IPM Comments from PCR:

PER SOR NOMINATION COMMENT: DOES NOT CONFLICT WITH BENEFICIALS; PER WSR, SOR, NER 2016 NOMINATION COMMENTS: GOOD TO VERY GOOD IPM FIT; FUNGAL FOLIAR DISEASES ARE NOTORIOUSLY DIFFICULT TO CONTROL IN GH TOMATO PRODUCTION, SO HAVING THIS TOOL IS HELPFUL; THE MIXTURE OF TWO NEWER AIs HELPS WITH RESISTANCE MANAGEMENT FOR THIS POTENTIALLY-YEAR-ROUND CROPPING SYSTEM; IN FAVOR OF LABEL SPECIFICITY FOR PERMISSION TO USE IN A GH; KOPPERT SIDE EFFECTS DOES NOT LIST THIS AS HAVING ANY EFFECT ON BOMBIDS, ENCARSIA, AND ERETMOCERUS SPP., MAKING THIS A GOOD FIT FOR THE GH INDUSTRY:09/16

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross; Very Good Fit: PER SOR NOMINATION COMMENT: DOES NOT CONFLICT WITH BENEFICIALS; PER WSR, SOR, NER 2016 NOMINATION COMMENTS: GOOD TO VERY GOOD IPM FIT; FUNGAL FOLIAR DISEASES ARE NOTORIOUSLY DIFFICULT TO CONTROL IN GH TOMATO PRODUCTION, SO HAVING THIS TOOL IS HELPFUL; THE MIXTURE OF TWO NEWER AIs HELPS WITH RESISTANCE MANAGEMENT FOR THIS POTENTIALLY-YEAR-ROUND CROPPING SYSTEM; IN FAVOR OF LABEL SPECIFICITY FOR PERMISSION TO USE IN A GH; KOPPERT SIDE EFFECTS DOES NOT LIST THIS AS HAVING ANY EFFECT ON BOMBIDS, ENCARSIA, AND ERETMOCERUS SPP., MAKING THIS A GOOD FIT FOR THE GH INDUSTRY:09/16: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12671 *	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	TOMATO (GH) (08-10A=TOMATO SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: FUSARIUM; VERY LIMITED NUMBER OF FUNGICIDES REGISTERED FOR FUSARIUM CONTROL ON GH TOMATO; PER ME-TOO REQUEST FROM ME: FUSARIUM IS BECOMING A BIGGER PROBLEM IN THE GH

REQ STATES TX MT MS NC CA ME

NorthEast Region		NorthCentral Region		Southern Region		Western Region		Reduced Risk
	A				A		A	

PCR Use Pattern:

USE THE MIRAVIS PRIME PRODUCT; MAKE TWO DRENCH APPLIC OF 125 G AI/HA, 14-DAY INTERVAL, 0-DAY PHI

HQ Comments:

CANADA IS NOTED AS A KEY EXPORT MARKET; NEED TO EXPLORE USE OF EXISTING RESIDUE STUDIES IN CANADA ON EACH AI SEPARATELY TO COVER THE NEED IN THE U.S.; ALSO, SEE PR# 11878 (PYDIFLUMETOFEN/GH TOMATO) AND 12010 (FLUDIOXONIL/GH TOMATO); USE PATTERN MUST BE CONSISTENT FOR BOTH COUNTRIES (DRENCH VS FOLIAR DATA, # OF APPLIC, INTERVAL AND PHI, ETC.):01/19; CANADIAN GH STUDY IS FOLIAR ONLY, WHICH WILL NOT COVER THIS FUSARIUM REQUEST; MFG SUPPORTS USE OF ONLY PYDIFLU SOLO PRODUCT IN GH, NOT MIXED WITH FLUDI:05/19; EPA GREEN (BOTH):09/19; MFG ADDED THE NEED FOR E/CS DATA:09/19; EPA GREEN (BOTH):08/20, 08/21

Efficacy/Crop Safety (E/CS) Data Required:

IF RESIDUES NOT NEEDED, SOME EFFICACY DATA WOULD BE NEEDED, ESPECIALLY FOR CA:09/20

Nomination Justification:

(2019 NC) International interest;(2020 FL) No products available for fusarium control.;(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; USE PATTERN FOR THE FUNGICIDE WOULD BE AS A DRENCH SO IMPACT ON BIOLOGICAL CONTROL AGENTS IS EXPECTED TO BE MINIMAL

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13289	GF-4031 (CORTEVA)	TOMATO (GH) (08-10A=TOMATO SUBGROUP)	UNDER EVALUATION

Reasons for need: POWDERY MILDEW; ROTATIONAL PRODUCT FOR RESISTANCE MANAGEMENT, THIS PRODUCT IS A UNIQUE FRAC GROUP PER CORTEVA PRESENTATION (IR-4 2021)

REQ STATES FL

NorthEast Region		NorthCentral Region	Southern Region		Western Region	Reduced Risk
	A			A		

PCR Use Pattern:

GF-4031, 35 -50 G AI/HA, 0.03-0.04 LB AI/A; 20G/L EC; APPLIED FOLIARLY WITH 3 APPLICATIONS AND A 7 DAY RETREATMENT INTERVAL; 0-1 DAY PHI;

Nomination Justification:

(2021 FL) Few products available for powdery mildew control.;(2021 MD) PM is important disease of tomato in high tunnels and GHs in the NE.;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, NEW FRAC GROUP AND NOT EXPECTED TO BE HARMFUL TO BENEFICIALS.

IPM Comments from Nomination Process:

; Very Good Fit: per requestor: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12978	PYRAZIFLUMID (NAI)	TOMATO (GH) (08-10A=TOMATO SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: BROAD SPECTRUM, SYSTEMIC FUNGICIDE (SDHI); ALTERNARIA, POWDERY MILDEW, SCLEROTINIA; HIGHER BIOLOGICAL ACTIVITY COMPARED TO OTHER FRAC 7 FUNGICIDES AND LOWER RATES; SOFT ON BENEFICIALS USED BY GH INDUSTRY; PER NY ME-TOO REQUEST: POWDERY MILDEW AND SCLEROTINIA ARE IMPORTANT DISEASES IN HIGH TUNNELS AND GREENHOUSES IN THE NORTHEAST

REQ STATES FL CA NY MS

NorthEast Region		NorthCentral Region		Southern Region		Western Region		Reduced Risk
	A				A			

PCR Use Pattern:

MAKE 2 FOLIAR APPLIC (AND DRIP IF MFG SUPPORTS) OF 75 G AI/HA, 7-DAY INTERVAL, 0-DAY PHI

HQ Comments:

CANADA NOTED AS A KEY EXPORT MARKET:03/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED; MFG IS PURSUING REGISTRATION ON OUTDOOR TOMATOES IN THE US:05/20

Nomination Justification:

(2020 CA) See previous;(2021 MD) see previous comments;(2021 FL) Broad spectrum control and systemic activity on alternaria, powdery mildew, sclerotinia.;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; THIS MATERIAL IS VERY COMPATIBLE FOR USE IN GH TOMATOES; THERE IS SAFETY TO BENEFICIALS:03/20

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross; Very Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13303	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	EGGPLANT (GH) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: FUSARIUM; VERY LIMITED NUMBER OF FUNGICIDES REGISTERED FOR FUSARIUM CONTROL ON GH EGGPLANT PER ME-TOO REQUEST FROM ME: FUSARIUM IS BECOMING A BIGGER PROBLEM IN THE GH. COMPLETES CROP GROUP; VERY LIMITED NUMBER OF FUNGICIDES REGISTERED FOR FUSARIUM CONTROL ON GH EGGPLANT; PER ME-TOO REQUEST FROM ME: FUSARIUM IS BECOMING A BIGGER PROBLEM IN THE GH

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

MIRAVIS PRIME, DOSAGE RATE PER LABEL USING DRIP OR DRENCH AT 2 APPLICATIONS WITH A RETREATMENT INTERVAL OF 14 DAYS AND A 0 DAY PHI.

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; GOOD IPM FIT; USE PATTERN FOR THE FUNGICIDE WOULD BE AS A DRENCH SO IMPACT ON BIOLOGICAL CONTROL AGENTS IS EXPECTED TO BE MINIMAL

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13106	AZOXYSTROBIN (SYNGEN)	PEPPER (GH TRANSPLANT) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SOIL-BORNE PATHOGENS; OTHER PRODUCTS ARE NOT REGISTERED; AT ONE TIME ETRIDIOZOLE WAS SUPPORTED THROUGH IR-4 FOR THIS PURPOSE; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON VEGETABLE TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER TX ME-TOO REQUEST: NEED OPTIONS FOR PEPPER TRANSPLANTS; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION

REQ STATES MI NY FL IN TX IA CA AL NC CT TN NH OH

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region

Reduced Risk Yes

PCR Use Pattern:

USE THE HERITAGE PRODUCT; MAKE 2-3 DRENCH APPLIC, 7-14 DAY INTERVAL, 0-2 DAY PHI; RATE TO BE DETERMINED WITH THE MFG; APPLY WHILE IN THE PLUG, APPLY AT TRANSPLANT AND FOLLOWING TRANSPLANTING

HQ Comments:

ORIGINAL REQUEST WAS FOR GH FRUITING VEGETABLE TRANSPLANTS, AND IT WAS SPLIT INTO TWO REQUESTS, FOR THE CROP GROUP 8-10 REP CROPS PEPPER AND TOMATO (PR# 13105); NO EXPORT MARKET NOTED; A FOLIAR USE ON FRUITING VEGETABLES IS ON THE HERITAGE LABEL, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) Products registered for root rot is needed, registrations are lacking.;(2021 MI) Peppers are an important staple for the greenhouse vegetable transplant industry. Rhizoctonia and Pythium are greenhouse pathogens that can cause damping off and plant stunting. Few fungicides are registered for use in the greenhouse on vegetable transplants.;(2021 MI) SOIL-BORNE PATHOGENS; OTHER PRODUCTS ARE NOT REGISTERED; AT ONE TIME ETRIDIOZOLE WAS SUPPORTED THROUGH IR-4 FOR THIS PURPOSE; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON VEGETABLE TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER TX ME-TOO REQUEST: NEED OPTIONS FOR PEPPER TRANSPLANTS; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; FOR RESISTANCE MANAGEMENT, THIS IS AN OPTIMAL USE PATTERN AS THERE WILL BE NO FURTHER APPLICATIONS MADE BY THE HOMEOWNER:07/20; PER 2020 NCR NOMINATION COMMENT: SINCE FUNGICIDES WILL BE APPLIED ONLY IN THE GREENHOUSE, IT IS UNLIKELY THAT PATHOGEN RESISTANCE WILL OCCUR:09/20

IPM Comments from Nomination Process:

; Good Fit: Since the transplants will be sold to consumers, fungicides will not be used after they leave the greenhouse. Pathogen resistance should not be a significant concern.: Mary Hausbeck; Good Fit: Good Fit: Since the transplants will be sold to consumers, fungicides will not be used after they leave the greenhouse. Pathogen resistance should not be a significant concern.: Mary Hausbeck: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13350	INPYRFLUXAM (VALENT)	* CANTALOUPE (09A=MELON SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: POWDERY MILDEW. CAUSES LEAVES TO DIE PREMATURELY REDUCING FRUIT QUALITY PRIMARILY AND YIELD. THE PATHOGEN HAS DEVELOPED FULL RESISTANCE TO SEVERAL CHEMISTRIES (1,11,13,U6) LIMITING OPTIONS FOR ACHIEVING CONTROL AND PUTTING SELECTION PRESSURE ON THE PATHOGEN TO DEVELOP ADDITIONAL RESISTANCE.

REQ STATES NY

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

EXCALIA, 2-4 FL OZ/A, APPLIED FOLIARLY WITH 2 APPLICATIONS; APPLY IN ALTERNATION WITH OTHER TARGETED FUNGICIDES TO MANAGE RESISTANCE. A PHI OF 1 DAY; 9 MONTH PLANT BACK FOR NON-LABELED CROPS, 2 APPLICATIONS MAX PER SEASON.

HQ Comments:

REFER TO PR# 12595 FOR INDIFLIN PRODUCT WITH DIFFERENT USE PATTERN: PLEASE NOTE THE 9 MONTH PLANT BACK INTERVALS: 08/21

Nomination Justification:

(2021 MD) see requestor's comments;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, DISEASE CAN BE CONTROLLED WITH APPLICATIONS STARTED AT ESTABLISHED THRESHOLD. USEFUL FOR MANAGING FUNGICIDE RESISTANCE. COMPATIBLE USED WITH RESISTANT VARIETIES. UNIQUE SDHI.

IPM Comments from Nomination Process:

; Very Good Fit: see requestor's comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13351	INPYRFLUXAM (VALENT)	* CUCUMBER (09B=SQUASH/CUCUMBER SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: POWDERY MILDEW. CAUSES LEAVES TO DIE PREMATURELY REDUCING FRUIT QUALITY PRIMARILY AND YIELD. THE PATHOGEN HAS DEVELOPED FULL RESISTANCE TO SEVERAL CHEMISTRIES (1,11,13,U6) LIMITING OPTIONS FOR ACHIEVING CONTROL AND PUTTING SELECTION PRESSURE ON THE PATHOGEN TO DEVELOP ADDITIONAL RESISTANCE.

REQ STATES NY

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

EXCALIA, 2-4 FL OZ/A, APPLIED FOLIARLY WITH 2 APPLICATIONS; APPLY IN ALTERNATION WITH OTHER TARGETED FUNGICIDES TO MANAGE RESISTANCE; 1 DAY PHI;9 MONTH PLANT BACK FOR NON-LABELED CROPS, 2 APPLICATIONS MAX PERR SEASON.

HQ Comments:

REFER TO PR# 12593 FOR INDIFLIN PRODUCT WITH DIFFERENT USE PATTERN: PLEASE NOTE THE 9 MONTH PLANT BACK INTERVALS ON THIS CROP: 08/21;

Nomination Justification:

(2021 MD) see requestors comments;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, DISEASE CAN BE CONTROLLED WITH APPLICATIONS STARTED AT ESTABLISHED THRESHOLD. USEFUL FOR MANAGING FUNGICIDE RESISTANCE. COMPATIBLE USED WITH RESISTANT VARIETIES. UNIQUE SDHI.

IPM Comments from Nomination Process:

; Very Good Fit: see requestor's comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13352	INPYRFLUXAM (VALENT)	* SQUASH (09B=SQUASH/CUCUMBER SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: POWDERY MILDEW. CAUSES LEAVES TO DIE PREMATURELY REDUCING FRUIT QUALITY PRIMARILY AND YIELD. THE PATHOGEN HAS DEVELOPED FULL RESISTANCE TO SEVERAL CHEMISTRIES (1,11,13,U6) LIMITING OPTIONS FOR ACHIEVING CONTROL AND PUTTING SELECTION PRESSURE ON THE PATHOGEN TO DEVELOP ADDITIONAL RESISTANCE.

