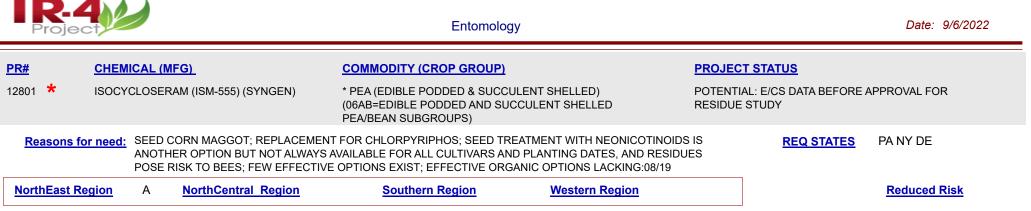
The			2022 F0	od Use workshop	Priority A	Nomir	lations	
Proj	ect			Entomology				Date: 9/6/2022
<u>PR#</u>	CHEM	MICAL (	MFG)	COMMODITY (CROP GROUP)		PROJE	CT STATUS	
13485	BIFEN	ITHRIN	(ADAMA,AMVAC,FMC)	* ONION (03-07AB=ONION BULB AN	D GREEN SUBGROUPS)	) RESEAF	CHABLE, RESIDUE & E/C	S DATA NEEDED
Reasons	<u>s for need</u>	-	CORN MAGGOT; OTHER TREAT	MENTS HAVE LOST REGISTRATION, C /E;	HLORPYRIFOS, AND SC	OME OTHER	REQ STATES	WA
<u>NorthEast</u>	t Region	В	NorthCentral Region	Southern Region	Western Region	А		Reduced Risk
Nominatio	LFR: DOSA	ation:	FL OZ/A, BANDED AT PLANT OR MD) see database comments;	POST PLANT WATER INCORPORATED	, 1 APPLICATION		_	
IPM Com	nents fron	n PCR:						
PER REQU	JESTER: FA	NR FIT;	RESISTANCE MANAGEMENT TO	OL:08/22				
IPM Comm	nents fron	n Nomi	nation Process:					
; Fair Fit: S	See previous	s: Micha	el Horak; Fair Fit: see database co	mments: Marylee Ross				

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### PCR Use Pattern:

NO USE PATTERN DETAILS PROVIDED (ALL TBD)

### HQ Comments:

NO KEY EXPORT MARKET NOTED; REQUEST WAS FOR LEGUMES (SNAP BEANS, PEAS), AND WAS MADE INTO PEA AND SNAP BEAN (PR# 12800):08/19; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/19; MFG CHANGED TO POTENTIAL, FROM RESEARCHABLE, AT FUW:09/24/19

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

MFG NEEDS IN-FURROW EFFICACY DATA:09/19

### Nomination Justification:

(2019 AR) Replacement seed treatment needed for chlorpyrifos and neonicotonoids.;(2019 MD) see requester's comments;(2020 MD) see requester's comments;(2021 MD) same as previous;(2022 MD) DE indicated work that has been done this year (2022) and there may be potential in a MFG objective.;

#### **IPM Comments from PCR:**

PER REQUESTER: UNKNOWN IPM FIT; FEW EFFECTIVE OPTIONS CURRENTLY EXIST; THE ONES THAT DO EXIST HAVE BEEN NOTED FOR PROBLEMS WITH HUMAN TOXICITY (CHLORPYRIPHOS) OR BEE SAFETY (NEONICOTINOIDS):08/19; PER 2019 NOMINATION COMMENT: GOOD IPM FIT; ORGANOPHOSPHATE REPLACEMENT; PER NER 2020 NOMINATION COMMENT: OP AND NEONIC REPLACEMENT

### IPM Comments from Nomination Process:

; Good Fit: see database comments: Marylee Ross

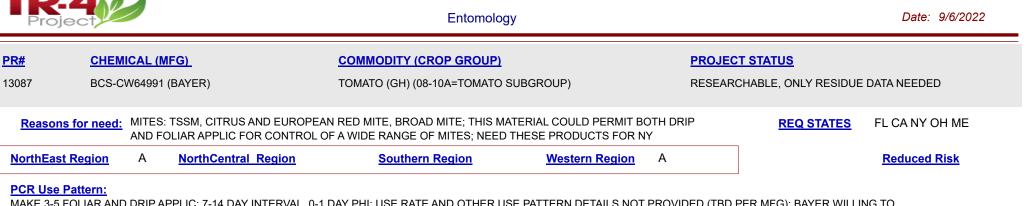
Proj	ect	Entomology		Date: 9/6/2022
<b>PR#</b> 13474	CHEMICAL (MFG) ACYNONAPYR (GOWAN)	COMMODITY (CROP GROUP) TOMATO (GH) (08-10A=TOMATO SUBGROUP)	PROJECT STATUS UNDER EVALUATION	
<u>Reason</u> :	s for need: 33;	STANCE MANAGEMENT. ACTIVE BELONGS TO A NEW IRAC GR	ROUP; GROUP REQ STATES	FL ME CA
NorthEast	t Region A <u>NorthCentral Region</u>	Southern Region A Western Region	A	Reduced Risk
PCR Use KODAMA;	Pattern: PHI 1 DAY; DOSAGE- TBD			
Nominatio	on Justification:			
(2022 CA) \$	See PCR Request;(2022 FL) See requestor commen	is.;(2022 MD) see database comments;		
IPM Comr	ments from PCR:			
PER REQU	JESTER: VERY GOOD FIT; AI REDUCES POPULAT	IONS OF PREDATORY MITES AND OTHER BIOLOGICAL CONT	ROL AGENTS BY LESS THAN 30%:07/22	

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## **IPM Comments from Nomination Process:**

The

; Very Good Fit: See PCR request: Michael Horak; Very Good Fit: See requestor comments.: Janine Spies; Very Good Fit: see database comments: Marylee Ross



MAKE 3-5 FOLIAR AND DRIP APPLIC; 7-14 DAY INTERVAL, 0-1 DAY PHI; USE RATE AND OTHER USE PATTERN DETAILS NOT PROVIDED (TBD PER MFG); BAYER WILLING TO SUPPORT ONLY FOLIAR USES AND NOT SOIL APPLIED: 09/22

**HQ Comments:** 

CANADA NOTED AS A KEY EXPORT MARKET; MFG MAINTAINING "UNDER EVAL" AS THEY FINE TUNE PLANS:08/20;

### **Nomination Justification:**

(2022 MD) GH apps MFG will only support foliar. Increasing need for mite control on gh tomatoes in NY.;(2022 CA) See previous;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; UP TO 25 DAYS RESIDUAL ACTIVITY; FOLIAR APPLIC FOR MITES ON A 40 ACRE GH TAKES 40+ HOURS; DRIP CAN BE DONE IN 20 MINUTES:08/20

### IPM Comments from Nomination Process:

; Unknown: : Marylee Ross; Very Good Fit: See previous: Michael Horak

The			2022 FU		p Phoney A		mations	
Proje	ect.			Entomology	1			Date: 9/6/2022
<u>PR#</u>	CHE	MICAL (	MFG)	COMMODITY (CROP GROUP)		<u>PROJ</u>	IECT STATUS	
13403	ISOC	YCLOSE	RAM (ISM-555) (SYNGEN)	TOMATO (GH) (08-10A=TOMATO S	UBGROUP)	RESE	ARCHABLE, RESIDUE & E/C	S DATA NEEDED
<u>Reasons</u>	for need	TSSM GROL		EKEY INSECTS FOR GREENHOUSE I	PRODUCTION; THIS IS IN	IRAC	REQ STATES	FL CA KY ME MI NH NY
<u>NorthEast</u>	<u>Region</u>	А	NorthCentral Region	Southern Region A	Western Region	А		Reduced Risk
PCR Use P	attern:							

ISOCYCLOSERAM AT A RATE OF 296 G AI/HA AS A FOLIAR APPLIC, WITH 2-3 APPLIC PER CROP; RE-TREATMENT INTERVAL 7-14 DAYS, 0-1 DAY PHI; FOLIAR APPLIC AT LABELED RATE; NO KNOWN LIMITATIONS:01/22; RATE APPEARS TO BE INCORRECT; FOLLOW DFU'S LISTED BELOW UNDER E/CS DATA REQUIREMENTS:03/22

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

DFUS - 90 G AI/HA, 3 FOLIAR APPLIC, 7-DAY RTI, 1-DAY PHI:03/22

### **Nomination Justification:**

(2022 MD) great product for thrips.;(2022 CA) See PCR text;(2022 FL) See requestor comments.;

### **IPM Comments from PCR:**

PER REQUESTER, A VERY GOOD FIT; INSECTICIDES FOR USE IN GREENHOUSE, ESPECIALLY WITH A NEW IRAC GROUP, ARE KEY TO MANAGING INSECT PESTS; TSSM MANAGEMENT IS A MAJOR CHALLENGE; THIS INSECTICIDE ALSO HAS SOME COLEOPTERA ACTIVITY

### **IPM Comments from Nomination Process:**

; Very Good Fit: see database comments: Marylee Ross; Very Good Fit: See PCR text: Michael Horak; Very Good Fit: See requestor comments.: Janine Spies

The		2022 FO	ou use works	noh	Priority A		minations	
Pro	oject		Entor	ology				Date: 9/6/2022
<u>PR#</u>	CHEMICAL (MF	<u>G)</u>	COMMODITY (CROP GRO	UP)		E	PROJECT STATUS	
13476	ACYNONAPYR (	GOWAN)	EGGPLANT (GH) (08-10BC=F PEPPER/EGGPLANT SUBGR			ι	JNDER EVALUATION	
<u>Reaso</u>	ons for need: SPIDER IRAC GR	,	CT FOR RESISTANCE MANAGE	MENT A	AS ACTIVE BELONGS TO	A NEW	REQ STATES	FL ME CA
<u>NorthEa</u>	ast Region A	NorthCentral Region	Southern Region	А	Western Region	А		Reduced Risk
	<mark>e Pattern:</mark> A; PHI 1 DAY; DOSAGE- <sup>-</sup>	TBD						
Nominat	tion Justification:							

(2022 CA) See PCR request;(2022 FL) See requestor comments.;(2022 MD) see database comments;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD FIT; ACTIVE REDUCES POPULATIONS OF PREDATORY MITES AND OTHER BIOLOGICAL CONTROL AGENTS BY LESS THAN 30%:07/22

### **IPM Comments from Nomination Process:**

; Very Good Fit: See PCR request: Michael Horak; Very Good Fit: See requestor comments.: Janine Spies; Very Good Fit: see database comments: Marylee Ross

Proje	ct			Entomology			Date: 9/6/2022
<b>PR#</b> 13090		<b>ICAL (M</b> W64991 (		COMMODITY (CROP GROUP) EGGPLANT (GH) (08-10BC=PEPPEF PEPPER/EGGPLANT SUBGROUPS)		E <mark>T STATUS</mark> CHABLE, ONLY RESIDUE	DATA NEEDED
<u>Reasons fo</u>		AND FO	LIAR APPLIC FOR CONTROL O		 	REQ STATES	FL CA ME
HQ Commer	ttern: LIAR ANE hts:			Southern Region DAY PHI; USE RATE AND OTHER USE NG "UNDER EVAL" AS THEY FINE TUP	,		<u>Reduced Risk</u>

## **Nomination Justification:**

The

(2021 MD) strong interest in NE for this product to control mites;(2022 CA) See previous;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; UP TO 25 DAYS RESIDUAL ACTIVITY; FOLIAR APPLIC FOR MITES ON A 40 ACRE GH TAKES 40+ HOURS; DRIP CAN BE DONE IN 20 MINUTES:08/20

