



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------|------------------|----------------------------------|
| P13723 | -NONE | + | BATTS | PYROXASULFONE (KICHEM) | CARROT | ROOT VEGETABLES SUBGROUPS (01AB) |

Reason for Need: WEEDS. Annual grassweeds, Broadleaf weeds, Weeds are a persistent problem for carrot production as carrots are poor competitors. Herbicides are essential for carrot production as high-density planting limits the use of mechanical options. Therefore, carrot growers have long relied on herbicides like metam, trifluralin, and linuron. New regulatory restrictions along with loss of crop tolerances and costly environmental monitoring studies may lead to the loss of some good herbicides:08/23; NY/Carrots are in critical need of novel weed control options, particularly with the evolution of linuron resistance in pigweed species:09/23

Use Pattern: (PCR): Use Zidua SC formulation. Make one or two broadcast applications at 3.5 fl oz/a. The first application should be made after carrot seeding but before crop emergence. The second application, via ground sprayer or through chemigation, should be made at least 30 days after the first, but no later than row closure of crop canopy (layby). Applications should not be made within 21 days of carrot harvest.

E/CS Data Requirements:

E/CS Research Comments: no early season phytotoxicity evaluation data collected in 2023 trial; vigor after the second application looks acceptable, but significant crop phytotoxicity was observed from the late application of both rates; original supporting data did not include sequential applications of treatments, though sequential applications are desired. RBB 8/23/sb; PER THE 2024 PERFORMANCE PROTOCOL: TESTING EFFICACY AND CROP SAFETY TO SUPPORT REGISTRATION OF PYROXASULFONE ON CARROT; TRIALS SHOULD BE PLACED ON COARSE TO MEDIUM-TEXTURED SOILS AS WORST CASE FOR CROP RESPONSES; COMPARE 1X (0.081 LB AI/A) AND 2X (0.16 LB AI/A) RATES OF ZIDUA 4.17 SC, AT A NUMBER OF APPLIC PLACEMENT AND TIMING SPECIFICATIONS (SEE PROTOCOL FOR DETAILS), ALL IN AT LEAST 5 GPA; IF AVAILABLE, PROVIDE IRRIGATION TO PROPERLY ACTIVATE TRTS IF ADEQUATE RAINFALL IS NOT EXPECTED AFTER APPLIC; EVALUATE CROP INJURY AND YIELD

Comments: Data under XH498 (rec'd 2/2014) is variable and was converted with this new request. Original supporting data did not include sequential applications of treatments, though sequential applications are desired, and a more complete report has been requested. Requester may also desire a chemigation option for preemergence application.08/23/rbb/sb; Category changed per MFG to Potential, MFG Requires E/CS Data Before Residue Study, 09/23 JPB; Performance protocol signed, status changed from "Potential: E/CS before approval for residue study" to "E/CS ongoing" 02/24/drs;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP09 Sidhu, Jaspreet



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|-------------|------------|-----------------|-----------------------|-------------------------|------------------|----------------------------------|
| P12613 | -NONE | A | BATTS | ETHEPHON (ADAMA,UPL NA) | GINSENG | ROOT VEGETABLES SUBGROUPS (01AB) |

Reason for Need: DEBUDDING PLANTS TO REDUCE SEED STAND; DEBUDDING PLANTS IS A COMMON PRACTICE FOR GINSENG GROWERS TO INCREASE ROOT YIELD; CURRENTLY DEBUDDING IS DONE BY HAND AT A HIGH COST PER ACRE; THE DEBUDDING PROCESS ALSO DAMAGES THE FOLIAGE AND LIKELY INCREASES ROOT AND FOLIAR DISEASE PRESSURE

Use Pattern: (PCR): USE THE ETHEPHON 2 PRODUCT; MAKE 1-2 FOLIAR APPLIC OF 1.0 LB AI/A (4 PT PRODUCT), 5-14 DAY INTERVAL, 30-DAY PHI; APPLY WHEN LOWER HALF OF FLOWER HEAD IS IN BLOOM; MAKE 2ND APPLIC ABOUT 2 WEEKS LATER WHEN TOP HALF OF FLOWER HEAD IS BLOOMING (OR APPLY WHEN THE CROP IS AT 10% BLOOM, AND REAPPLY AS NEEDED:07/20)

E/CS Data Requirements:

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING ETHEPHON 2SL AT 1.0 AND 2.0 LB AI/A, APPLIED FOLIAR BROADCAST, WITH AND WITHOUT ADJUVANT, 2 APPLIC (AT 25% AND 50% BLOOM) AND A SINGLE APPLIC (ONLY AT 50% BLOOM), IN 50-100 GPA; EVALUATE CROP INJURY, % BERRY HEADS INTACT AT HARVEST AND YIELD; THE 2025 PERFORMANCE PROTOCOL INCLUDES THE SAME PROCEDURES AND EVALUATIONS

Comments: KEY EXPORT MARKETS INCLUDE CHINA, TAIWAN, JAPAN, VIETNAM:08/18; EPA HOLD OF 08/19 CHANGED TO EPA CAUTION:09/19; UPL IS SUPPORTING, ADAMA IS NOT:05/20; EPA HOLD:08/20; UPL REQUESTED THE STATUS BE CHANGED TO RESEARCHABLE, RESIDUE AND E/CS DATA NEEDED: VP, 3/23; YELLOW 08/23; UPL WILL NO LONGER SUPPORT:11/23/sb; ADAMA is now supporting as Researchable, Residue and E/CS Data Need:12/23/sb; Canadian Study# AAFC24-030R:1/24/sb; E/CS ongoing, status will be changed to "Residue ongoing; E/CS ongoing" once residue protocol is signed. 02/24/DRS; Canadian residue protocol signed 3/22/24 & status updated to Residue On-Going; E/CS Data on-Going:03/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-MIP02 Hausbeck, Dr. Mary K.



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|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--|
| P13482 | -NONE | + | BATTS | FLURIDONE (SEPRO) | SWEET POTATO | TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD) |

Reason for Need: PALMER AMARANTH (BIG PROBLEM IN MISSISSIPPI) AND OTHER ANNUAL WEEDS; LIMITED HERBICIDES ARE AVAILABLE FOR EFFECTIVE PALMER AMARANTH CONTROL APPLIED PREEMERGENCE PRIOR TO TRANSPLANTING SWEETPOTATO. FLUMIOXAZIN IS CURRENTLY REGISTERED BUT SOME GROWERS FEEL THAT THEY ARE SEEING A REDUCTION IN YIELD FROM FLUMIOXAZIN. IN ADDITION, FLURIDONE REGISTRATION WOULD PROVIDE ANOTHER MODE OF ACTION IN SWEETPOTATO.

Use Pattern: (PCR): BRAKE; DOSAGE 16 - 32 OZ/A, PREPLANT AFTER BED FORMATION AND DRAGOFF AT 1,7,14,AND 21 DAYS BEFORE TRANSPLANTING, 1 APPLICATION; MAKE 1 PREPLANT APPLICATION AT A SAFE AND EFFECTIVE RATE AND TIMING TO THE PERFORMED BED PRIOR TO TRANSPLANTING

E/CS Data Requirements:

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TESTING SP1182 PRODUCT (1.2 LB AI/GAL) FOR PERFORMANCE AND CROP SAFETY; TEST 3 PRODUCT RATES (0.075, 0.15, 0.3 LB AI/A, OR 8, 16, 32 FL OZ PROODUCT/A), AT VARIOUS TIMINGS AND PLACEMENT (SEE PROTOCOL FOR DETAILED REQUIREMENTS); ALL APPLIC ARE SOIL BROADCAST, IN AT LEAST 10 GPA, AND EITHER FOLLOWED BY IRRIGATION OR NOT FOLLOWED BY IRRIGATION; ASSESS CROP INJURY AND CROP YIELD (PERFORMANCE DATA ARE NOT REQUIRED)

Comments: THIS NEW REQUEST PROVIDES A DIFFERENT USE PATTERN THAN PR# 11775; Status updated from "Potential" to "E/CS ongoing" 12/24/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 25-LAP01 Miller, Donnie
- 25-NCP04 Jennings, Katie
- 25-NCP05 Jennings, Katie



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--|
| P13755 | -NONE | + | PATEL | PHC68949 (PHC) | SWEET POTATO | TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD) |

Reason for Need: Target nematode pest: root-knot nematodes (Meloidogyne spp.), including guava root-knot nematode (M. enterolobii); Few effective products are available for management of root-knot nematode in sweetpotato; moreover, root-knot nematode causes galling damage to the sweetpotato storage roots, and cosmetic damage makes them unmarketable. Root-knot nematodes have a high risk of impacting other minor vegetables, fruits, and row crops grown in rotation:08/23

Use Pattern: (PCR): Apply as a seed treatment or foliar spray as advised by the MFG

E/CS Data Requirements:

