



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13137 *	BROFLANILIDE (BASF)	SWEET POTATO (01CD=TUBEROUS AND CORM VEGETABLES SUBGROUPS)	NEED E/CS DATA ONLY

Reasons for need: CONODERUS SPP. MELANOTUS COMMUNIS DIABROTICA UNDECIMPUNCTATA CHAETOCNEMA CONFINIS; CURRENTLY, CHLORPYRIFOS (LORSBAN) WILL BE LOSING IMPORT TOLERANCES IN THE EU; SWEETPOTATO GROWERS DEPEND ON LORSBAN TO MANAGE A COMPLEX OF SOIL-BORNE INSECT PESTS THAT CAUSE DIRECT DAMAGE TO MARKETABLE ROOTS; IN THE ABSENCE OF LORSBAN, GROWERS HAVE TRANSITIONED TO A PYRETHROID+NEONICOTINOID MANAGEMENT PROGRAM FOR THESE PESTS; GIVEN THE POTENTIAL NON-TARGET IMPACTS AND COST OF BOTH OF THESE MODE OF ACTION GROUPS, SAFE ALTERNATIVE INSECTICIDES ARE VERY IMPORTANT TO CONTINUE PROGRESS TOWARD A MORE SUSTAINABLE PEST MANAGEMENT PROGRAM FOR SWEETPOTATO IN THE SOUTHEASTERN US; PER FL ME-TOO REQUEST: THERE ARE NO EFFICACIOUS ALTERNATIVE INSECTICIDES AVAILABLE FOR WIREWORM CONTROL ON SWEET POTATOES

REQ STATES NC FL MS KY GA

NorthEast Region NorthCentral Region Southern Region A Western Region Reduced Risk

PCR Use Pattern:
 APPLY 2-4 FL OZ PRODUCT/A; APPLIC TO BE MADE 1) SOIL APPLIED BROADCAST PRE-PLANT INCORPORATED [PPI, WITH FIELD CULTIVATOR OR DISK]; 2) SOIL APPLIED IN-FURROW Banded, SPRAYED AT BED FORMING/SHAPING; AND/OR 3) SOIL APPLIED AS A POST-TRANSPLANT DIRECTED SPRAY, INCORPORATED INTO THE SOIL IMMEDIATELY FOLLOWING APPLIC; THIS MATERIAL FITS WELL WITH EXISTING TECHNOLOGY AND THE CURRENT PEST COMPLEX COMMON TO THE SOUTHEASTERN US

HQ Comments:
 KEY MARKETS NOTED AS THE EU AND ASIA; THREE SEPARATE REQUESTS WERE SUBMITTED FOR THE 3 SOIL APPLIC TIMING OPTIONS DETAILED IN THE PCR USE PATTERN INFO; IR-4 INCORPORATED ALL 3 APPLIC TYPES INTO THIS SINGLE PR#, ANTICIPATING THAT ALL 3 APPLIC TIMINGS COULD BE COVERED IN A WELL-DESIGNED RESIDUE PROTOCOL; BASF SUPPORTS THE IN-FURROW AT PLANTING APPLIC TIMING (PART 2 OF THE PCR USE PATTERN CAPTURED IN THIS REQUEST) AS A MFG OBJECTIVE, NO RESIDUE TRIALS ARE NEEDED AND THE SWEET POTATO USE WILL BE INCLUDED ON THE INITIAL LABEL RELEASE UPON REGISTRATION; BUT BASF REQUESTS FURTHER EFFICACY DATA ON THE SOIL BORNE PEST SPECTRUM FROM THE SOIL BROADCAST PPI APPLIC TIMING (PART 1 OF THE PCR USE PATTERN CAPTURED IN THIS REQUEST) SINCE THAT IS A CURRENT PRACTICE IN SWEET POTATO PRODUCTION; BASF WILL COST SHARE (50%) FOR THE E/CS TRIALS; THE POST-TRANSPLANT DIRECTED/INCORPORATED SPRAY APPLIC TYPE (PART 3 OF THE PCR USE PATTERN CAPTURED IN THIS REQUEST) IS ON HOLD BY BASF UNTIL AFTER THE INITIAL REGISTRATION FOR THE AI IS SECURED (BASF SUGGESTS MAKING THIS APPLIC TYPE THE SUBJECT OF A SEPARATE PCR):08/20; EPA CAUTION:09/20

Efficacy/Crop Safety (E/CS) Data Required:
 BASF REQUESTS 2-4 TRIALS TO ADD SOIL BORNE PESTS TO THE LABEL FROM THE SOIL BROADCAST PPI APPLIC TIMING (50% COST SHARE BY BASF):08/20

Nomination Justification:
 (2020 FL) A NEED FOR EFFICACIOUS ALTERNATIVE INSECTICIDES AVAILABLE FOR WIREWORM CONTROL ON SWEET POTATOES, ESPECIALLY WITH THE LOSS OF CHLORPYRIFOS; SAFE ALTERNATIVES NEEDED TO PYRETHROIDS+NEONICOTINOIDS;(2021 FL) In need of an efficacious alternative to chlorpyrifos. In addition to wireworms and white grubs, the beetle complex of concern in sweetpotato include Diabrotica spp (banded and spotted cucumber beetles in MS) and various flea beetles (Systema spp. and Chaetocnema confinis). All these directly feed on the root during the larval stage. Both PPI (broadcast or banded) and layby incorporated applications could prove to be efficacious.;

IPM Comments from PCR:



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PER REQUESTER: VERY GOOD IPM FIT; LORSBAN ALTERNATIVE INSECTICIDES THAT CAN BE POSITIONED AS EITHER A PRE-PLANT INCORPORATED INSECTICIDE OR POST-TRANSPLANT SOIL INCORPORATED DIRECTED APPLICATION WILL BE CRUCIAL TO THIS INDUSTRY OVER THE NEXT SEVERAL YEARS; BROFLANILIDE WOULD FIT AS A LORSBAN ALTERNATIVE TO CONTROL THE SWEETPOTATO PEST COMPLEX IN NC AND SOUTHEASTERN US:08/20



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12799 *	BROFLANILIDE (BASF)	* ONION (03-07AB=ONION BULB AND GREEN SUBGROUPS)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: ONION MAGGOT, DALIA ANTIQUA, SEEDCORN MAGGOT, DELIA PLATURA; CHLORPYRIFOS WILL BE BANNED FOR USE IN MOST STATES; TRIGARD SEED TREATMENT MAY NO LONGER BE AVAILABLE; SEPRESTO SEED TREATMENT IS INEFFECTIVE; ONLY ONE VIABLE OPTION EXISTS - FARMORE FI500; PER CO ME-TOO REQUEST, THERE ARE ISSUES WITH THESE PESTS ON THE WESTERN SLOPE OF CO; PER AR ME-TOO REQUEST, ONION TRANSPLANT GROWERS SUPPORT THIS REQUEST; PER CA ME-TOO REQUEST, SEED TREATMENTS ARE THE ONLY ALTERNATIVES NOW, AS CHLORPYRIFOS USES ARE CANCELED; PER WA ME-TOO REQUEST, WOULD REPLACE POST-SEEDING PRE-EMERGENT BROADCAST SPRAYS OF CHLORPYRIFOS IN THE COLUMBIA BASIN ONION GROWING AREAS OF WASHINGTON STATE AND OREGON AND IN THE TREASURE VALLEY OF OREGON AND IDAHO;; PER FL ME-TOO REQUEST, ONION MAGGOT HAS BEEN A GROWING PROBLEM FOR ONION AND CHIVE GROWERS, AND THIS PROVIDES A REASONABLE OPTION AS A SEED TREATMENT:08/19

REQ STATES NY CO AZ CA WA MT ID OR FL GA

[NorthEast Region](#) [NorthCentral Region](#) [Southern Region](#) [Western Region](#) A

[Reduced Risk](#)

PCR Use Pattern:
MAKE ONE SEED TREATMENT APPLIC; RATE, PHI NOT DEFINED; MUST BE APPLIED BY A COMMERCIAL SEED TREATER

HQ Comments:
REQUEST IS FOR SEED TREATMENT; IS AN EXPORT COMMODITY TO MANY COUNTRIES; MFG MADE REQUEST "POTENTIAL":08/19; BASF WILL ONLY SUPPORT DRY BULB ONION FOR THIS PCR; EPA CAUTION: 08/21; BASF ONLY SUPPORTS DRY BULB ONION; 08/21

Efficacy/Crop Safety (E/CS) Data Required:
BASF REQUESTS 6-8 PERFORMANCE TRIALS, CONDUCTED IN COMMERCIALY RELEVANT ONION GROWING AREAS (I.E, THE PCR REQUESTING STATES) ACROSS THE U.S., WITH BOTH ONION MAGGOT EFFICACY DATA AND CROP SAFETY DATA COLLECTED; BASF TO BE ACTIVELY INVOLVED IN PROTOCOL DEVELOPMENT FOR THE PERFORMANCE PROGRAM, POSSIBLY EVALUATING BOTH SEED TREATMENT AND IN-SOIL APPLIC; BASF RECOMMENDS 4 TO 6 TRIALS WITH TREATMENT LIST INCLUDING IN-FURROW AT 2 RATES (12.9 G/HA AND 29.3 G/HA), ST AT 2 RATES (14.7 G/HA AND 33.4 G/HA) AND 2 COMMERCIAL STANDARDS (ONE FOR IN-FURROW AND OTHER FOR ST); BASF TO COST SHARE 50% OF THE PROD. PERF. TRIALS: 08/21

Nomination Justification:



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(2019 FL) GIVEN FEW OPTIONS FOR ONION MAGGOT CONTROL, EFFECTIVE OPTIONS ARE DESPERATELY NEEDED. PER FL ME-TOO REQUEST, ONION MAGGOT HAS BEEN A GROWING PROBLEM FOR ONION AND CHIVE GROWERS, AND THIS PROVIDES A REASONABLE OPTION AS A SEED TREATMENT; PER AR ME-TOO REQUEST, ONION TRANSPLANT GROWERS SUPPORT THIS REQUEST:08/19;(2019 CA) See submitter comments;(2019 NY) Excellent new chemistry seed treatment for onion for control of onion maggot. Preliminary field study at Cornell has shown excellent efficacy. Provides alternative for current labeled neonic.;(2019 MI) (2019 FL) GIVEN FEW OPTIONS FOR ONION MAGGOT CONTROL, EFFECTIVE OPTIONS ARE DESPERATELY NEEDED. PER FL ME-TOO REQUEST, ONION MAGGOT HAS BEEN A GROWING PROBLEM FOR ONION AND CHIVE GROWERS, AND THIS PROVIDES A REASONABLE OPTION AS A SEED TREATMENT; PER AR ME-TOO REQUEST, ONION TRANSPLANT GROWERS SUPPORT THIS REQUEST:08/19;(2019 CA) See submitter comments;(2019 NY) Excellent new chemistry seed treatment for onion for control of onion maggot. Preliminary field study at Cornell has shown excellent efficacy. Provides alternative for current labeled neonic.;ONION MAGGOT, DALIA ANTIQUA, SEEDCORN MAGGOT, DELIA PLATURA; CHLORPYRIFOS WILL BE BANNED FOR USE IN MOST STATES; TRIGARD SEED TREATMENT MAY NO LONGER BE AVAILABLE; SEPRESTO SEED TREATMENT IS INEFFECTIVE; ONLY ONE VIABLE OPTION EXISTS - FARMORE FI500; PER CO ME-TOO REQUEST, THERE ARE ISSUES WITH THESE PESTS ON THE WESTERN SLOPE OF CO; PER AR ME-TOO REQUEST, ONION TRANSPLANT GROWERS SUPPORT THIS REQUEST; PER CA ME-TOO REQUEST, SEED TREATMENTS ARE THE ONLY ALTERNATIVES NOW, AS CHLORPYRIFOS USES ARE CANCELED; PER WA ME-TOO REQUEST, WOULD REPLACE POST-SEEDING PRE-EMERGENT BROADCAST SPRAYS OF CHLORPYRIFOS IN THE COLUMBIA BASIN ONION GROWING AREAS OF WASHINGTON STATE AND OREGON AND IN THE TREASURE VALLEY OF OREGON AND IDAHO;; PER FL ME-TOO REQUEST, ONION MAGGOT HAS BEEN A GROWING PROBLEM FOR ONION AND CHIVE GROWERS, AND THIS PROVIDES A REASONABLE OPTION AS A SEED TREATMENT:08/19;(2019 MD) see all previous comments;(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; SEED TREATMENTS IN GENERAL REQUIRE FAR LESS PESTICIDE AI TO PROTECT THE CROP FROM PESTS AND DISEASES COMPARED WITH IN-FURROW OR FOLIAR APPLIC; 100% OF DIRECT-SEEDED ONION ACREAGE IS TREATED WITH ONE OR MORE INSECTICIDES AT PLANTING; GIVEN FEW OPTIONS FOR ONION MAGGOT CONTROL, EFFECTIVE OPTIONS ARE DESPERATELY NEEDED; IN A FIELD TRIAL THIS SUMMER, BROFLANILIDE GAVE EXCELLENT CONTROL OF ONION MAGGOT UNDER A VERY HIGH PRESSURE SITUATION; PER OR ME-TOO REQUEST, THE BEST ALTERNATIVE IS FARMORE FI500 SEED TREATMENT, BUT RELIANCE ON A SINGLE ALTERNATIVE INCREASES THE RISK OF RESISTANCE DEVELOPING:08/19; PER 2019 NER NOMINATION COMMENT: SEED TREATMENT APPLIC RESULTS IN A 90% REDUCTION IN PESTICIDE USAGE COMPARED TO IN-FURROW APPLIC

PIKE	Nault, B.A.	P20-NYP02	NONE
PIKE	Nault, B.A.	P20-NYP03	NONE
PIKE	Chapman, Scott	P20-WIP02	NONE
PIKE	Chapman, Scott	P20-WIP03	NONE
PIKE	Wilson, Rob G.	P20-CAP14	NONE
PIKE	Waters, T.D.	P20-WAP05	NONE



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12800 *	ISM-555 (TBD)	* BEAN (SNAP) (06A=EDIBLE PODDED LEGUME VEGETABLES SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: SEED CORN MAGGOT; REPLACEMENT FOR CHLORPYRIPHOS; SEED TREATMENT WITH NEONICOTINOIDS IS ANOTHER OPTION BUT NOT ALWAYS AVAILABLE FOR ALL CULTIVARS AND PLANTING DATES, AND RESIDUES POSE RISK TO BEES; FEW EFFECTIVE OPTIONS EXIST; EFFECTIVE ORGANIC OPTIONS LACKING:08/19; PER NY 08/20 ME-TOO REQUEST: MORE EFFECTIVE OPTIONS ARE NEEDED

REQ STATES PA NY DE

[NorthEast Region](#) A [NorthCentral Region](#) [Southern Region](#) [Western Region](#) [Reduced Risk](#)

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 SNAP BEAN AND SUCCULENT PEAS (PR# 12801):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) Alternatives needed due to possible loss of chlorpyrifos and noenicotinoids.;(2019 MD) need alternatives to OPs and neonics;(2020 MD) Could be a good neonic replacement. Need effective options;(2021 MD) same as previous;

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 FOR SEED TREATMENT; PER NER 2020 NOMINATION COMMENT: GOOD FIT - ALTERNATIVE TO MORE RISKY PRODUCTS

IPM Comments from Nomination Process:
; Good Fit: same as previous: Marylee Ross



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<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
12801 *	ISM-555 (TBD)	* PEA (EDIBLE PODDED & SUCCULENT SHELLLED) (06AB=EDIBLE PODDED AND SUCCULENT SHELLLED PEA/BEAN SUBGROUPS)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: SEED CORN MAGGOT; REPLACEMENT FOR CHLORPYRIPHOS; SEED TREATMENT WITH NEONICOTINOIDS IS ANOTHER OPTION BUT NOT ALWAYS AVAILABLE FOR ALL CULTIVARS AND PLANTING DATES, AND RESIDUES POSE RISK TO BEES; FEW EFFECTIVE OPTIONS EXIST; EFFECTIVE ORGANIC OPTIONS LACKING:08/19

REQ STATES PA NY DE

[NorthEast Region](#) A [NorthCentral Region](#) [Southern Region](#) [Western Region](#)

[Reduced Risk](#)

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 neonicotinoids.;(2019 MD) see requester's comments;(2020 MD) see requester's comments;(2021 MD) same as previous;

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: same as previous: Marylee Ross



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<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13090	BCS-CW64991 (BAYER)	EGGPLANT (GH) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	UNDER EVALUATION

Reasons for need: MITES: TSSM, CITRUS AND EUROPEAN RED MITE, BROAD MITE; THIS MATERIAL COULD PERMIT BOTH DRIP AND FOLIAR APPLIC FOR CONTROL OF A WIDE RANGE OF MITES

REQ STATES FL

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	<u>Southern Region</u>	<u>Western Region</u>
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Reduced Risk

PCR Use Pattern:

MAKE 3-5 FOLIAR AND DRIP APPLIC; 7-14 DAY INTERVAL, 0-5 DAY PHI; USE RATE AND OTHER USE PATTERN DETAILS NOT PROVIDED (TBD PER MFG)

HQ Comments:

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

Nomination Justification:

(2021 MD) strong interest in NE for this product to control mites;

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 requestor's comment: Marylee Ross



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<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
08521 *	CHLORFENAPYR (BASF)	PEPPER (BELL & NONBELL) (GH) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	LABELED; NEED E/CS DATA TO ADD CROP/PEST TO LABEL

Reasons for need: PEPPER WEEVIL; FROM PROJECT NOMINATION JUSTIFICATION COMMENTS: PEPPER WEEVIL IS A MAJOR PEST IN FIELD AND GH PEPPERS; THERE'S INT'L INTEREST IN THIS USE AS WELL

REQ STATES OK FL

NorthEast Region A NorthCentral Region Southern Region A Western Region A

Reduced Risk

PCR Use Pattern:

0.2-0.3 LB AI/A; WEEKLY APPLIC

HQ Comments:

MFG WILL NOT SUPPORT FIELD USE (PR# 06408); PERF DATA NEEDED ON PEST:09/02; TOLERANCE ESTABLISHED:05/04; CROP IS LABELED:05/12; EPA CAUTION:08/15

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

NEED DATA TO ADD PEPPER WEEVIL TO LABEL; MFG NEEDS TO SEE MORE EFFICACY DATA:05/16

Nomination Justification:

(2013 NY) H for efficacy. weevils a real problem in NJ peppers, but no researcher to do the work.;(2015 FL) H (High priority for efficacy);(2018 FL) PEPPER WEEVIL ;(2019 FL) Pepper weevil is a major pest in field and GH Peppers; PREVIOUS EFFICACY WORK By D. SEAL (FL) HAD SIGNIFICANTLY REDUCED NUMBER OF AND DAMAGE FROM PEPPER WEEVIL ADULTS IN A FIELD TRIAL;(2019 NC) International interests;(2020 FL) Pepper weevil is a devastating pest for field and GH pepper; few effective products available for control.;(2021 MD) H;(2021 CA) See previous;(2021 FL) Effective products are still needed to control pepper weevil in greenhouse and field pepper production.;