### **IPM Comments from Nomination Process:**

; Very Good Fit: See previous: Michael Horak

Projec		Entomology		Date: 9/6/2022
PR# 12299 *	CHEMICAL (MFG) SPIROPIDION (SYNGEN)	COMMODITY (CROP GROUP) EGGPLANT (GH) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	PROJECT STATUS NEED E/CS DATA ONLY	
<u>Reasons fo</u>	r need: THRIPS, WHITEFLIES, APHIDS		REQ STATES	FL ME AZ MI
NorthEast Re	gion NorthCentral Region	Southern Region A <u>Western Region</u>		Reduced Risk

## PCR Use Pattern:

MAKE MULTIPLE FOLIAR APPLIC, LOW USE RATE, 7-14 DAY INTERVAL, 0-1 DAY PHI; OTHER DIRECTIONS OF USE PER MFG; FOR CANADA USE- MAX RATE OF 120 G AI/HA WITH A LIMIT OF 2 APPLIC; ADJUVANT RATE MAINTAINED AT 0.1%, BUT LIMIT THE TOTAL LOAD TO 0.5L/HA:06/21

### **HQ Comments:**

TOLERANCE CAN BE COVERED BY TOMATO (GH), PR# 12300, AND PEPPER (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO/PEPPER:05/18; NA11630 CHANGED TO SPIROPIDION:03/21; NEED CA SPECIFIC E/CS DATA FOR REGISTRATION:08/21; LAST STATUS CHANGE: 06/22

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

A MINIMUM # OF TRIALS ARE NEEDED:08/17; MFG SUGGESTS THAT 3 TRIALS ARE NEEDED - 1 FOR WHITEFLIES, 2 FOR APHIDS:09/20

### Nomination Justification:

(2017 FL) Request from GH industry;(2018 MD) (2017 FL) Request from GH industry;;(2018 MI) THRIPS, WHITEFLIES, APHIDS, TOLERANCE CAN BE COVERED BY TOMATO (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO/PEPPER:05/18;(2018 MI) TOLERANCE CAN BE COVERED BY TOMATO (GH), PR# 12300, AND PEPPER (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO (GH), PR# 12300, AND PEPPER (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO, NUTRIPS, WHITEFLIES, APHIDS; (2019 MI) (2017 FL) Request from GH industry;(2018 MD) (2017 FL) Request from GH industry;(2018 MI) THRIPS, WHITEFLIES, APHIDS, TOLERANCE CAN BE COVERED BY TOMATO (GH), PR# 12300, AND PEPPER (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO (GH), PR# 12300, AND PEPPER (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO/PEPPER:05/18;(2018 MI) TOLERANCE CAN BE COVERED BY TOMATO (GH), PR# 12300, AND PEPPER (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO/PEPPER:05/18, THRIPS, WHITEFLIES, APHIDS;;(2020 FL) See previous comment.;(2022 FL) See previous comments.;

### **IPM Comments from PCR:**

PER REQUESTOR: FIT IN IPM EXPECTED TO BE GOOD, AS THIS AI PROVIDES A NEW ALTERNATIVE, AND IS USED AT VERY LOW RATES; SAFE FOR BENEFICIALS:08/17

### **IPM Comments from Nomination Process:**

; Good Fit: See previous comments.: Janine Spies

	 Gilrein, Dan	P21-NYP09	RECD	NONE	PLEASE CONTACT THE RESEARCH COORDINATOR FOR INFORMATION INCLUDED IN THIS REPORT: 02/22
AXTELL	Gilrein, Dan	P22-NYP03	RECD	NONE	

The		2022 F0	ou use works	noh	Phonty A		omin	alions	
Proj	ject		Entomo	ology					Date: 9/6/2022
<u>PR#</u>	CHEMICAL (	MFG)	COMMODITY (CROP GROU	JP)			PROJEC	T STATUS	
13475	ACYNONAPYI	R (GOWAN)	PEPPER (GH) (08-10BC=PEP PEPPER/EGGPLANT SUBGR				UNDER E	VALUATION	
<u>Reason</u>		ER MITES; ROTATIONAL PRODU GROUP 33;	CT FOR RESISTANCE MANAGEN	MENT A	AS ACTIVE BELONGS TO	A NEW		REQ STATES	FL ME CA
NorthEas	t <mark>Region</mark> A	NorthCentral Region	Southern Region	А	Western Region	А			Reduced Risk
PCR Use KODAMA;	Pattern: PHI 1 DAY; DOSAG	E- TBD							
Nominati	on Justification:								

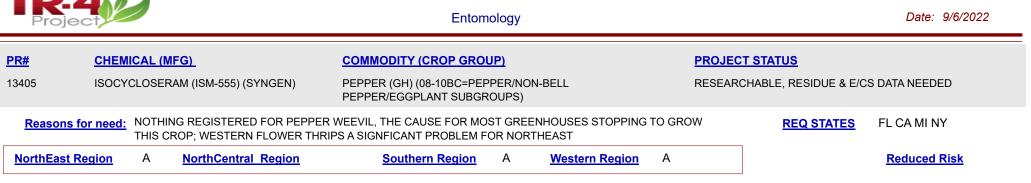
(2022 CA) See PCR request;(2022 FL) See requestor comment.;(2022 MD) see database comments;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD FIT; ACTIVE REDUCES POPULATIONS OF PREDATORY MITES AND OTHER BIOLOGICAL CONTROL AGENTS BY LESS THAN 30%:07/22

### **IPM Comments from Nomination Process:**

; Very Good Fit: See PCR request: Michael Horak; Very Good Fit: See requestor comment.: Janine Spies; Very Good Fit: see database comments: Marylee Ross



## PCR Use Pattern:

ISOCYCLOSERAM AT A RATE OF 296 G AI/HA AS A FOLIAR APPLIC, WITH 2-3 APPLIC; RE-TREATMENT INTERVAL 7-14 DAYS, 0-4 DAY PHI; FOLIAR APPLIC AT LABELED RATE; NO KNOWN LIMITATIONS:01/22; RATE ENTERED APPEARS TO BE INCORRECT; FOLLOW DFU'S LISTED BELOW UNDER E/CS DATA REQUIREMENTS:03/22 HQ Comments:

WESTERN FLOWER THRIPS A SIGNFICANT PROBLEM FOR NORTHEAST

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

DFUS - 90 G AI/HA, 3 FOLIAR APPLIC, 7-DAY RTI, 1-DAY PHI:03/22

### Nomination Justification:

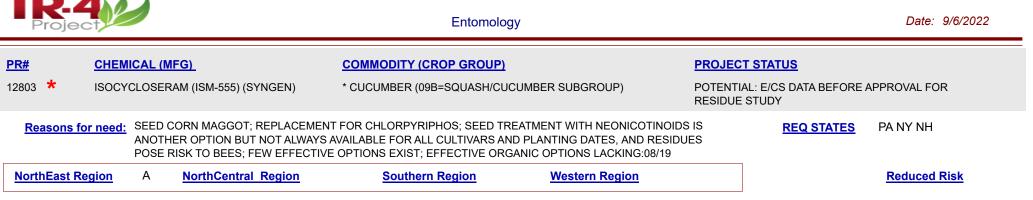
(2022 MD) see database comments; (2022 CA) See PCR text; (2022 FL) Pepper weevil is a destructive pest to field and GH peppers in the southeast. More effective products are needed for control.;

#### **IPM Comments from PCR:**

PER REQUESTER, A VERY GOOD FIT; INSECTICIDES FOR USE IN GREENHOUSE, ESPECIALLY WITH A NEW IRAC GROUP, ARE KEY TO MANAGING INSECT PESTS; TSSM MANAGEMENT IS A MAJOR CHALLENGE; THIS INSECTICIDE ALSO HAS PEPPER WEEVIL ACTIVITY

#### **IPM Comments from Nomination Process:**

; Very Good Fit: see database comments: Marylee Ross; Very Good Fit: See PCR text: Michael Horak; Very Good Fit: See previous comments.: Janine Spies



### PCR Use Pattern:

NO USE PATTERN DETAILS PROVIDED (ALL TBD)

### **HQ Comments:**

NO KEY EXPORT MARKET NOTED; REQUEST WAS FOR CUCURBITS ( CANTELOUPE, CUCUMBER), AND WAS MADE INTO CUCUMBER AND CANTELOUPE (PR# 12802):08/19; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/19; MFG CHANGED STATUS TO POTENTIAL, E/CS DATA BEFORE RESIDUE, AT FUW:09/24/19

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

MFG NEEDS IN-FURROW EFFICACY DATA:09/19

#### Nomination Justification:

(2019 MD) see requester's comments;(2020 MD) see requester's comments;(2021 MD) same as previous;(2022 MD) This is a high interest especially if neonics are no longer available. ISM 555 is currently being evaluated against seed corn maggots in carrot. Protocol and final report are currently being kept confidential until further notice.;

#### **IPM Comments from PCR:**

PER REQUESTER: UNKNOWN IPM FIT; FEW EFFECTIVE OPTIONS CURRENTLY EXIST; THE ONES THAT DO EXIST HAVE BEEN NOTED FOR PROBLEMS WITH HUMAN TOXICITY (CHLORPYRIPHOS) OR BEE SAFETY (NEONICOTINOIDS):08/19; PER NER 2020 NOMINATION COMMENT: OP AND NEONIC REPLACEMENT

### IPM Comments from Nomination Process:

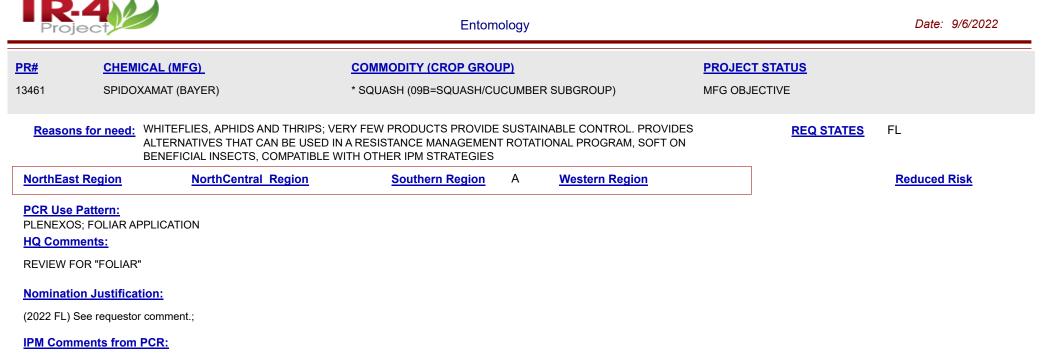
; Unknown: : Marylee Ross

The		2022 FOC	ou use worksi	iop	Priority A N	ominal	ions	
Proje	ect		Entomo	ology				Date: 9/6/2022
<b>PR#</b> 13460	<u>chemical (mf</u> spidoxamat (b		COMMODITY (CROP GROU * SQUASH (09B=SQUASH/CU		R SUBGROUP)	PROJECT ST		
<u>Reasons</u>	ALTERN	LIES, APHIDS AND THRIPS; VEF ATIVES THAT CAN BE USED IN CIAL INSECTS, COMPATIBLE WI	A RESISTANCE MANAGEMENT				<u>REQ STATES</u>	FL
<u>NorthEast</u>	Region	NorthCentral Region	Southern Region	А	Western Region			Reduced Risk
PCR Use F PLENEXOS HQ Comm REVIEW FC	; SOIL APPLICATION							
<u>Nominatio</u>	n Justification:							
(2022 FL) S	ee requestor commen	t.;						
IPM Comm	nents from PCR:							