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING PHC68949 FOR CONTROL OF GUAVA ROOT-KNOT AND SOUTHERN ROOT-KNOT NEMATODES; BEGIN FOLIAR APPLIC OF 0.1 AND 0.2 OZ AI/A OF PDHP68949 AT 1% WDG, AT PLANTING AND REPEAT AT 21-DAY INTERVALS IN 10-30 GPA, COMPARED WITH THE STANDARD MOVENTO; ASSESS CROP INJURY, NEMATODE CONTROL AND CROP YIELD; SEE PROTOCOL FOR OTHER TRIAL REQUIREMENTS; THE 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2024 PROTOCOL, BUT ADDS POSSIBLE USE OF A VELUM PRIME STANDARD (OR MOVENTO)

Comments: Per Mfg, this product will be registered by EPA but has not been granted a tolerance exemption yet, therefore IR-4 will update that status to "Potential: E/CS data before Approval for Residue" at this time:08/23/sb; E/CS ongoing , data needed before approval for residue study 02/24/DRS; Status changed from "ECS ongoing" to "Under Eval" for visibility during nominations 08/24/ds; E/CS trials are still on-going, so status changed back to E/CS Data On-Going:01/25/sb; Plant Health Care advised this product will be exempt from tolerance:01/25/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-NCP09 Gorny, Adrienne



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|-------------|------------|-----------------|-----------------------|-------------------------|-----------------------|---|
| P13648 | -NONE | A | MOORE,P | ZETA-CYPERMETHRIN (FMC) | BEEET GREENS (GARDEN) | LEAVES OF ROOT AND TUBER VEGETABLES GROUP (02) |

Reason for Need: Aphid/thrips/armyworm; This chemical is currently registered for garden beet roots but is not registered for the beet leaves. There is also no tolerance for this chemical on beet leaves. This chemical is very effective in other commodities for thrip and aphid suppression so it would be a great additional tool for pest management in beets. There are very limited chemical groups that are currently registered for beet leaves which makes pest control very difficult:07/23; TX/We are in a very difficult growing environment in South Texas with heavy pest pressures. Our tools for management are limited and beet bunches with greens are an important commodity for our business and strong consumer demand:08/23

Use Pattern: (PCR): Apply Mustang Maxx as a foliar spray at 4 fl oz/A for up to 6 times per year at an RTI of 4 days and a PHI of 1 day

E/CS Data Requirements:

E/CS Research Comments: IN THE 2024 PERFORMANCE PROTOCOL: TESTING THE MUSTANG MAXX PRODUCT, AT A RATE OF 4 FL OZ PRODUCT/A VS A STANDARD, FOR THRIPS AND APHID CONTROL; APPLY AS FOLIAR SPRAYS, 6 TIMES AT A 5-7 DAY INTERVAL AND A 1-DAY PHI; EVALUATE EFFICACY AND CROP SAFETY

Comments: A tolerance already exists for garden beets but the leaves cannot be used for food or feed: 7/23; Mfg supported at the 2023 FUW as Researchable, Residue & E/CS Data Needed:09/23/sb; EPA Green 12/23; Residue protocol signed, status will be changed from "E/cs data ongoing" to Residue ongoing e/cs ongoing" when residue protocol is signed 02/24/drs; ChemSac recommended garden beet roots analysis is not needed to support a tol for residues in/on garden beet tops:04/24/sb; Status changed to "Res ongoing ECS ongoing" 04/24/DRS;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP19 Nansen, Christian



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|-------------|------------|-----------------|-----------------------|---------------------------------|------------------|-------------------------------|
| P13778 | -NONE | A | MOORE,P | BIFENTHRIN (ADAMA,AMVAC,FMC) | ONION (DRY BULB) | ONION, BULB SUBGROUP (03-07A) |

Reason for Need: Soil insects (wireworms, mole crickets, grubs, seedcorn maggots; Currently diazinon is the only broad-spectrum pre-plant insecticide available. We are experiencing shortages currently, and the entire OP group could be lost to reregistration:09/23; NY-Few options exist for managing soil insect pests in onion & growers are heavily reliant on seed treatments. However, not all options will effectively manage seedcorn maggot & growers are very interested in other at-plant options:08/24;

Use Pattern: (PCR): Apply Brigade at 9.6-19.2 fl oz/A (0.15-0.3 lb) ai/A as a pre-plant incorporated application; PHI = 120 days

E/CS Data Requirements:

E/CS Research Comments:

Comments: EPA CAUTION:08/24; FMC Supports as Researchable, Residue & E/CS Data Needed:08/24/sb; Priority changed from B to A as a result of add'l study allowance during the 2024 NRPM:10/24/sb' Status changed from "Residue & ECS needed" to "complete w ongoing trials" 03/25/ds; Status changed to "Res ongoing, ECS ongoing" 03/25/ds

NER-EPA Region-FRD

25-NYP04 Nault, B.A.

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

25-CAP14 Babu, Arun

CANADA-EPA Region-FRD



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|-------------|------------|-----------------|-----------------------|-------------------------------|------------------|-------------------------------|
| P12770 | -NONE | + | PATEL | FLUAZAINDOLIZINE (CORTEVA) | ONION (DRY BULB) | ONION, BULB SUBGROUP (03-07A) |

Reason for Need: STUBBY ROOT AND LESION NEMATODES; THE MATERIALS CURRENTLY LABELED FOR ONION (DICHLOROPROPENE + CHLOROPICRIN AND OXAMYL) HAVE POTENTIAL ENVIRONMENTAL CONCERNS AND THEIR REGISTRATION MAY BE AT RISK IN THE FUTURE:06/19; ADDITIONAL REQUEST RECEIVED FROM ID FOR PINK ROT CONTROL, BUT NO SUPPORTIVE DATA THAT SHOWS IT WORKS:07/19

Use Pattern: (PCR): USE THE SALIBRO PRODUCT; MAKE 1 SOIL APPLIC AT PLANTING OF 1.12 KG/HA; NO OTHER USE PATTERN INFO PROVIDED; IR-4 SUGGESTS SOIL INCORPORATION OF 2 PT PRODUCT/A, 2 LB AI/SEASON, TOTAL OF 3 APPLIC; FROM THE ID PINK ROT CONTROL REQUEST, USE SALIBRO AS A SOIL APPLIC AT PLANTING; NO OTHER USE PATTERN INFO PROVIDED

E/CS Data Requirements: MFG REQUESTS CONSULTATION ON TRIAL LOCATIONS, TREATMENT LIST, RATES, TIMINGS; 2 phytotoxicity trials are needed and both should be conducted in CA:03/24/sb

E/CS Research Comments: PER THE 2023 PERFORMANCE PROTOCOL: TESTING FLUAZAINDOLIZINE EFFICACY AND CROP SAFETY IN CONTROL OF STUBBY ROOT NEMATODE; USE A LOCAL COMMERCIAL DRY BULB ONION VARIETY THAT IS SUSCEPTIBLE TO STUBBY ROOT NEMATODE, AND CONDUCT RESEARCH IN A FIELD INFESTED WITH THIS NEMATODE; TEST 0.5 AND 1.0 LB AI/A RATES OF SALIBRO, APPLIED ONCE VIA DRIP IRRIGATION IN 100 GPA (NO ADJUVANT NEEDED); ASSESS PLANT STAND/HEIGHT/VIGOR AND DISEASE INCIDENCE; AT HARVEST, EVALUATE ROOTS FOR ROOT DAMAGE, AND CONFIRM STUBBY ROOT NEMATODE IS THE CAUSE; ALSO ASSESS CROP INJURY AFTER APPLIC; 2024 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2023 PROTOCOL, EXCEPT ONLY CROP PHYTOTOXICITY DATA IS REQUESTED

Comments: NO KEY EXPORT MARKETS NOTED; MFG WAS SUPPORTIVE OF USE ON ONION AT JUNE 2019 MTG; REQUESTOR IS ONLY INTERESTED IN BULB ONION:06/19; MFG CONFIRMED STATUS CHANGE TO POTENTIAL, E/CS BEFORE RESIDUE:09/20/19; PERFORMANCE PROTOCOL SIGNED AND CHANGED CATEGORY TO RESEARCHABLE, ECS DATA ONGOING, RESIDUE DATA NEEDED 4/23: 4/23, JPB; per biology mtg, advised Corteva has not yet reviewed performance to see if residue data is needed, so status updated from "Researchable, E/CS on-going; Residue Data Needed" to "E/CS Data Ongoing":07/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FLP07 Hajihassani, Abolfazl (FL)