REQ STATES NY

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

EXCALIA, 2-4 FL OZ/A, APPLIED FOLIARLY WITH 2 APPLICATIONS; APPLY IN ALTERNATION WITH OTHER TARGETED FUNGICIDES TO MANAGE RESISTANCE; 1 DAY PHI; 9 MONTH PLANT BACK FOR NON-LABELED CROPS, 2 APPLICATIONS MAX PERR SEASON.

HQ Comments:

REFER TO PR# 12594/SQUASH (SUMMER) FOR INDIFLIN PRODUCT WITH DIFFERENT USE PATTERN: PLEASE NOTE THE 9 MONTH PLANT BACK INTERVAL FOR THIS CROP: 08/21

Nomination Justification:

(2021 MD) see requestor's comments;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, DISEASE CAN BE CONTROLLED WITH APPLICATIONS STARTED AT ESTABLISHED THRESHOLD. USEFUL FOR MANAGING FUNGICIDE RESISTANCE. COMPATIBLE USED WITH RESISTANT VARIETIES. UNIQUE SDHI.

IPM Comments from Nomination Process:

; Very Good Fit: see requestor's comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12673	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	CUCUMBER (GH) (09B=SQUASH/CUCUMBER SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: FUSARIUM; VERY LIMITED NUMBER OF FUNGICIDES REGISTERED FOR FUSARIUM CONTROL ON GH CUCUMBERS; PER ME-TOO REQUEST FROM ME: NEED MORE DISEASE CONTROL TOOLS IN THE GH, AND THIS LOOKS LIKE A GOOD FIT

REQ STATES TX MS CA NC UT OH

NorthEast Region		NorthCentral Region		Southern Region		Western Region		Reduced Risk
	A				A		A	

PCR Use Pattern:

USE THE MIRAVIS PRIME PRODUCT; MAKE TWO DRENCH APPLIC OF 125 G AI/HA, 14-DAY INTERVAL, 0-DAY PHI

HQ Comments:

CANADA IS NOTED AS A KEY EXPORT MARKET; NEED TO EXPLORE USE OF EXISTING RESIDUE STUDIES IN CANADA (ON FLUDIOXONIL) AND IR-4 (PYDIFLUMETEFON, PR# 11156, ONLY 3 GH TRIALS DONE) TO COVER THE NEED IN THE U.S.; ALSO, SEE PR# 12008 (FLUDIOXONIL/GH CUCUMBER); USE PATTERN MUST BE CONSISTENT FOR BOTH COUNTRIES (DRENCH VS FOLIAR DATA, # OF APPLIC, INTERVAL AND PHI, ETC.):01/19; CANADA CONFIRMED THERE IS NO GH STUDY, SO STATUS CHANGED TO RESIDUE RESEARCHER:05/19; EPA GREEN (BOTH):09/19; MFG CONFRIMED E/CS DATA ARE ALSO NEEDED TO SUPPORT THIS GH USE:05/20; EPA GREEN (BOTH): 08/20, 08/21

Nomination Justification:

(2019 NC) International interest;(2020 FL) See requester's comments.;(2020 CA) See previous;(2020 MI) FUSARIUM; VERY LIMITED NUMBER OF FUNGICIDES REGISTERED FOR FUSARIUM CONTROL ON GH CUCUMBERS; PER ME-TOO REQUEST FROM ME: NEED MORE DISEASE CONTROL TOOLS IN THE GH, AND THIS LOOKS LIKE A GOOD FIT ; (2019 NC) International interest;;(2020 FL) Drench needed;(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; USE PATTERN FOR THE FUNGICIDE WOULD BE AS A DRENCH SO IMPACT ON BIOLOGICAL CONTROL AGENTS IS EXPECTED TO BE MINIMAL

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross; Good Fit: See previous comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13285	ETHABOXAM (VALENT)	* ORANGE (10-10A=ORANGE SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPHTHORA SPECIES CAUSING ROOT AND CROWN ROT AND FRUIT BROWN ROT BY LOWERING POPULATION IN SOIL. FUMIGATION OF SOIL HAS BEEN HIGHLY REGULATED IN CA WITH NUMEROUS RESTRICTIONS. A NEED FOR NEW MODES OF ACTION AS POST-PLANT TREATMENTS BECAUSE PATHOGEN RESISTANCE IS KNOWN FOR MEFENOXAM ON CHERRY AND FOR PHOSPHITES ON OTHER CROPS.

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

ELUMIN (4 LB/ AI/GAL); 0.25 LB AI/A (8 OZ/A PRODUCT); 2 SOIL APPLICATIONS PER YEAR IN THE SPRING AND FALL WITH ROOT FLUSH, CHEMIGATION AT THE END OF THE WATERING CYCLE TO ALLOW FUNGICIDE TO GET INTO ROOT ZONE. ALTERNATIVELY, AFTER PRE-WETTING THE SOIL, BAND APPLICATION FOLLOWED BY WATERING.; PHI OF 30 DAYS;

HQ Comments:

SOIL APPLICATIONS EARLY IN THE SEASON ARE ADVISABLE TO MINIMIZE RESIDUE PRESENCE.THE RISK CUP IN CANADA IS FULL:8/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THE FUNGICIDE IS RELATIVELY NONTOXIC TO BENEFICIALS AND IS TARGETED AGAINST OOMYCOTA ORGANISMS. SOIL APPLICATION THROUGH CHEMIGATION IS VERY SAFE METHOD AND USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT STRATEGIES. IT CAN BE APPLIED BASED ON PATHOGEN PEST MONITORING. ETHABOXAM IS USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE BECAUSE IT HAS A DIFFERENT MODE OF ACTION. ETHABOXAM CAN HAVE A SIGNIFICANT ROLE IN AN EXISTING IPM PROGRAM BASED ON IRRIGATION MANAGEMENT AND RESISTANT ROOTSTOCKS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13284	ETHABOXAM (VALENT)	* LEMON (10-10B=LEMON/LIME SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPHTHORA SPECIES CAUSING ROOT AND CROWN ROT AND FRUIT BROWN ROT BY LOWERING POPULATION IN SOIL. FUMIGATION OF SOIL HAS BEEN HIGHLY REGULATED IN CA WITH NUMEROUS RESTRICTIONS. A NEED FOR NEW MODES OF ACTION AS POST-PLANT TREATMENTS BECAUSE PATHOGEN RESISTANCE IS KNOWN FOR MEFENOXAM ON CHERRY AND FOR PHOSPHITES ON OTHER CROPS.

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

ELUMIN (4 LB/ AI/GAL); 0.25 LB AI/A (8 OZ/A PRODUCT); 2 SOIL APPLICATIONS PER YEAR IN THE SPRING AND FALL WITH ROOT FLUSH, CHEMIGATION AT THE END OF THE WATERING CYCLE TO ALLOW FUNGICIDE TO GET INTO ROOT ZONE. ALTERNATIVELY, AFTER PRE-WETTING THE SOIL, BAND APPLICATION FOLLOWED BY WATERING.; PHI OF 30 DAYS;

HQ Comments:

SOIL APPLIC EARLY IN THE SEASON ARE ADVISABLE TO MINIMIZE RESIDUE PRESENCE. THE RISK CUP IN CANADA IS FULL:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THE FUNGICIDE IS RELATIVELY NONTOXIC TO BENEFICIALS AND IS TARGETED AGAINST OOMYCOTA ORGANISMS. SOIL APPLICATION THROUGH CHEMIGATION IS VERY SAFE METHOD AND USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT STRATEGIES. IT CAN BE APPLIED BASED ON PATHOGEN PEST MONITORING. ETHABOXAM IS USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE BECAUSE IT HAS A DIFFERENT MODE OF ACTION. ETHABOXAM CAN HAVE A SIGNIFICANT ROLE IN AN EXISTING IPM PROGRAM BASED ON IRRIGATION MANAGEMENT AND RESISTANT ROOTSTOCKS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13283	ETHABOXAM (VALENT)	* GRAPEFRUIT (10-10C=GRAPEFRUIT SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPHTHORA SPECIES CAUSING ROOT AND CROWN ROT AND FRUIT BROWN ROT BY LOWERING POPULATION IN SOIL. FUMIGATION OF SOIL HAS BEEN HIGHLY REGULATED IN CA WITH NUMEROUS RESTRICTIONS. A NEED FOR NEW MODES OF ACTION AS POST-PLANT TREATMENTS BECAUSE PATHOGEN RESISTANCE IS KNOWN FOR MEFENOXAM ON CHERRY AND FOR PHOSPHITES ON OTHER CROPS.

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

ELUMIN (4 LB/ AI/GAL); 0.25 LB AI/A (8 OZ/A PRODUCT); 2 SOIL APPLICATIONS PER YEAR IN THE SPRING AND FALL WITH ROOT FLUSH, CHEMIGATION AT THE END OF THE WATERING CYCLE TO ALLOW FUNGICIDE TO GET INTO ROOT ZONE. ALTERNATIVELY, AFTER PRE-WETTING THE SOIL, BAND APPLICATION FOLLOWED BY WATERING.; PHI OF 30 DAYS;

HQ Comments:

SOIL APPLIC EARLY IN THE SEASON ARE ADVISABLE TO MINIMIZE RESIDUE PRESENCE. THE RISK CUP IN CANADA IS FULL:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THE FUNGICIDE IS RELATIVELY NONTOXIC TO BENEFICIALS AND IS TARGETED AGAINST OOMYCOTA ORGANISMS. SOIL APPLICATION THROUGH CHEMIGATION IS VERY SAFE METHOD AND USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT STRATEGIES. IT CAN BE APPLIED BASED ON PATHOGEN PEST MONITORING. ETHABOXAM IS USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE BECAUSE IT HAS A DIFFERENT MODE OF ACTION. ETHABOXAM CAN HAVE A SIGNIFICANT ROLE IN AN EXISTING IPM PROGRAM BASED ON IRRIGATION MANAGEMENT AND RESISTANT ROOTSTOCKS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11277 *	PHOSPHOROUS ACID SALTS (NUFARM)	* APPLE (11-10=POME FRUIT GROUP)	NEED E/CS DATA ONLY

Reasons for need: APPLE SCAB

REQ STATES MI

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

APPLY 5 G AI/TREE (2.75 LB AI/A) VIA TREE TRUNK INJECTION, 4 INJECTION PORTS PER TREE

HQ Comments:

LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15

Nomination Justification:

(2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15;(2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15, APPLE SCAB;(2019 MI) (2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15;(2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15, APPLE SCAB;
;(2021 MI) (2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15;(2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15, APPLE SCAB;(2019 MI) (2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15;(2018 MI) LABELED ON APPLE, BUT NOT FOR SCAB CONTROL OR VIA TREE INJECTION:07/14; ALL FOOD USES ARE EXEMPT FROM REQUIREMENT OF A TOLERANCE; JUST NEED E/CS DATA TO ADD PEST TO PHOSTROL LABEL:08/15, APPLE SCAB;;

IPM Comments from PCR:

PER REQUESTOR AND NCR 2014 NOMINATION COMMENT: TREE INJECTION DELIVERS AI TO THE VASCULAR SYSTEM AND AVOIDS SPRAY DRIFT, REDUCES EXPOSURE TO WORKERS, BENEFICIALS AND THE ENVIRONMENT

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR AND NCR 2014 NOMINATION COMMENT: TREE INJECTION DELIVERS AI TO THE VASCULAR SYSTEM AND AVOIDS SPRAY DRIFT, REDUCES EXPOSURE TO WORKERS, BENEFICIALS AND THE ENVIRONMENT: Anthony VanWoerkom

Wise, Dr. John C.	P11-MI-DMP	RECD	NONE	PHOSPHO-JET AT 17.3 AND 32.8 ML PER DBH APPLIED AS TREE TRUNK INJECTION TO 4 PORTS PER TREE; GOOD CONTROL OF HIGH SCAB INFECTION; BETTER THAN ALAMO

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13286	ETHABOXAM (VALENT)	* CHERRY (12-12A=CHERRY SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPHTHORA SPECIES CAUSING ROOT AND CROWN ROT AND FRUIT BROWN ROT BY LOWERING POPULATION IN SOIL. FUMIGATION OF SOIL HAS BEEN HIGHLY REGULATED IN CA WITH NUMEROUS RESTRICTIONS. A NEED FOR NEW MODES OF ACTION AS POST-PLANT TREATMENTS BECAUSE PATHOGEN RESISTANCE IS KNOWN FOR MEFENOXAM ON CHERRY AND FOR PHOSPHITES ON OTHER CROPS.

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

ELUMIN (4 LB/ AI/GAL); 0.25 LB AI/A (8 OZ/A PRODUCT); 2 SOIL APPLICATIONS PER YEAR IN THE SPRING AND FALL WITH ROOT FLUSH, CHEMIGATION AT THE END OF THE WATERING CYCLE TO ALLOW FUNGICIDE TO GET INTO ROOT ZONE. ALTERNATIVELY, AFTER PRE-WETTING THE SOIL, BAND APPLICATION FOLLOWED BY WATERING.; PHI OF 30 DAYS;

HQ Comments:

SOIL APPLIC EARLY IN THE SEASON ARE ADVISABLE TO MINIMIZE RESIDUE PRESENCE. THE RISK CUP IN CANADA IS FULL:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THE FUNGICIDE IS RELATIVELY NONTOXIC TO BENEFICIALS AND IS TARGETED AGAINST OOMYCOTA ORGANISMS. SOIL APPLICATION THROUGH CHEMIGATION IS VERY SAFE METHOD AND USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT STRATEGIES. IT CAN BE APPLIED BASED ON PATHOGEN PEST MONITORING. ETHABOXAM IS USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE BECAUSE IT HAS A DIFFERENT MODE OF ACTION. ETHABOXAM CAN HAVE A SIGNIFICANT ROLE IN AN EXISTING IPM PROGRAM BASED ON IRRIGATION MANAGEMENT AND RESISTANT ROOTSTOCKS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13288	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	* CHERRY (12-12A=CHERRY SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: BROWN ROT, GRAY MOLD, POWDERY MILDEW; ROTATIONAL PRODUCT WITH UNIQUE MODE OF ACTION TO PREVENT THE SELECTION OF RESISTANCE. PYDIFLUMETOFEN HAS A PREHARVEST MRL ESTABLISHED AND FLUDIOXONIL HAS A POSTHARVEST MRL. FLUDIOXONIL NEEDS A PREHARVEST MRL.

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

MIRAVIS PRIME; 6.8 FL OZ PRODUCT/A IS EQUIVALENT TO 0.067 LB AI PYDIFLUMETOFEN AND 0.111 LB AI FLUDIOXONIL.; APPLIED FOLIARLY 2 TIMES PER YEAR WITH A RE-TREATMENT INTERVAL OF 14 DAYS AND A PHI OF 7 DAYS; APPLY AT FULL BLOOM AND 7 DAYS BEFORE HARVEST (PHI). HARVESTED FRUIT WILL BE TREATED WITH THE POSTHARVEST LABEL OF FLUDIOXONIL (SCHOLAR). PRELIMINARY RESIDUE DATA SHOWS THAT WASHING HARVESTED FRUIT FOR 5 MIN PRIOR TO POSTHARVEST DIPS WITH LABELED RATES OF SCHOLAR ARE WELL WITHIN ESTABLISHED TOLERANCE ON CHERRY.