PER REQUESTER: VERY GOOD FIT; GROWERS ARE LOOKING FOR EFFECTIVE ALTERNATIVES TO THE CURRENT LIST OF PESTICIDES AVAILABLE TO MANAGE KEY HEMIPTERAN PESTS THAT ROUTINELY ATTACK SUMMER SQUASH. IN FLORIDA AND OTHER SOUTHERN STATES, WHITEFLY PRESSURE CAN GET VERY HIGH DURING THE FALL GROWING SEASON, WHICH DEMANDS PESTICIDE SPRAY SEVERAL TIMES A WEEK. SPIDOXAMAT DISPLAY FEATURES SUCH AS SOFT ON BENEFICIAL INSECTS, CAN BE USED IN INSECTICIDE ROTATIONAL PROGRAMS AND COMPATIBLE WITH OTHER IPM STRATEGIES SUCH AS CULTURAL TECHNIQUES, AND BIOLOGICAL CONTROL:07/22

**IPM Comments from Nomination Process:** 

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



PER REQUESTER: VERY GOOD FIT; GROWERS ARE LOOKING FOR EFFECTIVE ALTERNATIVES TO THE CURRENT LIST OF PESTICIDES AVAILABLE TO MANAGE KEY HEMIPTERAN PESTS THAT ROUTINELY ATTACK SUMMER SQUASH. IN FLORIDA AND OTHER SOUTHERN STATES, WHITEFLY PRESSURE CAN GET VERY HIGH DURING THE FALL GROWING SEASON, WHICH DEMANDS PESTICIDE SPRAY SEVERAL TIMES A WEEK. SPIDOXAMAT DISPLAY FEATURES SUCH AS SOFT ON BENEFICIAL INSECTS, CAN BE USED IN INSECTICIDE ROTATIONAL PROGRAMS AND COMPATIBLE WITH OTHER IPM STRATEGIES SUCH AS CULTURAL TECHNIQUES, AND BIOLOGICAL CONTROL:07/22

**IPM Comments from Nomination Process:** 

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

Projec	ct		Entor	ology				Date: 9/6/2022
<b>PR#</b> 13477	CHEMICAL (		COMMODITY (CROP GRO CUCUMBER (GH) (09B=SQU		JCUMBER SUBGROUP)		EVALUATION	
Reasons fo		ER MITES; ROTATIONAL PRODUC GROUP 33;	CT FOR RESISTANCE MANAGE	MENT A	AS ACTIVE BELONGS TO	A NEW	REQ STATES	FL ME AZ CA
NorthEast Re	<mark>egion</mark> A	NorthCentral Region	Southern Region	А	Western Region	А		Reduced Risk
PCR Use Pat KODAMA; PHI	t <mark>tern:</mark> I 0 DAY; DOSAG	E- TBD						
Nomination J	Justification:							
(2022 CA) See	PCR request;(2	022 FL) See requestor comments.	;(2022 MD) see database comme	nts;				

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### **IPM Comments from PCR:**

The

PER REQUESTER: VERY GOOD FIT; ACTIVE REDUCES POPULATIONS OF PREDATORY MITES AND OTHER BIOLOGICAL CONTROL AGENTS BY LESS THAN 30%:07/22

### **IPM Comments from Nomination Process:**

; Fair Fit: See PCR request: Michael Horak; Very Good Fit: See requestor comment.: Janine Spies; Very Good Fit: see database comments: Marylee Ross



Projec	ot					Entomology	/			Date: 9/6/2022	?
<b>2R#</b> 13088		<b>CAL (MF</b> W64991 (I			COMMODITY (CF		CUCUMBER SUBGRO	UP)	T STATUS CHABLE, ONLY RESIDUE	DATA NEEDED	
<u>Reasons fo</u>	<u></u>	AND FO	LIAR APPLIC F	OR CONTROL	AN RED MITE, BROAD DF A WIDE RANGE OF OULD BE HELPFUL	,			REQ STATES	FL NH CA NY OH	
NorthEast Re	egion	В	NorthCentra	I Region	<u>Southern</u>	Region	<u>Western Regi</u>	<u>on</u> A		Reduced Risk	

## PCR Use Pattern:

MAKE 3-5 FOLIAR AND DRIP APPLIC; 7-14 DAY INTERVAL, 0-1 DAY PHI; USE RATE AND OTHER USE PATTERN DETAILS NOT PROVIDED (TBD PER MFG); BAYER WILLING TO SUPPORT ONLY FOLIAR USES AND NOT SOIL APPLIED: 09/22

HQ Comments:

CANADA NOTED AS A KEY EXPORT MARKET; MFG MAINTAINING "UNDER EVAL" AS THEY FINE TUNE PLANS:08/20;

### **Nomination Justification:**

(2022 CA) See previous;

### **IPM Comments from PCR:**

PER REQUESTER: UNKNOWN IPM FIT; UP TO 25 DAYS RESIDUAL ACTIVITY; FOLIAR APPLIC FOR MITES IN A 40 ACRE GH TAKES 40+ HOURS; DRIP CAN BE DONE IN 20 MINUTES

### **IPM Comments from Nomination Process:**

; Unknown: See previous: Michael Horak

Proje	Project			Entom	ology			Date: 9/6/2022	
<b>PR#</b> 13404	CHEMI ISOCYC		I <mark>FG)_</mark> RAM (ISM-555) (SYNGEN)	COMMODITY (CROP GROU		JCUMBER SUBGROUP)		PROJECT STATUS RESEARCHABLE, RESIDUE & E	CS DATA NEEDED
<u>Reasons f</u>	or need:	TSSM A	ARE A CONSISTENT PROBLEM I	N GREENHOUSE CUCUMBERS	; ROTA	ATION PRODUCTS ARE N	IEEDED	REQ STATES	FL CA OH NY
NorthEast R	egion	A	NorthCentral Region	Southern Region	В	Western Region	В		Reduced Risk

## PCR Use Pattern:

ISOCYCLOSERAM AT A RATE OF 296 G AI/HA AS A FOLIAR APPLIC, WITH 2-3 APPLIC. RE-TREATMENT INTERVAL 7-14 DAYS, 0-1 DAY PHI; FOLIAR APPLIC AT LABELED RATE; NO KNOWN LIMITATIONS:01/22; RATE APPEARS TO BE INCORRECT; FOLLOW DFU'S LISTED BELOW UNDER E/CS DATA REQUIREMENTS:03/22

## HQ Comments:

PMC PRIORITY

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

DFUS - 60 G AI/HA, 3 FOLIAR APPLIC, 7-DAY RTI, 3-DAY PHI:03/22

### Nomination Justification:

(2022 MD) see database comments;(2022 CA) See PCR text;(2022 FL) See requestor comment.;

### **IPM Comments from PCR:**

PER REQUESTER, A VERY GOOD FIT; INSECTICIDES FOR USE IN GREENHOUSE, ESPECIALLY WITH A NEW IRAC GROUP ARE KEY TO MANAGING INSECT PESTS; TSSM MANAGEMENT IS A MAJOR CHALLENGE; THIS INSECTICIDE ALSO HAS SOME COLEOPTERA ACTIVITY

### **IPM Comments from Nomination Process:**

; Very Good Fit: see database comments: Marylee Ross; Very Good Fit: See PCR text: Michael Horak; Very Good Fit: See requestor comment.: Janine Spies

Project			Entomology				Date: 9/6/2022			
<b>PR#</b> 10751	CHEMICAL TEBUFENOZ	<u>(MFG)</u> (IDE (GOWAN,NISSO)	COMMODITY (CROP GROUP) CUCUMBER (GH) (09B=SQUASH/CUCUMBER SUBGROUP)			PROJECT STATUS RESEARCHABLE, ONLY RESIDUE DATA NEED				
Reasons	s for need: LEAF	MINERS, ARMYWORMS, LOOPEF	RS				REQ STATES	TX ME AZ CA UT	MI	
NorthEast	t Region	NorthCentral Region	Southern Region	Western Region	А			<u>Reduced Risk</u>	Yes	

## PCR Use Pattern:

0.09-0.12 AI/A; 7 FOLIAR APPLIC; 7-DAY RE-TREATMENT INTERVAL; 0-DAY PHI

### HQ Comments:

LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18; EPA GREEN:09/18; SUPPORTED ONLY FOR USE ON GH PRODUCTION, NOT FOR TRANSPLANTS:06/19; EPA GREEN:09/19; EPA CAUTION:08/20; THIS IS A NISSO AI, GOWAN WILL PROVIDE SUPPORT IT:05/21; EPA CAUTION: 08/21; EPA GREEN: 08/22

### **Nomination Justification:**

(2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.: (2015 FL) Request from GH grower industry (M. Bledsoe, TX);(2015 FL) A-3;(2015 ME) Lep control needs a rotational materials.;(2017 MD) need rotational materials;(2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ;(2018 MD) (2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.;(2015 FL) Request from GH grower industry (M. Bledsoe, TX);(2015 FL) A-3;(2015 ME) Lep control needs a rotational materials.:(2017 MD) need rotational materials;(2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ;;(2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS; (2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS;(2019 MI) (2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.;(2015 FL) Request from GH grower industry (M. Bledsoe, TX);(2015 FL) A-3;(2015 ME) Lep control needs a rotational materials.;(2017 MD) need rotational materials; (2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ; (2018 MD) (2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.;(2015 FL) Request from GH grower industry (M. Bledsoe, TX);(2015 FL) A-3;(2015 ME) Lep control needs a rotational materials.;(2017 MD) need rotational materials; (2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ;; (2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS;(2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS; (2019 MD) need rotational materials; (2021 MD) see previous comments; (2021 CA) See previous; (2021 FL) See previous; (2021 MI) (2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.;(2015 FL) Request from GH grower industry (M. Bledsoe, TX);(2015 FL) A-3;(2015 ME) Lep control needs a rotational materials.;(2017 MD) need rotational materials; (2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ; (2018 MD) (2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.: (2015 FL) Request from GH grower industry (M. Bledsoe, TX); (2015 FL) A-3; (2015 ME) Lep control needs a rotational materials.: (2017 MD) need rotational materials; (2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ;; (2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS;(2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS; (2019 MI) (2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.; (2015 FL) Request from GH grower industry (M. Bledsoe, TX); (2015 FL) A-3; (2015 ME) Lep control needs a rotational materials.;(2017 MD) need rotational materials;(2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ;(2018 MD) (2015 CA) Appears to be labeled for loopers and armyworms in fruiting vegetables. GH does not seem to be excluded. Not sure about leafminers.;(2015 FL) Request from GH grower industry (M. Bledsoe, TX);(2015 FL) A-3;(2015 ME) Lep control needs a rotational materials.;(2017 MD) need rotational materials;(2018 FL) LEAFMINERS, ARMYWORMS, LOOPERS ;;(2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS;(2018 MI) LABELED ON GH TOMATO, PEPPER, LETTUCE, ORNAMENTALS IN CANADA:06/12; MFG SUPPORTS USE ON GH CUCUMBER IN CANADA:06/18, LEAFMINERS, ARMYWORMS, LOOPERS::(2019 MD) need rotational materials;(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous;;(2022 CA) See previous;



Entomology

Date: 9/6/2022

## **IPM Comments from PCR:**

PER WSR & SOR NOMINATION COMMENTS: UNKNOWN IPM FIT; PER ME-TOO REQUESTOR, NEED PRODUCTS FOR THESE PESTS THAT WORK WELL WITH BIOLOGICAL CONTROLS:08/17