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Print Date: 5/2/2025

| | | | | | | |
|------------------------------|----------------------------|-----------------------------|---------------------------------------|---|---|--|
| <u>PR #</u> P12703 | <u>LAB</u> -NONE | <u>PRIORITY</u> A | <u>STUDY DIRECTOR</u> PATEL | <u>CHEMICAL (MFG)</u> MEFENTRIFLUCONAZOLE (BASF) | <u>COMMODITY</u> LETTUCE (GH) | <u>CROP GROUP</u> LEAFY GREENS SUBGROUP (04-16A) |
|------------------------------|----------------------------|-----------------------------|---------------------------------------|---|---|--|

Reason for Need: POWDERY MILDEW; RESISTANCE MANAGEMENT; PER MS ME-TOO REQUEST: CLOUDY FALL-SPRING WEATHER AND TIGHT CELL SPACING ON SEEDING TRAYS MAKE POWDERY MILDEW A PROBLEM ON PLANTS GROWN FOR TRANSPLANTS INTO HYDROPONIC SYSTEMS

Use Pattern: (PCR): TRADE NAME NOT YET KNOWN; MAKE FOLIAR APPLIC (OR DRENCH IF PRODUCT IS SYSTEMIC); 0-DAY PHI; OTHER USE PATTERN INFO NOT PROVIDED

E/CS Data Requirements: YES - TBD

E/CS Research Comments: BASF requires at least 3 E/CS trials in GH lettuce, conducted on prominent market varieties for the GH industry. Crop safety data is needed for CA-DPR registration purposes. No efficacy data would be needed on powdery mildew. The product tradename would be Avelyo® Fungicide:05/24/sb

Comments: CANADA IS NOTED AS A KEY EXPORT MARKET; FIRST SUBMISSION FOR THIS NEW AI DID NOT INCLUDE CROP GROUP 4-16 LEAFY VEGETABLE CROPS, AND THE PRIA DATE WAS 2/28/19:04/19; MFG STILL EVALUATING GH USES:05/19; EPA GREEN:09/19; MFG NOT SUPPORTING GH CROP PRODUCTION USES AT THIS TIME, SO MFG HOLD:06/20; EPA GREEN: 08/23; based on BASF email, status of HOLD updated to Researchable, Res & E/CS data needed for "lettuce (gh)" which would not include head lettuce:05/24/sb; EPA HOLD CAUTION:08/24; Status changed to "ECS ongoing", will become "Res ongoing ECS ongoing when residue protocol is signed" 01/25/ds; status updated to Res ongoing ECS ongoing 01/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

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|----------|-----------------------|----------|-------------------|----------|----------|
| 25-MIP05 | Hausbeck, Dr. Mary K. | 25-MSP01 | Ayankojo, Timothy | 25-AZP01 | Hu, Alex |
|----------|-----------------------|----------|-------------------|----------|----------|



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| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------------|
| P12714 | -NONE | A | BATTS | ETHOFUMESATE (BAYER) | SWISS CHARD | LEAFY GREENS SUBGROUP (04-16A) |

Reason for Need: WEEDS; ANNUAL BROADLEAVES AND GRASSES; VERY FEW HERBICIDES LABELED FOR SWISS CHARD; S-METOLACHLOR IS THE ONLY PREEMERGENCE HERBICIDE LABELED FOR CHARD, AND CLOPYRALID IS THE ONLY POSTEMERGENCE HERBICIDE FOR BROADLEAVES; NEITHER HERBICIDE PROVIDES SUFFICIENT WEED CONTROL FOR THE LIFE OF THE CROP; NY/Limited herbicides available in crop. Ethofumesate is labeled for use in NY beets and is a foundational product when used in combination with S-metolachlor to provide residual weed control at planting. Can be used, POST, for extended suppression:08/23

Use Pattern: (PCR): USE NORTRON 4 SC; APPLY 1-1.5 LB AI/A PREEMERGENCE AFTER SEEDING AND 0.33 LB AI/A POSTEMERGENCE TO 2-4 LEAF CHARD PLANTS; MAKE 1-2 APPLIC, 30-DAY INTERVAL, 30-DAY PHI; MAX 3 LB AI/A/YR; DO NOT APPLY IF CHARD IS UNDER STRESS

E/CS Data Requirements:

E/CS Research Comments: PER 2024 PERFORMANCE PROTOCOL: TEST SINGLE APPLIC OF NORTRON SC ALONE AT 1X AND 2X RATES (APPLIED PREEMEREGNCE BROADCAST), VS 2 APPLIC (1ST APPLIC PREEMERGENCE BROADCAST, FOLLOWED BY EARLY POSTEMERGENCE BROADCAST), VS IN COMBINATION WITH DUAL MAGNUM (+ CROP OIL CONENTRATE [COC] WHEN APPLIED EPOST), VS COMMERCIAL STANDARDS, IN 10-60 GPA; NORTRON RATES SHOULD BE PER CURRENT LABEL RATES, AND BASED ON SOIL TYPE; SEE PROTOCOL FOR MORE APPLIC DELIVERY AND TIMING DETAILS; EVALUATE CROP INJURY, CROP YIELD AND WEED CONTROL; THE 2025 PERFORMANCE PROTOCOL FOLLOWS SIMILAR REQUIREMENTS AS THE 2024 PROTOCOL

Comments: NO EXPORT MARKETS NOTED; 8/11/04: DMP (ONLY) PR# XH124 CONVERTED TO PR# 12714:04/19; EPA GREEN:09/19; MFG PUT ON HOLD PENDING REG REVIEW:09/23/19; YELLOW 08/23; SPINACH IS ONLY THE LABEL FOR SEED PRODUCTION, NOT FOR HUMAN CONSUMPTION: 11/23, JPB; BOTH MOR & E/CS PROTOCOLS WERE SIGNED IN JAN 2024, SO RESEARCHABLE, RESIDUE & E/CS DATA NEEDED HAS BEEN UPDATED TO RESIDUE ON-GOING; E/CS DATA ON-GOING:02/24/sb; th residue study is in the process of being canceled:04/25/sb;

NER-EPA Region-FRD

25-NYP01 Sosnoskie, Lynn

NCR-EPA Region-FRD

25-OHP01 Yadav, Ram

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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|-------------|------------|-----------------|-----------------------|-------------------------------------|------------------|--------------------------------------|
| P12800 | -NONE | B | MOORE,P | ISOCYCLOSERAM (ISM-555) (SYNGEN) | BEAN (SNAP) | EDIBLE PODDED BEAN SUBGROUP (06-22A) |

Reason 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; AR/Arkansas has some of the largest acreage of 06-22A podded beans (edamame) and more options are needed for effective seed treatments for many soil pests:09/23;

Use Pattern: (PCR): NO USE PATTERN DETAILS PROVIDED (ALL TBD)

E/CS Data Requirements: MFG NEEDS IN-FURROW EFFICACY DATA:09/19

E/CS Research Comments: IN THE 2024 PERFORMANCE PROTOCOL: EVALUATING EFFICACY AND CROP SAFETY WITH APPLIC OF ISOCYCLOSERAM (PLINAZOLIN TECHNOLOGY) AS A SEED TREATMENT ON SNAP BEANS FOR CONTROL OF SEEDCORN MAGGOT; TEST 2 SEED TREATMENT RATES OF ISOCYCLOSERAM (5 AND 10 G AI/100 KG OF SEED), VS THE STANDARD SEED TREATMENT OF THIAMETHOXAM; EVALUATE PLANT STAND AND SEEDCORN MAGGOT CONTROL AND ANY INSECTICIDE TREATMENT-INDUCED CROP INJURY; THE 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2024 PROTOCOL

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; LAST STATUS CHANGE: 05/22; Syngenta has agreed to update the status to again include residue, so once the E/CS protocol is signed, the status should be updated to "Researchable, E/CS on-Going; Residue Data Needed":01/24/sb; EPA PENDING:08/24; since residue can now be conducted if prioritized, at the 2024 FUW the "+" priority updated to a "B":02/25/sb;

NER-EPA Region-FRD

25-MDP01 Yurchak, Veronica

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|---|---|
| P11774 | -NONE | A | BATTS | LINURON (TKI) | PEA (EDIBLE PODDED & SUCCULENT SHELLED) | EDIBLE PODDED, SUCCULENT SHELLED PEA SUBGROUPS (06-22BD) |

Reason for Need: WEEDS IN GENERAL; AMARANTH SPECIES, ESPECIALLY PALMER AMARANTH; PIGWEED, PURSLANE, GRASSES; PER GA ME-TOO REQUEST, THERE ARE MINIMAL ALTERNATIVES; PER NC ME-TOO REQUEST: NEEDED FOR AMARANTHUS SPECIES; SSR from NY, Palmer amaranth is expanding its range into NYS. Other amaranth species are widespread. In the absence of linuron resistance, this a.i. could be an effective tool against these species:07/23

Use Pattern: (PCR): USE THE LOROX/LINEX PRODUCT; MAKE 1 PREEMERGENCE APPLIC TO THE SOIL PRIOR TO CROP EMERGENCE, USING 0.5-1.0 LB AI/A; APPLY AFTER PLANTING BUT BEFORE CROP EMERGENCE; TARGET A 21-DAY PHI