HQ Comments:

2 FOLIAR APPLIC OF MIRAVIS PRIME @6.8FL OZ/A WITH A 7 DAY PHI; NEED TO INCLUDE POST HARVEST APPLIC TO COVER CURRENT USES FOR RESIDUE TRIALS; PYDIFLUMETOFEN COMPONENT CAPS THE RATE AT 6.8 FL OZ/A:07/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THE FUNGICIDE IS RELATIVELY NONTOXIC TO BENEFICIAL ORGANISMS AND IS TARGETED AGAINST ASCOMYCOTA PLANT PATHOGENS. FOLIAR APPLICATION THROUGH AIR-BLAST SPRAYER IS COMPATIBLE WITH CURRENT PEST MANAGEMENT STRATEGIES. IT CAN BE APPLIED BASED ON PATHOGEN PEST MONITORING. THE FRAC 7/12 IS A UNIQUE PREMIXTURE AND AN EXCELLENT ROTATIONAL PRODUCT. IT IS USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE BECAUSE IT HAS TWO DIFFERENT MODES OF ACTION. THIS PREMIXTURE CAN HAVE A SIGNIFICANT ROLE IN AN EXISTING IPM PROGRAM BASED ON ROTATIONS WITH OTHER MODES OF ACTION.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13281	FLUOPICOLIDE (VALENT)	* CHERRY (12-12A=CHERRY SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPHTHORA SPECIES CAUSING ROOT AND CROWN ROT, FUMIGATION OF SOIL HAS BEEN HIGHLY REGULATED IN CA WITH NUMEROUS RESTRICTIONS. A NEED FOR NEW MODES OF ACTION AS POST-PLANT TREATMENTS BECAUSE PATHOGEN RESISTANCE IS KNOWN FOR MEFENOXAM ON CHERRY AND FOR PHOSPHITES ON OTHER CROPS.

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

PRESIDIO AT 0.125 LB/A 2 SOIL APPLICATIONS PER YEAR IN THE SPRING AND FALL WITH ROOT FLUSH; CHEMIGATION AT THE END OF THE WATERING CYCLE TO ALLOW FUNGICIDE TO GET INTO THE ROOT ZONE. ALTERNATIVELY, AFTER PRE-WETTING THE SOIL, BAND APPLICATION FOLLOWED BY WATERING. PHI OF 30 DAYS;

HQ Comments:

SOIL APPLIC EARLY IN THE SEASON ARE ADVISABLE TO MINIMIZE RESIDUE PRESENCE:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THE FUNGICIDE IS RELATIVELY NONTOXIC TO BENEFICIALS AND IS TARGETED AGAINST OOMYCOTA ORGANISMS. SOIL APPLICATION THROUGH CHEMIGATION IS VERY SAFE METHOD AND USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT STRATEGIES. IT CAN BE APPLIED BASED ON PATHOGEN PEST MONITORING. ETHABOXAM IS USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE BECAUSE IT HAS A DIFFERENT MODE OF ACTION. FLUOPICOLIDE CAN HAVE A SIGNIFICANT ROLE IN AN EXISTING IPM PROGRAM BASED ON IRRIGATION MANAGEMENT AND RESISTANT ROOTSTOCKS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13295	GF-4031 (CORTEVA)	* CHERRY (12-12A=CHERRY SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: CHERRY POWDERY MILDEW PODOSPHAERA CLANDESTINE, POWDERY MILDEW IS AN AGGRESSIVE DISEASE AND MULTIPLE ACTIVE INGREDIENTS ARE NEEDED SO MANAGEMENT PROGRAMS CAN BE DEVELOPED. CURRENTLY REGISTERED PM-SPECIFIC PRODUCTS ARE LESS EFFECTIVE THAN CONVENTIONAL, SOME RESISTANCE EXISTS, AND MORE EFFECTIVE PM-SPECIFIC FUNGICIDES ARE NEEDED.

REQ STATES CA WA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

GF-4031, 20 G (0.045 LB) AI/A; FOLIAR (AIR-BLAST), 3 APPLICATIONS WITH RE-TREATMENT INTERVAL OF 7 DAYS, AND A PHI OF 7 DAYS; START APPLICATIONS AT FULL BLOOM, REPEAT AT PETAL FALL (AFTER 10-14 DAYS), AND AGAIN PRIOR TO HARVEST (WITH A 7 DAY PHI); APPLY NO MORE THAN TWO APPLICATIONS BEFORE ROTATING TO ANOTHER MODE OF ACTION OR FRAC GROUP.

HQ Comments:

EFFICACY AND CROP SAFETY DATA PROVIDED BY CORTEVA.

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, PM-SPECIFIC FUNGICIDES ARE VERY GOOD BECAUSE THEY ARE VERY TARGETED AND DO NOT AFFECT OTHER FUNGAL ORGANISMS. THE FUNGICIDE IS USED AT EXTREMELY LOW RATES OF 30 TO 50 G AI PER HECTARE OR 20 G AI (0.045 LB) PER ACRE. VERY ENVIRONMENTALLY FRIENDLY AND WORKER SAFETY IS HIGH. SOME MRLS EXIST IN THE EU AND AUSTRALIA, WHEREAS IMPORT TOLERANCES EXIST IN THE UNITED STATES ON GRAPES.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12971	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	* PLUM (12-12C=PLUM SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: PREHARVEST BROWN ROT; RESISTANCE MANAGEMENT

REQ STATES CA

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

USE MIRAVIS PRIME PRODUCT; MAKE 2-4 FOLIAR APPLIC OF 8 FL OZ PRODUCT/A IN 100 GPA, 7-DAY INTERVAL, 1-DAY PHI

HQ Comments:

NEW PCR IS FOR DRIED PLUM (PRUNE); KEY EXPORT MARKETS NOTED AS JAPAN, TAIWAN, KOREA, EUROPE; THERE ARE TOLERANCES ESTABLISHED FOR FLUDIOXONIL ON THE STONE FRUIT GROUP, AND FOR PYDIFLUMETOFEN ON DRIED PLUM AND PLUM SUBGROUP 12-12C (WITH THESE TOLERANCES, CAN THIS BE CONSIDERED COVERED?):03/20; EPA GREEN (BOTH AIs):08/20, 08/21; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED; MIRAVIS (SOLO PYDIFLUMETOFEN) AND MIRAVIS DUO (PYDIFLUMETOFEN + DIFENOCONAZOLE) ARE REGISTERED:09/20

Efficacy/Crop Safety (E/CS) Data Required:

EFFICACY DATA NEEDED ESPECIALLY FOR CA:09/20

Nomination Justification:

(2021 MI) PREHARVEST BROWN ROT; RESISTANCE MANAGEMENT;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; NEED REDUCED-RISK FUNGICIDES FOR BROAD SPECTRUM ACTIVITY AGAINST PRUNE FOLIAR DISEASES BUT MAINLY FOR BROWN ROT; NON-DMI FUNGICIDES ARE NEEDED THAT PROVIDE ROTATIONS OF DIFFERENT MOAS; RESISTANCE MANAGEMENT IS BUILT IN WITH PREMIXTURE, MIRAVIS PRIME:03/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; NEED REDUCED-RISK FUNGICIDES FOR BROAD SPECTRUM ACTIVITY AGAINST PRUNE FOLIAR DISEASES BUT MAINLY FOR BROWN ROT; NON-DMI FUNGICIDES ARE NEEDED THAT PROVIDE ROTATIONS OF DIFFERENT MOAS; RESISTANCE MANAGEMENT IS BUILT IN WITH PREMIXTURE, MIRAVIS PRIME:03/20: Anthony VanWoerkom

Adaskaveg, Dr. James	P19-CA-DMP	RECD	NONE	MIRAVIS PRIME AT 9.1 FL OZ/A + NUFILM-P APPLIED AT PREHARVEST; GOOD CONTROL OF POSTHARVEST BROWN ROT; COMPARABLE TO MERIVON.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13256	CYMOXANIL (DUPONT)	* STRAWBERRY (13-07G=LOW GROWING BERRY SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: TO REDUCE SELECTION RESISTANCE TO MEFENOXAM

REQ STATES FL MD WV PA

NorthEast Region		NorthCentral Region		Southern Region		Western Region		Reduced Risk
	A				A			

PCR Use Pattern:

5 OZ/A; DRIP OR FOLIAR; APPLY THROUGH DRIP TO MANAGE PHYTOPTHORA CROWN ROT OR FOLIAR FOR LEATHER ROT CONTROL;

HQ Comments:

E/CS DATA FROM CA NEEDED:07/21; EPA GREEN:08/21

Nomination Justification:

(2021 MD) see comments from requestor;(2021 FL) Need an alternative to mefenoxam for phytophthora disease control in strawberry; performance data available for cymoxanil that demonstrates effective disease management.;

IPM Comments from PCR:

PER REQUESTOR, VERY GOOD FIT; RESISTANCE TO MEFENOXAM USED FOR THE CONTROL OF PHYTOPHTHORA CROWN ROT ON STRAWBERRY HAS RECENTLY EMERGED. RESISTANCE HAS BEEN LINKED TO SPECIFIC NURSERY SOURCES. MEFENOXAM AND PHOSPHITE MATERIALS ARE THE ONLY PRODUCTS AVAILABLE FOR PHYTOPHTHORA MANAGEMENT IN NURSERY AND FRUIT PRODUCTION FIELDS. THUS, ADDITIONAL PRODUCTS FROM DIFFERENT FUNGICIDE GROUPS ARE HIGHLY NEEDED. CYMOXANIL HAS BEEN PROVEN EFFECTIVE IN OUR TRIALS AND WOULD BE A GOOD FIT FOR DISEASE AND FUNGICIDE RESISTANCE MANAGEMENT.

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross; Very Good Fit: See requestor comments.: Janine Spies

Peres, N.A.	P20-FL-DMP	RECD	IN VIVO AND IN VITRO ASSAYS SHOWED THAT CYMOXANIL SUPPRESSED DISEASE DEVELOPMENT, DECREASED PLANT MORTALITY DUE TO CROWN ROT, AND REDUCED % FRUITS WITH LEATHER ROT SYMPTOMS. IT IS A PROMISING TOOL FOR AN INTEGRATED DISEASE MANAGEMENT PROGRAM ACROSS NURSERY AND FRUIT PRODUCTION SYSTEMS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
09102	FLUTOLANIL (NAI)	* STRAWBERRY (13-07G=LOW GROWING BERRY SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: RHIZOCTONIA, BLACK ROOT ROT; PER PROJECT NOMINATION JUSTIFICATION COMMENT: NEED TO COVER CRANBERRY, TOO; PER WV ME-TOO REQUEST: RHIZOCTONIA IS THE MOST IMPORTANT FUNGAL PATHOGEN CAUSING BLACK ROOT ROT COMPLEX (BRRC) ON STRAWBERRY TOGETHER WITH A FEW OTHER FUNGAL PATHOGENS; CURRENTLY THERE IS NO EFFECTIVE FUMIGATION OR FUNGICIDAL OPTION TO CONTROL RHIZOC; FLUTOLANIL MAY BE A VIABLE OPTION FOR MANAGING BRRC

REQ STATES MI WV

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
B	A			

PCR Use Pattern:

0.87 OZ/1000 ROW FT; SOIL DRENCH OR TRANSPLANT ROOT DIP APPLIC; 2-3 APPLIC; 30-DAY RE-TREATMENT INTERVAL; 30-DAY PHI; APPLY AT GREEN-UP AND AFTER RENOVATION

HQ Comments:

STAKEHOLDERS REQUESTED E/CS DATA NEEDED:09/11; MFG PUT ON HOLD (PRIORITY WAS AN E):06/15; MFG CHANGED STATUS TO RESEARCHABLE; BASED ON 09/11 COMMENT, THERE LOOKS LIKE A NEED FOR PERFORMANCE DATA:07/19; EPA GREEN: 08/20; EPA CAUTION: 08/21;

Nomination Justification:

(2010 NY) to cover cranberry too. Some NJ E/CS data;(2012 MI) More efficacy data needed;(2019 MI) (2010 NY) to cover cranberry too. Some NJ E/CS data;(2012 MI) More efficacy data needed; RESEARCHABLE, RESIDUE & E/CS DATA NEEDED;(2019 NC) International interest;(2021 MI) RHIZOCTONIA, BLACK ROOT ROT; PER PROJECT NOMINATION JUSTIFICATION COMMENT: NEED TO COVER CRANBERRY, TOO; PER WV ME-TOO REQUEST: RHIZOCTONIA IS THE MOST IMPORTANT FUNGAL PATHOGEN CAUSING BLACK ROOT ROT COMPLEX (BRRC) ON STRAWBERRY TOGETHER WITH A FEW OTHER FUNGAL PATHOGENS; CURRENTLY THERE IS NO EFFECTIVE FUMIGATION OR FUNGICIDAL OPTION TO CONTROL RHIZOC; FLUTOLANIL MAY BE A VIABLE OPTION FOR MANAGING BRRC;

IPM Comments from Nomination Process:

; Unknown: : Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12609	ISOFETAMID (ISK)	STRAWBERRY (GH) (13-07G=LOW GROWING BERRY SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: POWDERY MILDEW, GRAY MOLD, ANTHRACNOSE; NEED ADDITIONAL LABELED PRODUCTS FOR GREENHOUSE CONTROL; IMPORTANT FOR RESISTANCE MANAGEMENT

REQ STATES NC MD WV PA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

USE THE KENJA PRODUCT; MAKE FOLIAR APPLIC; NO OTHER USE PATTERN DETAILS PROVIDED, EXCEPT A NOTE ABOUT EUROPEAN DATA (COULD EU DATA SUPPORT A U.S. USE WITHOUT U.S. TRIALS?)