**IPM Comments from Nomination Process:** 

; Unknown: : Michael Horak

The	202	22 Food Us	se Worksho	op Priority 'A	' Nomin	nations		
Proje	ect		Entomolog	JY			Date: 9/6/2022	
<b>PR#</b> 13467	<u>CHEMICAL (MFG)</u> ACYNONAPYR (GOWAN)							
Reasons	for need: TWO SPOTTED SPIDER M	TES; RESISTANCE BU	LDING FOR MANY EXIS	FING MITICIDES		REQ STATES	MIUT	
NorthEast F	Region <u>NorthCentral R</u>	egion A <u>s</u>	Southern Region	Western Region	А		Reduced Risk	
<u>PCR Use Pa</u> KODAMA; FO	<u>attern:</u> OLIAR APPLICATION; 1 TO 2 APPLICAT	IONS, RTI 14 DAYS, AF	PLY AFTER SPIDERMITE	ES REACH ACTION THRESH	IOLD			
Nomination	<u>Justification:</u>							
(2022 CA) Se	ee PCR text;(2022 MI) same;							
IPM Commo	ents from PCR:							
PER REQUE	PER REQUESTER: GOOD FIT; FEW KNOWN NEGATIVE IMPACTS ON BENEFICIALS:07/22							
IPM Commo	IPM Comments from Nomination Process:							
; Very Good	; Very Good Fit: See PCR text: Michael Horak; Very Good Fit: same: Nicole Soldan							



### PCR Use Pattern:

USE THE NEALTA PRODUCT; MAKE 2 FOLIAR APPLIC OF 13.7 FLUID OZ/A, 10-14 DAY INTERVAL, 1-DAY PHI

### **HQ Comments:**

MFG TO REASSESS E/CS DATA NEEDS AND CONFIRM HOW IR-4 CAN PROCEED:05/16; MFG MADE RESEARCHABLE AGAIN, WITH SPECIFIC REQUIREMENTS FOR PERFORMANCE RESEARCH (SEE E/CS DATA REQUIREMENTS), WHICH MFG WILL PARTIALLY FUND:07/16; EPA GREEN:09/18; MFG CHANGED STATUS TO POTENTIAL, DUE TO CROP SAFETY CONCERNS (WANT TO SEE 4X CROP SAFETY TRIAL DATA BEFORE MAKING THIS REQUEST RESEARCHABLE FOR RESIDUE WORK):05/19; EPA GREEN:09/19

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

MFG REQUIRES 4 EFFICACY TRIALS (SUGGESTS WA/OR, CA, MI & SOUTHEAST) AND 6 CROP SAFETY TRIALS (SUGGESTS 2 IN WA/OR, AND THE REST IN CA, MI & SOUTHEAST):07/16; MFG WANTS TO SEE 4X CROP SAFETY TRIAL DATA:05/19

### Nomination Justification:

(2019 FL) More products needed for two-spotted spider mites in caneberry.; (2019 MD) need materials for two spotted spider mites; (2022 MD) see database comments;

### **IPM Comments from PCR:**

FROM REQUESTOR: VERY GOOD IPM FIT; NONTOXIC TO BENEFICIALS, COMPATIBLE WITH BEES, EFFECTIVE AGAINST TETRANYCHIDS AND A GOOD TOOL FOR ROTATION WITH OTHER CLASSES OF MITICIDES TO PREVENT RESISTANCE DEVELOPMENT:09/15

NONE

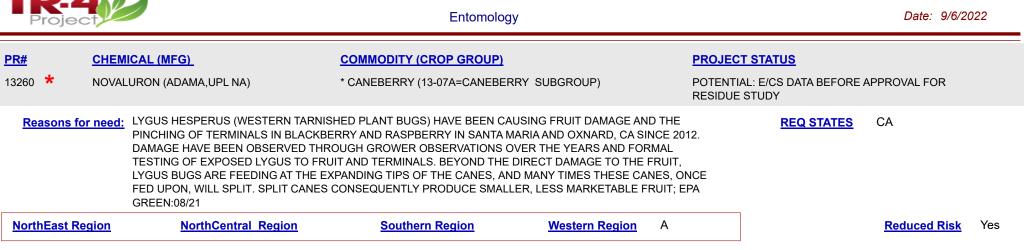
### **IPM Comments from Nomination Process:**

; Very Good Fit: see database comments: Marylee Ross

Tanigoshi, L.K.

P13-WA-DMP RECD

NEALTA 200SC AT 13.7 FL OZ/A; GOOD CONTROL OF A HIGH YELLOW SPIDER MITE INFESTATION ON RED RASPBERRY; EQUAL TO KANEMITE AND ZEAL.



### PCR Use Pattern:

NOVALURON AT 12 FL OZ/A; APPLY FOLIAR, BEFORE FLOWER/FRUIT WHEN EGGS AND NYMPHS ARE FIRST SHOWING; 2 APPLICATIONS WITH RE-TREATMENT INTERVAL OF 7 DAYS WITH A PHI OF 1 DAY;

### **Nomination Justification:**

(2022 CA) See previous;

### **IPM Comments from PCR:**

PER REQUESTOR GOODFIT; LOW TOXICITY TO BENEFICIALS AND BEES. OFF SITE RESIDUE OF LESS CONCERN THAT ORGANOPHOSPHATE AND/OR PYRETHROID ALTERNATIVES.

#### **IPM Comments from Nomination Process:**

; Good Fit: See previous: Michael Horak

Project					Entomology				Date: 9/6/2022			
<u>PR#</u> 13502		<mark>cal (mf</mark> Uron (ai	<mark>"G)_</mark> DAMA,UPL NA)		COMMODITY (CROP GRO * CANEBERRY (13-07A=CAN		( SUBGROUP)			CHABLE, RESIDUE & E/CS	S DATA NEEDED	
Reasons fo			D WING DROSO NAGEMENT IN C	CANEBERRY;	OTATIONAL MATERIAL; THIS		DT CURRENTLY REGIST	ERED F	FOR	<u>REQ STATES</u>	OR <u>Reduced Risk</u>	Yes
HQ Comment	ORMORAN ts:	,			THAN PR# 13260:08/22	T7 DAYS	S, PHI 1 DAY			]		

### **Nomination Justification:**

The

(2022 CA) See previous; (2022 FL) Additional MOAs would be helpful for managing SWD in caneberries.; (2022 MD) see database comments; (2022 MD) see database comments (By Marylee Ross);

### **IPM Comments from PCR:**

PER REQUESTER: GOOD FIT; ROTATIONAL MATERIAL; THIS MOA NOT CURRENTLY REGISTERED FOR SWD MANAGEMENT IN CANEBERRY:08/22

#### **IPM Comments from Nomination Process:**

; Very Good Fit: See previous: Michael Horak; Good Fit: See previous comment.: Janine Spies; Very Good Fit: see database comments: Marylee Ross; see comments (By Marylee Ross)



Projec	ct			Entomolo	ду		Date: 9/6/2022			
<b>PR#</b> 08582		i <mark>cal (Mf</mark> Miprid (1	E <mark>G)</mark> NISSO,UPL NA)	COMMODITY (CROP GROUP) CANEBERRY (GH) (13-07A=CAN	EBERRY SUBGROUP)	PROJECT ST	TATUS BLE, ONLY RESIDUE	DATA NEEDED		
<u>Reasons fo</u>	<u></u>	RESISTA	,	NOMINATION JUSTIFICATION CC W PRODUCTS ARE ALLOWED FO ND HIGH TUNNELS		FOR	REQ STATES	NY FL PA NC		
NorthEast Re	egion	А	NorthCentral Region	Southern Region	Western Region			Reduced Risk	Yes	

## PCR Use Pattern:

1-DAY PHI

### **HQ Comments:**

MFG WILL NOT SUPPORT:09/04; MFG IS RECONSIDERING THIS GH USE:06/16; MFG NOW SUPPORTING GH USE, RESIDUE ONLY (THERE IS A TOLERANCE FOR CANEBERRY IN 40CFR):06/17; EPA GREEN:09/18 & 09/19 & 08/20 & 08/21

### **Nomination Justification:**

(2017 MD) need shorter PHI;(2018 FL) APHIDS, WHITEFLIES; NEEDED FOR RESISTANCE MANAGEMENT; very few products allowed for use inside of a protected structure ;(2019 MD) very few options in greenhouses and high tunnels. soft on beneficials.;(2021 MD) see previous comments;(2021 FL) See previous.;(2021 CA) See previous;(2022 MD) see database comments.;

## **IPM Comments from PCR:**

PER 08/17 ME-TOO REQUEST: FITS IN IPM; NEEDED FOR RESISTANCE MANAGEMENT; FROM 2017 NER NOMINATION: GOOD IPM FIT; SOFT ON BENEFICIALS

### **IPM Comments from Nomination Process:**

; Good Fit: see database comments.: Marylee Ross

The		2022 FO	od Use works	uot	o Priority A	N	iomin	ations	
Proje	ect		Entor	lology					Date: 9/6/2022
<b>PR#</b> 13091	CHEMICAL (M BCS-CW64991		COMMODITY (CROP GRO CANEBERRY (GH) (13-07A=0		ERRY SUBGROUP)		-	E <mark>T STATUS</mark> CHABLE, RESIDUE & E/CS	S DATA NEEDED
<u>Reasons</u> <u>NorthEast</u>		RESISTANCE MANAGEMENT	Southern Region	A	Western Region	A		<u>REQ STATES</u>	TX PA CA <u>Reduced Risk</u>
PCR Use F MAKE SOIL HQ Comm	AND/OR FOLIAR AF	PPLIC; OTHER USE PATTERN [	DETAILS NOT PROVIDED (TBD I	PER MF	G)			-	

NO KEY EXPORT MARKET NOTED; MFG MAINTAINING "UNDER EVAL" AS THEY FINE TUNE PLANS:08/20

### **Nomination Justification:**

(2022 MD) foliar support only? Can efficacy work be done in high tunnels?;(2022 FL) See previous comments.;(2022 CA) See PCR submission;

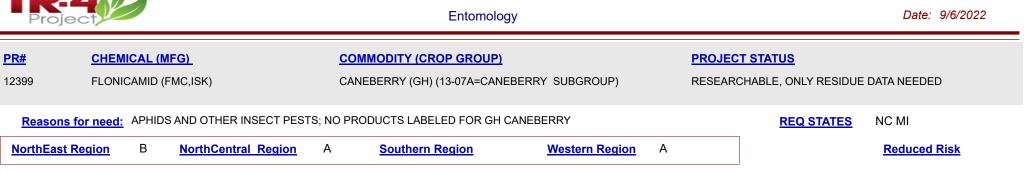
### **IPM Comments from PCR:**

PER REQUESTER: GOOD IPM FIT; FROM BCS JULY 29, 2020 PRESENTATION: NEW MOA, FAST KNOCKDOWN, LONG RESIDUAL, XYLEM MOBILE; SAFETY PROFILE MEETS PUBLIC AND FOOD CHAIN DEMANDS; FIRST MITICIDE THAT CAN BE GROWING MEDIA APPLIED:08/20

#### **IPM Comments from Nomination Process:**

; Good Fit: see database comments.: Marylee Ross; Good Fit: See previous comments.: Janine Spies; Unknown: : Michael Horak

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_



## PCR Use Pattern:

USE THE BELEAF PRODUCT; MAKE FOLIAR APPLIC OF 2.8-4.28 OZ/A; HQ SUGGESTS 0.133 LB AI/A, 2 APPLIC, 7-DAY INTERVAL, 1-DAY PHI; NEEDS TO BE SAME AS FOR FIELD USE