E/CS Data Requirements: YES - TBD

E/CS Research Comments: MFG HAS RESEARCH RESULTS THAT SHOW ON BOTH DRY AND GREEN PEA VARIETIES LINURON IS QUITE SAFE WHEN USED PREEMERGENCE:09/15

Comments: MFG MAY CONSIDER SOME FUNDING TO HELP OFFSET RESEARCH COSTS:09/15; EPA CAUTION:09/15; EPA CAUTION:08/16; EPA CAUTION:08/17; EPA GREEN:09/18; COMMODITY CHANGED FROM PEA (SUCCULENT SHELLED) TO PEA (EDIBLE PODDED & SUCCULENT SHELLED) DUE TO AN EDIBLE POD PEA REQUEST RECEIVED FROM CA WITH A SIMILAR USE PATTERN; SENT THE EDIBLE POD PEA REQUEST TO THE MFG TO CONFIRM SUPPORT:04/19; EPA GREEN:09/19 & 08/20; EPA CAUTION: 08/21; EPA GREEN: 08/22; YELLOW 08/23, 08/24; changed from "Researchable Res & ECS" to "Residue ongoing ECS ongoing" 01/25/ds;

NER-EPA Region-FRD

25-NYP03 Sosnoskie, Lynn

NCR-EPA Region-FRD

25-WIP01 Heider, Daniel J.

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------|
| P13511 | -NONE | A | PATEL | INPYRFLUXAM (VALENT) | TOMATO | TOMATO SUBGROUP (08-10A) |

Reason for Need: SOUTHERN BLIGHT (SCLEROTIUM ROLFII); THERE ARE ACTIVE INGREDIENTS CURRENTLY REGISTERED FOR FIELD CONTROL OF SOUTHERN BLIGHT OF TOMATO BUT THEY ARE NOT EFFECTIVE; IN RECENT YEARS, THERE HAS BEEN AN INCREASE OF SOUTHERN BLIGHT LIKELY DUE TO ABNORMAL WEATHER PATTERNS DURING PLANTING AND LACK OF CONTROL OF LABELED PRODUCTS; HAVING THE OPTION OF FUNGICIDE APPLIC WITH EFFECTIVE ACTIVE INGREDIENTS WHEN THE DISEASE OCCURS WOULD REDUCE LOSSES THAT TOMATO GROWERS ARE EXPERIENCING DUE TO SOUTHERN BLIGHT

Use Pattern: (PCR): EXCALIA; DOSE RATE 10 FL IZ/A

E/CS Data Requirements:

E/CS Research Comments: PER THE 2023 PERFORMANCE PROTOCOL: TESTING INPYRFLUXAM FOR EFFICACY AND CROP SAFETY IN THE MANAGEMENT OF SOUTHERN BLIGHT ON A LOCAL COMMERCIAL VARIETY SUSCEPTIBLE TO THIS PATHOGEN; MAKE 4 DRENCH APPLIC OF 2 FL OZ OF EXCALIA/A, DIRECTED TO THE BASE OF PLANTS; FIRST APPLIC SHOULD BE MADE AT TRANSPLANTING IN 500 GPA; APPLIC 2 TO 4 SHOULD BE MADE IN 70 GPA AT 30, 60 AND 90 DAYS AFTER THE 1ST DRENCH APPLIC; 1-DAY PHI; ASSESS DISEASE INCIDENCE AND SEVERITY, CROP INJURY AND MARKETABLE YIELD; 2024 AND 2025 PERFORMANCE PROTOCOLS FOLLOW DETAILS OF THE 2023 PROTOCOL

Comments:

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP36 Sidhu, Jaspreet



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------|
| P13600 | -NONE | + | PATEL | INPYRFLUXAM (VALENT) | TOMATO | TOMATO SUBGROUP (08-10A) |

Reason for Need: SOUTHERN BLIGHT CAUSED BY ATHELIA (SCLEROTIUM) ROLFSII; POST-PLANT APPLICATION TO REDUCE DISEASE INCIDENCE. SOILBORNE PATHOGEN WITH A BROAD HOST RANGE AND IS NOT EFFECTIVELY MANAGED THROUGH SOIL FUMIGATION OR OTHER AVAILABLE PESTICIDES. MS - Current options are limited and have limited application numbers for the aggressiveness of the pathogen/08/23; WV-We documented increased incidence of Southern blight in WV last few years. We found it this year on peppers as well:09/24;

Use Pattern: (PCR): EXCALIA AT A RATE OF 10 FL OZ/A APPLIED AT-PLANT DRENCH/SPRENCH; DRIP AND CROWN-DIRECTED IN 2 APPLICATIONS WITH A RE-TREATMENT INTERVAL OF 14 DAYS. FOR FRESH-MARKET TOMATO APPLICATIONS WOULD NEED TO EVALUATE 2-4 FL OZ/A APPLICATION RATE: AT-PLANT DRENCH/SPRENCH APPLICATIONS FIRST 2-3 WEEKS FOLLOWING PLANTING; AND DRIP AND CROWN-DIRECTED APPLICATIONS 4-WEEKS AFTER PLANTING. LIMITATIONS INCLUDE 2-4 FL OZ/A APPLICATION RATE; 2 APP LIMIT/YEAR; MAX RATE 8 FL OZ/A/YEAR.

E/CS Data Requirements:

E/CS Research Comments:

Comments: TOMATO (FRESH MARKET); OPEN FIELD PRODUCTION; HARVEST SEASON MID-OCT THRU MID-JUNE; VALENT SUPPORTS THIS NEW REQUEST AS RESEARCHABLE, RESIDUE & E/CS DATA NEEDED:03/23/sb; 2023 FUW identified this as a different use pattern than pr# 13511, but the residue work will be covered by 13511:09/23/sb; EPA CAUTION:08/24; update that only the early season use is covered by the existing 13511 work:09/24/sb; 2024 workshop status update to E/CS only since residue covered under 13511:09/24/sb; Upgraded from a "H" priority to an "H+" during the 2025 Pups & RUs process:10/24/sb

NER-EPA Region-FRD

25-WVP01 Rahman, M. Mahfuz

NCR-EPA Region-FRD

SOR-EPA Region-FRD

25-FLP12 Vallad, Gary
25-GAP01 Dutta, Bhabesh

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------|
| P6529 | -NONE | A | BATTS | PYRIDATE (BELCHIM) | TOMATO | TOMATO SUBGROUP (08-10A) |

Reason for Need: EASTERN NIGHTSHADE; PER NJ ME-TOO REQUEST, NEED POSTEMERGENCE CONTROL OF PIGWEEDS (PROSTRATE, PALMER) PLUS NIGHTSHADE IN ROW MIDDLES:09/19; PER CA ME-TOO REQUEST 08/20: PIGWEED AND NIGHTSHADE ARE MAJOR WEED ISSUES IN CA PROCESSING TOMATOES, WITH LIMITED CONTROL OPTIONS

Use Pattern: (PCR): POST; 0.9 LB AI/A; 45-DAY PHI

E/CS Data Requirements: YES - TBD;

E/CS Research Comments: BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP SAFETY AS A DIRECTED SPRAY:05/18

Comments: MFG WILL NOT SUPPORT:06/99; PREVIOUS CANADIAN REGISTRATIONS OF A DRY FORMULATION INCLUDED A "DIRECTED SPRAY" APPLIC TO TOMATOES; BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE AS A DIRECTED SPRAY, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; BELCHIM STILL NEEDS PRELIMINARY CROP SAFETY AND USE PATTERN DATA BEFORE SUPPORTING RESIDUE WORK:05/19; Belchim supports update from Potential, to "Researchable, Res Data Needed only", and they will conduct their own E/CS. IR-4 understands there is potential for the product to cause temporary phytotoxicity:07/24/sb; EPA GREEN:08/24; at 2024 workshop, advised Belchim updated status to Researchable, Res & E/CS data will be needed:09/24/sb; Status updated to ECS ongoing 02/25/ds; status updated to res & ec/s ongoing:02/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-SCP01 Cutulle, Matthew
25-NCP10 Jennings, Katie

25-CAP37 Hanson, Brad



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-------------------------------------|------------------|--------------------------|
| P13884 | -NONE | + | BATTS | MALEIC HYDRAZIDE (DREXEL,UPL NA) | TOMATO (FIELD) | TOMATO SUBGROUP (08-10A) |

Reason for Need: Branched broomrape (*Phelipanche ramosa*), Egyptian broomrape (*Phelipanche aegyptiaca*). As a new and quarantine pest in CA tomato production there are very limited options for control and management of these parasitic weeds. We have one registered material for use (through a 24(c)) and are concerned about development of quick resistance because of the significant use in the impacted region (~20,000 acres currently with significant preventative use). This material, as trialed for multiple years by the Hanson lab, would provide another tool that is effective and stave off resistance:07/24;

Use Pattern: (PCR): Make 5 foliar applications of Sprout-Stop per season. The first two applications will be at 13.7 fl oz/a and will be applied at 100 and 200 Growing Degree Days (GDD) after planting tomatoes. The remaining three applications will be at 27.4 fl oz/a and made at 400, 700 and 1,000 GDD. Applications should not be made within 30 days of harvest.