HQ Comments:

IS A LIKELY EXPORT CROP, BUT NO MARKETS NOTED; MFG SUPPORTS, RESIDUE AND PERFORMANCE DATA REQUIRED; MFG IS PURSUING USE ON FIELD STRAWBERRY, 0-DAY PHI:08/18; MFG CHANGED STATUS TO RESIDUE ONLY (HAVE PLENTY OF DATA TO SUPPORT THE USE FOR CONTROL OF TARGET PESTS):07/19; EPA GREEN:09/19 & 08/20, 08/21

Nomination Justification:

(2019 MD) nontoxic to biocontrols;(2021 MD) see previous comments;

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT; FROM EUROPEAN GROWERS, THIS IS GOOD FIT:08/18; PER NER 2019 NOMINATION COMMENT: GOOD IPM FIT; NO KNOWN CROSS RESISTANCE

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11881	PYDIFLUMETOFEN (FTH 545) (SYNGEN)	STRAWBERRY (GH) (13-07G=LOW GROWING BERRY SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY

REQ STATES TX CA TN NC MI

NorthEast Region	A	NorthCentral Region	A	Southern Region	A	Western Region	A	Reduced Risk	Yes

PCR Use Pattern:

APPLY VIA DRENCH (DRIP FOR FUSARIUM) AND FOLIAR 2 APPLIC OF 200 G AI/HA, 7-DAY INTERVAL, 0-DAY PHI

HQ Comments:

KEY EXPORT MARKET UNCERTAIN:02/16; EPA GREEN:09/18 & 09/19 & 08/20, 08/21

Nomination Justification:

(2016 CA) New crop in need of pest management tools.;(2016 FL) Top request from GH industry. The product is needed to control a number of diseases including Botrytis grey mold, powdery mildew and fusarium.;(2016 MD) see previous comments;(2016 FL) Refer to previous;(2016 MD) this is also needed in the field;(2017 CA) See previous year's comments;(2018 KY) Greenhouse strawberry has limited management options. Acreage of GH strawberry increasing.;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2019 MI) (2016 CA) New crop in need of pest management tools.;(2016 FL) Top request from GH industry. The product is needed to control a number of diseases including Botrytis grey mold, powdery mildew and fusarium.;(2016 MD) see previous comments;(2016 FL) Refer to previous;(2016 MD) this is also needed in the field;(2017 CA) See previous year's comments;(2018 KY) Greenhouse strawberry has limited management options. Acreage of GH strawberry increasing.;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;;(2019 FL) BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2019 MD) safe for biological controls;(2019 FL) See previous 2019 FL comments;(2019 NC) International interest;(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous comments.;(2021 MI) (2016 CA) New crop in need of pest management tools.;(2016 FL) Top request from GH industry. The product is needed to control a number of diseases including Botrytis grey mold, powdery mildew and fusarium.;(2016 MD) see previous comments;(2016 FL) Refer to previous;(2016 MD) this is also needed in the field;(2017 CA) See previous year's comments;(2018 KY) Greenhouse strawberry has limited management options. Acreage of GH strawberry increasing.;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2019 MI) (2016 CA) New crop in need of pest management tools.;(2016 FL) Top request from GH industry. The product is needed to control a number of diseases including Botrytis grey mold, powdery mildew and fusarium.;(2016 MD) see previous comments;(2016 FL) Refer to previous;(2016 MD) this is also needed in the field;(2017 CA) See previous year's comments;(2018 KY) Greenhouse strawberry has limited management options. Acreage of GH strawberry increasing.;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2018 MI) KEY EXPORT MARKET UNCERTAIN:02/16, BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;;(2019 FL) BOTRYTIS GRAY MOLD, POWDERY MILDEW, FUSARIUM; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2019 MD) safe for biological controls;(2019 FL) See previous 2019 FL comments;(2019 NC) International interest;(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous comments.;;

IPM Comments from PCR:

PER REQUESTOR: GOOD IPM FIT; DOES NOT HARM BIOLOGICAL CONTROL AGENTS; PER WSR, NER AND SOR 2016 NOMINATION COMMENTS: GOOD TO VERY GOOD IPM FIT; KOPPERT SIDE EFFECTS DOES NOT LIST THIS AS HAVING ANY EFFECT ON BOMBIDS, ENCARSIA, AND ERETMOCERUS SPP., MAKING THIS A GOOD FIT FOR THE GH INDUSTRY:09/16

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross; Good Fit: PER REQUESTOR: GOOD IPM FIT; DOES NOT HARM BIOLOGICAL CONTROL AGENTS; PER WSR, NER AND SOR 2016 NOMINATION COMMENTS: GOOD TO VERY GOOD IPM FIT; KOPPERT SIDE EFFECTS DOES NOT LIST THIS AS HAVING ANY EFFECT ON BOMBIDS, ENCARSIA, AND ERETMOCERUS SPP., MAKING THIS A GOOD FIT FOR THE GH INDUSTRY:09/16 : Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13333	PYDIFLUMETOFEN (FTH 545) (SYNGEN)	* CRANBERRY (13-07H=LOW GROWING BERRY SUBGROUP, EXCEPT STRAWBERRY)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: CRANBERRY FRUIT ROT COMPLEX, DISEASE MANAGEMENT, TOOLS FOR RESISTANCE MANAGEMENT

REQ STATES MA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				Yes

PCR Use Pattern:

MIRAVIS, 10.5 FL.OZ/ACRE; WITH 4 APPLICATIONS AND A RETREATMENT INTERVAL OF 7 TO 10 DAYS; PHI OF 14 DAYS;

HQ Comments:

MFG BELIEVES THAT THERE WILL NOT BE A NEED FOR AQUATIC DISSIPATION STUDY FOR CRANBERRIES:08/21

Nomination Justification:

(2021 MD) different mode of action to aid resistance management;

IPM Comments from PCR:

PER REQUESTOR GODFIT, SEVERAL (3-5 ON AVERAGE) FUNGICIDE APPLICATIONS ARE USED ANNUALLY TO CONTROL CRANBERRY FRUIT ROT. GROWERS NEED PRODUCTS FROM MULTIPLE MODE OF ACTION GROUPS TO CHOSE FROM TO PRACTICE RESISTANCE MANAGEMENT. DUE TO EXPORT ISSUES, SOME REGISTERED FUNGICIDES ARE RESTRICTED BY THE HANDLERS AND NEW PRODUCTS ARE NEEDED TO ADDRESS THIS GAP.

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13218	ETHABOXAM (VALENT)	* ALMOND (14-12=TREE NUT GROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPHTHORA ROOT AND CROWN ROT; ROTATIONAL PRODUCT TO OTHER REGISTRATIONS OF NEW PRODUCTS AND MODES OF ACTION; RESISTANCE MANAGEMENT BY ROTATION

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

INTEGO; 10 FL OZ (0.035 LB OR 0.26 OZ AI/A); SOIL TREATMENT; 1X PER YEAR; PHI (DAYS): 30 DAYS; APPLY BY CHEMIGATION OR BY BAND APPLICATION FOLLOWED BY 6 HR OF IRRIGATION TO MOVE PRODUCT INTO THE ROOT ZONE. SOIL SHOULD BE PRE IRRIGATED PRIOR TO APPLICATION.

HQ Comments:

NO ESTABLISHED TOLERANCES FOR ALMOND; NO CURRENT USES ON ELUMIN LABEL FOR TREE CROPS, REQUESTER INDICATED EFFICACY DATA IS AVAILABLE; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERY GOOD FIT; USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE; USE COMPATIBLE WITH CULTURAL PEST MANAGEMENT PRACTICES;

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12959 *	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	* ALMOND (14-12=TREE NUT GROUP)	NEED E/CS DATA ONLY

Reasons for need: HULL ROT; MULTIPLE MODE OF ACTION PREMIXTURE THAT IS DIFFERENT FROM OTHER REGISTRATIONS

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region		Reduced Risk
				A	

PCR Use Pattern:

USE THE MIRAVIS PRIME PRODUCT; MAKE 2-4 FOLIAR APPLIC OF 8 FL OZ PRODUCT/A IN 100 GPA, 14-DAY INTERVAL, 14-DAY PHI

HQ Comments:

KEY EXPORT MARKETS INCLUDE ASIA, EUROPE, INDIA; FOR PYDIFLUMETOFEN THERE IS A TREE NUT GROUP 14-12 TOLERANCE ESTABLISHED (ALMOND AND PECAN REP CROPS); FOR FLUDIOXONIL THERE IS ONLY A PISTACHIO TOLERANCE; CONSIDER NEED TO ONLY ANALYZE FOR FLUDIOXONIL RESIDUES:03/20; THIS IS A MFG OBJECTIVE:05/20; MFG CONFIRMED THE SUBMISSION HAS BEEN MADE TO EPA FOR A FLUDIOXONIL TOLERANCE ON THE TREE NUT CROP GROUP:07/20; MFG CHANGED FROM MFG SUBMISSION TO EPA, TO MFG WOULD APPRECIATE EFFICACY DATA SUPPORT FOR CA:09/20

Efficacy/Crop Safety (E/CS) Data Required:

MFG WOULD APPRECIATE SOME EFFICACY DATA HELP FOR CA:09/20

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; CRITICAL FOR RESISTANCE MANAGEMENT:03/20

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13217	FLUOPICOLIDE (VALENT)	* ALMOND (14-12=TREE NUT GROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: ROTATIONAL PRODUCT TO OXATHIAPIPROLIN, RESISTANCE MANAGEMENT TO PHOSPHITES AND MEFENOXAM

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region		Reduced Risk
				A	

PCR Use Pattern:

APPLICATION: 1 PER YEAR; RE-TREATMENT INTERVAL: 12 MONTHS; PHI: 30 DAYS; DIRECTIONS OF USE: APPLY 4 FL OZ TO SOIL BY CHEMIGATION OR BAND APPLICATION AND APPLY WATER FOR 6 HOURS AFTER APPLICATION. SOIL SHOULD BE PRE-IRRIGATED PRIOR TO APPLICATION.; MUST BE WATER INTO THE ROOT ZONE.

HQ Comments:

NO ESTABLISHED TOLERANCES FOR FLUOPICOLIDE ON ALMOND; REQUESTER INDICATED EFFICACY DATA AVAILABLE; PRESIDIO USE PATTERN/RATE PROVIDED AGREES WITH USE PATTERN FOR CITRUS, SO THIS SHOULD BE OKAY: 04/21; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERY GOOD FIT, REDUCED RISK WITH LOW USAGE RATES, TARGETED PATHOGEN WITH NO ACTIVITY ON OTHER ORGANISMS, SOIL APPLICATION WITH EXPECTED 0 RESIDUES, COMPATIBLE WITH CULTURAL PRACTICES (CHEMIGATION)

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12618 *	MEFENOXAM (SYNGEN)	* ASPARAGUS (22A=STALK AND STEM VEGETABLE SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: PHYTOPHTHORA CROWN ROT; RECENT SURVEY SHOWS CROWNS DUG FROM SEEDLING BED EXHIBIT PHYTOPHTHORA INFECTION

REQ STATES MI

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			Yes

PCR Use Pattern:

USE THE RIDOMIL GR PRODUCT; MAKE 4 BANDED BROADCAST APPLIC OF 10 LB/A OF PRODUCT, AT 30- DAY INTERVALS, FOLLOWING EMERGENCE OF SEEDLINGS; PHI IS NOT APPLICABLE

HQ Comments:

NO EXPORT MARKETS NOTED; THIS IS FOR USE IN SEEDLING BEDS, 2-3 YEARS BEFORE FIRST HARVEST (NON-FOOD USE?); THERE ARE NO ASPARAGUS TOLERANCES FOR THIS AI:08/18; MFG MADE RESEARCHABLE BY 9/13/18 EMAIL; ARE RESIDUES NEEDED, OR SHOULD THIS JUST BE AN E/CS PROJECT?:09/18; AT 2018 FUW MFG CHANGED STATUS FROM RESIDUE + E/CS DATA TO NEED ONLY E/CS DATA:09/18; MFG HAS CONCERN ABOUT RESISTANCE:05/19; ALONG WITH E/CS DATA, MFG REQUIRES A RESISTANCE MANAGEMENT STRATEGY:09/19; ALONG WITH IR-4 PERFORMANCE WORK FOR PR# 12619 (FLUDIOXONIL + PYDIFLUMETOFEN), PR# 12622 (THIOPHANATE METHYL) AND PR# 12621 (FLUOPICOLIDE), IR-4 PERFORMANCE WORK FOR THIS PR# IS BEING CAPTURED UNDER PR#12619:05/21

Nomination Justification:

(2018 MI) PHYTOPHTHORA CROWN ROT; RECENT SURVEY SHOWS CROWNS DUG FROM SEEDLING BED EXHIBIT PHYTOPHTHORA INFECTION.;(2019 MI) (2018 MI) PHYTOPHTHORA CROWN ROT; RECENT SURVEY SHOWS CROWNS DUG FROM SEEDLING BED EXHIBIT PHYTOPHTHORA INFECTION.;;(2019 MI) Phytophthora is a problem on asparagus crowns. Products are needed for use in the asparagus seedbed for application to the crown.;(2021 MI) Disease management in the asparagus seed bed is a new target for the industry that previously had not considered using fungicides at this stage. Phytophthora asparagi is a significant concern and threat and can be moved on crowns from the seed nursery to production fields. Fumigation provides limited protection and is expensive. New approaches and effective fungicides are needed.;(2021 MI) (2018 MI) PHYTOPHTHORA CROWN ROT; RECENT SURVEY SHOWS CROWNS DUG FROM SEEDLING BED EXHIBIT PHYTOPHTHORA INFECTION.;(2019 MI) (2018 MI) PHYTOPHTHORA CROWN ROT; RECENT SURVEY SHOWS CROWNS DUG FROM SEEDLING BED EXHIBIT PHYTOPHTHORA INFECTION.;;(2019 MI) Phytophthora is a problem on asparagus crowns. Products are needed for use in the asparagus seedbed for application to the crown.;(2021 MI) Disease management in the asparagus seed bed is a new target for the industry that previously had not considered using fungicides at this stage. Phytophthora asparagi is a significant concern and threat and can be moved on crowns from the seed nursery to production fields. Fumigation provides limited protection and is expensive. New approaches and effective fungicides are needed.;;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; THIS WILL ENSURE THAT CROWNS ARE HEALTHY WHEN DUG FROM NURSERIES AND PLANTED INTO PRODUCTION FIELDS:08/18; PER 2019 NCR NOMINATION COMMENT: VERY GOOD FIT; THE FUNGICIDE IS WELL KNOWN TO BE EFFECTIVE AGAINST PHYTOPHTHORA, IS SELECTIVE FOR OOMYCETES, AND WOULD UNLIKELY TARGET BENEFICIAL ORGANISMS

IPM Comments from Nomination Process:

; Good Fit: The use of fungicides for the seedbed would not be continued in the production field due to difficulty of application and expense. Thus, this product will have a limited window of use and the pathogen should not be of significant risk of resistance.: Mary Hausbeck; Good Fit: Good Fit: The use of fungicides for the seedbed would not be continued in the production field due to difficulty of application and expense. Thus, this product will have a limited window of use and the pathogen should not be of significant risk of resistance.: Mary Hausbeck: Anthony VanWoerkom

	Hausbeck, Dr. Mary K.	P15-MI-DMP	RECD	NONE	RIDOMIL GOLD AT 2 PT/A APPLIED AS DRENCH; % CROWNS WITH HIGHEST RATING AND YIELD NOT STATISTICALLY DIFFERENT FROM UNTREATED CHECK.
	Hausbeck, Dr. Mary K.	P16-MI-DMP	RECD	NONE	RIDOMIL GOLD AT 2 PT/A; HIGHER % OF CROWNS IN THE LOW ROOT MASS CATEGORY THAN UNTREATED CHECK; NO YIELD DIFFERENCES.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12076 *	FLUOPICOLIDE (VALENT)	CELERY (GH TRANSPLANT, FIELD) (22B=LEAF PETIOLE VEGETABLE SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: PYTHIUM ROOT ROT

REQ STATES MI

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

USE PRESIDIO PRODUCT; MAKE 2 SOIL DRENCH APPLIC TO GH FLATS OF SEEDLINGS, USING 4 FL OZ PRODUCT/100 GAL, 14-DAY INTERVAL

HQ Comments:

THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17

Nomination Justification:

(2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT;(2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT;(2019 MI) (2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT;(2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT;
;(2021 MI) (2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT;(2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT;(2019 MI) (2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT;(2018 MI) THERE IS A LEAFY VEG (EXCEPT BRASSICA) GROUP 4 TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; MFG NEEDS TO SEE E/CS DATA BEFORE APPROVAL FOR RESIDUE WORK; PER MFG, ETHABOXAM MAY BE A BETTER FIT FOR THIS NEED:05/17, PYTHIUM ROOT ROT; ; ;

IPM Comments from PCR:

FROM REQUESTOR: VERY GOOD IPM FIT; GROWERS ARE CURRENTLY USING INEFFECTIVE PRODUCTS:09/16

IPM Comments from Nomination Process:

; Very Good Fit: FROM REQUESTOR: VERY GOOD IPM FIT; GROWERS ARE CURRENTLY USING INEFFECTIVE PRODUCTS:09/16: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13045	PROPICONAZOLE (ADAMA,SYNGEN)	* GUAVA (23B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: ANTHRACNOSE AND OTHER FUNGAL DISEASES OF THE FRUIT; AS PART OF AN IPM ROTATIONAL PROGRAM TO REDUCE POTENTIAL REISTANCE

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

USE THE TILT PRODUCT; MAKE 3 FOLIAR APPLIC OF 4 FL OZ PRODUCT/A, 7-14 DAY INTERVAL, 0-DAY PHI; BEGIN APPLIC AT FRUIT SET; MAKE NO MORE THAN 2 CONSECUTIVE APPLIC BEFORE CHANGING TO A DIFFERENT MOA FUNGICIDE; A THIRD APPLIC CAN BE MADE IF DISEASE PRESSURE PERSISTS

HQ Comments:

NO KEY EXPORT MARKET NOTED; USE PATTERN IS IN LINE WITH THAT FOR SIMILAR CROPS:06/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20;EPA CAUTION: 08/21;

Nomination Justification:

(2021 FL) There a few effective fungicides approved for guava production which has sored to over 700 acres in Florida and is also grown in HI and PR. Production is year-round and therefore having additional fungicides to rotate is necessary.;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; RELATIVELY NON-TOXIC TO NONE TARGET PESTS; USE COMPATIBLE WITH CURRENT CULTURAL PRACTICES:06/20

IPM Comments from Nomination Process:

; Very Good Fit: Important for disease resistance and IPM.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13219	ETHABOXAM (VALENT)	* AVOCADO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPHTHORA ROOT AND CROWN ROT; ROTATIONAL PRODUCT TO OTHER REGISTRATIONS OF NEW PRODUCTS AND MODES OF ACTION; RESISTANCE MANAGEMENT BY ROTATION;

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

INTEGO; 10 FL OZ (0.035 LB OR 0.26 OZ AI/A); SOIL TREATMENT; 1X PER YEAR; PHI (DAYS): 30 DAYS; APPLY BY CHEMIGATION OR BY BAND APPLICATION FOLLOWED BY 6 HR OF IRRIGATION TO MOVE PRODUCT INTO THE ROOT ZONE. SOIL SHOULD BE PRE IRRIGATED PRIOR TO APPLICATION.

HQ Comments:

NO ESTABLISHED TOLERANCES FOR ETHABOXAM ON AVOCADO; NO CURRENT USES ON ELUMIN LABEL FOR TREE FRUIT, REQUESTER INDICATED EFFICACY DATA IS AVAILABLE; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERY GOOD FIT; USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE; USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT PRACTICES, DIFFERENT MODE OF ACTION AND A ROTATIONAL PRODUCT;

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
08284 *	FLUAZINAM (ISK,SYNGEN)	* AVOCADO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: ANTHRACNOSE; FROM PROJECT NOMINATION JUSTIFICATION COMMENTS: VERY FEW EFFECTIVE FUNGICIDES ARE APPROVED ON AVOCADO; NEED DIFFERENT MOA TOOLS TO HELP IN RESISTANCE MANAGEMENT AND REDUCE USE OF COPPER, AND TO USE IN ROTATION STROBILURINS; NON-DISEASED FRUIT IS A MUST FOR COMMERCIAL PRODUCTION AND SALE; PROTECTING FRUIT WILL ALLOW FOR HIGH QUALITY FRUIT AND INCREASED SALES, A GOOD ECONOMIC IMPACT FOR FL GROWERS

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

HANDGUN OR AIR BLAST IN 150-500 GPA

HQ Comments:

NO SUPPORT FOR HANDGUN APPLIC:06/08; MFG REQUIRES EFFICACY DATA BEFORE RESIDUE STUDY:06/09; MFG HAS 2 TRIALS FROM MEXICO:09/16; ISK SUPPORTS HANDGUN APPLIC:05/21

Efficacy/Crop Safety (E/CS) Data Required:

3-5 GOOD TRIALS OVER 2 YEARS:09/16

Nomination Justification:

(2015 FL) Very few effective fungicide products are approved on avocados (copper, one strobirulines for scab, cercospora and anthracnosis) more fungicides with different mode of action are needed to reduce use of copper (toxic to soil already accumulated) and to use in alternation with strobs (A. Monterroso, FL). A= High priority for efficacy;(2016 FL) A for efficacy and crop safety. he restrictions on the use of copper makes registration of alternative products necessary for control scab and anthracnose. For resistance management purposes multipe products need to be available. Potential impact: Non-diseased fruit is a must for commercial production and sale. Florida's environment is condusive to scab and anthracnose and protecting fruit allow for high quality fruit and increased sales; economic impact is good for Fla. producers. J.Crane, UFL;(2021 FL) See previous comments.;

IPM Comments from PCR:

PER REQUESTOR 2016 NOMINATION COMMENT: VERY GOOD IPM FIT; ALTERNATIVES: COPPER - AMOUNT ALLOWED PER ACRE PER YEAR IS LIMITED AND OVER RELIANCE ON COPPER HAS LEAD TO COPPER TOXICITY ISSUES IN SOME GROVES; OTHER FUNGICIDES SUCH AS ABOUND, SWITCH AND VANGARD HAVE LIMITATIONS ON THE NUMBER OF APPLICATIONS PER YEAR, MUST BE ROTATED WITH FUNGICIDES THAT HAVE DIFFERENT MODES OF ACTION TO PREVENT RESISTANCE; EXCELLENT FIT FOR ROTATION OF FUNGICIDES TO CONTROL SCAB AND ANTHRACNOSE:09/16

IPM Comments from Nomination Process:

; Very Good Fit: See previous comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13241	FLUOPICOLIDE (VALENT)	* AVOCADO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PHYTOPTHORA ROOT AND CROWN ROT; ROTATIONAL PRODUCT TO OTHER REGISTRATIONS OF NEW PRODUCTS AND MODES OF ACTION; RESISTANCE MANAGEMENT BY ROTATION; PHYTOPTHORA RESISTANCE TO PHOSPHITES DEVELOPING;

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

PRESIDIO; 4 FL OZ/A (56.75 G/A OR 1.9 OZ AI/A); 1 SOIL APPLICATION PER YEAR; RETREATMENT INTERVAL 1 YEAR; PHI OF 30 DAYS; APPLY BY CHEMIGATION OR BY BAND APPLICATION FOLLOWED BY 6 HOURS OF IRRIGATION TO MOVE PRODUCT INTO THE ROOT ZONE. SOIL SHOULD BE PRE IRRIGATED PRIOR TO APPLICATION;

HQ Comments:

MFG WILL NOT SUPPORT 06/21; VALENT NOW SUPPORTS THE PROJECT:08/21

Nomination Justification:

(2021 CA) Se previous;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD FIT; USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE; USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT PRACTICES; LOW RATES PER ACRE; SPECIFIC TO OOMYCOTA ORGANISMS AND DOES NOT AFFECT NON-TARGETS;

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13267 *	PROPICONAZOLE (ADAMA,SYNGEN)	* AVOCADO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need:

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

0.25 FL OZ PER INCH OF TRUNK DIAMETER; 10008 FL OZ/ ACRE/ YEAR; SOIL DRENCH APLLIC; 2-3 APPLIC PER YEAR; REI- 3-6 MONTHS; PHI-0 DAYS;

HQ Comments:

MFG SUPPORTS ONLY E/CS TRIALS WITH DRENCH APPLIC OF TILT TO CONTROL LAUREL WILT. DEPENDING ON THE PERFORMANCE DATA, MFG WILL CONSIDER THE SUPPORT FOR CONDUCTING RESIDUE TRIALS.:07/21; EPA CAUTION: 08/21;

Nomination Justification:

(2021 FL) Drench application to prevent root-to-root spread of laurel wilt pathogen; Alternatives to copper compounds is a critical need for Fla. avocado producers.
;

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13074	TRIFLOXYSTROBIN + FLUOPYRAM (BAYER)	* AVOCADO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: ANTHRACNOSE AND OTHER FLOWER/FRUIT PATHOGENS; POTENTIAL FOR LAUREL WILT CONTROL; PREVENT POST-HARVEST DISEASES TO MAINTAIN FRUIT QUALITY

REQ STATES PR

NorthEast Region | **NorthCentral Region** | **Southern Region** | A | **Western Region**

Reduced Risk

PCR Use Pattern:

USE THE LUNA SENSATION PRODUCT; MAKE 2 FOLIAR DIRECTED APPLIC OF 0.222 LB AI/A OF BOTH AIs, 14-DAY INTERVAL, 14-DAY PHI

HQ Comments:

IS LIKELY AN EXPORT COMMODITY, BUT NO KEY EXPORT MARKET NOTED; THERE IS NO TOLERANCE FOR EITHER AI ON AVOCADO; OTHER IR-4 STUDIES WITH ONE OR BOTH AIs MAY PROVIDE SOME USEFUL DATA RELATED TO THIS REQUST, IF THE USE PATTERNS MATCH SUFFICIENTLY AND THE TARGETED AVOCADO DISEASES ARE CONTROLLED:06/20; MFG SUPPORTS, RESIDUE AND E/CS:09/20; EPA GREEN(BOTH):08/21

Nomination Justification:

(2020 FL) Anthracnose and other diseases affecting flowers and fruits are major issues for mango production, including for export; A request in avocado would cover entire group.;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT:06/20

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13222 *	FLUAZAINDOLIZINE (CORTEVA)	* BANANA (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: PLANT PARASITIC NEMATODES RADOPHOLUS SIMILIS, PRATYLENCHUS COFFEAE, HELICOTYLENCHUS MULTICINCTUS, MELOIDOGYNE INCOGNITA, ROTYLENCHULUS RENIFORMIS; LACK OF AVAILABLE PRODUCTS FOR NEMATODE MANAGEMENT

REQ STATES PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

SALIBRO, 1 LB. AI/A, 2 APPLICATIONS, MAKE FIRST APPLICATION TO SOIL INCORPORATED PRIOR TRANSPLANT. SECOND APPLICATION SOIL DIRECTED POST PLANTING; PHI OF 72 DAYS;

Nomination Justification:

(2021 FL) Lack of available products for nematode management.;

IPM Comments from PCR:

PER REQUESTOR: GOOD FIT; IT HAS POTENTIAL TO BE ALTERNATE WITH ETHOPROP AND OXAMIL. KEEPS SOIL HEALTH WHILE PRESERVING COMPATIBILITY FOR BENEFICIAL AND NON-TARGET ORGANISMS. COMPATIBLE TO CULTURAL PRACTICES SUCH AS CROP ROTATION, CROP DESTRUCTION RESIDUES, CORM TREATMENT AND CLEANING.

IPM Comments from Nomination Process:

; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11693	TRIFLOXYSTROBIN + FLUOPYRAM (BAYER)	* POMEGRANATE (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: BLACK HEART/ALTERNARIA ROT/ROT OF FRUIT, COLLETOTRICHUM, CERCOSPORA, BOTRYOSPHAERIA, PILIDELIA, OTHER FUNGAL PATHOGENS OF FRUIT AND FOLIAGE

REQ STATES CA FL GA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A	A	

PCR Use Pattern:

USE THE LUNA SENSATION COMBO PRODUCT; MAKE 2 FOLIAR APPLIC OF 6-8 FL OZ/A, 14-21 DAY INTERVAL, 35-DAY PHI

HQ Comments:

ONLY TWO COMPOUNDS ARE REGISTERED, WITH QUESTIONABLE EFFICACY AGAINST BLACK HEART:06/15; FLUOPYRAM IS EPA CAUTION:08/15; NEED THIS AS A ROTATIONAL PRODUCT IN A SUSTAINABLE DISEASE MANAGEMENT PROGRAM FOR FOLIAR AND FRUIT DISEASES IN SOUTHEAST STATES:09/15; FLUOPYRAM IS AN EPA GREEN:08/16; TRIFLOXYSTROBIN & FLUOPYRAM-EPA CAUTIONS:08/17; EPA GREEN:09/18; EPA CAUTION (BOTH) CHANGED TO EPA GREEN (BOTH):09/19; MFG NOW NEEDS ONLY RESIDUE DATA:06/20; EPA GREEN (BOTH): 08/20, 08/21

Nomination Justification:

(2019 CA) For control of black heart a difficult to control pest in pomegranate. May need efficacy data.;(2021 CA) See previous;(2021 FL) Anthracnose and other diseases affecting flowers and fruits are major issues for mango production, including for export; A request in avocado and pomegranate would cover entire group.
;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; NON-TOXIC TO BENEFICIALS; GOOD FIT FOR ALTERNATING IN A PROGRAM TO AVOID RESISTANCE SELECTION:06/15

Michilaides, T.	P11-CA-DMP	RECD	NONE	LUNA SENSATION AT 1, 10 AND 100 PPM IN LAB BIOASSAY, AND AT 5 FL OZ/A IN 'IN VITRO' AND FIELD EXPERIMENTS; PROMISING RESULTS.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11810 *	BOSCALID + PYRACLOSTROBIN (BASF)	MANGO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	TOL EST; NEED E/CS DATA TO ADD CROP/PEST

Reasons for need: ANTHRACNOSE

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

MAKE 7 FOLIAR APPLIC OF BAS 500F AT 0.2 LB AI/A + BAS 510F AT 0.5 LB AI/A AT 7-DAY INTERVALS; 0-DAY PHI

HQ Comments:

THIS REQUEST RESURRECTS PR# 08442 WHICH WAS NOT NOMINATED 3 YEARS IN A ROW/WITHDRAWN; MANGO USE IS ON THE PRISTINE MASTER LABEL (1.5 PPM TOLERANCE FOR BOSCALID, 0.6 PM TOLERANCE FOR PYRACLOSTROBIN), BUT NOT ON THE COMMERCIAL LABEL; NEED PERFORMANCE DATA TO SUPPORT COMMERCIAL LABELING:09/15; STILL NEED CROP SAFETY DATA TO SUPPORT PUTTING CROP ON THE END-USE LABEL:07/16; THERE STILL IS A NEED FOR E/CS DATA:05/19

Efficacy/Crop Safety (E/CS) Data Required:

CROP SAFETY TRIALS MUST TEST 12.5 - 25 OZ/A ON PROMINENT VARIETIES IN FL AND PR:07/16; EXAGGERATED RATE CROP SAFETY DATA ARE NEEDED:06/20

Nomination Justification:

(2016 FL) Mango production and acreage is increasing in Florida. Anthracnose is the major flower and fruit disease of mango in Florida; it must be controlled, if not, no fruit set and not fruit or fruit is unmarketable due to fungal rot. Potential impact: Control of this disease will increase marketable fruit yields and sales. Alternatives: Copper - not efficaceous and limits on use/acre/year; Bravo (chlorothalonil) - effective until fruit 1" in dia. then phytotoxic; Abound (group) - ; Flint (trifloxystrobin) - for powdery mildew not anthracnose; Mancozeb and Switch - effective but need to be rotated to keep efficaceous; others such as Oxidate (hydrogen peroxide+peroxyacetic acid) are of limited efficacy.J.Crane, UF;(2021 FL) See previous comments.;

IPM Comments from PCR:

PER REQUESTOR: GOOD IPM FIT; PER SOR 2016 NOMINATION COMMENT;VERY GOOD IPM FIT; EXCELLENT FOR RESISTANCE MANAGEMENT WITH USE OF OTHER FUNGICIDES WITH DIFFERENT MODES OF ACTION; THEREFORE, PRECLUDING DISEASES RESISTANCE AND PROLONGING THE USEFUL LIFE OF THESE PRODUCTS:09/16

Ploetz, Dr. Randy	P05-FL-DMP	RECD	NONE	PRISTINE AT 0.36 LB PROD/100 GAL ALT. MANZATE; CONTROLLED ANTHRACNOSE MUCH BETTER THAN MANZATE.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12989	TRIFLOXYSTROBIN + FLUOPYRAM (BAYER)	MANGO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: ANTHRACNOSE AND LASIODIPLODIA THEOBROMAE; TO PREVENT POST-HARVEST DISEASES CAUSED BY COLLETOTRICHUM GLEOSPORIOIDES AND LASIODIPLODIA THEOBROMAE

REQ STATES PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

USE THE LUNA SENSATION PRODUCT; MAKE 2 FOLIAR APPLIC, DIRECTED TO FOLIAGE AND FLOWERS/FRUIT, OF 6-8 FL OZ PRODUCT/A, 14-DAY INTERVAL, 7- DAY PHI

HQ Comments:

EUROPE NOTED AS A KEY EXPORT MARKET; ALTHOUGH THERE ARE RESIDUE STUDIES WITH THIS COMBO PRODUCT ON SEVERAL TROPICAL FRUITS (PAPAYA AND DRAGONFRUIT), THERE ARE NO TOLERANCES FOR EITHER AI ON SUBGROUP 24B REP CROPS AVOCADO OR POMEGRANATE:04/20; MFG SUPPORTS, RESIDUE AND EFFICACY DATA NEEDED (FOR LASIODIPLODIA ONLY); NO EFFICACY DATA NEEDED FOR ANTHRACNOSE, AND THERE ARE NO CROP SAFETY ISSUES OF CONCERN:06/20; EPA GREEN (BOTH):08/20, 08/21

Efficacy/Crop Safety (E/CS) Data Required:

NEED EFFICACY DATA TO SUPPORT LABELING FOR LASIODIPLODIA CONTROL; NO CROP SAFETY DATA REQUIRED:06/20

Nomination Justification:

(2021 FL) Important for anthracnose control and to prevent post-harvest diseases caused by lasiodiplodia theobromae and colletotrichum gleosporioides.;

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT; IT HAS THE POTENTIAL TO BE COMBINED WITH HOT WATER TREATMENT PRIOR TO EXPORT:04/20

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13019	FLUOPYRAM (BAYER)	* PINEAPPLE (24C=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, ROUGH OR HAIRY, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: RENIFORM NEMATODES (ROTYLENCHULUS RENIFORMIS), ROOT-KNOT NEMATODES (MELIODOGYNE SPP.), ROOT LESION NEMATODES (PRATYLENCHUS SPP.); TO CONTROL NEMATODES DURING THE CROP CYCLE

REQ STATES HI PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region		Reduced Risk
				A	

PCR Use Pattern:

USE THE VELUM ONE OR VELUM PRIME PRODUCT; MAKE 2 CHEMIGATION APPLIC OF 6.84 FL OZ PRODUCT/A, RE-TREATMENT INTERVAL 30 DAYS, 7-DAY PHI; APPLY AS CHEMIGATION INTO THE ROOT ZONE THROUGH LOW PRESSURE DRIP, TRICKLE, MICRO-SPRINKLER OR EQUIVALENT; APPLY NO MORE THAN 13.7 FL OZ VELUM ONE (0.446 LB AI)/A PER YEAR

HQ Comments:

THERE IS BAYER DATA THAT COULD BE USED TO SUPPORT AN IMPORT TOLERANCE; MFG SUPPORTS, RESIDUE ONLY:06/20; EPA GREEN: 08/20, 08/21

Nomination Justification:

(2020 CA) Nematode control is needed in this crop;(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT AT THIS TIME; WILL SUBMIT AT A LATER DATE:06/20; GOOD IPM FIT. PINEAPPLE CROPPING CYCLE IS 18 MONTHS FROM PLANTING TO FIRST HARVEST WITH SUBSEQUENT RATOON CROPS. GROWERS CURRENTLY USE A FUMIGANT NEMATICIDE THAT IS LIMITED TO PRE-PLANT APPLICATION ONLY. THERE ARE NO IN-SEASON TOOLS AVAILABLE TO CONTROL NEMATODES. FLUOPYRAM IS RELATIVELY NON TOXIC AND BENEFICIAL FOR APPLICATOR SAFETY. DIRECTED APPLICATION INTO ROOT ZONE THROUGH CHEMIGATION PREVENTS OFF-TARGET MOVEMENT OF PRODUCT RESULTING IN LESS ENVIRONMENTAL IMPACT.: 07/21;

Alvarado, R	P18-HI-DMP	RECD	NONE	TRIAL IN HONDURAS. VERANGO 50SC APPLIED POST PLANT AT 0.20 L/HA 5 TIMES, 0.25 L/HA 4 TIMES, AND 0.50 L/HA 2 TIMES; PERFORMANCE GENERALLY COMPARABLE TO THE COMMERCIAL STANDARD OXAMYL.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12525 *	SP2700 (SEPRO)	* PASSIONFRUIT (24E=TROPICAL AND SUBTROPICAL, VINE, INEDIBLE PEEL SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: CHLOROSIS, WOODINESS AND MOTTLE VIRUSES; THERE ARE NO PRODUCTS FOR VIRUS MANAGEMENT

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

USE THE SP2700 PRODUCT; MAKE FOLIAR APPLIC OF 22-44 FL OZ PRODUCT/A, 7-10 DAY INTERVALS; APPLY AS PREVENTATIVE OR IN EARLY STAGES OF SYMPTOMS; DO NOT MIX WITH ALKALINE MATERIALS

HQ Comments:

NO EXPORT MARKETS NOTED; MFG SUPPORTS, AND INDICATES A TOLERANCE EXEMPTION HAS BEEN REQUESTED; THE PRODUCT HAS BEEN SUBMITTED FOR REGISTRATION AT EPA, AND IS REGISTERED IN OTHER COUNTRIES; MFG MAY PROVIDE FINANCIAL GRANT TO OFFSET RESEARCH COSTS:06/18

Efficacy/Crop Safety (E/CS) Data Required:

SP2700 IS NOT KNOWN TO CAUSE PHYTO ON MANY DIFFERENT CROPS OVER THE YEARS, EVEN SEEDLINGS; EFFICACY IS THE MOST IMPORTANT TO ASSESS:09/18

Nomination Justification:

(2018 FL) CHLOROSIS, WOODINESS AND MOTTLE VIRUSES; THERE ARE NO PRODUCTS FOR VIRUS MANAGEMENT.
;(2020 FL) There are currently no products available for virus management in passionfruit; needed for PRSV management.;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; WILL NOT AFFECT PREDATORS AND PARASITES AND WILL NOT INTERFERE WITH OTHER STRATEGIES USED; IN FACT, IT WOULD BE PART OF THE IPM PROGRAM TO MANAGE VIRUS ON PASSIONFRUIT:06/18

IPM Comments from Nomination Process:

; Very Good Fit: See requestor comments.: Janine Spies

Monterroso, V. Armando	P18-FL-DMP	RECD	NONE	THREE TRIALS WITH SP700 ON TOBACCO, TOMATO AND ROSE IN NC, FL AND TN SHOWED SIGNIFICANT VIRUS CONTROL AND INCREASED CROP GROWTH AND YIELD.
Monterroso, V. Armando	P20-FL-DMP	RECD	NONE	SP2700 AT 3.9 OZ PROD/A SOIL DRENCH BIWEEKLY + 7.8 OZ PROD/A FOLIAR SPRAY WEEKLY; NO SIGNIFICANT DIFFERENCES IN PHYTOTOXICITY, VIRUS INCIDENCE AND SEVERITY BETWEEN TREATMENTS. YIELDS FROM SP2700 AND UNTREATED HIGHER THAN ENHANCER.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13242	DIMETHOMORPH + AMETOCTRADIN (BASF)	* BASIL (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: DOWNEY MILDEW; WE NEED MORE GOOD OPTION TO MAINTAIN PESTICIDE ROTATION;

REQ STATES CA NY FL

NorthEast Region		NorthCentral Region		Southern Region		Western Region		Reduced Risk
	A				A		A	

PCR Use Pattern:

14 FLOZ/A; AIR, CHEMIGATION, GROUND; 3 APPLICATIONS WITH RETREATMENT INTERVAL OF 5-7 DAYS AND PHI OF 0 DAYS;

HQ Comments:

MAY NEED EFFICACY DATA; MFG SUPPORTS SINGLE APPLIC OF ZAMPRO AT 14 FL OZ/A WITH ANNUAL MAX OF 42 FL OZ/A:06/21; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;(2021 MD) see previous comments;(2021 FL) Downy mildew is a continual problem on basil in FL, and we need efficacious chemistries with various modes of action for resistance management and control.;

IPM Comments from PCR:

PER REQUESTOR: UNKNOWN; GOOD FOR PESTICIDE ROTATION;

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13353	DIFENOCONAZOLE + AZOXYSTROBIN (SYNGEN)	* MINT (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: PWDERY MILDEW, EXPANDING THE FUNGICIDE PORTFOLIO FOR MINT PRODUCTION TO MANAGE RESISTANCE DEVELOPMENT.

REQ STATES OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	
				A

Reduced Risk

PCR Use Pattern:

QUADRIS TOP, 0.179 LB AZOXYSTROBIN/A + 0.112 LB DIFENOCONAZOLE/A; FOLIAR APPLICATION, 2 APPLICATIONS WITH A RETREATMENT INTERVAL OF 14 DAYS AND A PHI OF 7 DAYS; APPLY TO MINT CANOPY WIHT ADEQUATE SPRAY VOLUME, MAX 2 APPLICATIONS PER SEASON.

HQ Comments:

MAKE SURE TO BE ALIGNED WITH CANADA ON THIS. REFER TO PCR#13326- SOLO DIFEN REQUEST. MFG PREFERS COMBO (AZOXY + DIFEN) AS OPPOSED TO SOLO:09/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR GOODFIT, THIS ACTIVE WILLEXPAND THE SHORT LIST OF FUNGICIDES THAT ARE AVAILABLE TO MINT PRODUCERS. AS A WHOLE THE INDUSTRY RELIES ON ONLY A FEW FUNGICIDES FOR TEH SAME FOLIAR DISEASES.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13158	FENHEXAMID (UPL NA)	* MINT (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	UNDER EVALUATION

Reasons for need: BOTRYTIS BLIGHT; PLANTS CAN BE KILLED; CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON MINT AND OTHER GREENHOUSE HERBS GROWN FOR RETAIL SALE

REQ STATES NY

NorthEast Region	NorthCentral Region	Southern Region	Western Region
A			

Reduced Risk Yes

PCR Use Pattern:

USE THE DECREE PRODUCT; MAKE FOLIAR APPLIC OF 0.75 LB AI/100 GAL; NO OTHER USE PATTERN INFO PROVIDED BY REQUESTOR

HQ Comments:

THIS REQUEST IS FOR USE ON GH-GROWN MINT TRANSPLANTS FOR RETAIL SALE, SIMILAR TO REQUESTS FOR BASIL, ROSEMARY AND OTHER HERB TRANSPLANTS; NO KEY EXPORT MARKET NOTED; THIS REQUEST ALONG WITH PR# 12062/BASIL GH TRANSPLANTS WOULD COVER MANY HERBS:08/20; EPA GREEN:08/21

Nomination Justification:

(2021 MD) will complete residues for crop group;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; THIS AI HAS BEEN CLASSIFIED AS REDUCED RISK PRODUCT FOR ONE OR MORE FOOD USES AND WOULD BE PART OF AN IPM PROGRAM:08/20

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13108	AZOXYSTROBIN (SYNGEN)	MINT (GH TRANSPLANT) (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SOIL-BORNE PATHOGENS; THERE ARE NO PRODUCTS LABELED FOR THIS USE; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON HERB TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION

REQ STATES MI NY FL IN IA CA AL CT TN NH OH

NorthEast Region	B	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk	Yes

PCR Use Pattern:

USE THE HERITAGE PRODUCT; MAKE 2-3 DRENCH APPLIC, 7-14 DAY INTERVAL, 0-2 DAY PHI; RATE TO BE DETERMINED WITH THE MFG; APPLY WHILE IN THE PLUG, APPLY AT TRANSPLANT AND FOLLOWING TRANSPLANTING

HQ Comments:

ORIGINAL REQUEST WAS FOR GH HERB TRANSPLANTS, AND IT WAS SPLIT INTO TWO REQUESTS, FOR THE PROPOSED SUBGROUP REP CROPS MINT AND BASIL (PR# 13107); NO EXPORT MARKET NOTED; A FOLIAR USE ON HERB TRANSPLANTS IS ON THE HERITAGE LABEL, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) Herbs are an important component of GH sales and were especially popular in 2020 due to an increase in gardening interest. Products for use against root rot are not registered.;(2021 MI) Herbs for gardeners is expanding in popularity and sales. There are few fungicides registered for either foliar or root rot diseases.;(2021 MI) SOIL-BORNE PATHOGENS; THERE ARE NO PRODUCTS LABELED FOR THIS USE; PER NH ME-TOO REQUEST: GROWERS HAVE STRUGGLED TO CONTROL ROOT ROTS ON HERB TRANSPLANTS WITHOUT FUNGICIDE TOOLS; PER IN, CT AND CA ME-TOO REQUEST: THERE ARE NO PRODUCTS LABELED FOR USE AGAINST ROOT ROT; PER FL ME-TOO REQUEST: NEEDED FOR DISEASE MANAGEMENT FOR TRANSPLANT PRODUCTION;

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT; THIS IS A GOOD FIT FOR RESISTANCE MANAGEMENT AS THERE WILL NOT BE ADDITIONAL APPLICATIONS ONCE THE TRANSPLANTS ARE SOLD AT RETAIL:07/20; PER 2020 NCR NOMINATION COMMENT: SINCE FUNGICIDES WILL BE APPLIED ONLY IN THE GREENHOUSE, IT IS UNLIKELY THAT PATHOGEN RESISTANCE WILL OCCUR:08/20