## HQ Comments:

PER DISCUSSION AT FOOD USE WORKSHOP, TRIALS TO SUPPORT THIS GH USE WILL BE INCLUDED WITH THE PRIORITY "A" PROJECT 08585 FOR FIELD USE:09/17; MFG SUPPORTS GH USE, AND REQUIRES RESIDUE AND E/CS DATA:10/17; RESIDUE TRIAL TO COVER GH USE UNDER PR# 08585 WAS NOT CONDUCTED, AND THAT FIELD STUDY WILL BE READY FOR SUBMISSION WELL IN ADVANCE OF THIS GH TRIAL BEING COMPLETED; THUS THE RESIDUE WORK TO SUPPORT THIS GH NEED IS TO BE COMPLETED UNDER THIS PR#, INDEPENDENTLY FROM 08585:10/19; HQ PUT ON HOLD AS NEED IS FOR HOOP HOUSES, COVERED BY FIELD USE:10/29/19; GH USES WILL BE SUPPORTED: 04/22; EPA GREEN 08/22

### Nomination Justification:

(2022 CA) See previous;(2022 MI) same;

**IPM Comments from PCR:** 

PER REQUESTOR: VERY GOOD IPM FIT; IS SOFT ON BENEFICIALS AND GOOD FOR RESISTANCE MANAGEMENT:09/17

#### **IPM Comments from Nomination Process:**

; Good Fit: See previous: Michael Horak; Very Good Fit: same: Nicole Soldan

	ject			Entor	ology					Date: 9/6/2022
<b>PR#</b> 13478	CHEMIC ACYNOI		<mark>/IFG)</mark> (GOWAN)	COMMODITY (CROP GROUP)PROJECT STASTRAWBERRY (GH) (13-07G=LOW GROWING BERRY SUBGROUP)UNDER EVALUA						
Reason NorthEas		SPIDEI A	R MITES; NEEDED FOR RESIS	TANCE MANAGEMENT. ACTIVE	IS A NE A	W IRAC GROUP 33; Western Region	A		<u>REQ STATES</u>	FL ME CA <u>Reduced Risk</u>
PCR Use Pattern: KODAMA; PHI 1 DAY; DOSAGE- TBD										
	on Justificati		ent.:(2022 MD) see database com	ments;(2022 CA) See pcr submis	sion:					

## **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD FIT; ACTIVE REDUCES POPULATIONS OF PREDATORY MITES AND OTHER BIOLOGICAL CONTROL AGENTS BY LESS THAN 30%:07/22

### **IPM Comments from Nomination Process:**

; Very Good Fit: See requestor comment.: Janine Spies; Very Good Fit: see database comments: Marylee Ross; Unknown: : Michael Horak

Proje	ct		Entomology	y		Date: 9/6/2022		
<b>PR#</b> 13131	CHEMICAL		COMMODITY (CROP GROUP) STRAWBERRY (GH) (13-07G=LOW SUBGROUP)	GROWING BERRY		CT STATUS RCHABLE, ONLY RESIDUE DATA NEEDED		
<u>Reasons f</u>		SPOTTED SPIDER MITES (TSSM ENEFICIALS	I); NEW IRAC GROUP, NEEDED FOR	RESISTANCE MANAGEMEN	NT; SOFT	REQ STATES	TX CA OH NY NH	
NorthEast R	<mark>legion</mark> B	NorthCentral Region	Southern Region	Western Region	А		Reduced Risk	
	CH AND FOLIAR OT SOIL APPLIE		) OTHER USE PATTERN INFORMATIC	IN PROVIDED BY REQUES	TOR; BAYER WIL	LING TO SUPPORT ONLY	FOLIAR	

NO KEY EXPORT MARKETS NOTED; MFG MAINTAINING "UNDER EVAL" AS THEY FINE TUNE PLANS:08/20

### **Nomination Justification:**

(2022 CA) See previous;

The

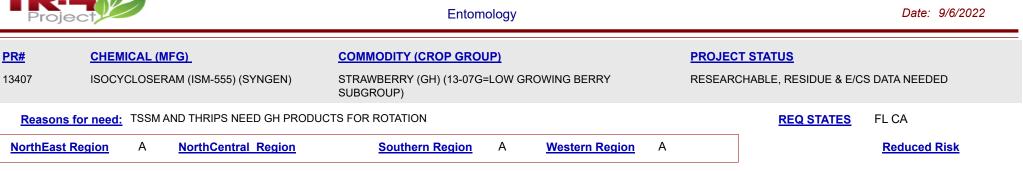
### **IPM Comments from PCR:**

PER REQUESTER: GOOD IPM FIT; THIS MATERIAL COULD PERMIT BOTH DRIP AND FOLIAR APPLIC FOR CONTROL OF TSSM:08/20

## **IPM Comments from Nomination Process:**

; Good Fit: See previous: Michael Horak

\_\_\_\_\_



### PCR Use Pattern:

ISOCYCLOSERAM AT A RATE OF 296 G AI/HA AS A FOLIAR APPLIC, WITH 2-3 APPLIC; RE-TREATMENT INTERVAL 5-10 DAYS, 0-4 DAY PHI; FOLIAR APPLIC AT LABELED RATE; NO KNOWN LIMITATIONS:01/22; RATE ENTERED APPEARS TO BE INCORRECT; FOLLOW DFU'S LISTED BELOW UNDER E/CS DATA REQUIREMENTS:03/22

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

DFUS - 60 G AI/HA, 3 FOLIAR APPLIC, 7-DAY RTI, 3-DAY PHI:03/22

### **Nomination Justification:**

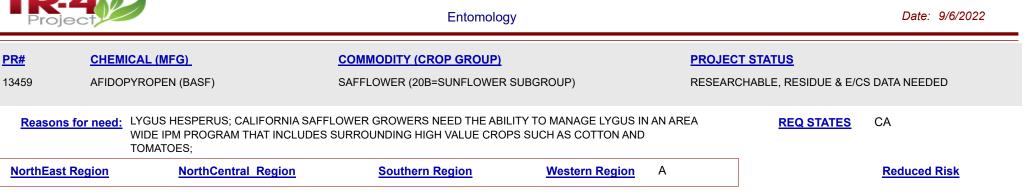
(2022 FL) See requestor comment.;(2022 MD) see database comments;(2022 CA) See PCR request;

### **IPM Comments from PCR:**

PER REQUESTER, A GOOD FIT; STINK BUGS, THRIPS (FRANKLINIELLA SPECIES), SPIDER MITES (TETRANYCHUS SPECIES)

#### IPM Comments from Nomination Process:

; Good Fit: See requestor comment.: Janine Spies; Good Fit: see database comments: Marylee Ross; Unknown: : Michael Horak



### PCR Use Pattern:

FOLIAR APPLICATION AT 14 OZ/A, .0459375 LBS AI/A; 2 APPLICATIONS WITH A SEVEN DAY RETREATMETNN INTERVAL AND A PHI OF 14 DAYS; APPLY TO SAFFLOWER FOLIAGE IN 5-10 GALLONS OF WATER BY AIR OR BY GROUOND; DO NOT APPLY MORE THAN 28 FL OZ/A PER GROWING SEASON.

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

BASF REQUIRES BOTH E AND CS DATA FROM AT LEAST 4 TRIALS IN CA TO SECURE CA REGISTRATION. BASF WILL PAY 50% FOR THE TRIALS

### **Nomination Justification:**

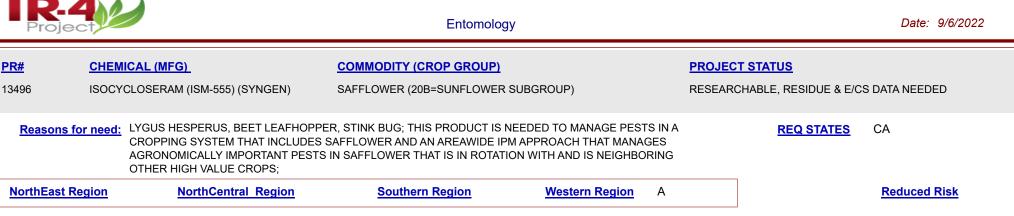
(2022 CA) See PCR text;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD FIT; THE ABILITY TO MANAGE PEST POPULATIONS THAT INFEST SAFFLOWER IS CRUCIAL TO PEST MANAGEMENT IN THE OVERALL FARMING SYSTEM. SEFINA/AFIDOPYROPEN WILL PRESERVE BENEFICIAL INSECTS WHILE HELPING MANAGE PROBLEM PESTS. WHEN USED SUCCESSFULLY IN SAFFLOWER, THE TOTAL NUMBER OF PESTICIDE APPLICATIONS IN SURROUNDING CROPS WILL BE REDUCED SUBSTANTIALLY:07/22

### IPM Comments from Nomination Process:

; Unknown: : Michael Horak



### PCR Use Pattern:

DOSE: 60 G AI/HA, FOLIAR SPRAY, 2 APPLICATIONS (GROUNDAND/ AERIAL), SPRAY INTERVAL 7 DAYS, USE NIS TYPE SPREADER OR PENETRATING ADJUVANT, PHI 7 DAYS

### HQ Comments:

THE SAFFLOWER ASSOC IS AWARE THAT THERE ARE SOME POLLINATOR CONCERNS WITH THIS AI AND ARE CONFIDENT THAT WITH POLLINATOR RESTRICTIONS (APPLY ONLY AT NIGHT, BUFFER ZOMES, ETC.) THIS WILL BE A GOOD PRODUCT FOR CALIFORNIA SAFFLOWER GROWERS

### Nomination Justification:

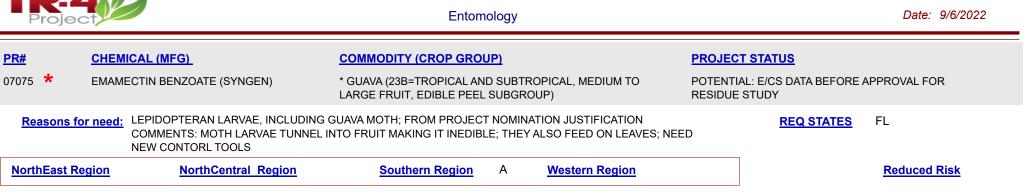
(2022 CA) See PCR request;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD FIT; MANAGING PESTS IN SAFFLOWER HAS BEEN PROVEN TO REDUCE THE OVERALL AMOUNT OF INSECTICIDE APPLICATIONS IN THE OVERALL SYSTEM. A SOUND IPM APPROACH IN SAFFLOWER WILL RESULT IN LESS RELIANCE ON BROAD SPECTRUM INSECTICIDES, (ORGANOPHOSPHATES, PYRETHROIDS AND CARBAMATES) IN SURROUNDING ROW CROPS. BENEFICIAL INSECT POPULATIONS ARE BETTER PRESERVED IN SURROUNDING CROPS RESULTING IN FEWER SPRAYS. NITROGEN USE EFFICIENCY IS ALSO GAINED BY BETTER FRUITING BUD RETENTION ON NEIGHBORING COTTON FIELDS:08/22

#### **IPM Comments from Nomination Process:**

; Very Good Fit: See PCR request: Michael Horak



### PCR Use Pattern:

FOLIAR; 0.007-0.015 LB AI/A; 7-14 DAY INTERVAL

### **HQ Comments:**

MFG REQUIRES PERF DATA PRIOR TO REGISTRATION:05/03; EPA (HOLD) CAUTION; MFG HOLD:08/14; MFG NOTES IF THE TARGET PEST ISN'T UNIQUE TO GUAVA, COULD MOVE FORWARD; MUST CONFIRM IF THIS IS RELEVANT TO CA GROWERS:05/19; MFG CHANGED STATUS FROM UNDER EVAL TO POTENTIAL:05/20

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

LEPIDOPTERAN LARVAE, 3-4 TRIALS

#### **Nomination Justification:**

(2014 FL) Moth larvae tunnel into the fruit making it inedible and they also feed on the leaves. Need materials to help control pest.(MSF);(2022 FL) See requestor comments.;