E/CS Data Requirements:

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TESTING SPROUT STOP PRODUCT FOR CONTROL OF BRANCHED BROOMRAPE; TEST VARIOUS TREATMENT SCENARIOS OF 21, 28 AND 32 FL OZ PRODUCT/A, APPLIED FOLIAR BROADCAST 6 TIMES, IN AT LEAST 30 GPA, COMPARED WITH SUBSURFACE CHEMIGATION RIMSULFURON AND STANDARD HERBICIDE PROGRAM TREATMENTS; SEE PROTOCOL FOR DETAILED APPLIC AND TREATMENT REQUIREMENTS; EVALUATE CROP INJURY, BROOMRAPE EMERGENCE AND CROP YIELD

Comments: Key Export Markets: Canada, Mexico, Britain, EU, Japan; requester is specifically pursuing processing tomatoes for CA. The submitted supporting data states that maleic hydrazide did not injure tomatoes. 2023 data showed average number of emerged broomrape custers was reduced over 80% by MH and Brad told me that his 2024 MH treatments looked fantastic until just recently:08/24/sb; Drexel Chem supports as Potential: E/CS Data Before Approval for Residue Study, with proposed use needing to be fine-tuned, if nominated:09/24/sb; Status changed from Potential to ECS data ongoing 04/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP10 Hanson, Brad
 25-CAP11 Hanson, Brad



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------|
| P12484 | -NONE | A | MOORE,P | FENAZAQUIN (GOWAN) | TOMATO (GH) | TOMATO SUBGROUP (08-10A) |

Reason for Need: MITES (TSSM); ARE A SIGNIFICANT PROBLEM WITH FEW OPTIONS FOR ROTATION

Use Pattern: (PCR): USE THE MAGISTER SC PRODUCT (1.6 LB AI/GAL); RATE LIKELY WILL BE 0.45 LB AI/A, 4-6 FOLAR APPLIC PER CROP, 7-10 DAY INTERVAL, 0-1 DAY PHI (CURRENT LABEL RESTRICTS USE ON ALL CROPS TO 1 APPLIC PER YEAR, OR PER CROP); Gowan supports the following: Apply Magus once as a foliar spray at a max of 0.48 lbs ai/A/cropping with a 3 day pre-harvest interval (PHI) - This is the same use pattern for the same crops in Magister:09/26/sb

E/CS Data Requirements: Gowan confirmed there is no need for efficacy work but only CS data are needed for 1 trial:09/24/sb

E/CS Research Comments:

Comments: CANADA IS A KEY EXPORT MARKET; MFG IS PREPARED TO SECURE MRLS IN KEY EXPORT MARKET COUNTRIES:03/18; MFG CONFIRMED THEY NO LONGER SUPPORT THIS USE, AS PYRIDABEN (SANMITE SC) IS ALREADY LABELED FOR GH TOMATO, AND THEY WON'T REGISTER A SIMILAR MOA FOR THIS USE:08/18; EPA GREEN:09/18; Gowan now supports as Researchable, Residue & E/CS data needed:08/16/24/sb; EPA CAUTION CONFIRMED AT 2024 WORKSHOP:09/24/sb; project added during the 2024 workshop:09/24/sb; EPA Caution:01/25/sb; status of Researchable Res & E/CS data needed updated to Complete w/on-going trials. Once the performance protocol is signed it will be updated accordingly:02/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-NCP06 Lopez, Lorena (NC)



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|---|
| P12482 | -NONE | A | MOORE,P | FENAZAQUIN (GOWAN) | PEPPER (GH) | PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC) |

Reason for Need: MITES, TSSM; MITES ARE A SIGNIFICANT PROBLEM, WITH FEW OPTIONS FOR ROTATION; CA/ME-Needed at various farms:08/24;

Use Pattern: (PCR): RATE LISTED AS "PER MFG" BUT PER IR-4 LIKELY WOULD BE 0.45 LB AI/A/APPLIC; MAKE 4-6 FOLIAR APPLIC AT 7-10 DAY INTERVALS, WHERE PEPPERS ARE IMPACTED BY MITES; 3-5 DAY PHI; Gowan supports the following: Apply Magus once as a foliar spray at a max of 0.48 lbs ai/A/cropping with a 3 day pre-harvest interval (PHI) - This is the same use pattern for the same crops in Magister:09/26/sb

E/CS Data Requirements: Gowan confirmed there is no need for efficacy work but only CS data are needed for 1 trial:09/24/sb

E/CS Research Comments:

Comments: CANADA IS A KEY EXPORT MARKET:03/18; PYRIDABEN IS REGISTERED ("DYNAMITE") FOR THIS GH USE IN CANADA; MFG CONFIRMED THEY WILL NOT SUPPORT THIS GH USE:08/18; EPA GREEN:09/18; Gowan now supports as Researchable, Residue & E/CS data needed:08/16/24/sb; EPA CAUTION CONFIRMED AT 2024 WORKSHOP:0/24/sb; project added during the 2024 workshop:09/24/sb; EPA Caution:01/25/sb; Status changed from "Researchable, Residue and ECS needed" to "Complete w ongoing trials 03/25/ds; Status changed to "Residue ongoing, ECS ongoing" 04/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-NCP07 Lopez, Lorena (NC)



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------------|
| P12516 | -NONE | A | MOORE,P | FENAZAQUIN (GOWAN) | CUCUMBER (GH) | SQUASH/CUCUMBER SUBGROUP (09B) |

Reason for Need: MITES, TSSM; MITES ARE A SIGNIFICANT PROBLEM; THIS IS ONE OF FEW MITICIDES WITH OVICIDAL ACTIVITY; ME/CA/MI-Needed at various farms:08/24;

Use Pattern: (PCR): USE THE MAGISTER PRODUCT; MAKE 4-6 FOLIAR APPLIC, 7-10 DAY INTERVAL, 0-1 DAY PHI; RATE INDICATED "PER MFG"; IR-4 SUGGESTS ONLY 1 APPLIC OF 0.45 LB AI/A, 1-DAY PHI; Gowan supports the following: Apply Magus once as a foliar spray at a max of 0.48 lbs ai/A/cropping with a 3 day pre-harvest interval (PHI) - This is the same use pattern for the same crops in Magister:09/26/sb

E/CS Data Requirements: Gowan confirmed there is no need for efficacy work but only CS data are needed for 1 trial:09/24/sb

E/CS Research Comments:

Comments: CANADA IS A KEY EXPORT MARKET:05/18; MFG CONFIRMED THEY WILL NOT SUPPORT THIS GH USE, AS PYRIDABEN IS ALREADY LABELED (SANMTE SC) FOR THIS USE:08/18; EPA GREEN:09/18; Gowan now supports as Researchable, Residue & E/CS data needed:08/16/24/sb; EPA CAUTION CONFIRMED AT 2024 WORKSHOP:0/24/sb; project added during the 2024 workshop:09/24/sb; EPA Caution:01/25/sb; Status updated from "Researchable, Res & ECS" to "ECS ongoing" 02/25/ds; Status changed to "Res ongoing ECS ongoing 03/25/ds;

NER-EPA Region-FRD

25-NYP05 Gilrein, Dan

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|--|------------------|--------------------------------|
| P13529 | -NONE | + | BATTS | ETHALFLURALIN + CLOMAZONE (GOWAN,LOVLND) | SQUASH | SQUASH/CUCUMBER SUBGROUP (09B) |

Reason for Need: MORNING GLORY, PIGWEED, NUTSEDEGE

Use Pattern: (PCR): MAKE 1 SOIL APPLIC OF 5 PT/A OF STRATEGY, AFTER TRANSPLANTING

E/CS Data Requirements:

E/CS Research Comments: This protocol recommended, but not required, to include cantaloupe (11776) and cucumber (13528) if possible:12/24/sb; IN 2025 PERFORMANCE PROTOCOL: TESTING EFFICACY/CROP SAFETY OF STRATEGY PRODUCT AT 2 RATES (1X AND 2X BASED ON SOIL), IN BARE GROUND AND PLASTIC MULCH CULTURE, APPLIED AS POST-TRANSPLANT BROADCAST TRTS, IN 10-30 GPA; IF POSSIBLE, ALSO EVALUATE PRODUCT ON CUCUMBER (PR# 13528) AND CANTALOUPE (PR# 11776) TO DEVELOP A MORE ROBUST DATA SET FOR THIS CROP GROUP; EVALUATE WEED CONTROL, CROP SAFETY AND YIELD; SEE PROTOCOL FOR MANY MORE DETAILS ABOUT APPLICATION TIMING, ETC.