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

Seal, Dr. Dac

P05-FL-DMP

RECD

NONE

-

0.3 LB AI/A; SIGNIFICANTLY REDUCED NUMBER OF AND DAMAGE FROM PEPPER WEEVIL ADULTS IN A FIELD TRIAL; EQUAL TO NOVALURON



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13089	BCS-CW64991 (BAYER)	PEPPER (GH) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	UNDER EVALUATION

Reasons for need: MITES: TSSM, CITRUS AND EUROPEAN RED MITE, BROAD MITE; THIS MATERIAL COULD PERMIT BOTH DRIP AND FOLIAR APPLICATIONS FOR CONTROL OF A WIDE RANGE OF MITES

REQ STATES FL NH

NorthEast Region	A	NorthCentral Region	Southern Region	Western Region
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Reduced Risk

HQ Comments:

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

Nomination Justification:

(2021 MD) strong interest in NE for this product to control mites;

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 requestor's comment: Marylee Ross



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12802 *	ISM-555 (TBD)	* CANTALOUPE (09A=MELON SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: SEED CORN MAGGOT; REPLACEMENT FOR CHLORPYRIPHOS; SEED TREATMENT WITH NEONICOTINOIDS IS ANOTHER OPTION BUT NOT ALWAYS AVAILABLE FOR ALL CULTIVARS AND PLANTING DATES, AND RESIDUES POSE RISK TO BEES; FEW EFFECTIVE OPTIONS EXIST; EFFECTIVE ORGANIC OPTIONS LACKING:08/19

REQ STATES PA NY

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

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 CANTELOUPE AND CUCUMBER (PR# 12803):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;

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



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12803 *	ISM-555 (TBD)	* CUCUMBER (09B=SQUASH/CUCUMBER SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: SEED CORN MAGGOT; REPLACEMENT FOR CHLORPYRIPHOS; SEED TREATMENT WITH NEONICOTINOIDS IS ANOTHER OPTION BUT NOT ALWAYS AVAILABLE FOR ALL CULTIVARS AND PLANTING DATES, AND RESIDUES POSE RISK TO BEES; FEW EFFECTIVE OPTIONS EXIST; EFFECTIVE ORGANIC OPTIONS LACKING:08/19

REQ STATES PA NY

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

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;

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:

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13318	SABADILLA (MGK,VALENT)	CUCUMBER (GH) (09B=SQUASH/CUCUMBER SUBGROUP)	UNDER EVALUATION

Reasons for need: THRIPS, APHIDS, PSYLLIDS, AND LEAFHOPPERS, FOR RESISTANCE MANAGEMENT OF PYRETHRIN RESISTANT INSECT PESTS

REQ STATES FL

NorthEast Region	A	NorthCentral Region	Southern Region	A	Western Region	A
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[Reduced Risk](#)

PCR Use Pattern:

VERDIGA, USE PER LABEL INSTRUCTIONS WITH A RETREATMENT INTERVAL OF 7-14 DAYS AND A PHI OF 0-1 DAY.

HQ Comments:

REGISTRATION UNLIKELY BEFORE 2026. NEED RESIDUE STUDIES.

Nomination Justification:

(2021 MD) see requestor's comment;(2021 CA) See previous;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTOR FAIRFIT, SHORT RESIDUAL ALLOWS FOR QUICK REINTRODUCTION OF BENEFICIALS

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross



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Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
10751	TEBUFENOZIDE (GOWAN,NISSO)	CUCUMBER (GH) (09B=SQUASH/CUCUMBER SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: LEAFMINERS, ARMYWORMS, LOOPERS

REQ STATES TX ME AZ CA UT MI

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	A	<u>Southern Region</u>	A	<u>Western Region</u>	A
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Reduced Risk 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;

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 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. 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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 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 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

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: : Marylee Ross; Unknown: 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: Anthony VanWoerkom



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
08582	ACETAMIPRID (NISSO,UPL NA)	CANEBERRY (GH) (13-07A=CANEBERRY SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: APHIDS, WHITEFLIES; FROM PROJECT NOMINATION JUSTIFICATION COMMENTS: NEED A SHORTER PHI; FOR RESISTANCE MANAGEMENT; VERY FEW PRODUCTS ARE ALLOWED FOR USE INSIDE PROTECTED STRUCTURES LIKE GREENHOUSES AND HIGH TUNNELS

REQ STATES NY FL PA NC

NorthEast Region	A	NorthCentral Region	Southern Region	A	Western Region	A
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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;

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 previous comments: Marylee Ross



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
12601	FENAZAQUIN (GOWAN)	CANEBERRY (RASPBERRY) (GH) (13-07A=CANEBERRY SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SPIDER MITES, THRIPS; VERY FEW PRODUCTS LABELED FOR THIS CROP GROWN IN THE GH AND FOR THESE PESTS; IMPORTANT FOR RESISTANCE MANAGEMENT

REQ STATES NC MI CA

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

PCR Use Pattern:

USE THE MAGISTER PRODUCT; MAKE FOLIAR APPLIC (SIMILAR TO GH STRAWBERRY); NO OTHER USE PATTERN DETAILS GIVEN; IR-4 SUGGESTS 1 APPLIC AT 0.45 LB AI/A, 3-DAY PHI

HQ Comments:

NO EXPORT MARKETS NOTED:08/18; AT 2018 FUW, MFG CHANGED FROM UNDER EVAL TO RESEARCHABLE, RESIDUE AND E/CS:09/18; NON GH USE IS REGISTERED:06/19; EPA GREEN:09/19 & 08/20, 08/21

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

PER MFG, EFFICACY RESEARCH NEEDS TO FOCUS ON THRIPS CONTROL:09/18

Nomination Justification:

(2018 MI) SPIDER MITES, THRIPS; VERY FEW PRODUCTS LABELED FOR GREENHOUSE CROP AND PEST, IMPORTANT FOR RESISTANCE MANAGEMENT;;(2019 MI) (2018 MI) SPIDER MITES, THRIPS; VERY FEW PRODUCTS LABELED FOR GREENHOUSE CROP AND PEST, IMPORTANT FOR RESISTANCE MANAGEMENT;;(2019 MD) need tools to control mites and thrips in GH.:(2020 CA) See previous;(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; BENEFICIALS SUPPLIERS INDICATE THIS PRODUCT HAS AN EFFECT ON PREDATORY MITES, BUT NOT A SEVERE EFFECT; WOULD BE USED IN A ROTATION PROGRAM FOR RESISTANCE MANAGEMENT, WHERE MITES ARE A PROBLEM:08/18; PER 2019 NER NOMINATION COMMENT: GOOD FIT; NEEDED FOR RESISTANCE MANAGEMENT

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13320	BCS-CW64991 (BAYER)	* STRAWBERRY (13-07G=LOW GROWING BERRY SUBGROUP)	UNDER EVALUATION

Reasons for need: SPIDER MITES, SYSTEMIC APPLICATION WOULD REDUCE NON TARGET EXPOSURE DUE TO FOLIAR APPLICATIONS

REQ STATES NC

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

PCR Use Pattern:

TBD; SYSTEMIC VIA CHEMIGATION

Nomination Justification:

(2021 FL) Needed to control for constant spider mite pressure throughout the season; systemic application would reduce non target exposure due to foliar application;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; NEW MODE OF ACTION, NOVEL APPLICATION METHOD, REDUCED NON TARGET IMPACTS

IPM Comments from Nomination Process:

; Good Fit: Reduced impact on non targets: Janine Spies



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
11679 *	CYANTRANILIPROLE (HGW86) (FMC)	STRAWBERRY (GH) (13-07G=LOW GROWING BERRY SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY

REQ STATES TX UT AZ CA TN NC
ME MI NH PA

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	A	<u>Southern Region</u>	A	<u>Western Region</u>	A
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Reduced Risk

PCR Use Pattern:

APPLY FOLIARLY 20.6 FL OZ/A OF EXIREL PER APPLIC; 4 APPLIC, 7-DAY INTERVAL, PHI AS SHORT AS POSSIBLE; APPLY NO MORE THAN 0.4 LB AI/A/CROP CYCLE; MFG PREFERS 3 APPLIC, 20.5 FL OZ/A, 7-DAY PHI (NOT 1 DAY):05/17

HQ Comments:

SEE PR# 10328 FOR FIELD USE; FIELD USE IS REGISTERED (1-DAY PHI); THRIPS, APHIDS AND SWD ARE CONTROLLED; LABEL RESTRICTS USE IN GH; IN EU THERE IS 1-DAY PHI RESIDUE DATA; MFG WILL CONFIRM STATUS:06/15; EPA CAUTION:08/15; AT 2015 FUW, MFG CONFIRMED NEED E/CS DATA ONLY:09/15

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

EFFICACY AND CROP SAFETY DATA ARE NEEDED BEFORE LABELING:09/16; ESPECIALLY NEED DATA ON APHID CONTROL, AND ON THRIPS IF POSSIBLE:05/20

Nomination Justification:

(2015 CA) Support from U of AZ greenhouse strawberry production unit.;(2015 ME) Excellent fit with pest spectrum, nothing labeled for GH.;(2016 CA) New GH crop in west; multiple state need.;(2016 FL) Request from GH industry. Important tool to control Leps, aphids, leafminer, Pepper weevil, Thrips,Psyllids. M. Bledsoe, Village farms;(2016 MD) see previous comments;(2018 FL) APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY ;(2018 MD) (2015 CA) Support from U of AZ greenhouse strawberry production unit.;(2015 ME) Excellent fit with pest spectrum, nothing labeled for GH.;(2016 CA) New GH crop in west; multiple state need.;(2016 FL) Request from GH industry. Important tool to control Leps, aphids, leafminer, Pepper weevil, Thrips,Psyllids. M. Bledsoe, Village farms;(2016 MD) see previous comments;(2018 FL) APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY ;;(2018 MI) SEE PR# 10328 FOR FIELD USE; FIELD USE IS REGISTERED (1-DAY PHI); THRIPS, APHIDS AND SWD ARE CONTROLLED; LABEL RESTRICTS USE IN GH; IN EU THERE IS 1-DAY PHI RESIDUE DATA; MFG WILL CONFIRM STATUS:06/15; EPA CAUTION:08/15; AT 2015 FUW, MFG CONFIRMED NEED E/CS DATA ONLY:09/15, APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2018 MI) SEE PR# 10328 FOR FIELD USE; FIELD USE IS REGISTERED (1-DAY PHI); THRIPS, APHIDS AND SWD ARE CONTROLLED; LABEL RESTRICTS USE IN GH; IN EU THERE IS 1-DAY PHI RESIDUE DATA; MFG WILL CONFIRM STATUS:06/15; EPA CAUTION:08/15; AT 2015 FUW, MFG CONFIRMED NEED E/CS DATA ONLY:09/15, APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2019 MI) SEE PR# 10328 FOR FIELD USE; FIELD USE IS REGISTERED (1-DAY PHI); THRIPS, APHIDS AND SWD ARE CONTROLLED; LABEL RESTRICTS USE IN GH; IN EU THERE IS 1-DAY PHI RESIDUE DATA; MFG WILL CONFIRM STATUS:06/15; EPA CAUTION:08/15; AT 2015 FUW, MFG CONFIRMED NEED E/CS DATA ONLY:09/15;(2020 FL) Increasing acreage of GH strawberries in Southeast and a need for new products; great product for thrips/aphid control.;(2021 MD) NE interest is for thrips. H priority;(2021 CA) See previous;(2021 FL) See previous.;(2021 MI) (2015 CA) Support from U of AZ greenhouse strawberry production unit.;(2015 ME) Excellent fit with pest spectrum, nothing labeled for GH.;(2016 CA) New GH crop in west; multiple state need.;(2016 FL) Request from GH industry. Important tool to control Leps, aphids, leafminer, Pepper weevil, Thrips,Psyllids. M. Bledsoe, Village farms;(2016 MD) see previous comments;(2018 FL) APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY ;;(2018 MD) (2015 CA) Support from U of AZ greenhouse strawberry production unit.;(2015 ME) Excellent fit with pest spectrum, nothing labeled for GH.;(2016 CA) New GH crop in west; multiple state need.;(2016 FL) Request from GH industry. Important tool to control Leps, aphids, leafminer, Pepper weevil, Thrips,Psyllids. M. Bledsoe, Village farms;(2016 MD) see previous comments;(2018 FL) APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY ;;(2018 MI) SEE PR# 10328 FOR FIELD USE; FIELD USE IS REGISTERED (1-DAY PHI); THRIPS, APHIDS AND SWD ARE CONTROLLED; LABEL RESTRICTS USE IN GH; IN EU THERE IS 1-DAY PHI RESIDUE DATA; MFG WILL CONFIRM STATUS:06/15; EPA CAUTION:08/15; AT 2015 FUW, MFG CONFIRMED NEED E/CS DATA ONLY:09/15, APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2018 MI) SEE PR# 10328 FOR FIELD USE; FIELD USE IS REGISTERED (1-DAY PHI); THRIPS, APHIDS AND SWD ARE CONTROLLED; LABEL RESTRICTS USE IN GH; IN EU THERE IS 1-DAY PHI RESIDUE DATA; MFG WILL CONFIRM STATUS:06/15; EPA CAUTION:08/15; AT 2015 FUW, MFG CONFIRMED NEED E/CS DATA ONLY:09/15, APHIDS, THRIPS; RESISTANCE MANAGEMENT; FOR GH FRUIT PRODUCTION; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY;(2019 MI) SEE PR# 10328 FOR FIELD USE; FIELD USE IS REGISTERED (1-DAY PHI); THRIPS, APHIDS AND SWD ARE CONTROLLED; LABEL RESTRICTS USE IN GH; IN EU THERE IS 1-DAY PHI RESIDUE DATA; MFG WILL CONFIRM STATUS:06/15; EPA CAUTION:08/15; AT 2015 FUW, MFG CONFIRMED NEED E/CS DATA ONLY:09/15;(2020 FL) Increasing acreage of GH strawberries in Southeast and a need for new products; great product for thrips/aphid control.;(2021 MD) NE interest is for thrips. H priority;(2021 CA) See previous;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; IS RELATIVELY NON-TOXIC TO BENEFICIALS AND EXCELLENT ALTERNATIVE FOR RESISTANCE MANAGEMENT

IPM Comments from Nomination Process:

; Very Good Fit: see requestor's comment: Marylee Ross; Very Good Fit: PER REQUESTOR: VERY GOOD IPM FIT; IS RELATIVELY NON-TOXIC TO BENEFICIALS AND EXCELLENT ALTERNATIVE FOR RESISTANCE MANAGEMENT: Anthony VanWoerkom



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13346	FLONICAMID (FMC,ISK)	STRAWBERRY (GH) (13-07G=LOW GROWING BERRY SUBGROUP)	UNDER EVALUATION

Reasons for need: APHIDS (AND LYGUS), IT TAKES SEVERAL DAYS TO APPLY THIS PRODUCT AFTER HOURS, AFTER CROP WORK AND THE LOGISTICS OF GETTING PEOPLE TO WORK THROUGH THE NIGHT IS DIFFICULT. IT IS EFFECTIVE VIA DRIP IRRIGATION. IT IS BETTER VIA DRIP IRRIGATION BECAUSE THE PREDATORY MITES WE USE ARE PHYSICALLY KNOCKED DOWN WITH EACH SPRAY TREATMENT AND THEY LOOSE EFFICACY DUE TO STRESS AND THEN ARE PHYSICALLY REMOVED FROM THE PLANT. DRIP IRRIGATION IS BETTER FOR OUR BENEFICIALS AS WELL AS FOR LABOR.

REQ STATES AZ

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

PCR Use Pattern:

BELEAF, 2.8-4.2 OZ/A; VIA DRIP (TRICKLE) APPLICATION WITH UP TO 8.4 OZ/A/SEASON; RETREATMENT INTERVAL OF 7 DAYS AND A 0-1 DAY PHI; USE PER THE OTHER GREENHOUSE CROPS (PEPPER, TOMATO, CUCUMBER).

Nomination Justification:

(2021 MD) see previous comments;(2021 CA) See previous;(2021 FL) See previous comments.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; IT IS VERY SOFT ON BEES AND BIOS, AND WOULD IMPACT THE BENEFICIALS EVEN LESS IF IT WAS APPLIED VIA DRIP IRRIGATION.

IPM Comments from Nomination Process:

; Very Good Fit: per requestor: Marylee Ross



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Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
12248	INDOXACARB (FMC)	GRASSES (17=GRASS FORAGE, FODDER AND HAY GROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: ALFALFA WEEVIL; IT IS NOT A PEST OF THE PERENNIAL GRASSES BUT IS A SERIOUS PEST OF THE ALFALFA THAT IS GROWN TOGETHER WITH THE PERENNIAL GRASSES; FEW PRODUCTS ARE REGISTERED ON GRASSES, AND FOR USE ON A GRASS/ALFALFA MIXTURE REGISTRATION IS NEEDED ON BOTH CROPS; EFFECTIVE OPTIONS FOR ALFALFA WEEVIL CONTROL IN MIXED STANDS ARE LIMITED

REQ STATES CA

[NorthEast Region](#) [NorthCentral Region](#) [Southern Region](#) [Western Region](#) A

Reduced Risk Yes

PCR Use Pattern:
USE THE STEWARD PRODUCT; MAKE 1-2 FOLIAR APPLIC OF 0.11 LB AI/A, 10-DAY INTERVAL, 7-DAY PHI

HQ Comments:
THE NEED IN CA MAY BE ADDRESSED WITH RESIDUE DATA FROM AN ONGOING GRASSES FOR SEED STUDY, PR# 09521:06/17; EPA CAUTION:08/17; MFG MADE RESEARCHABLE AT FUW:09/17; EPA GREEN:09/18: TIME LIMITED TOLERANCE ESTABLISHED THRU 12/31/22:07/19; EPA GREEN:09/19 & 08/20, 08/21

Efficacy/Crop Safety (E/CS) Data Required:
NEED ONLY CROP SAFETY DATA DURING CONDUCT OF RESIDUE STUDY:09/17

Nomination Justification:
(2017 CA) Need is for mixed grass and alfalfa stands, registered in alfalfa. Data from PR 9521 grasses (seed crop) PNW, the hope is that these data can be used for a Section 24c in Northern CA.:(2021 CA) See previous;