IPM Comments from Nomination Process:

; Good Fit: this product would only be used in the greenhouse and there would be little risk of pathogen resistance.: Mary Hausbeck; Good Fit: Good Fit: this product would only be used in the greenhouse and there would be little risk of pathogen resistance.: Mary Hausbeck: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12068	FENHEXAMID (UPL NA)	ROSEMARY (GH TRANSPLANT) (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS

REQ STATES MI NY

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region

Reduced Risk Yes

PCR Use Pattern:

USE THE DECREE PRODUCT; APPLY 0.75 LAB AI/100 GAL AS A FOLIAR SPRAY (# OF APPLIC, INTERVAL, GPA, ETC., NOT PROVIDED)

HQ Comments:

THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16; EPA GREEN:09/18; MFG SUPPORTS (BY EMAIL 9/14/18):09/18; EPA GREEN:09/19 & 08/20, 08/21

Nomination Justification:

(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS;(2019 MI) (2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS;
;(2019 MD) need Botrytis control;(2021 MI) Rosemary is grown as a stock plant and cuttings are taken for propagation for sale to the gardening consumer. Botrytis can be an issue under cloudy conditions and fungicides can be needed when the weather is highly favorable.;(2021 MI) 2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS;(2019 MI) (2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER ROSEMARY:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH ROSEMARY TRANSPLANTS; ;(2019 MD) need Botrytis control;(2021 MI) Rosemary is grown as a stock plant and cuttings are taken for propagation for sale to the gardening consumer. Botrytis can be an issue under cloudy conditions and fungicides can be needed when the weather is highly favorable.;;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; IS A REDUCED RISK PRODUCT THAT WOULD BE PART OF AN IPM PROGRAM:09/16

IPM Comments from Nomination Process:

; Good Fit: This fungicide would be used for a limited time and there would be a reduced risk of pathogen developing resistance.: Mary Hausbeck; Good Fit: Good Fit: This fungicide would be used for a limited time and there would be a reduced risk of pathogen developing resistance.: Mary Hausbeck: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12067	FENHEXAMID (UPL NA)	SAGE (GH TRANSPLANT) (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS

REQ STATES MI NY

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region

Reduced Risk Yes

PCR Use Pattern:

USE THE DECREE PRODUCT; APPLY 0.75 LAB AI/100 GAL AS A FOLIAR SPRAY (# OF APPLIC, INTERVAL, GPA, ETC., NOT PROVIDED)

HQ Comments:

THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16; EPA GREEN:09/18; MFG SUPPORTS (BY EMAIL 9/14/18):09/18; EPA GREEN:09/19 & 08/20, 08/21

Nomination Justification:

(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS;(2019 MI) (2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS;
;(2019 MD) need Botrytis control;(2021 MI) Herbs have few options for fungicide control when cultural control is not enough. Botrytis is one of the most common and ubiquitous pathogens and causes foliar disease when the weather is favorable.;(2021 MI) 2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS;(2019 MI) (2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER SAGE:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH SAGE TRANSPLANTS; ;(2019 MD) need Botrytis control;(2021 MI) Herbs have few options for fungicide control when cultural control is not enough. Botrytis is one of the most common and ubiquitous pathogens and causes foliar disease when the weather is favorable.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; IS A REDUCED RISK PRODUCT THAT WOULD BE PART OF AN IPM PROGRAM:09/16

IPM Comments from Nomination Process:

; Good Fit: Given the limited time that the fungicide will be used, the risk of pathogen resistance is low.: Mary Hausbeck; Good Fit: Good Fit: Given the limited time that the fungicide will be used, the risk of pathogen resistance is low.: Mary Hausbeck: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12066	FENHEXAMID (UPL NA)	THYME (GH TRANSPLANT) (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS

REQ STATES MI NY

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region

Reduced Risk Yes

PCR Use Pattern:

USE THE DECREE PRODUCT; APPLY 0.75 LAB AI/100 GAL AS A FOLIAR SPRAY (# OF APPLIC, INTERVAL, GPA, ETC., NOT PROVIDED)

HQ Comments:

THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16; EPA GREEN:09/18; MFG SUPPORTS (BY EMAIL 9/14/18):09/18; EPA GREEN:09/19 & 08/20, 08/21

Nomination Justification:

(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;(2019 MI) (2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;;(2019 MD) need effective Botrytis control;(2021 MI) Few fungicides are available for use on herb transplants for the consumer. Yet, foliar and root rot diseases can occur.;(2021 MI) 2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;(2019 MI) (2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;(2018 MI) THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET; CONSIDER RESIDUE WORK ON REP CROPS BASIL (12062) AND CHIVES (12063) TO SET A SUBGROUP 19A HERB TOLERANCE THAT COULD COVER THYME:09/16, BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH THYME TRANSPLANTS;;(2019 MD) need effective Botrytis control;(2021 MI) Few fungicides are available for use on herb transplants for the consumer. Yet, foliar and root rot diseases can occur.;;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; IS A REDUCED RISK PRODUCT THAT WOULD BE PART OF AN IPM PROGRAM:09/16

IPM Comments from Nomination Process:

; Good Fit: Due to the limited the threat of pathogen resistance is low. Consumers do not have access to this fungicide.: Mary Hausbeck; Good Fit: Good Fit: Due to the limited the threat of pathogen resistance is low. Consumers do not have access to this fungicide.: Mary Hausbeck: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12585	AZOXYSTROBIN (SYNGEN)	MIRACLE FRUIT (26=SPICES CROP GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: ANTHRACNOSE AND OTHER FUNGAL PATHOGENS; THERE ARE NOT FUNGICIDES REGISTERED FOR MIRACLE FRUIT

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		Yes

PCR Use Pattern:

USE ABOUND FUNGICIDE (OR QUADRIS, WHICH INCLUDES THE USE ON SPICE SUBGROUP 19B); MAKE 5 FOLIAR APPLIC OF 6-15.5 OZ PRODUCT/A, 7-14 DAY INTERVAL, 0-DAY PHI; BEGIN APPLIC PRIOR TO OR AT ONSET OF DISEASE; AFTER 2 APPLIC, ALTERNATE WITH A PRODUCT WITH A DIFFERENT MODE OF ACTION

HQ Comments:

NO EXPORT MARKETS NOTED; THIS CROP IS PROPOSED TO BE IN THE SPICE CROP GROUP 26; THERE IS A TOLERANCE FOR AZOXYSTROBIN ON SPICE SUBGROUP 19B (EXCEPT BLACK PEPPER); COULD CONSIDER A CHEMSAC PROPOSAL BUT THE EXCLUSION OF BLACK PEPPER COULD BE AN ISSUE:08/18; MFG SUPPORTS, ONLY RESIDUE NEEDED (UNLESS ALSO IMPORTANT IN CA); MFG CONFIRMED EXPORTS TO TAIWAN:05/19; EPA GREEN:09/19 & 08/20 & 08/21; MFG CHANGED STATUS TO ALSO NEEDING E/CS DATA:09/20

Efficacy/Crop Safety (E/CS) Data Required:

EFF DATA NEEDED IF USE IS IMPORTANT IN CA:05/19

Nomination Justification:

(2019 FL) ANTHRACNOSE AND OTHER FUNGAL PATHOGENS; THERE ARE NOT FUNGICIDES REGISTERED FOR MIRACLE FRUIT;(2019 FL) See previous 2019 FL comments;(2020 FL) See requester's comments.;(2021 FL) See previous comments.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT PRACTICES AND WOULD FIT IN AN IPM DISEASE MANAGEMENT PROGRAM:08/18

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12586	CYPRODINIL + FLUDIOXONIL (SYNGEN)	MIRACLE FRUIT (26=SPICES CROP GROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: ANTHRACNOSE AND OTHER FUNGAL DISEASES; NOTHING REGISTERED FOR THIS CROP TO CONTROL FOLIAR DISEASES

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region
		A	

Reduced Risk Yes

PCR Use Pattern:

USE THE SWITCH 62.5 WG PRODUCT; MAKE 5 FOLIAR APPLIC OF 11-14 OZ PRODUCT/A, 7-10 DAY INTERVAL, 0-DAY PHI; BEGIN APPLIC PRIOR TO OR AT ONSET OF DISEASE; AFTER 2 APPLIC, ALTERNATE WITH A PRODUCT WITH A DIFFERENT MODE OF ACTION

HQ Comments:

NO EXPORT MARKETS NOTED; THIS CROP IS PROPOSED TO BE IN THE SPICE CROP GROUP 26; THERE IS A TOLERANCE FOR FLUDIOXONIL ON SPICE SUBGROUP 19B, BUT THERE IS NO CYPRODINIL TOLERANCE FOR 19B:08/18; MFG CHANGED TO RESIDUE RESEARCHABLE, AND EFF NEEDED IF IMPORTANT IN CA; MFG CONFIRMED EXPORTS TO TAIWAN:05/19; EPA GREEN (BOTH):09/19 & BOTH 08/20, 08/21

Efficacy/Crop Safety (E/CS) Data Required:

NEED EFF DATA IF CROP IS IMPORTANT TO CA:05/19

Nomination Justification:

(2019 FL) ANTHRACNOSE AND OTHER FUNGAL DISEASES; NOTHING REGISTERED FOR THIS CROP TO CONTROL FOLIAR DISEASES;(2019 FL) See previous 2019 FL comments;(2021 FL) See previous comments.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT PRACTICES AND WOULD FIT INTO AN IPM DISEASE CONTROL PROGRAM:08/18

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13079	TRIFLOXYSTROBIN + FLUOPYRAM (BAYER)	MIRACLE FRUIT (26=SPICES CROP GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: FUNGAL PATHOGENS; NOTHING REGISTERED TO CONTROL FUNGAL PATHOGENS OF FRUIT OR PLANT PARTS

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

USE THE LUNA SENSATION PRODUCT; MAKE 3-7 FOLIAR APPLIC OF 4.0-7.6 FL OZ PRODUCT/A, 7-14 DAY INTERVAL, 0-DAY PHI; APPLY AT CRITICAL TIMES FOR DISEASE CONTROL; ROTATE WITH OTHER MOA FUNGICIDES

HQ Comments:

NO KEY EXPORT MARKET NOTED; MIRACLE FRUIT WILL BE IN THE SPICE CROP GROUP 26, WITH DILL SEED AS A REP CROP; THERE IS A TOLERANCE ESTABLISHED ON DILL SEED FOR EACH AI IN THIS COMBO PRODUCT; IF THE USE PATTERN FOR MIRACLE FRUIT COULD BE SIMILAR TO THE LABELED USE PATTERN FOR DILL (TWO APPLIC OF 7.6 FL OZ/A, 7-DAY INTERVAL, 14-DAY PHI), A NO DATA CHEMSAC PROPOSAL WOULD BE POSSIBLE:07/20; MFG SUPPORTS, RESIDUE AND E/CS:09/20; EPA GREEN(BOTH):08/21

Nomination Justification:

(2021 FL) Nothing registered to control fungal diseases of the fruit.;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; COMPATIBLE WITH CULTURAL MANAGEMENT PROGRAM:07/20

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13179	BENZOVINDIFLUPYR + DIFENOCONAZOLE (SYNGEN)	COFFEE (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: COFFEE RUST, HEMILEIA VASTATRIX; THERE ARE NO FUNGICIDES REGISTERED IN COFFEE TO CONTROL COFFEE RUST EXCEPT COPPER BASED PRODUCTS; THERE IS AN URGENT NEED FOR FUNGICIDE PRODUCTS TO CONTROL COFFEE RUST DUE TO THE RECENT DETECTION OF THIS PATHOGEN IN HAWAII

REQ STATES HI PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A	A	

PCR Use Pattern:

USE APPROVIA TOP PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.103 LB AI BENZO + 0.068 LB AI DIFEN/A, APPLIED AT A 7-14 DAY INTERVAL, 14-DAY PHI

HQ Comments:

A KEY EXPORT MARKET IS NOTED AS JAPAN; FOR BENZOVINDIFLUPYR THERE IS A COFFEE, GREEN BEAN, TOLERANCE BUT NO REGISTRATION IN THE U.S.; THERE IS NO COFFEE TOLERANCE FOR DIFENOCONAZOLE; INT'L DATA MAY BE AVAILABLE TO SUPPORT THE U.S. USE; THE REQUESTED USE PATTERN LINES UP WITH OTHER CROPS FOR CONTROL OF RUST DISEASES; MFG SUPPORTS THE REQUEST, RESIDUE AND E/CS DATA NEEDED; MFG HAS REGISTRATION IN BRAZIL AND IS WORKING ON REGISTRATIONS IN OTHER LATIN AMERICAN COUNTRIES; MFG MAY BE ABLE TO PROVIDE FIELD/LAB RESEARCH ASSISTANCE, AND IS CONSIDERING FINANCIAL SUPPORT:10/20; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;(2021 FL) Efficacy for coffee leaf rust; It has the potential to be combined with cooper products under IPM programs for coffee rust control.;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; THIS PRODUCT CAN BE ROTATED WITH COPPER PRODUCTS TO CONTROL COFFEE RUST; QUADRIS XTRA (FRAC CODES 11, 3) IS PROGRESSING TOWARDS REGISTRATION FOR COFFEE RUST; BENZOVINDIFLUPYR (FRAC 7) ADDS AN ADDITIONAL MODE OF ACTION AND WILL BE USEFUL IN ROTATIONAL PROGRAMS FOR RESISTANCE MANAGEMENT:10/20

IPM Comments from Nomination Process:

; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13259	PICOSTROBIN + CYPROCONAZOLE (CORTEVA)	COFFEE (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: COFFEE LEAF RUST, HEMILEIA VASTATRIX; THERE ARE NO FUNGICIDES REGISTERED IN COFFEE TO CONTROL COFFEE LEAF RUST EXCEPT COPPER BASED PRODUCTS. THERE IS AN URGENT NEED FOR SYSTEMIC FUNGICIDES DUE TO THE RECENT INTRODUCTION OF COFFEE LEAF RUST IN HAWAII.