#### **IPM Comments from PCR:**

FROM SOR 2014 NOMINATION: VERY GOOD IPM FIT; THIS IS A GOOD PRODUCT FOR USE IN IPM

### **IPM Comments from Nomination Process:**

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

Pena, Dr. Jorge E.	P01-FL-DMP

RECD NONE

PROCLAIM 5G AT 0.015 LB AI/A ALONE OR WITH PETROLEUM OIL; PROCLAIM + OIL SIGNIFICANTLY REDUCED DENSITIES OF GUAVA LEAFROLLER; EQUAL TO DANITOL AND SPINTOR

The		2022 FOOd Use workshop Phon	ity A Normations
Project		Entomology	Date: 9/6/2022
<u>PR#</u>	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13316 ★	TOLFENPYRAD (NAI)	* GUAVA (23B=TROPICAL AND SUBTROPICAL, ME LARGE FRUIT, EDIBLE PEEL SUBGROUP)	IEDIUM TO POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY
<u>Reasons fo</u>	<mark>r need:</mark> THRIPS, MITES, NE	EDED FOR IPM RESISTANCE MANAGEMENT	REQ STATES FL
NorthEast Re	egion <u>NorthCer</u>	ntral Region A <u>Western</u>	n Region Reduced Risk

### PCR Use Pattern:

BEXAR, 0.15-0.28 LB/A; 14-27 OZ/A; 3 APPLICATIONS WITH 7-10 DAYS FOR RETREATMENT INTERVAL AND A PHI OF 1 DAY. SCOUT FOR KNOWN INSECT PESTS AND APPLY FOLIARLY AT A 7-10 INTERVAL. MAXIMUM RATE PER APPLICATION IS 27 OZ/ACRE AND 3 APPLICATIONS MAX PER YEAR. DO NOT APPLY DURING BLOOM OR FOLLOW OTHER POLLINATOR MITIGATION STEPS. DO NOT APPLY TO WATER BODIES (STREAMS, RIVERS, LAKES, CANALS, ETC.).

**HQ Comments:** 

TOLFENPYRAD IS BEGINNING THE REG REVIEW PROCESS AND THE DATA CALL-IN IS EXPECTED ANYTIME. THERE MAY BE BARRIERS TO REGISTERING OR MAY NOT BE ABLE TO GET IT REGISTERED IN CALIFORNIA:08/21

### **Nomination Justification:**

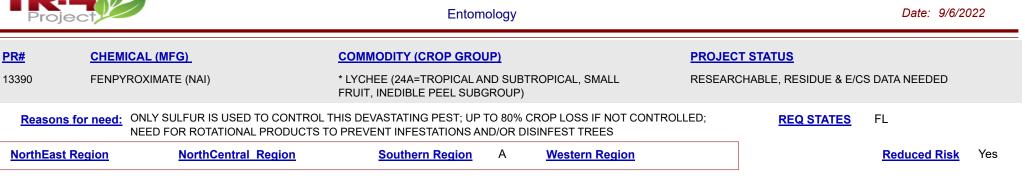
(2021 FL) There are few effective products labelled for thrips control in tropical fruits.;(2022 FL) See previous comments.;

### **IPM Comments from PCR:**

PER REQUESTOR GOODFIT, WOULD BE USED ON FRUIT SET NOT DURING BLOOM, THIS WOULD AVOID AFFECTING POLLINATORS (INCLUDING HONEYBEES).

## **IPM Comments from Nomination Process:**

; Good Fit: See previous comment.: Janine Spies



## PCR Use Pattern:

FENPYROXIMATE FOLIAR APPLIED AT 32 FL OZ/A WITH 2 APPLIC, 7-14 DAY RE-TREATMENT INTERVAL, 1-DAY PHI; BEGIN APPLIC AS NEW FLUSH AND/OR PANICLES EMERGE; ROTATE WITH OTHER ACRICIDES SO THAT THE DEVELOPING FLUSH AND/OR PANICLES ARE PROTECTED THROUGHOUT THEIR GROWTH AND DEVELOPMENT; DO NOT APPLY TO PANICLES WITH OPEN FLOWERS SO AS TO AVOID POLLINATORS; DO NOT APPLY TO WATER/SURFACE WATER HQ Comments:

EPA GREEN 08/22

### **Nomination Justification:**

(2022 FL) See previous comments. Supporting data available from D. Carrillo.;

### **IPM Comments from PCR:**

PER REQUESTER, A VERY GOOD FIT; MINIMUM BEE TOXICITY; SUGGEST APPLYING PRIOR TO FLOWER OPENING (USE SULFUR DURING ACTUAL BLOOM); ROTATE WITH OTHER ACARICIDES

#### IPM Comments from Nomination Process:

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

Project			Entomology					Date: 9/6/2022		
PR# CHEMICAL (MFG)			COMMODITY (CROP GROUP)			PROJECT STATUS				
08266	PYRIDABEN (GOWAN)		* LYCHEE (24A=TROPICAL AND SUBTROPICAL, SMALL RESEARCHABLE, RESIDUE & E/C FRUIT, INEDIBLE PEEL SUBGROUP)						S DATA NEEDED	
<u>Reason</u>	s for need: MITES, WHITEFLIES,	MEALY BUGS, LYCHE	EE RUST MITE					REQ STATES	FL HI	
<u>NorthEas</u>	t Region NorthCent	ral Region	Southern Region	А	Western Region	В			Reduced Risk	
HQ Comr	nents:									
USES ON-	OR MITES & WHITEFLIES; NEED E HOLD UNTIL REG REVIEW IS COM CHABLE" AFTER CONFIRMATION F	IPLETED:07/14; MFG	DOES NOT SUPPORT:07/17		,			,	NEW	
Nominati	on Justification:									

(2022 CA) See previous;(2022 FL) There is an urgent need to identify acaricide treatments to control lychee erinose mite (LEM) populations. LEM was first detected in FL in 2018 and has now spread to several counties in central and south Florida. This pest may cause up to 80% reduction in fruit production. Performance data available from D. Carrillo.;

### **IPM Comments from Nomination Process:**

; Unknown: : Michael Horak; Unknown: : Janine Spies

Pena, Dr. Jorge E. P03-FL-DMP RECD NONE - SANMITE 75% AT 0.22 LB AI/A SIGNIFICANTLY REDUCED CITRUS RED MITE DENSITY, WITH SIGNIFICANT REDUCTION OF PREDACIOUS MITES

The		2022 FOOD USE WORKShop Priority A Nominations							
Project		Entomology	Date: 9/6/2022						
<u>PR#</u>	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS						
13391 ★	TOLFENPYRAD (NAI)	* LYCHEE (24A=TROPICAL AND SUBTROPICAL, SMALL FRUIT, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY						
<u>Reasons fo</u>	r need: ONLY SULFUR USED AS A PREV RESISTANCE MANAGEMENT	/ENTATIVE IS REGISTERED FOR USE; NEED FOR ALTERNATIVES FOR	REQ STATES FL						
NorthEast Re	ngion NorthCentral Region	Southern Region A Western Region	Reduced Risk						

### PCR Use Pattern:

TOLFENPYRAD FOLIAR APPLIED AT 27 FL OZ/A WITH 3 APPLIC, 7-10 DAY RETREATMENT INTERVAL, 1-DAY PHI; APPLY FIRST APPLIC AT PANICLE OR VEGETATIVE GROWTH EMERGENCE; ROTATE WITH OTHER ACARICIDES UNTIL FLOWERING OR GROWTH FLUSH/LEAVES HAVE MATURED; DO NOT USE WHEN OPEN FLOWERS ARE PRESENT; DO NOT SPRAY WATER RESOURCES

### **Nomination Justification:**

(2022 FL) There is an urgent need to identify acaricide treatments to control lychee erinose mite (LEM) populations. LEM was first detected in FL in 2018 and has now spread to several counties in central and south Florida. This pest may cause up to 80% reduction in fruit production. Performance data available from D. Carrillo.;

### **IPM Comments from PCR:**

PER REQUESTER, A GOOD FIT; WHILE HIGHLY TOXIC TO BEES/POLLINATORS, APPLIC COULD BE USED BEFORE OPEN FLOWERS, AFTER FLOWERING, AND DURING PERIODS OF VEGETATIVE FLUSH

**IPM Comments from Nomination Process:** 

; Good Fit: See previous .: Janine Spies





#### Entomology Date: 9/6/2022 PR# CHEMICAL (MFG) **COMMODITY (CROP GROUP) PROJECT STATUS** 13504 ISOCYCLOSERAM (ISM-555) (SYNGEN) \* POMEGRANATE (24B=TROPICAL AND SUBTROPICAL, RESEARCHABLE, RESIDUE & E/CS DATA NEEDED MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP) PLANT BUGS, STINK BUGS; REGISTRANT INDICATES HIGH DEGREE OF EFFICACY ON PLANT BUGS. NO CA Reasons for need: **REQ STATES** ROTATIONAL CHEMISTRY AVAILABLE FOR TRUE BUG CONTROL AS ONLY REGISTERED PRODUCT IS BIFENTHRIN. NO INDICATION THAT OTHER IRAC GROUP 30 CHEMISTRY WILL BE AVAILABLE: NorthEast Region **Reduced Risk** NorthCentral Region Southern Region Western Region А

### PCR Use Pattern:

DOSE: 60 G AI/HA; FOLIAR APPLICATION, 2 APPLICATIONS, 30 DAY RTI, 14 DAY PHI; APPLY TO NON BEARING TREES PRE OR POST BLOOM IN 20-100 GPA

**Nomination Justification:** 

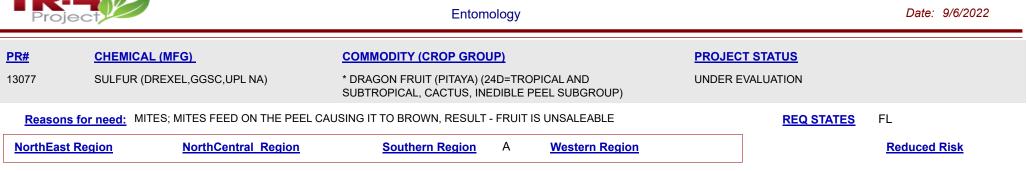
(2022 CA) See PCR request;

### **IPM Comments from PCR:**

PER REQUESTER: UNKNOWN FIT; OTHER IR-4 SUBMITTED PROJECTS INDICATE GOOD TO VERY GOOD FIT, RELATIVELY NONTOXIC TO BENEFICIALS. ISOCYCLOSERAM WOULD BE A ROTATIONAL CHEMISTRY IN IRAC GROUP 30 TO THE EXISTING PRODUCT (BIFENTHRIN IRAC GROUP 3A) FOR RESISTANCE MANAGEMENT:08/22

**IPM Comments from Nomination Process:** 

; Unknown: See PCR request: Michael Horak



### PCR Use Pattern:

USE THE MICROTHIOL DISPERSS PRODUCT; MAKE 3 FOLIAR APPLIC OF 10-30 LB PRODUCT/A, 7-14 DAY INTERVAL, 1-DAY PHI; APPLY AT FIRST SIGN OF MITES AND CONTINUE UNTIL HARVEST; DO NOT SPRAY WITHIN 30 DAYS OF AN OIL APPLIC

#### HQ Comments:

NO KEY EXPORT MARKET NOTED; SINCE THERE IS AN EXEMPTION FROM THE REQUIREMENT OF A TOLERANCE FOR SULFUR, LIKELY JUST PERFORMANCE DATA IS NEEDED:06/20; EPA GREEN:08/21, 08/22