IPM Comments from PCR:
PER REQUESTOR: VERY GOOD IPM FIT; IS A VALUABLE TOOL FOR USE WHERE WEEVIL POPULATIONS HAVE DEVELOPED RESISTANCE TO PYRETHROIDS; HAS LOW TOXICITY TO APPLICATORS, ESPECIALLY COMPARED WITH OP'S; IS SAFER TO BENEFICIALS THAN MOST ALTERNATIVES:05/17; FROM WSR 2017 NOMINATION: VERY GOOD IPM FIT; IS ALREADY REGISTERED ON ALFALFA AND HAS PROVEN EFFICACY IN RESEARCH TRIALS CONDUCTED IN THIS GEOGRAPHIC AREA AND ELSEWHERE; SINCE THE DEVELOPMENT OF ALFALFA WEEVIL RESISTANCE TO PYRETHROID INSECTICIDES, IT HAS BEEN THE MOST EFFICACIOUS TREATMENT; IT IS A LOW-RISK PESTICIDE



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13354	LAMBDA-CYHALOTHRIN + THIAMETHOXAM (SYNGEN)	GRASSES (SEED CROP) (17=GRASS FORAGE, FODDER AND HAY GROUP)	MFG OBJECTIVE

Reasons for need: SODWEBWORM, CUTWORM, ARMYWORM, BEETLES, BILLBUGS, APHIDS; GRASS SEED CROPS HAVE A LIMITED NUMBER OF INSECTICIDE OPTIONS. GRASS SEED IS LOSING THE USE OF CHLORPYRIFOS IN THE NEAR FUTURE. HEAVY RELIANCE ON THE FEW ACTIVES REMAINING WARRANTS NEED FOR NEW ACTIVE INGREDIENT AND MOA.

REQ STATES OR

NorthEast Region

NorthCentral Region

Southern Region

Western Region

A

Reduced Risk

PCR Use Pattern:

ENDIGO ZCX, 0.063 LB THIOMETHOXAM AND 0.03 LB LAMBDA-CYHALOTHRIN; APPLIED FOLIARLY WITH 2 APPLICATIONS, AND MINIMUM OF 5 DAY RETREATMENT INTERVAL; PHI OF 7 DAYS; APPLY 3.5-4.5 FLOZ PER ACRE PER APPLICATION. DO NOT EXCEED 4.5 FLOZ PER APPLICATION. USE SUFFICIENT WATER VOLUME NOT LESS THAN 10 GPA FOR GROUND AND 2 GPA FOR AERIAL APPLICATIONS. DO NOT EXCEED TOTAL OF 8.5 FLOZ PER ACRE PER YEAR.

HQ Comments:

SYNGENTA DEVELOPED RESIDUE DATA FOR BOTH AI'S

Nomination Justification:

(2021 CA) See previous.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; WITH THE LOSS OF CHLORPYRIFOS USE ON GRASSES GROWN FOR SEED GROWERS ARE LEFT WITH FEW OPTIONS FOR INSECT PEST MANAGEMENT. THE PYRETHROIDS ARE HEAVILY USED AND THERE IS GROWING PRESSURE TO DEVELOP RESISTANCE TO THE LIMITED MOAS BEING APPLIED. THIOMETHOXAM WOULD PROVIDE A NEW CLASS/MOA OF A.I. TO THE GRASS SEED PORTFOLIO. ADDITIONALLY, THIS ACTIVE WOULD PROVIDE SYSTEMIC CONTROL (UPWARD MOVEMENT) WITHIN THE GRASS PLANT, WHICH WOULD HAVE SIGNIFICANT BENEFIT FOR BOTH SEEDLING AND ESTABLISHED GRASS CROPS. THIS SYSTEMIC NATURE AND POTENTIALLY LONGER TERM PROTECTION SHOULD REDUCE THE NUMBER OF INSECTICIDE APPLICATIONS THAT ARE NEEDED TO ENSURE NEW CROP ESTABLISHMENT AND ESTABLISHED CROP LONGEVITY AND PRODUCTIVITY.



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13202	METHOXYFENOZIDE + SPINETORAM (CORTEVA)	SESAME (20A=RAPESEED SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: SESAME LEAFROLLER, ANTIGASTRA CATALAUNALIS; THERE ARE FEW INSECTICIDES LABELLED FOR USE IN SESAME. DURING THE 2020 GROWING SEASON, THE SESAME LEAFROLLER CAUSED SIGNIFICANT ECONOMIC LOSSES IN SESAME GROWN IN TEXAS AND OKLAHOMA (AND POSSIBLY OTHER REGIONS). THIS PEST IS KNOWN TO HAVE UP TO 14 GENERATIONS PER YEAR AND THUS IT IS AN ONGOING, SEASON-LONG PROBLEM FROM PLANT EMERGENCE THROUGH BLOOM THAT REQUIRES MULTIPLE INSECTICIDE APPLICATIONS. INTREPID EDGE OFFERS A QUICK KNOCKDOWN (SPINETORAM) OF THESE VORACIOUSLY FEEDING PESTS, ALONG WITH THE INSECT GROWTH REGULATOR METHOXYFENOZIDE FOR LONGER CONTROL. THE USE OF A DUAL ACTIVE INGREDIENTS HAS THE POTENTIAL TO REDUCE THE NUMBER OF INSECTICIDE APPLICATIONS THAT MUST BE MADE TO MANAGE THIS PEST.

REQ STATES TX

NorthEast Region NorthCentral Region Southern Region A Western Region Reduced Risk

PCR Use Pattern:

TRADE NAME- INTREPID EDGE; 4 - 6.4 FL OZ/ACRE; NO MORE THAN 4 APPLIC. PER YEAR; 28 DAYS FOR SEED HARVEST: 2/21

HQ Comments:

NO EXPORT MARKET IDENTIFIED; IT WAS DECIDED TO REPLACE PR# 13132 ('A' PRIORITY FROM THE 2020 WORKSHOP), FOR SPINETORAM ONLY, WITH THIS PR USING THE DUAL AI PRODUCT:02/21; METHOXYFENOZIDE WILL BE ANALYZED BY CAR AND SPINETORAM BY FLR:02/21; "A" STUDY REMOVED AS THIS STUDY WAS REPLACED BY PR# 13132 FOR 2021:05/21; EPA GREEN(BOTH):08/21

Nomination Justification:

(2021 FL) Sesame leafroller has become a significant pest in sesame with little control options available. The dual a.i. request has the benefit of providing the quick knock-down of spinetoram and the longer control of methoxyfenozide.;

IPM Comments from PCR:

PER REQUESTOR VERY GOOD FIT; THE ADDITION OF THESE TWO ACTIVE INGREDIENTS, SPINETORAM AND METHOXYFENOZIDE WILL CONTRIBUTE TO THE IPM "TOOLBOX" AVAILABLE FOR GROWERS TO ROTATE, THUS REDUCING THE POTENTIAL FOR RESISTANCE DEVELOPMENT. THE ADDITIONAL INGREDIENT, METHOXYFENOZIDE WILL PROVIDE LONGER CONTROL THAN THE SPINETORAM ALONE AND THUS MAY REDUCE THE NUMBER OF APPLICATIONS THAT MUST BE MADE TO CONTROL THE SESAME LEAFROLLER. THESE ACTIVE INGREDIENTS ARE BOTH SELECTIVE TO LEPIDOPTERANS AND THUS WILL PRESERVE BENEFICIAL ARTHROPODS.:01/21

IPM Comments from Nomination Process:

; Very Good Fit: Offers multiple active ingredients to rotate, useful for resistance management. Longer residual control could reduce the number of applications needed.: Janine Spies

Davis, Holly

P20-TX-DMP

RECD

INTREPID EDGE AT 8 FL OZ/A; EFFECTIVE CONTROL OF A HIGH SESAME LEAFROLLER INFESTATION.



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13128 *	BROFLANILIDE (BASF)	* SUNFLOWER (SEED TRT) (20B=SUNFLOWER SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: CONTROL OF WIREWORMS; WIREWORMS ARE SIGNIFICANT PEST FOR SUNFLOWER GROWERS; THERE ARE NO PRODUCTS CURRENTLY AVAILABLE THAT KILL WIREWORM SINCE LINDANE WAS TAKEN OFF THE MARKET; BROFLANILIDE AS A SEED TRT WOULD GIVE GROWERS A MEANS TO REDUCE ROOT INJURY, INCREASE PLANT STAND COUNTS AND REDUCE WIREWORMS IN THEIR FIELDS

REQ STATES ND

[NorthEast Region](#)

[NorthCentral Region](#)

A

[Southern Region](#)

[Western Region](#)

[Reduced Risk](#)

PCR Use Pattern:

MAKE 1 SEED TRT APPLIC (APPLIED ONLY BY COMMERCIAL SEED COMPANIES); NO OTHER USE PATTERN DETAILS PROVIDED BY REQUESTOR

HQ Comments:

KEY EXPORT MARKETS NOTED AS SPAIN, MEXICO, CANADA; BASF SUPPORTS THIS REQUEST, WITH E/CS DATA NEEDED BEFORE APPROVAL FOR RESIDUE WORK:08/20; EPA CAUTION:09/20

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

BASF REQUIRES 4-6 TRIALS TO GENERATE WIREWORM EFFICACY AND CROP SAFETY DATA AS PROOF OF CONCEPT WORK IN SUNFLOWER, WITH AT-PLANTING APPLIC AS A SEED TRT UNDER POTENTIAL STATUS; BASF WILL WANT TO PLAY AN ACTIVE ROLE IN PROTOCOL DEVELOPMENT FOR THE PRODUCT PERFORMANCE PROGRAM:08/20

Nomination Justification:

(2020 MI) CONTROL OF WIREWORMS; WIREWORMS ARE SIGNIFICANT PEST FOR SUNFLOWER GROWERS; THERE ARE NO PRODUCTS CURRENTLY AVAILABLE THAT KILL WIREWORM SINCE LINDANE WAS TAKEN OFF THE MARKET; BROFLANILIDE AS A SEED TRT WOULD GIVE GROWERS A MEANS TO REDUCE ROOT INJURY, INCREASE PLANT STAND COUNTS AND REDUCE WIREWORMS IN THEIR FIELDS;(2021 MI) CONTROL OF WIREWORMS; WIREWORMS ARE SIGNIFICANT PEST FOR SUNFLOWER GROWERS; THERE ARE NO PRODUCTS CURRENTLY AVAILABLE THAT KILL WIREWORM SINCE LINDANE WAS TAKEN OFF THE MARKET; BROFLANILIDE AS A SEED TRT WOULD GIVE GROWERS A MEANS TO REDUCE ROOT INJURY, INCREASE PLANT STAND COUNTS AND REDUCE WIREWORMS IN THEIR FIELDS;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; BROFLANILIDE HAS A NOVEL MODE OF ACTION (IRAC GROUP 30) WITHOUT KNOWN CROSS-RESISTANCE THAT DELIVERS EXCELLENT EFFICACY IN CONTROLLING PROBLEMATIC CHEWING INSECT PESTS AND HAS EXCEPTIONAL PERFORMANCE IN CEREAL SEED TRT FOR WIREWORM CONTROL; BROFLANILIDE WITH ITS NOVEL MODE OF ACTION WOULD PROVIDE PEST MANAGEMENT PROFESSIONALS AND FARMERS WITH A NEW AND EFFECTIVE TOOL FOR WIREWORM CONTROL IN SUNFLOWER:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; BROFLANILIDE HAS A NOVEL MODE OF ACTION (IRAC GROUP 30) WITHOUT KNOWN CROSS-RESISTANCE THAT DELIVERS EXCELLENT EFFICACY IN CONTROLLING PROBLEMATIC CHEWING INSECT PESTS AND HAS EXCEPTIONAL PERFORMANCE IN CEREAL SEED TRT FOR WIREWORM CONTROL; BROFLANILIDE WITH ITS NOVEL MODE OF ACTION WOULD PROVIDE PEST MANAGEMENT PROFESSIONALS AND FARMERS WITH A NEW AND EFFECTIVE TOOL FOR WIREWORM CONTROL IN SUNFLOWER:08/20: Anthony VanWoerkom



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13316 *	TOLFENPYRAD (NAI)	* GUAVA (23B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: THRIPS, MITES, NEEDED FOR IPM RESISTANCE MANAGEMENT

REQ STATES FL

NorthEast Region

NorthCentral Region

Southern Region

A

Western 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.;

IPM Comments from PCR:

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



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13319	BCS-CW64991 (BAYER)	* LYCHEE (24A=TROPICAL AND SUBTROPICAL, SMALL FRUIT, INEDIBLE PEEL SUBGROUP)	UNDER EVALUATION

Reasons for need: ACERIA LITCHII, LYCHEE ERINOSE MITE, INVASIVE PEST, CONTROL NEEDED

REQ STATES FL

NorthEast Region

NorthCentral Region

Southern Region

A

Western Region

Reduced Risk

PCR Use Pattern:

FOLIAR

Nomination Justification:

(2021 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.;

IPM Comments from PCR:

PER REQUESTOR, UNKNOWN



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
08560	ZETA-CYPERMETHRIN (FMC)	* LYCHEE (24A=TROPICAL AND SUBTROPICAL, SMALL FRUIT, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: MYLLOCERUS WEEVIL, THRIPS; FROM PROJECT NOMINATION JUSTIFICATION COMMENTS: THERE IS A DESPERATE NEED TO CONTROL THIS WEEVIL, WHICH WEAKENS LYCHEE AND LONGAN TREES TO THE POINT OF NO PRODUCTION

REQ STATES FL

[NorthEast Region](#)

[NorthCentral Region](#)

[Southern Region](#)

A

[Western Region](#)

[Reduced Risk](#)

PCR Use Pattern:

0.025 LB AI/A; AIRBLAST (POSSIBLE AERIAL); MAX 6 APPLIC; 10-14 DAY INTERVAL

HQ Comments:

MFG REQUIRES EFFICACY DATA FOR THRIPS AND WEEVILS PRIOR TO RESIDUE TRIALS:08/03; MFG AGREES THAT GOOD WEEVIL EFFICACY TRIAL RESULTS MAKE THIS REQUESTED USE RESIDUE RESEARCHABLE (CHANGED STATUS FROM "POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE"); CONSIDER COMBINING WITH BIFENTHRIN REQUEST PR# 08540 AND CONDUCT RESIDUE WORK ON THE DUAL AI PRODUCT "HERO":01/19; EPA CAUTION:09/19; MFG NO LONGER KEEN ON SUPPORTING THE DUAL AI PRODUCT "HERO":05/20; EPA CAUTION:08/20, 08/21

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

3-5 GOOD TRIALS OVER 2 YEARS

Nomination Justification:

(2012 FL) A here indicates H (high priority) for efficacy trial (Michelle Foo);(2013 FL) A here indicates H (high priority) for efficacy trial;(2016 FL) B equals med priority for efficacy/crop safety.:(2018 FL) MYLLOCERUS WEEVIL, THRIPS; AT PRESENT THERE IS NO CONTROL FOR THE SIR LANKAN WEEVIL ON LYCHEE; Desperate need to control the Sri Lankan weevil which weakens lychee and longan trees to the point of no production. ;(2020 FL) Still no effective products registered to manage devastating Sri Lankan Weevil pest on lychee.:(2021 FL) Still no effective products registered to manage Sri Lankan weevil on lychee. Sri Lankan weevil can defoliate trees to the point of tree decline. Especially devastating to young lychee trees and longan trees.;

IPM Comments from PCR:

PER SOR 2016 NOMINATION COMMENT: GOOD IPM FIT; AT PRESENT THERE IS NO CONTROL FOR THE SIR LANKAN WEEVIL ON LYCHEE; THE ADULT CAN DEFOLIATE AND WEAKEN TREES WITH ITS SEVERE FEEDING ON LEAF TISSUE; YOUNG TO MID-SIZED TREES ARE ESPECIALLY VULNERABLE; POTENTIAL IMPACT: CONTROL OF THIS PEST WOULD ALLOW FOR FASTER PLANT ESTABLISHMENT AND REDUCED TIME TO FLOWERING AND FRUIT PRODUCTION FOR LYCHEE TREES IN AFFECTED GROVES; THIS WOULD REDUCE THE TIME TO SELLING FRUIT; ALTERNATIVES: NONE AT PRESENT; IF SCOUTING FOR PRESENCE OF THE WEEVIL IS EMPLOYED THEN SEVERAL TIMED APPLIC SHOULD GET THE POPULATION UNDER CONTROL; SPRAYS SHOULD BE MADE DURING NON-FLOWERING PERIOD TO PROTECT POLLINATORS:09/16



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13312 *	ISM-555 (TBD)	* 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: VARIOUS AMBROSIA BEETLE (AB) SPECIES THAT TRANSMIT THE LETHAL FUNGAL PATHOGEN RAFFAELEA LAURICOLA TO AVOCADO TREES. CURRENT BIO-PESTICIDE TAKES 4 DAYS TO KILL AB - NOR STOP AB FROM BORING INTO TREES DURING THAT TIME. THIS BEETLE-PATHOGEN COMPLEX IS RESPONSIBLE FOR THE DEATH OF OVER 140,000 AVOCADO TREES IN FLORIDA.

REQ STATES FL

[NorthEast Region](#) [NorthCentral Region](#) [Southern Region](#) A [Western Region](#)

[Reduced Risk](#)

PCR Use Pattern:
PLEASE SEE PREVIOUS STUDY DIRECTORS WITH THIS AI FOR ACCESS TO PREVIOUS STUDY PROTOCOLS

HQ Comments:
NEED TO DEFINE USE PATTERN BEFORE THE INITIATION OF RESIDUE STUDIES

Nomination Justification:
(2021 FL) Laurel wilt is devastating the FL avocado industry. Growers are desperate for registered products to manage ambrosia beetle that vectors the fungal pathogen responsible for laurel wilt.;

IPM Comments from PCR:
PER REQUESTOR UNKNOWN



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13310	SULFOXAFLOR (CORTEVA)	* POMEGRANATE (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: GILLS AND GRAPE MEALYBUG, NOT ENOUGH REGISTERED PRODUCT TO CONTROL PEIRCING SUCKING INSECTS IN POMEGRANATE, IMIDICLOPRID EXPORT RESTRICTION BUPROFEZIN IS GOING TO CONSIDER NO USE

REQ STATES CA

[NorthEast Region](#) [NorthCentral Region](#) [Southern Region](#) [Western Region](#) A

[Reduced Risk](#)

PCR Use Pattern:

SEQUOIA CA, 1.5 TO 5.75 FL OZ/A; FOLIAR APPLICATION, WITH 4 APPLICATIONS AND A RETREATMENT INTERVAL OF 10 DAYS WITH A PHI OF 7 DAYS; SEE LABEL.