Comments: THIS IS A NEW REQUEST FOR THE COMBO PRODUCT STRATEGY ON CUCURBIT CROPS AS A PRE-EMERGENCE BROADLEAF TOOL IN TRANSPLANTED FIELDS (MOST CUCURBIT CROPS ARE NOW TRANSPLANTED); STRATEGY IS LABELED FOR BROADCAST PRE USE IN SEEDED CUCURBITS ONLY; FOR TRANSPLANTED CUCURBITS IT CAN ONLY BE USED POST-TRANSPLANT AND ONLY IN ROW MIDDLES; ETHAFLURALIN IS LABELED AS CURBIT EC BY LOVELAND, AND HAS THE SAME LABEL LANGUAGE AS STRATEGY:08/15; CLOMAZONE IS LABELED AS COMMAND 3 ME AND ALLOWS PRE TRANSPLANT USE IN WINTER/SUMMER SQUASH ONLY (NOT ALL CUCURBITS); IT ALSO IS EPA OK/GREEN FOR THIS MICROENCAPSULATED FORMULATION, WHILE ETHAFLURALIN IS EPA CAUTION; SEE ONGOING CLOMAZONE/CUCURBIT STUDY (PR# 11063), DESIGNED TO REDUCE PHI TO 30 DAYS, AND IT DOES ALLOW FOR PRE TRANSPLANT USE; DOW IS NOT INTERESTED IN SUPPORTING ADDITIONAL WORK WITH ETHAFLURALIN FOR THIS USE AT THIS TIME:09/15; THIS IS A LOVELAND DUAL AI PRODUCT:07/17; GOWAN CONFIRMED LOVELAND HOLDS THE DATA FOR THIS PRODUCT, AND GOWAN WILL SUPPORT IT IF LOVELAND DOES:08/18; EPA CAUTION:09/18; BOTH AIs HAVE TOLERANCES FOR CROP GROUP 9 CUCURBITS:10/18; NEED TO DISCUSS WITH LOVELAND:06/19; EPA GREEN (BOTH):09/19; THIS IS A LOVELAND PRODUCT SO IT IS THEIR DECISION:05/20; EPA GREEN (BOTH): 08/20; EPA YELLOW (ETHAFLURALIN), EPA GREEN (CLOMAZONE): 08/21; EPA ORANGE (ETHAFLURALIN: 08/22; PR#11776 ORIGINALLY WAS SUBMITTED UNDER THE CROP "CUCURBIT VEGETABLES". THAT REQUEST WAS BROKEN INTO 3 SEPARATE REQUESTS AS CANTALOUPE, PR#13528 (CUCUMBER) & PR#13529 (SQUASH); FMC needs E/CS data before deciding on residue study: 5/23 JPB;;EPA HOLD CAUTION: 08/23 (ETHAFLURALIN), CLOMAZONE GREEN 08/23; at this time, Nutrien (a part of Loveland) agrees to support as "Potential:E/CS Data Before Approval for Residue:12/24/sb; Status changed to "ECS ongoing" 01/25/ds

NER-EPA Region-FRD

25-NJP05 Besancon, Thierry

NCR-EPA Region-FRD

SOR-EPA Region-FRD

25-FLP15 Dittmar, Dr. Peter

WSR-EPA Region-FRD

25-CAP12 Hanson, Brad

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------|
| P13889 | -NONE | + | BATTS | EPYRIFENACIL (VALENT) | APPLE | POME FRUIT GROUP (11-10) |

Reason for Need: annual broadleaves and grasses, burndown of perennial weeds. glyphosate and paraquat resistant weeds, concerns about user safety with paraquat, concerns about crop injury potential with glufosinate and glyphosate, concerns about carfentrazone performance:08/24/sb;

Use Pattern: (PCR): Make 1-3 applications of Rapidicil at 5 fl oz/a plus adjuvant per year along both sides and across the base of the crop. No retreatment interval or preharvest interval submitted. Valent supports a max of 2 applications with a 30 day retreatment interval during dormant and prior to bud break. Maximum annual use of 10 fl oz/A. Target use rate of 5 fl oz/A with a maximum per application use rate of 10 fl oz/A. Labeling will require tank mixture with another burndown herbicide for resistance management/product stewardship:08/24

E/CS Data Requirements:

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TESTING 3 TRTS WITH EPYRIFENACIL (S-3100 0.46EC) - 0.018 AND 0.036 LB AI/A + ADJUVANT (LABEL RATE OF CROP OIL CONCENTRATE OR METHYLATED SEED OIL) VS 0.018 LB AI/A + LABEL RATE OF GLYPHOSATE OR GLUFOSINATE; MAKE 2 POST-DIRECTED SPRAYS 30 DAYS APART, IN AT LEAST 15 GPA, TO THE BASE OF THE TREES, WITH THE 2ND APPLIC PRIOR TO BUD BREAK; SEE PROTOCOL FOR MORE DETAILS ABOUT EXACT PLACEMENT OF SPRAY SOLUTION; EVALUATE CROP INJURY, WEED CONTROL AND CROP YIELD

Comments: Key Export Markets: Mexico, Canada, SE Asia, India, China. Early input from the registrant indicated only dormant uses in perennial crops. Email from registrant indicated concern with systemic movement if suckers or other green tissue is exposed to spray:08/24/sb; Vallent supports as Potential: E/CS Data Before Approval for Residue with use pattern noted:08/24/sb; Upgraded from a "H" priority to an "H+" during the 2025 Pups & RUs process:10/24/sb; E/CS ongoing 12/24/ds

NER-EPA Region-FRD

25-NYP02 Sosnoskie, Lynn
25-PAP01 Brunharo, Caio (PA)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

25-WAP01 Liu, Rui

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|----------------------------|------------------|--------------------------|
| P13683 | -NONE | A | PATEL | OXATHIPIPROLIN (SYNGEN) | APPLE | POME FRUIT GROUP (11-10) |

Reason for Need: Phytophthora; Limited products currently registered and are not nearly as effective as Oxathiapiprolin:07/23; Orondis is proven to be the best material for selectively controlling phytophthora and is a necessity to ensure profitable cultivation of pome fruit in CA:03/24/sb

Use Pattern: (PCR): Rate: 4.8-9.6 oz per acre; Application type: Chemigation; # of application: 3; RTI: 30 days or more; PHI: 30 days; MFG supports up to 2 soil/drench/drip applications of Orondis, 30-day RTI and a PHI of 0 days; 12 trials would be required for the residue study on apple and an additional 6 trials would be required for pear to get the whole crop group'.

E/CS Data Requirements: YES - TBD

E/CS Research Comments:

Comments: Mfg supports as Researchable, Residue & E/CS Data Needed and MFG supports up to 2 soil/drench/drip applications of Orondis, 30-day RTI and a PHI of 0 days; 12 trials would be required for the residue study on apple and an additional 6 trials would be required for pear to get the whole crop group':09/23; if the same use pattern is adopted as pear (13814) / apple, the entire pome fruit crop group 11-10 can be covered.:06/24/sb; EPA GREEN:08/24; Status changed from "Researchable, Residue and ECS needed" to "E/CS ongoing" 03/25/ds; Status changed to "Res ongoing E/CS ongoing" 03/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 25-CAP30 Adaskaveg, Dr. James
- 25-CAP31 Adaskaveg, Dr. James
- 25-CAP32 Adaskaveg, Dr. James



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|----------------------------|------------------|--------------------------|
| P13814 | -NONE | A | PATEL | OXATHIPIPROLIN (SYNGEN) | PEAR | POME FRUIT GROUP (11-10) |

Reason for Need: Phytophthora; Current fungicides are not very effective:06/24;

Use Pattern: (PCR): Use Orondis; 4.8-9.6 oz/A; 3 applications using chemigation @ >30 day interval: PHI: 30 days. Syngenta supports using Orondis at 4.8-9.6 oz/A as a soil / drench / drip application: 2 applications maximum, 30 day re-treatment interval, 0 day PHI:07/24/sb;

E/CS Data Requirements: YES - TBD

E/CS Research Comments:

Comments: Apple (13683) and pear are in Crop Group 11-10 so, if the same use pattern is adopted, and both requests are prioritized, entire crop group can be covered:06/24; Syngenta supports as "Researchable, Residue & E/CS data needed", with a specified use pattern:07/24/sb; EPA GREEN:08/24; Status changed to "E/CS ongoing" 03/25/ds; Status changed to "Res ongoing, E/CS ongoing" 03/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 25-CAP33 Adaskaveg, Dr. James
- 25-CAP34 Adaskaveg, Dr. James
- 25-CAP35 Adaskaveg, Dr. James