#### **Nomination Justification:**

(2021 FL) Nothing registered to control mites in dragonfruit, up to 80% crop loss.;(2022 FL) See previous comments.;

#### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; RELATIVELY NON-TOXIC TO BENEFICIALS, APPLIED AFTER FLOWERING/FRUIT SET, SHORT WINDOW OF APPLICATION - ~30 DAYS FLOWERING TO HARVEST:06/20

#### **IPM Comments from Nomination Process:**

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

PR#     CHEMICAL (MFG)     COMMODITY (CROP GROUP)     PROJECT STATUS	
13305   ZETA-CYPERMETHRIN (FMC)   * DRAGON FRUIT (PITAYA) (24D=TROPICAL AND   RESEARCHABLE, RESIDUE & E/CS DA     SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)   SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	DATA NEEDED
Reasons for need:VARIOUS MITES, CHILI THRIPS, STINKBUGS; THERE IS NOTHING REGISTERED ON SET FRUIT TO CONTROLREQ STATESFLTHESE PESTS ON DRAGONFRUIT. CHILI THRIPS ALONE CAN REDUCE CROP YIELDS BY APPROXIMATELY 80%.FL	E
NorthEast Region NorthCentral Region Southern Region A Western Region A	Reduced Risk

## PCR Use Pattern:

MUSTANG MAXX, ZETA-CYPERMETHRIN 0.15 LB/A/YR; FOLIAR APPLICATION, WITH 8 APPLICATIONS AND RETREATMENT INTERVAL OF 7 TO 10 DAYS; 1 DAY PHI; SCOUT FOR KNOWN INSECT PESTS AND APPLY FOLIARLY AT A 7-10 DAY INTERVAL. MAXIMUM RATE PER APPLICATION IS 4 OZ.A AND 8 APPLICATIONS MAX PER YEAR. DO NOT APPLY DURING BLOOM. DO NOT APPLY TO WATER BODIES (STRAMS, RIVERS, LAKES, CANALS, ETC.)

MFG INDICATES THAT INTERNATIONAL MRL'S NEED TO BE ESTABLISHED IF PRODUCTION IS ALSO FOR EXPORT; .EPA GREEN 08/22

### Nomination Justification:

(2021 FL) There is nothing registered to control major insect pests on dragon fruit: chilli thrips, mites, stink bugs.;(2022 FL) An effective insecticide (really more than one is needed) is needed for commercial producers. High priority for Florida producers.;

## **IPM Comments from PCR:**

PER REQUESTOR GOODFIT, WOULD BE USED ON SET FRUIT, NOT DURING BLOOM. THIS WOULD AVOID AFFECTING POLLINATORS INCLUDING HONEY BEES.

#### **IPM Comments from Nomination Process:**

; Good Fit: See previous comments .: Janine Spies

The		2022 F00	a use worksn	op	Phonty A	NOMIN	ations		
Proje	ect		Entomol	ogy			Date: 9/6/2022		
<b>PR#</b> 12562	<u>CHEMICAL (MFG)</u> PYRIDABEN (GOWAN)		COMMODITY (CROP GROUP MIRACLE FRUIT (26=SPICES C	_	ROUP)	-	<mark>T STATUS</mark> CHABLE, RESIDUE & E/CS	DATA NEEDED	
Reasons		CK LEAVES AND FRUI	T; NOTHING REGISTERED FOR Southern Region	THIS C	ROP TO CONTROL MITES		REQ STATES	FL <u>Reduced Risk</u>	

### PCR Use Pattern:

USE THE SANMITE SC PRODUCT; MAKE 5 FOLIAR APPLIC OF 6.4-9.6 OZ/A, 30-DAY INTERVAL, 14-DAY PHI; LIMIT TO 2 APPLIC/YR; APPLY WHEN MITES ARE DETECTED; ROTATE WITH OTHER MITICIDES TO AVOID RESISTANCE

#### **HQ Comments:**

NO EXPORT MARKETS NOTED; THIS CROP IS PROPOSED TO BE IN THE SPICE CROP GROUP 26; THERE IS NO TOLERANCE FOR DILL OR SPICE SUBGROUP 19B:08/18; EPA GREEN:09/19; IR-4 SOUTHERN REGION TO CONFIRM PEST COMPLEX TARGET(S), THEN MAY NOT NEED E/CS DATA:05/20; EPA GREEN: 08/20, 08/21, 08/22, 08/22, 08/21, 08/22,

#### **Nomination Justification:**

(2019 FL) MITES THAT ATTACK LEAVES AND FRUIT; NOTHING REGISTERED FOR THIS CROP TO CONTROL MITES;(2022 FL) See requestor comments.;

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

#### **IPM Comments from PCR:**

PER REQUESTOR: UNKNOWN IPM FIT: THIS CROP IS CURRENTLY GROWN UNDER A POLE AND CABLE SHADE SCREENHOUSE IN CONTAINERS AND IS BEING TESTED FOR OUTDOOR PRODUCTION:08/18

#### **IPM Comments from Nomination Process:**

; Unknown: : Janine Spies

Pro	oject		Entom	ology					Date: 9/6/20	022
<b>PR#</b> 13009		CHEMICAL (MFG)COMMODITY (CROP GROUP)PROJECT STATUSACEQUINOCYL (UPL NA)HEMP (99=MISC GROUP)RESEARCHABLE, RE							S DATA NEEDED	
<u>Reaso</u>	ns for need: MITES,	TSSM; NO CONVENTIONAL M	IITICIDE AVAILABLE FOR HEMP I	IN USA			REQ	STATES	FL KY VA AZ OK	DE NY
<u>NorthEa</u>	st Region A	NorthCentral Region	Southern Region	В	Western Region	В			Reduced Risk	Yes
USE THE HQ Com	PCR Use Pattern: USE THE KANEMITE PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.3 LB AI/A, 7-14 DAY INTERVAL, 7-DAY PHI HQ Comments: REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED:06/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:07/20; EPA GREEN:08/20 & 08/21, 08/22									
Nomination Justification: (2020 MD) see previous comments;(2021 MD) need miticides;(2022 MD) There are not residual insecticides for hemp;(2022 CA) See previous;(2022 FL) See previous comments.;										
IPM Comments from PCR:										
PER REQUESTER: VERY GOOD IPM FIT; HAD BOTH GH AND FIELD USES; ACTIVE ON KEY MITES:06/20										

**IPM Comments from Nomination Process:** 

Proje	ect			Entor	ology		Date: 9/6/2022				
<b>PR#</b> 13006		IICAL (I AZATE (	<mark>MFG)</mark> (UPL NA)	COMMODITY (CROP GROU HEMP (99=MISC GROUP)	<u>UP)</u>				CT STATUS CHABLE, RESIDUE & E/C	S DATA NEEDED	
<u>Reasons</u> <u>NorthEast</u>		MITES	; NO CONVENTIONAL MITICIDE <u>NorthCentral Region</u>	ES ARE CURRENTLY REGISTER	ED FOR B	HEMP IN THE USA	В		<u>REQ STATES</u>	FL KY VA AZ NY <u>Reduced Risk</u>	Yes
	CRAMITE P		CT; MAKE 4 FOLIAR APPLIC, 7-14 MAX OF 2 APPLIC PER SEASO		E AND C	)THER USE PATTERN DE	ETAILS	SNOT PROV	/IDED, EXCEPT TO USE F	PER LABEL	

#### **HQ Comments:**

REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED:06/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:07/20; EPA GREEN:08/20; EPA CAUTION: 08/21, 08/22

### **Nomination Justification:**

(2021 MD) need miticides;(2022 MD) Currently no residual insecticides for hemp;(2022 CA) See previous;(2022 FL) See previous comments.;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; THERE ARE BOTH FIELD AND GREENHOUSE LABELS; COVERS THE KEY MITE PESTS:06/20

#### IPM Comments from Nomination Process:

Projec	ct					Entomol	ogy					Date: 9/6/202	2
<b>PR#</b> 13010		I <mark>ICAL (M</mark> THRIN (A	i <mark>fg)</mark> Dama,amvac,f	FMC)	COMMODITY (CROP HEMP (99=MISC GRO		ײ			PROJECT	T <mark>STATUS</mark> HABLE, RESIDUE & E/CS	S DATA NEEDED	
<u>Reasons fo</u>	or need:				E ARE NO CONVENTION NEED A BROAD SPECT				HEMP II	N	REQ STATES	FL KY VA AZ NY	
NorthEast Re	egion	A	<b>NorthCentral</b>	Region	Southern Re	<u>gion</u>	В	Western Region	В			Reduced Risk	

## PCR Use Pattern:

USE THE CAPTURE PRODUCT: MAKE 6 APPLIC, VIA FOLIAR AND DRENCH, 7-14 DAY INTERVAL, 7-DAY PHI; NO OTHER USE PATTERN DETAILS PROVIDED, EXCEPT TO USE PER LABEL DIRECTIONS; FOR THE DISCIPLINE 2EC PRODUCT: MAKE 3-5 FOLIAR APPLIC (VIA BOOM, BACKPACK, ULV, CHEMIGATION), 0.03-0.1 LB AI/A, 7-14 DAY INTERVAL, 1-7 DAY PHI; OTHER USE DIRECTIONS PER CURRENT LABEL

## HQ Comments:

REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED:06/20; EPA CAUTION:08/20; ADAMA AND FMC WILL NOT SUPPORT THIS USE: 06/22; EPA ORANGE: 08/22

#### **Nomination Justification:**

(2021 MD) NE interest; (2022 MD) Currently no residual insecticides for hemp; (2022 CA) See previous; (2022 FL) See previous comments.;

#### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; THIS PRODUCT IS KEY FOR BOTH WEEVILS, ROOT APHIDS AND LEPS:06/20

### **IPM Comments from Nomination Process:**

Projec	et.			Entomo	logy					Date: 9/6/2	022
<u>PR#</u> 13000		I <mark>CAL (M</mark>	<mark>FG)</mark> IILIPROLE (FMC)	COMMODITY (CROP GROUP)	<u>)</u>			PROJECT	T <mark>STATUS</mark> HABLE, RESIDUE & E/CS	S DATA NEEDED	
Reasons for	r need:	LEPIDO	PTERA, WHITEFLY; NOTHING F	REGISTERED					REQ STATES	FL KY VA DE	
NorthEast Re	<u>gion</u>	А	NorthCentral Region	Southern Region	А	Western Region	В			Reduced Risk	Yes

### PCR Use Pattern:

USE THE CORAGEN PRODUCT; MAKE UP TO 4 APPLIC PER CROP (FOLIAR, CHEMIGATION, DRENCH) OF 0.045-0.098 LB AI/A, 3-10 DAY INTERVAL, 7-DAY PHI

### **HQ Comments:**

REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED:05/20; EPA GREEN:08/20, 08/22

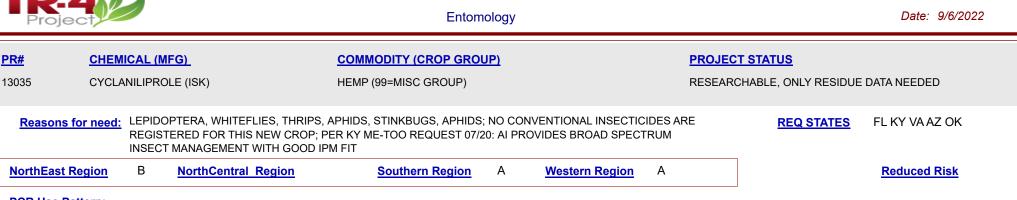
#### **Nomination Justification:**

(2021 MD) need Lep. and whitefly control;(2021 FL) There are no conventional pesticides registered in hemp. Products are needed to manage high lepidopteran, whitefly pressure.;(2022 MD) More pollinator friendly. Low toxicity to honey bees. softer product.;(2022 CA) See previous;(2022 FL) There are no conventional pesticides registered in hemp. Products are needed to manage high lepidopteran, whitefly pressure; performance data generated under IS00357.;

#### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; THIS MATERIAL IS REGISTERED IN BOTH GREENHOUSE AND FIELD USE ON MANY CROPS; HEMP GROWERS ARE ALREADY FAMILIAR WITH THIS PESTICIDE AND IT IS EFFECTIVE ON KEY TARGET PESTS:05/20

#### **IPM Comments from Nomination Process:**



### PCR Use Pattern:

USE THE HARVANTA 50SL PRODUCT; MAKE 3-5 FOLIAGE/CHEMIGATION/DRIP APPLIC OF 0.036-0.054 LB AI/A (10.9-16.4 FL OZ PRODUCT), 7-14 DAY INTERVAL, 1-7 DAY PHI; OTHER USE DIRECTIONS PER THE LABEL

#### HQ Comments:

NO KEY EXPORT MARKETS NOTED; FOR USE IN FIELD AND GH HEMP PRODUCTION:06/20; MFG SUPPORTS THIS USE, ONLY RESIDUE DATA NEEDED:07/20; EPA CAUTION: 08/21, 08/22

#### **Nomination Justification:**

(2020 FL) Broad spectrum insecticide; effective, conventional products are needed for this new crop as none are registered and available for growers.;(2020 MD) see previous comments;(2020 CA) see previous;(2020 FL) Currently there are still no conventional Insect/Mite pesticides registered for Hemp in the US.;(2021 MD) see previous comments;(2021 FL) There are no conventional pesticides registered in hemp. Broad spectrum product needed to manage multiple insect pests.;(2022 CA) See previous;(2022 FL) See previous comments; performance data generated under IS00357.;

### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; BROAD SPECTRUM INSECTICIDE THAT CAN MANAGE MULTIPLE INSECT PESTS ON HEMP:06/20

#### **IPM Comments from Nomination Process:**

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

The		2022 F		noh	Priority A			alions		
Proje	ct		Entom	ology			Date: 9/6/2022			
<u>PR#</u>	CHEMICAL (	MFG)	COMMODITY (CROP GROL	JP)			PROJEC	CT STATUS		
13036 ★	ETOXAZOLE	(AMVAC,VALENT)	HEMP (99=MISC GROUP)				POTENTI RESIDUE	IAL: E/CS DATA BEFORE A E STUDY	APPROVAL FOR	
<u>Reasons f</u>	for need: MITES	S; CURRENTLY NO CONVENT	IONAL MITICIDES ARE REGISTERE		RHEMP			REQ STATES	FL VA AZ	
NorthEast R	Region B	NorthCentral Region	Southern Region	А	Western Region	В			Reduced Risk	Yes

## PCR Use Pattern:

USE THE STIFLE PRODUCT (AMVAC); MAKE 3-5 APPLIC OF 0.04-0.1 LB AI/A; APPLY VIA BOOM, BACKPACK SPRAYER, HAND HELD PUMP SPRAYER, CHEMIGATION OR ULV; 7-14 DAY APPLIC INTERVAL: 7-DAY PHI: OTHER USE DIRECTIONS PER CURRENT LABEL: AMVAC WOULD SUGGEST AND SUPPORT THE FOLLOWING USE PATTERN: USE THE STIFLE WP FORMULATION, MAKE 1 APPLIC PER HARVESTED CROP, USING A RATE OF 0.09-0.18 LB AI/A OR EQUIVALENT PER SQ FT FOR GH USE, 7-DAY PHI:08/20 **HQ Comments:** 

THIS REQUEST IS FOR FIELD AND GH-GROWN HEMP; NO KEY EXPORT MARKET NOTED:06/20; VALENT DOES NOT SUPPORT THIS USE AT THIS TIME; IR-4 RECEIVED CONFIRMATION FROM AMVAC THAT THEY WILL SUPPORT THIS USE, WITH RESIDUE AND MAYBE JUST CROP SAFETY DATA REQUIRED; AMVAC MAY ALSO PROVIDE SOME FINANCIAL ASSISTANCE TO OFFSET RESEARCH COSTS:08/20: VALENT IS NOW SUPPORTIVE OF THIS USE:04/21

### **Nomination Justification:**

(2021 MD) need mite control products;(2022 CA) See previous;(2022 FL) See previous comments. Performance data generated in IS00382.;

#### **IPM Comments from PCR:**

PER REQUESTER: VERY GOOD IPM FIT; HEMP IS A NEW INDUSTRY WITHOUT CURRENT CONVENTION PESTICIDE REGISTRATIONS; THIS MITICIDE IS NEEDED FOR BOTH FIELD AND GH:06/20

#### **IPM Comments from Nomination Process:**

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

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_

Proje	ct				Entomo	ology		Date: 9/6/2022				
<b>PR#</b> 13033		<mark>ICAL (M</mark> ′ROXIMA	I <mark>FG)</mark> TE (NAI)		COMMODITY (CROP GROU HEMP (99=MISC GROUP)		PROJECT STATUS RESEARCHABLE, RESIDUE & E/CS DATA					
<u>Reasons f</u>	or need:	SPIDE	R MITES, BROAD	MITE HEMP RU	JST MITES; NO MITICIDES AVAI	LABLE				REQ STATES	KY FL VA AZ OK	DE CA
NorthEast R	egion	А	<b>NorthCentral</b>	Region	Southern Region	А	Western Region	А			Reduced Risk	Yes

### PCR Use Pattern:

USE PORTAL XLO PRODUCT; MAKE 2 FOLIAR APPLIC OF 0.1 LB AI/A, 14-DAY INTERVAL, 7-DAY PHI; USE MINIMUM OF 30 GPA; DO NOT APPLY THROUGH AN IRRIGATION SYSTEM

## HQ Comments:

REQUEST IS FOR FIELD AND GH; NO KEY EXPORT MARKET NOTED:06/20; MFG SUPPORTS, PERFORMANCE AND RESIDUE DATA REQUIRED:07/20; EPA GREEN:08/21, 08/22

#### Nomination Justification:

(2020 FL) Mites are a major pest in field and GH hemp in the southeast; no miticides are available to growers; registrant is supportive of this ai for use in hemp.;(2020 MD) see previous comments;(2020 CA) see previous;(2020 FL) The hemp industry does not have any conventional miticides reigstered.;(2021 CA) See previous;(2021 MD) see previous comments;(2021 FL) There are currently no registered miticides for hemp.;(2022 MD) see database comments;(2022 CA) See previous;(2022 FL) See previous comments. Performance data generated in IS00382.;

#### **IPM Comments from PCR:**

PER REQUESTER: GOOD IPM FIT; THIS MITICIDE IS CONSIDERED MODERATELY TOXIC TO MITE PREDATORS:06/20

#### **IPM Comments from Nomination Process:**

The			Jse works	nop	Priority A		omin	ations	
Proje	ect		Entom	ology					Date: 9/6/2022
<u>PR#</u>	CHEMICAL (MFG)	COM	MODITY (CROP GROU	JP)			PROJEC	T STATUS	
13056 ★	56 * SP3014 (SEPRO) HEMP (99=MISC GROUP) POTENTIAL: E/CS DATA BI   RESIDUE STUDY RESIDUE STUDY							APPROVAL FOR	
<u>Reasons</u>	,	TARGETS MITES, APHID L FOR LEP CONTROL (C		S, ETC.)	); THIS IS A NEW MATE	RIAL TH	AT	REQ STATES	FL
NorthEast	Region NorthCentra	al Region	Southern Region	А	Western Region	В			Reduced Risk
HQ Comm	OLIAR APPLIC, 3-10 DAY INTERVA						OPTERA: 07	/22	
Nomination Justification:									
(2021 MD) need mite control;(2022 CA) See previous;(2022 FL) See previous comments.;									
IPM Comments from PCR:									
PER REQUESTER: GOOD IPM FIT; PRELIMINARY INFORMATION PLACES THIS AS A GOOD MATERIAL FOR USE IN HEMP FOR LEPIDOPTERAN CONTROL:06/20									
IPM Comn	nents from Nomination Process:	<u>.</u>							

\_\_\_\_\_\_

; Good Fit: See previous: Michael Horak; Good Fit: See previous comments.: Janine Spies



Entomology Date: 9/6/2022 PR# CHEMICAL (MFG) **COMMODITY (CROP GROUP)** PROJECT STATUS 10490 SPINETORAM (CORTEVA) LABELED, RESIDUE DATA NEEDED FOR EXPORT HOPS (99=MISC GROUP) ARMYWORMS, CUTWORMS, LEAFROLLERS, LOOPERS, THRIPS (SUPPRESSION); PER NY ME-TOO REQUEST, Reasons for need: **REQ STATES** WA PA VA NY ALMOST NO PRODUCTS LABELED FOR EUROPEAN CORN BORER AND SOME OTHER LEPIDOPTERA ON THIS CROP; CURRENT LABEL ONLY ALLOWS DELEGATE USE ON DRIED HOP CONES; SUGGEST CONSIDERING USE DURING PRODUCTION FOR OTHER TARGET LEPIDOPTERA AND PESTS ON LABEL В NorthEast Region **NorthCentral Region** А Southern Region Western Region **Reduced Risk** Yes

### PCR Use Pattern:

0.039-0.063 LB AI/A; AIR BLAST; 40-200 GPA, TYPICAL VOLUME IS 100 GPA; 5 APPLIC; 4-DAY INTERVAL BETWEEN APPLIC; 1-DAY PHI

#### **HQ Comments:**

REQUEST TO GENERATE SUPPORTING RESIDUE DATA FOR THE ESTABLISHMENT OF A CODEX MRL & MRLS IN KEY EXPORT MARKETS:08/09; USE IS LABELED; CONSIDERED AN "INT'L RED A" FOR IR-4 RESIDUE TRIALS, PER HOPS COMMISSION NEEDS AND DEPENDENT ON HOPS TRIAL RESOURCES (INSUFFICIENT FOR 2011 TRIALS):08/10; NEED FOR 4 "RED A" TRIALS TO SUPPORT CODEX MRLS IS NOT A HOPS COMMISSION PRIORITY FOR 2014:10/13; PMC CANADA HAS AN ONGOING 3-TRIAL RESIDUE STUDY WITH SPINOSAD:06/20; EPA GREEN: 08/20, 08/21, 08/22

### Nomination Justification:

(2010 CA) Red "A";(2015 WI) more interest in WI;(2015 NY) Growing interest in NER;(2017 CA) Revisiting priority from 2016;;(2018 MD) (2015 NY) Growing interest in NER;(2017 CA) Revisiting priority from 2016;;(2022 MI) same;

### **IPM Comments from Nomination Process:**

; Unknown: : Nicole Soldan

XC-DORSCHNER-W SR	Meeks, Mr. Will	10-ID06	01/24/11	10-CAR10	DISCA RD
XC-DORSCHNER-W SR	Koskela, Ms. Gina	10-OR13	10/04/10	10-CAR10	DISCA RD
XC-DORSCHNER-W SR	Groenendale, D.	10-WA11	08/06/10	10-CAR10	DISCA RD
XC-DORSCHNER-W SR	Groenendale, D.	10-WA12	08/06/10	10-CAR10	DISCA RD



oject	Entomology	Date: 9/6/2022
Total # of PRs:	47	
Total # of Trials:	9	
<u>Total # Chemical:</u>	25	
<u>Total # Commodity:</u>	20	