HQ Comments:

CORTEVA RECOMMENDS HIGHER RATE OF 5.75 FL OZ/A (0.09 LB AI/A)

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT, LOWER TOXICITY TO BENEFICIALS AND A GOOD FIT AS A ROTATIONAL PARTNER WITH OTHER PRODUCTS



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13306	CYANTRANILIPROLE (HGW86) (FMC)	* DRAGON FRUIT (PITAYA) (24D=TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: THRIPS, MITES, STINK BUGS; THERE IS NOTHING REGISTERED TO CONTROL THESE PESTS ON DRAGONFRUIT.

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region
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[Reduced Risk](#)

PCR Use Pattern:

EXREL, CYANTRANILIPROLE; APPLIED FOLIARLY, WITH 3 APPLICATIONS AND A RETREATMENT INTERVAL OF 7 TO 10 DAYS; PHI OF 1 DAY. SCOUT FOR KNOWN INSECT PESTS AND APPLY FOLIARLY AT A 7-10 DAY INTERVAL. MAXIMUM RATE PER APPLICATION IS 13.5 OZ TO 20.5 OZ PER ACRE AND 3 APPLICATIONS MAX PER YEAR. DO NOT APPLY DURING BLOOM UNLESS AFTER SUNSET. DO NOT APPLY TO WATER BODIES (STREAMS, RIVERS, LAKES, CANALS, ETC.)

HQ Comments:

MFG INDICATES THAT INTERNATIONAL MRL'S NEED TO BE ESTABLISHED IF PRODUCTION IS ALSO FOR EXPORT; CONTROL OF MITES IS UNLIKELY

Nomination Justification:

(2021 FL) There is nothing registered to control major insect pests on dragon fruit: thrips, stink bugs.;

IPM Comments from PCR:

PER REQUESTOR GOODFIT, APPLICATIONS WOULD AVOID POLLINATORS AS LISTED ON THE LABEL (E.G., NOT DURING BLOOM, MADE AFTER SUNSET, ETC.)



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13313 *	ISM-555 (TBD)	* DRAGON FRUIT (PITAYA) (24D=TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: THRIPS, NOTHING REGISTERED

REQ STATES FL

NorthEast Region

NorthCentral Region

Southern Region

A

Western Region

Reduced Risk

PCR Use Pattern:

SEE PREVIOUS STUDY DIRECTORS FOR PREVIOUS PROTOCOLS FOR USE RATES.

HQ Comments:

NEED TO DEFINE USE PATTERN BEFORE INITIATING RESIDUE STUDIES

Nomination Justification:

(2021 FL) There is nothing registered to control major insect pests on dragon fruit including thrips.;

IPM Comments from PCR:

PER REQUESTOR, UNKNOWN FIT;



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13077	SULFUR (DREXEL,GGSC,UPL NA)	* DRAGON FRUIT (PITAYA) (24D=TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	UNDER EVALUATION

Reasons for need: MITES; MITES FEED ON THE PEEL CAUSING IT TO BROWN, RESULT - FRUIT IS UNSALEABLE

REQ STATES FL

NorthEast Region

NorthCentral Region

Southern Region

A

Western Region

Reduced Risk

PCR Use Pattern:

USE THE MICROTHIOL DISPERS 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

Nomination Justification:

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

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: Relatively non-toxic to beneficials.: Janine Spies



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13317 *	TOLFENPYRAD (NAI)	* DRAGON FRUIT (PITAYA) (24D=TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: THRIPS, MITES, NOTHING REGISTERED TO CONTROL THESE PESTS ON DRAGONFRUIT. CHILI THRIPS CAN REDUCE YIELDS 80%.

REQ STATES FL

[NorthEast Region](#)

[NorthCentral Region](#)

[Southern Region](#)

A

[Western Region](#)

[Reduced Risk](#)

PCR Use Pattern:

BEXAR, TOLFENPYRAD, APPLIED FOLIARLY WITH 3 APPLICATIONS AND 7-10 DAY RETREATMENT INTERVAL, 1 DAY PHI; 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.). SHOULD BE USED IN AN IPM PROGRAM TO AVOID RESISTANCE.

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 is nothing registered to control major insect pests on dragon fruit including chilli thrips and mites.;

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: Applications can be timed to have minimal impact on pollinators.: Janine Spies



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13305	ZETA-CYPERMETHRIN (FMC)	* DRAGON FRUIT (PITAYA) (24D=TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: VARIOUS MITES, CHILI THRIPS, STINKBUGS; THERE IS NOTHING REGISTERED ON SET FRUIT TO CONTROL THESE PESTS ON DRAGONFRUIT. CHILI THRIPS ALONE CAN REDUCE CROP YIELDS BY APPROXIMATELY 80%.

REQ STATES FL

NorthEast Region

NorthCentral Region

Southern Region

A

Western Region

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.)

HQ Comments:

MFG INDICATES THAT INTERNATIONAL MRL'S NEED TO BE ESTABLISHED IF PRODUCTION IS ALSO FOR EXPORT.

Nomination Justification:

(2021 FL) There is nothing registered to control major insect pests on dragon fruit: chilli thrips, mites, stink bugs.;

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: Applications can be timed to have a minimal negative impact on pollinators.: Janine Spies



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13048	ABAMECTIN (AMVAC,SYNGEN)	HEMP (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: TSSM; HEMP CURRENTLY DOES NOT HAVE ANY MITICIDES REGISTERED

REQ STATES FL KY VA AZ CA

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	<u>Southern Region</u>	A	<u>Western Region</u>	A
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Reduced Risk

PCR Use Pattern:

MAKE 3-5 FOLIAR/BOOM/BACKPACK SPRAYER/CHEMIGATION/ULV APPLIC OF 2.5-10 FL OZ PRODUCT/A, 7-14 DAY INTERVAL, 1-7 DAY PHI; OTHER USE DIRECTIONS PER LABEL

HQ Comments:

NO KEY EXPORT MARKETS NOTED:06/20; SYNGENTA DOES NOT SUPPORT USE OF IT'S PRODUCTS ON HEMP AT THIS TIME; AMVAC RESPONDED THAT THEY WILL SUPPORT THIS USE ON HEMP, AND COULD PROVIDE SOME ASSISTANCE:07/20; AMVAC CHANGED THE STATUS TO POTENTIAL:05/21

Nomination Justification:

(2021 CA) See previous;(2021 MD) Have no miticides;(2021 FL) There are currently no registered miticides for hemp.;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; MITES ARE A PROBLEM IN BOTH GH AND FIELD; THERE ARE NO MITICIDES REGISTERED: 06/20

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13009	ACEQUINOCYL (ARYSTA)	HEMP (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: MITES, TSSM; NO CONVENTIONAL MITICIDE AVAILABLE FOR HEMP IN USA

REQ STATES FL KY VA AZ OK DE

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	<u>Southern Region</u>	<u>Western Region</u>
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Reduced Risk Yes

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;

Nomination Justification:

(2020 MD) see previous comments;(2021 MD) need miticides;

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:

; Unknown: : Marylee Ross



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13006	BIFENAZATE (MACDERMID,UPL NA)	HEMP (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: MITES; NO CONVENTIONAL MITICIDES ARE CURRENTLY REGISTERED FOR HEMP IN THE USA

REQ STATES FL KY VA AZ

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	<u>Southern Region</u>	<u>Western Region</u>
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Reduced Risk Yes

PCR Use Pattern:

USE THE ACRAMITE PRODUCT; MAKE 4 FOLIAR APPLIC, 7-14 DAYS APART, 7-DAY PHI; RATE AND OTHER USE PATTERN DETAILS NOT PROVIDED, EXCEPT TO USE PER LABEL DIRECTIONS; HQ SUGGESTS MAX OF 2 APPLIC PER SEASON

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;

Nomination Justification:

(2021 MD) need miticides;

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:

; Unknown: : Marylee Ross



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13010 *	BIFENTHRIN (ADAMA,AMVAC,FMC)	HEMP (99=MISC GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: WEEVILS, LEPS, ROOT APHIDS; THERE ARE NO CONVENTIONAL INSECTICIDES REGISTERED FOR HEMP IN THE USA; PER KY ME-TOO REQUEST, NEED A BROAD SPECTRUM INSECTICIDE

REQ STATES FL KY VA AZ

NorthEast Region	A	NorthCentral Region	Southern Region	Western Region
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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 A/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

Nomination Justification:

(2021 MD) NE interest;

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:

; Good Fit: see requestor's comment: Marylee Ross



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13000 *	CHLORANTRANILIPROLE (FMC)	HEMP (99=MISC GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: LEPIDOPTERA, WHITEFLY; NOTHING REGISTERED

REQ STATES FL KY VA DE

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	<u>Southern Region</u>	A	<u>Western Region</u>
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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

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.;

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:

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



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13307	CYANTRANILIPROLE (HGW86) (FMC)	HEMP (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: LEPS, APHIDS, LEAFMINER, THRIPS, WF, BEETLES, GRASSHOPPER; HEMP IS A NEW CROP WITHOUT ANY CONVENTIONAL PRODUCTS REGISTERED FOR USE. THIS IS BOTH SYSTEMIC AND BROAD SPECTRUM

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region
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Reduced Risk

PCR Use Pattern:

EXIREL, PER LABEL, FOLIAR, SOIL, DRIP, WITH 2-6 APPLICATIONS AND A RETREATMENT INTERVAL OF 7-14 DAYS; PHI OF 0-4 DAYS; USE AS DIRECTED ON LABEL.

Nomination Justification:

(2021 FL) There are no conventional pesticides registered in hemp. Broad spectrum product needed to manage lepidoptera, aphids, whiteflies, thrips, grasshoppers, beetles.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT, BROAD SPECTRUM SYSTEMIC INSECTICIDE.