REQ STATES HI PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

APROACH PRIMA; FOLIAR DIRECTED SPRAY; RATE OF 0.088 LBS PICOXYSTROBIN/ACRE + 0.036 LBS CYPROCONAZOLE/ACRE; MAKE THE FIRST APPLICATION AS A PREVENTATIVE SPRAY BEFORE THE DISEASE IS OBSERVED IN THE FIELD. MAKE A TOTAL OF 3 APPLICATIONS AT 7 DAY RETREATMENT INTERVALS. DO NOT APPLY MORE THAN 20.4 FL OZ PRODUCT PER ACRE PER YEAR; PHI OF 30 DAYS;

HQ Comments:

CYPROCONAZOLE: 0.1 PPM IMPORT TOLERANCE ON COFFEE, BEAN, GREEN; PICOXYSTROBIN: NO ESTABLISHED IMPORT OR DOMESTIC TOLERANCES; APROACH PRIMA IS BEING USED IN IR-4 IS PROTOCOL IS00399 FOR COFFEE RUST AT THE RATE AND USE PATTERN; EPA GREEN (BOTH):08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR: GOODFIT; PRIAXOR XEMIUM IS PROGRESSING TOWARDS REGISTRATION IN COFFEE. THE CYPROCONAZOLE IN APROACH PRIMA ADDS AND ADDITIONAL MODE OF ACTION AND WILL BE USEFUL IN ROTATIONAL PROGRAMS FOR RESISTANCE MANAGEMENT. BOTH PRIAXOR XEMIUM AND APROACH PRIMA CONTAIN STROBILURINS, BUT THESE PRODUCTS CAN BE PUT INTO ROTATION WITH COPPER PRODUCTS TO MANAGE RESISTANCE.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13294	AZOXYSTROBIN + TEBUCONAZOLE (ADAMA)	HEMP (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: BOTRYTIS, DOWNY MILDEW, RUSTS, BIPOLARIS/COCHLIOBOLUS, ANTHRACNOSE, CERCOSPORA, RHIZOCTONIA, SEPTORIA; NO CONVENTIONAL FUNGICIDES ARE REGISTERED FOR THIS CROP. THIS IS A BROAD SPECTRUM COMBINATION FOR A GOOD CHOICE FOR EARLY REGISTRATION.

REQ STATES FL KY

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

CUSTODIA, 17.2 FL OZ/A, 2 APPLICATIONS, A 7 DAY RETREATMENT INTERVAL AND A 0 DAY PHI.

Nomination Justification:

(2021 MI) BOTRYTIS, DOWNY MILDEW, RUSTS, BIPOLARIS/COCHLIOBOLUS, ANTHRACNOSE, CERCOSPORA, RHIZOCTONIA, SEPTORIA; NO CONVENTIONAL FUNGICIDES ARE REGISTERED FOR THIS CROP. THIS IS A BROAD SPECTRUM COMBINATION FOR A GOOD CHOICE FOR EARLY REGISTRATION.;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THIS PRODUCT IS BROAD SPECTRUM TO SUPPORT THIS GROWING INDUSTRY THAT HAS VERY LIMITED PRODUCTS.

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR VERYGOODFIT, THIS PRODUCT IS BROAD SPECTRUM TO SUPPORT THIS GROWING INDUSTRY THAT HAS VERY LIMITED PRODUCTS.: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13058	CYAZOFAMID (ISK)	HEMP (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: PYTHIUM; PYTHIUM IS A PROBLEM IN BOTH FIELD AND GREENHOUSE HEMP PROGRAMS; THIS MATERIAL IS POTENTIALLY VERY IMPORTANT TO THE INDUSTRY; PER KY ME-TOO REQUEST: PYTHIUM ROOT ROT AFFECTS FIELD AND GH-GROWN HEMP IN KY; A BROAD SPECTRUM FUNGICIDE IS CRITICAL FOR THIS CROP; PER VA ME-TOO REQUEST: WITHOUT RANMAN HELP, GROWERS HAVE NO EFFECTIVE OOMYCETICIDE TO CONTROL PYTHIUM IN THE GH AND FIELD; PER NY ME-TOO REQUEST: NY HAS HAD SIGNIFICANT PROBLEMS WITH ROOT ROT AND DAMPING OFF, AS WELL AS TOTAL MATURE PLANT COLLAPSE IN HEMP; PYTHIUM HAS BEEN ISOLATED FROM MANY OF THOSE PLANTS; THERE IS A LACK OF REGISTERED AND EFFECTIVE PRODUCTS TO CONTROL THIS PATHOGEN; PER AL ME-TOO REQUEST: PYTHIUM WAS A SIGNIFICANT PROBLEM FOR HEMP GROWERS IN AL IN 2020; THERE ARE NO EFFECTIVE PRODUCTS CURRENTLY AVAILABLE FOR CONTROL OF THIS DISEASE; THIS AI WOULD TARGET PYTHIUM IN BOTH FIELD AND GH PRODUCTION; PER TX ME-TOO REQUEST: THERE ARE NO PYTHIUM CONTROL PRODUCTS FOR HEMP, ESPECIALLY IN THE GH; PER LA ME-TOO REQUEST: NEED THIS USE DUE TO DISEASE LOSSES, ACREAGE INCREASES AND LACK OF REGISTERED/EFFECTIVE PRODUCTS; PER MD ME-TOO REQUEST: HEMP PRODUCTION IN THE MID-ATLANTIC WILL NOT BE FEASIBLE WITHOUT PRODUCTS AVAILABLE TO MANAGE DISEASE PESTS

REQ STATES FL KY VA AZ TX AL KS NY LA MD MO OK

NorthEast Region	B	NorthCentral Region	A	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

USE THE RANMAN PRODUCT; MAKE 3-5 FOLIAR APPLIC, AT A USE RATE PER CURRENT LABEL; 7-14 DAY APPLIC INTERVAL, 1-7 DAY PHI; OTHER USE DIRECTIONS NOTED TO BE PER CURRENT LABEL (HQ SUGGESTS A SOIL DRENCH MAY BE BETTER FOR PYTHIUM CONTROL; BOTH HQ AND ISK PATHOLOGISTS SUGGEST MULTIPLE USE PATTERNS FOR VARIOUS DISEASES, INCLUDING PYTHIUM; SHOULD THIS BECOME A PRIORITY "A" RESIDUE STUDY, THOSE DETAILS WILL NEED TO BE INCORPORATED INTO A STUDY PROTOCOL)

HQ Comments:

THIS REQUEST IS FOR USE ON FIELD AND GH-GROWN HEMP; NO KEY EXPORT MARKET NOTED:06/20; ISK SUPPORTS, RESIDUE AND E/CS DATA NEEDED; MFG SUPPORTS THIS REQUEST PROVIDED THE LEGAL AND REGULATORY ENVIRONMENT AT THE TIME OF REGISTRATION IS UNCHANGED OR LESS RESTRICTIVE, AND THE ADDITION OF THE USE TO THE LABEL DOES NOT PLACE ISK IN ANY LEGAL JEOPARDY; ADDITION OF THE CROP TO THE LABEL DEPENDS ON AN INTERNAL REVIEW OF EFFICACY OF USE AND THE CURRENT REGULATORY STATUS:08/20; EPA GREEN:08/21

Nomination Justification:

(2020 MD) see previous comments;(2020 CA) see previous;(2020 FL) Pythium has bee identified as one of the top pathogens especially in GH hemp.;(2021 MI) PYTHIUM; PYTHIUM IS A PROBLEM IN BOTH FIELD AND GREENHOUSE HEMP PROGRAMS; THIS MATERIAL IS POTENTIALLY VERY IMPORTANT TO THE INDUSTRY; PER KY ME-TOO REQUEST: PYTHIUM ROOT ROT AFFECTS FIELD AND GH-GROWN HEMP IN KY; A BROAD SPECTRUM FUNGICIDE IS CRITICAL FOR THIS CROP; PER VA ME-TOO REQUEST: WITHOUT RANMAN HELP, GROWERS HAVE NO EFFECTIVE OOMYCETICIDE TO CONTROL PYTHIUM IN THE GH AND FIELD; PER NY ME-TOO REQUEST: NY HAS HAD SIGNIFICANT PROBLEMS WITH ROOT ROT AND DAMPING OFF, AS WELL AS TOTAL MATURE PLANT COLLAPSE IN HEMP; PYTHIUM HAS BEEN ISOLATED FROM MANY OF THOSE PLANTS; THERE IS A LACK OF REGISTERED AND EFFECTIVE PRODUCTS TO CONTROL THIS PATHOGEN; PER AL ME-TOO REQUEST: PYTHIUM WAS A SIGNIFICANT PROBLEM FOR HEMP GROWERS IN AL IN 2020; THERE ARE NO EFFECTIVE PRODUCTS CURRENTLY AVAILABLE FOR CONTROL OF THIS DISEASE; THIS AI WOULD TARGET PYTHIUM IN BOTH FIELD AND GH PRODUCTION; PER TX ME-TOO REQUEST: THERE ARE NO PYTHIUM CONTROL PRODUCTS FOR HEMP, ESPECIALLY IN THE GH; PER LA ME-TOO REQUEST: NEED THIS USE DUE TO DISEASE LOSSES, ACREAGE INCREASES AND LACK OF REGISTERED/EFFECTIVE PRODUCTS; PER MD ME-TOO REQUEST: HEMP PRODUCTION IN THE MID-ATLANTIC WILL NOT BE FEASIBLE WITHOUT PRODUCTS AVAILABLE TO MANAGE DISEASE PESTS (2020 MD) see previous comments;(2020 CA) see previous;(2020 FL) Pythium has bee identified as one of the top pathogens especially in GH hemp.;;(2021 FL) Pythium is a major disease of field and GH hemp, Phytophthora is emerging as a major root rot in the south; efficacy and crop safety data available for both diseases using Ranman (cyazofamid).;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; THIS MATERIAL HAS GOOD ACTIVITY ON PYTHIUM WHICH IS FOUND ON HEMP; THIS MATERIAL WOULD WORK WELL IN BOTH FIELD AND GH:06/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; THIS MATERIAL HAS GOOD ACTIVITY ON PYTHIUM WHICH IS FOUND ON HEMP; THIS MATERIAL WOULD WORK WELL IN BOTH FIELD AND GH:06/20 : Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13072 *	PYRIOFENONE (ISK)	HEMP (99=MISC GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: POWDERY MILDEW; POWDERY MILDEW IS BOTH A GH AND FIELD PROBLEM; THIS CONVENTIONAL PESTICIDE WILL PERMIT ROTATION OF DISEASE MANAGEMENT TOOLS; PER MD ME-TOO REQUEST: HEMP PRODUCTION IN THE MID-ATLANTIC WILL NOT BE FEASIBLE WITHOUT PRODUCTS AVAILABLE TO MANAGE DISEASE PESTS

REQ STATES FL VA AZ MD KY

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
B	A			

PCR Use Pattern:

USE THE PROLIVO PRODUCT; MAKE 3-4 FOLIAR/CHEMIGATION APPLIC OF 0.078-0.098 LB AI/A, 7-14 DAY INTERVAL, 0-5 DAY PHI; OTHER USE DIRECTIONS PER CURRENT LABEL

HQ Comments:

THIS REQUEST IS FOR FIELD AND GH-GROWN HEMP; NO KEY EXPORT MARKET NOTED:06/20; MFG SUPPORTS, RESIDUE AND E/CS DATA REQUIRED; MFG SUPPORTS THIS REQUEST PROVIDED THE LEGAL AND REGULATORY ENVIRONMENT AT THE TIME OF REGISTRATION IS UNCHANGED OR LESS RESTRICTIVE, AND THE ADDITION OF THE USE TO THE LABEL DOES NOT PLACE ISK IN ANY LEGAL JEOPARDY; ADDITION OF THE CROP TO THE LABEL DEPENDS ON AN INTERNAL REVIEW OF EFFICACY OF USE AND THE CURRENT REGULATORY STATUS:08/20

Nomination Justification:

(2021 MI) POWDERY MILDEW; POWDERY MILDEW IS BOTH A GH AND FIELD PROBLEM; THIS CONVENTIONAL PESTICIDE WILL PERMIT ROTATION OF DISEASE MANAGEMENT TOOLS; PER MD ME-TOO REQUEST: HEMP PRODUCTION IN THE MID-ATLANTIC WILL NOT BE FEASIBLE WITHOUT PRODUCTS AVAILABLE TO MANAGE DISEASE PESTS;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; POWDERY MILDEW IS A MAJOR CHALLENGE FOR GH PRODUCTION OF HEMP; FIELD ALSO GETS THIS IN WET YEARS; IT WOULD MAKE A GOOD ROTATION FUNGICIDE FOR MILDEW IN HEMP:07/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; POWDERY MILDEW IS A MAJOR CHALLENGE FOR GH PRODUCTION OF HEMP; FIELD ALSO GETS THIS IN WET YEARS; IT WOULD MAKE A GOOD ROTATION FUNGICIDE FOR MILDEW IN HEMP:07/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13215	PENTHIOPYRAD (DUPONT)	PEANUT (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SEEDLING DISEASES OF PEANUT, ESPECIALLY ASPERGILLUS NIGER, ASPERGILLUS FLAVUS, AND RHIZOCTONIA SOLANI. SEEDLING DISEASES, ESPECIALLY ASPERGILLUS CROWN ROT (A. NIGER) CAN COST GROWERS SIGNIFICANT YIELD, INCREASE THE SEVERITY OF TOMATO SPOTTED WILT, AND NECESSITATE COSTLY REPLANTS. HISTORICALLY, AZOXYSTROBIN HAS BEEN THE PRODUCT OF CHOICE FOR PEANUT FARMERS IN THE UNITED STATES TO BATTLE SEEDLING DISEASES. HOWEVER, FUNGICIDE RESISTANCE IS NOW CONFIRMED FOR A. NIGER AND A. FLAVUS TO AZOXYSTROBIN. GIVEN THAT ASPERGILLUS CROWN ROT (A. NIGER) IS THE MOST IMPORTANT SEEDLING DISEASE OF PEANUT IN THE SOUTHEASTERN UNITED STATES, OUR GROWERS DESPERATELY NEED NEW FUNGICIDE OPTIONS FOR MANAGEMENT. IN RECENT STUDIES, PENTHYOPYRAD HAS PERFORMED EXCEPTIONALLY WELL.

REQ STATES GA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		Yes

HQ Comments:

IN-FURROW APPLIC ONLY; EVALUATE IF A CHEMSAC PEITION WOULD COVER TO BRIDGE FOLIAR USE WHICH IS ALREADY APPROVED; IF APPLICABLE, SUBMIT ALONG WHEN ANOTHER SUBMISSION IS MADE; DOCUMENTATION NEEDED ON PUBLIC INTEREST CRITERIA MUST BE SATISFIED SINCE PEANUT IS NOT A SPECIALTY CROP; 06/21; EPA GREEN:08/21

Nomination Justification:

(2021 FL) Fungicide resistance has been demonstrated for important seedling diseases of peanut (Aspergillus niger - crown rot); new options needed for management; penthiopyrad shows excellent efficacy against these diseases.;

IPM Comments from PCR:

PER REQUESTOR, GOOD FIT, USEFUL IN CONTROLLING POPULATIONS WITH ESTABLISHED PESTICIDE RESISTANCE. 2. USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT RECOMMENDATIONS TO INCLUDE PLANTING DATE AND CROP ROTATION.

Brenneman, T.B.	P21-GA-DMP	RECD	NONE	FONTELIS AT 16 AND 24 FL OZ/A APPLIED IN-FURROW; EFFECTIVE CONTROL OF SEEDLING DISEASES, RESULTING IN INCREASED YIELD.

2021 Food Use Workshop Priority 'A' Nominations

Plant Pathology

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13220	MANDIPROPAMID + DIFENOCONAZOLE (SYNGEN)	QUINOA (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: NEEDED TO CONTROL DOWNY MILDEW

REQ STATES CO

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

HQ Comments:

EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, GOOD FIT; IMPORTANT FOR IPM PROGRAM FOR QUINOA IN COLORADO.

Total # of PRs:	**71**
Total # of Trials:	**16**
Total # Chemical:	**35**
Total # Commodity:	**45**