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---|------------------|--------------------------|
| P13334 | -NONE | + | BATTS | 1-AMINOCYCLOPROPANE-1-CARBOXYLIC ACID (ACC) (VALBIO) | CHERRY | CHERRY SUBGROUP (12-12A) |

Reason for Need: FLOWER FRUIT THINNING, REDUCE LABOR COSTS FOR THINNING FLOWER AND FRUIT USING A NATURAL PRODUCT

Use Pattern: (PCR): ACCEDE; UNKNOWN DOSAGE RATE; AIR-BLAST 100 TO 150 GALLONS/A, 1 APPLICATION, PHI OF 30 DAYS; FOLLOW PEACH/NECTARINE LABEL

E/CS Data Requirements:

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING FOLIAR DIRECTED APPLIC OF 3 RATES OF ACCEDE 40SG (+ NONIONIC SURFACTANT [NIS] AT 0.05% V/V), 150, 300, 450 PPM, APPLIED IN 100 GPA, TARGETING A SINGLE APPLIC AT 50-75% OPEN BLOOM; AN OPTIONAL TRT IS 300 PPM APPLIED TWICE, 7-10 DAY INTERVAL, BEGINNING WHEN A MAJORITY OF BLOOMS ARE IN THE POPCORN/BALLOON STAGE, JUST PRIOR TO FULL BLOOM; TRIALS ARE TO BE CONTINUED INTO A SECOND YEAR, WITH TRTS APPLIED TO THE SAME PLOTS IN BOTH YEARS; EVALUATE CROP SAFETY, FRUIT THINNING AND CROP YIELD; 2025 PERFORMANCE PROTOCOL FOLLOWS 2024 PROTOCOL DETAILS, FOR YEAR 1 OF 2 FOR THE CA TRIALS, AND YEAR 2 OF 2 FOR THE MI TRIAL

Comments: Performance protocol signed, changed status from "Need E/CS data only" to " E/CS ongoing" 02/24/drs;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-MIP01 Rothwell, Nikki

25-CAP04 Adaskaveg, Dr. James
25-CAP05 Adaskaveg, Dr. James



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------|------------------|--------------------------|
| P13813 | -NONE | A | PATEL | FLUAZINAM (ISK,SYNGEN) | CHERRY | CHERRY SUBGROUP (12-12A) |

Reason for Need: Cherry leaf spot, Blumeriella jaapii, American brown rot, Monilinia fruticola, and European brown rot, Monolinia laxa. Cherry leaf spot, Blumeriella jaapii, and brown rots, Monolinia spp., the two most important diseases of cherry production in the Eastern US, have developed resistance to or exhibit reduced sensitivity to DMI, SDHI, and QoI fungicides. A fungicide with a different mode of action would be greatly benefit growers and improve disease resistance management efforts:06/24

Use Pattern: (PCR): Use Omega 500 F; 1-2 foliar applications; 10-13.8 fl. oz/A; RTI:7-day; PHI: Don't apply after bloom; However, for use only during bloom for cherry leaf spot, American brown rot, and European brown rot

E/CS Data Requirements: YES - TBD

E/CS Research Comments:

Comments: Key Export: Not Certain; some crops have shown sensitivity to the active ingredient:06/24; Requestor's primary concern of pest is American brown rot of blossom blight and secondary concern of pest is cherry leaf spot. Requester suggests to have American brown spot trials conducted on sweet cherries whereas cherry leaf spot trials should be conducted on tart cherries:06/24/sb; ISK supports as Researchable, Residue &E/CS Data Needed:06/24/sb; EPA CAUTION:08/24; Residue protocol AAFC25-030R signed by Canadian SD and status updated to Compl w/Ongoing Trials. The status will be updated to Res & E/CS Ongoing once the E/CS Protocol is also signed:03/25/sb; Status changed to "Res ongoing ECS ongoing" 03/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-MIP06 Rothwell, Nikki

25-CAP24 Adaskaveg, Dr. James
25-CAP25 Adaskaveg, Dr. James



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------------|------------------|-----------------------------|
| P13502 | -NONE | A | MOORE,P | NOVALURON (ADAMA,UPL NA) | CANEBERRY | CANEBERRY SUBGROUP (13-07A) |

Reason for Need: SPOTTED WING DROSOPHILA (SWD); ROTATIONAL MATERIAL; THIS MOA NOT CURRENTLY REGISTERED FOR SWD MANAGEMENT IN CANEBERRY

Use Pattern: (PCR): RIMON OR CORMORAN; DOSAGE: 0.13 LB AI/A, 4 FOLIAR APPLIC, 7-DAY INTERVALS, 1-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING SWD CONTROL WITH NOVALURON + ACETAMIPRID (CORMORAN PRODUCT) VS A ROTATION OF SPINETORAM AND ZETA CYPERMETHRIN; MAKE 4 FOLIAR APPLIC OF 20 FL OZ OF THE CORMORAN PRODUCT/A, 7-DAY INTERVAL, 1-DAY PHI; IN AT LEAST 40 GPA; EVALUATE EFFICACY AND PHYTOTOXICITY PER DETAILED INSTRUCTIONS IN THE PROTOCOL; THE 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2024 PROTOCOL

Comments: NEW PR# CREATED AS USE PATTERN & PEST ARE DIFFERENT THAN PR# 13260:08/22; PR# 13260 WILL BE COVERED BY THIS PR# IN THE RESIDUE PROTOCOL:02/23; PCR REPLY OF 8/22 INDICATES ADAMA SUPPORTS AS RESEARCHABLE, RES & E/CS DATA NEEDED:02/24/sb; CANADA IS THE STUDY DIRECTOR AND THEY ARE USING A DUAL AI PRODUCT, NOVALURON + ACETAMIPRID, AAF23-007R; THERE IS ALREADY A TOLERANCE ESTABLISHED FOR ACETAMIPRID IN THE US:02/23; "complete with ongoing trials" updated to "residue ongoing, E/CS ongoing" 02/24/DRS;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ARP02 Cato, Aaron



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| | | | | | | |
|--------------------|-------------------|------------------------|------------------------------|------------------------------|-------------------------|-----------------------------|
| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
| P11128 | -NONE | + | BATTS | TERBACIL (TKI) | CANEBERRY | CANEBERRY SUBGROUP (13-07A) |

Reason for Need: ANNUAL AND PERENNIAL WEEDS; PER AR ME-TOO REQUEST: THERE IS A GREAT NEED FOR HERBICIDES THAT ARE SAFE ON NEWLY TRANSPLANTED CANEBERRIES

Use Pattern: (PCR): 0.25-1.5 LB A/A; 1-3 APPLIC TO THE SOIL IMMEDIATELY AFTER TRANSPLANTING

E/CS Data Requirements:

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING 4 RATES OF SINBAR 80WDG + ADJUVANT, (0.2, 0.4, 0.6 AND 1.2 LB AI/A), APPLIED AS DIRECTED SPRAYS TO EITHER SIDE AND ACROSS ROWS, IN AT LEAST 20 GPA; THE SAME TREATMENTS ARE TO BE APPLIED TO THE SAME PLOTS IN EACH OF 2 YEARS; ALL TRIALS ARE TO BE INITIATED IMMEDIATELY AFTER ESTABLISHMENT OF CANES; A SANDY LOAM SOIL IS DESIRED FOR AT LEAST ONE TRIAL; MAKE 2 APPLIC OF EACH TREATMENT EACH YEAR, 60 DAYS APART, WITH THE 1ST APPLIC AFTER AND WITHIN 7 DAYS OF CANE PLANTING; IN THE 2ND YEAR MAKE 1ST APPLIC AS A DORMANT APPLIC, ABOUT 2 WEEKS BEFORE EXPECTED PRIMOCANE EMERGENCE (SEE PROTOCOL FOR MORE APPLIC REQUIREMENTS); EVALUATE CROP INJURY AFTER EACH APPLIC EACH YEAR; CROP YIELD DATA ARE ONLY REQUIRED IN YEAR 2; NO WEED CONTROL DATA ARE REQUIRED

Comments: REQUEST IS TO REDUCE THE CURRENT LABELED USE RATE OF TERBACIL - RATES ARE TOO HIGH FOR NEW PLANTINGS; SINBAR 80WDG IS LABELED ON 1-YR-OLD OR OLDER CANEBERRIES AT 1-2 LB PRODUCT (0.8-1.6 LB AI)/A:08/13; MFG TO EXPLORE MAKING LABEL CHANGE AS NEEDED TO MEET THIS USE PATTERN, WHICH IS COVERED BY THE EXISTING TOLERANCE:07/14; IS NOT A MFG OBJECTIVE, AND MFG CHANGED STATUS TO POTENTIAL:07/20; PERFORMANCE PROTOCOL WAS SIGNED 1/3/24, SO THE CATEGORY HAS NOW BEEN CHANGED FROM POTENTIAL, E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY TO E/CS DATA ONGOING:02/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OHP02 Yadav, Ram
25-OHP03 Yadav, Ram

25-ARP01 Burgos, N.
25-NCP02 Mitchem, Wayne

25-ORP02 Moretti, Marcelo



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|--------------------------------|------------------|-----------------------------|
| P13709 | -NONE | + | BATTS | FLUROXYPYR (CORTEVA,LOVLND) | BLUEBERRY | BUSHBERRY SUBGROUP (13-07B) |

Reason for Need: Dogbane, horsetail, bindweed, buckwheat, common mallow, Difficult to control weeds in highbush blueberries fit nicely.:08/23; NJ/ Excellent crop tolerance based on trial conducted in NJ in 2021 and 2022. Alternative to reluctantly used 2,4-D and glyphosate:08/23

Use Pattern: (PCR): Use Starane Ultra product. Make one banded application along blueberry rows at 0.4 to 1.4 pt/a per year to control troublesome broadleaf and vine weeds. Do not apply to blueberries less than 4 years old. Do not apply during bloom. Do not apply within 14 days of harvest.