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13035	CYCLANILIPROLE (ISK)	HEMP (99=MISC GROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: LEPIDOPTERA, WHITEFLIES, THRIPS, APHIDS, STINKBUGS, APHIDS; NO CONVENTIONAL INSECTICIDES ARE REGISTERED FOR THIS NEW CROP; PER KY ME-TOO REQUEST 07/20: AI PROVIDES BROAD SPECTRUM INSECT MANAGEMENT WITH GOOD IPM FIT

REQ STATES FL KY VA AZ OK

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

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;

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.;

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 comments: Marylee Ross



2021 Food Use Workshop Priority 'A' Nominations

Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13036 *	ETOXAZOLE (AMVAC, VALENT)	HEMP (99=MISC GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: MITES; CURRENTLY NO CONVENTIONAL MITICIDES ARE REGISTERED FOR HEMP

REQ STATES

FL VA AZ

NorthEast Region

A

NorthCentral Region

Southern Region

Western Region

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;

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:

; Unknown: : Marylee Ross



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13004	FENAZAQUIN (GOWAN)	HEMP (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: MITES INCLUDING TSSM, ERIOPHYIDAE, PSYLLIDS, WHITEFLY; NO CONVENTIONAL PESTICIDES AVAILABLE FOR THIS NEW CROP

REQ STATES FL KY VA DE

NorthEast Region	A	NorthCentral Region	Southern Region	Western Region
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[Reduced Risk](#)

PCR Use Pattern:

USE THE MAGISTER PRODUCT; MAKE APPLIC TO FOLIAGE USING 0.3-0.48 LB AI/A; NO OTHER USE PATTERN DETAILS PROVIDED, EXCEPT TO USE PER LABEL DIRECTIONS

HQ Comments:

REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED:06/20; EPA GREEN:08/20, 08/21; EXCELLENT ON MITES:05/21

Nomination Justification:

(2021 MD) need mite control products;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; HANDLES MULTIPLE KEY PESTS:06/20

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13033	FENPYROXIMATE (NAI)	HEMP (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SPIDER MITES, BROAD MITE HEMP RUST MITES; NO MITICIDES AVAILABLE

REQ STATES KY FL VA AZ OK DE CA

<u>NorthEast Region</u>	A	<u>NorthCentral Region</u>	<u>Southern Region</u>	A	<u>Western Region</u>	A
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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

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.;

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:

; Good Fit: see previous comments: Marylee Ross



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13005	PYRIDABEN (GOWAN)	HEMP (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: MITES, TSSM, ERIOPHYIDAE, PSYLLIDS, WHITEFLY, APHIDS; NO CONVENTIONAL MITICIDES OR INSECTICIDES ARE LABELED FOR THIS CROP; PER KY ME-TOO REQUEST - NEED PRODUCT FOR RUST MITE CONTROL

REQ STATES FL KY VA

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

Reduced Risk

PCR Use Pattern:

USE THE NEXTER PRODUCT; MAKE 4 FOLIAR APPLIC, 7-DAY PHI; NO OTHER USE PATTERN DETAILS PROVIDED, EXCEPT TO USE PER LABEL DIRECTIONS

HQ Comments:

REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED:06/20; EPA GREEN:08/20, 08/21; EXCELLENT ON APHIDS:05/21;

Nomination Justification:

(2021 MD) need mite control products;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; THIS PRODUCT HANDLES SEVERAL OF THE MITES AND INSECTS FOR THIS CROP:06/20

IPM Comments from Nomination Process:

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



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13056	SP3014 (SEPRO)	HEMP (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: LEPIDOPTERA (ALSO TARGETS MITES, APHIDS, THRIPS, WHITEFLIES, ETC.); THIS IS A NEW MATERIAL THAT CAN BE VERY USEFUL FOR LEP CONTROL (CORN EARWORM, ETC)

REQ STATES FL

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

Reduced Risk

PCR Use Pattern:

MAKE 5-7 FOLIAR APPLIC, 3-10 DAY INTERVAL, 1-7 DAY PHI; ALL OTHER USE PATTERN DIRECTIONS INDICATED AS PER LABEL

HQ Comments:

THIS REQUEST IS FOR FIELD AND GH-GROWN HEMP; NO KEY EXPORT MARKET NOTED:06/20

Nomination Justification:

(2021 MD) need mite control;

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 Comments from Nomination Process:

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



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
13311	SPIDOXAMAT (BAYER)	HOPS (99=MISC GROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: HOP APHIDS, TWO-SPOTTED SPIDER MITE, LEAFHOPPERS; SPIDOXAMINE IS HIGHLY SELECTIVE ON PIERCING SUCKING INSECTS AND SPIDER MITES SPIDOXAMINE IS VERY SOFT ON BENEFICIAL INSECTS AND MITES.

REQ STATES WA MI OR KY

NorthEast Region

NorthCentral Region

Southern Region

Western Region

A

Reduced Risk

PCR Use Pattern:

3.32 OZ/A, FOLIAR APPLICATION, 2 APPLICATIONS WITH A RETREATMENT INTERVAL OF 10 DAYS AND A PHI OF 21 DAYS; MINIMUM OF 80 GALLONS PER ACRE FOR FOLIAR APPLICATIONS

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, SPIDOXAMAT HAS BEEN DEMONSTRATED TO HAVE EXCELLENT EFFICACY ON HOMOPTERAN PIERCING SUCKING PEST INSECTS INCLUDING APHIDS AND LEAFHOPPERS WHILE SIMULTANEOUSLY BEING VERY SAFE FOR PREDATORY AND PARASITIC BENEFICIAL INSECTS AND MITES. THE EUROPEAN UNION IS IN THE PROCESS OF STRICTLY REGULATING NEONICOTINYL INSECTICIDES IN GENERAL AND IS INSTITUTING AN OUTRIGHT BAN ON THE USE OF IMIDACLOPRID AND CANCELLING ALL OF IMIDACLOPRID'S MRL IN EUROPE. HOP GROWERS WILL HAVE DIFFICULTY CONTROLLING HOMOPTERAN INSECT PESTS AND SPIDOXAMAT IS AN EXCELLENT ALTERNATIVE TO NEONICOTINYL INSECTICIDES.



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Entomology

Date: 9/2/2021

<u>PR#</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY (CROP GROUP)</u>	<u>PROJECT STATUS</u>
12643	LAMBDA-CYHALOTHRIN (SYNGEN)	QUINOA (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: LYGUS BUGS, APHIDS, ARMYWORMS - KEY PESTS OF QUINOA

REQ STATES WA ID OR

<u>NorthEast Region</u>	<u>NorthCentral Region</u>	<u>Southern Region</u>	<u>Western Region</u>	A
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Reduced Risk

PCR Use Pattern:

USE THE WARRIOR II PRODUCT; MAKE 3 FOLIAR APPLIC, BY GROUND OR AIR (MIN. 10 GPA BY GROUND, 2 GPA BY AIR), OF 0.03 LB AI/A, 14-DAY INTERVAL, 7-DAY PHI; USE HIGHER RATES FOR INCREASED RESIDUAL; IF FOLIAGE IS DENSE OR PEST POPULATIONS ARE HIGH, USE HIGHER USE RATES AND 20 GPA BY GROUND, 5-10 GPA BY AIR

HQ Comments:

NO EXPORT MARKETS INDICATED; ALTHOUGH THERE ARE WHEAT TOLERANCES THAT CAN BE USED TO SUPPORT REGISTRATION ON QUINOA, THE WHEAT PHI IS 30 DAYS WHICH MAY NOT SUPPORT THIS REQUESTED USE PATTERN AND RESIDUE DATA WOULD BE NEEDED; MFG SUPPORTS, AND NEEDS TO SEE ANY AVAILABLE EFFICACY/CROP SAFETY DATA:10/18; IF REQUESTOR ACCEPTS A PHI OF 30 DAYS OR MORE, THIS REQUEST COULD BE COVERED BY EXISTING GRAIN TOLERANCES:05/19; EPA (HOLD) CAUTION CHANGED TO EPA HOLD:09/19; MFG INDICATES SUPPORT, NEEDING RESIDUE AND E/CS DATA:09/17/19; MFG RECONFIRMED THIS IS RESEARCHABLE:09/20; EPA CAUTION: 08/21;

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

MFG NEEDS TO SEE ANY AVAILABLE E/CS DATA, AND/OR E/CS DATA WILL BE NEEDED:10/18

Nomination Justification:

(2019 CA) See requester comments;(2019 NC) International interest;(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; LAMBDA-CYHALOTHRIN IS A BROAD-SPECTRUM PYRETHROID INSECTICIDE THAT CAN EFFECTIVELY CONTROL A LYGUS BUG POPULATION IN OUTBREAK; IT SHOULD BE USED IN ROTATION WITH OTHER INSECTICIDES PRESENTLY IN THE IR-4 SYSTEM FOR REGISTRATION ON QUINOA; APPLY AS REQUIRED BY SCOUTING; TIMING AND FREQUENCY OF APPLIC SHOULD BE BASED ON INSECT POPULATIONS REACHING LOCALLY DETERMINED ECONOMIC THRESHOLDS; AVOID APPLIC WHEN BEES ARE ACTIVELY FORAGING BY APPLYING DURING EARLY MORNING OR DURING THE EVENING HOURS; BE AWARE OF BEE HAZARD RESULTING FROM A COOL EVENING AND/OR MORNING DEW:10/18

<u>Total # of PRs:</u>	44
<u>Total # of Trials:</u>	8
<u>Total # Chemical:</u>	29
<u>Total # Commodity:</u>	26