E/CS Data Requirements: Mfg requires 'only CS data are needed from major blueberry growing states such as Michigan

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING THE STARANE ULTRA PRODUCT AT 3 RATES (0.14, 0.245, 0.49 LB AI/A), AT MULTIPLE TIMINGS, AND WITH DIFFERENT PLACEMENT OF SPRAYS, ALL IN AT LEAST 8 GPA; SEE PROTOCOL FOR DETAILED APPLIC REQUIREMENTS; COMPARE VS A WEED-FREE UNTREATED; EACH TRIAL WILL LAST 2 YEARS, WITH THE TRTS APPLIED TO THE SAME PLOTS EACH YEAR; TRIALS SHOULD BE PLACED ON PLANTS THAT HAVE BEEN ESTABLISHED AT LEAST 4 YEARS; AND AT LEAST 1 TRIAL NEEDS TO BE PLACED ON Highbush BLUEBERRY GROWN ON A COARSE TEXTURE SOIL; EVALUATE CROP INJURY AND YIELD; NO APPLIC WILL BE MADE IN YEAR 3, BUT CROP RESPONSE DATA WILL BE COLLECTED; 2025 PERFORMANCE PROTOCOL IS FOR YEAR 2 OF 3 ON THE SAME PLOTS AS THE 2024 TRIALS

Comments: This new request is for spot spray or banded spray. Although PR# 08324 covers the spot spray, it has a Mfg Will Not Support status from 2002. This new request for both use patterns will be forwarded to the mfg for a current review:08/23; Mfg supports as "Potential, E/CS data before approval for Residue:08/23; Status changed to "ECS ongoing" and will be changed to "Residue ongoing, E/CS ongoing" once residue protocol is signed 02/24/DRS; this was initially a "Potential" status, so there will be no res protocol until mfg approves and project prioritized for residue:11/24/sb;

| <u>NER-EPA Region-FRD</u> | <u>NCR-EPA Region-FRD</u> | <u>SOR-EPA Region-FRD</u> | <u>WSR-EPA Region-FRD</u> | <u>CANADA-EPA Region-FRD</u> |
|---------------------------------|---------------------------------------|---------------------------|--------------------------------|------------------------------|
| 25-NJP01 Besancon, Thierry | 25-INP01 Meyers, Stephen L (NCR) | | 25-ORP01 Moretti, Marcelo | |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|-----------------------------|
| P13487 | -NONE | A | BATTS | TIAFENACIL (ISK) | BLUEBERRY | BUSHBERRY SUBGROUP (13-07B) |

Reason for Need: ITALIAN RYEGRASS, ANNUAL BLUEGRASS (DIURON RESISTANT); LIMITED NON-SELECTIVE POST HERBICIDES TO REPLACE PARAQUAT, OR EXPAND EFFICACY OF GLUFOSINATE;

Use Pattern: (PCR): GAMMA; 0.11 LB AI/A, POST EMERGENCE BASAL DIRECTED, 3 APPLICATIONS PER SEASON, RTI 30 DAYS, PHI 14 DAYS, APPLY GAMMA AS A BROADCAST APPLICATION TO THE BASE OF THE TRUNK TO CONTROL EMERGED AND ACTIVELY GROWING WEEDS DURING THE DORMANT STAGE OF THE CROP. DO NOT ALLOW GAMMA TO COME IN CONTACT WITH THE GREEN STEM TISSUE, DESIRABLE FRUIT, BLOOMS OR FOLIAGE; NEWLY PLANTED BUSH BERRIES SHOULD ONLY BE TREATED WITH SHIELDED SPRAYERS OR HOODED SPRAYERS

E/CS Data Requirements:

E/CS Research Comments: IN THE PERFORMANCE PROTOCOL FOR 2023 TRIALS: EVALUATING PERFORMANCE OF TIAFENACIL (GAMMA 70WG) ON Highbush BLUEBERRY PLANTS THAT HAVE BEEN ESTABLISHED FOR AT LEAST 2 YRS, AND AT LEAST ONE TRIAL SHOULD BE ON A COARSE TEXTURE SOIL; TESTING 3 APPLIC OF 0.67 AND 1.34 LB AI/A RATES VS 2 APPLIC OF A 0.112 LB AI/A RATE, IN 15-20 GPA, PLUS A METHYLATED SEED OIL [MSO] AT 1% V/V (SEE PROTOCOL FOR DETAILED APPLIC TIMINGS AND OTHER REQUIREMENTS); EVALUATE CROP INJURY, CROP YIELD AND WEED CONTROL; 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2023 PROTOCOL

Comments: Status changed from "Res ongoing, E/CS ongoing" to "All data received", E/CS work is still ongoing 01/25/ds; Residue & E/CS Ongoing updated to Final Rpt under Rev with QA, however E/CS IS STILL ONGOING in 2025:02/25/sb;

NER-EPA Region-FRD

25-NJP02 Besancon, Thierry

NCR-EPA Region-FRD

25-MIP03 Soldan, Nicole

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|----------------------|-----------------------------|
| P13888 | -NONE | + | BATTS | EPYRIFENACIL (VALENT) | BLUEBERRY (HIGHBUSH) | BUSHBERRY SUBGROUP (13-07B) |

Reason for Need: Annual grasses and broadleaf weeds, including bluegrass, horseweed, common lambsquarters, morningglory, Virginia pepperweed, common ragweed. Annual bluegrass (diuron and glyphosate resistant), horseweed (glyphosate and paraquat resistant), limited non-selective postemergence herbicides available for use in blueberry to replace paraquat, or complement the use of glufosinate; glufosinate and glyphosate may cause severe crop injury, especially to new canes required for maintaining crop yield potential:08/24/sb; NY-low dose herbicide to replace paraquat (worker safety concern):08/24/sb;

Use Pattern: (PCR): Make 3 applications of Rapidilicil at 5 fl oz/a plus adjuvant per year, 30 days apart, with the last application at least 14 days prior to harvest. Applications will be made along both sides and across the base of the crop. Do not allow spray to contact green stems, foliage, flowers or fruit. Valent supports a max of 2 applications with a 30 day retreatment interval during dormant and prior to bud break. Maximum annual use of 10 fl oz/A. Target use rate of 5 fl oz/A with a maximum per application use rate of 10 fl oz/A. Labeling will require tank mixture with another burndown herbicide for resistance management/product stewardship:08/24

E/CS Data Requirements:

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TESTING 3 TRTS WITH EPYRIFENACIL (S-3100 0.46EC) - 0.018 AND 0.036 LB AI/A + ADJUVANT (LABEL RATE OF CROP OIL CONCENTRATE OR METHYLATED SEED OIL) VS 0.018 LB AI/A + LABEL RATE OF GLYPHOSATE OR GLUFOSINATE; MAKE 2 POST-DIRECTED SPRAYS 30 DAYS APART, IN AT LEAST 15 GPA, TO THE BASE OF BLUEBERRY PLANTS, WITH THE 2ND APPLIC PRIOR TO BUD BREAK; SEE PROTOCOL FOR MORE DETAILS ABOUT EXACT PLACEMENT OF SPRAY SOLUTION; EVALUATE CROP INJURY, WEED CONTROL AND CROP YIELD

Comments: Key Exports: likely in Europe & Canada. Email from registrant indicated concern with systemic movement if suckers or other green tissue is exposed to spray. Early input from the registrant indicated only dormant uses in perennial crops:08/24/sb; Valent supports as Potential: E/CS Data Before Approval for Residue with use pattern noted:08/24/sb;

| <u>NER-EPA Region-FRD</u> | <u>NCR-EPA Region-FRD</u> | <u>SOR-EPA Region-FRD</u> | <u>WSR-EPA Region-FRD</u> | <u>CANADA-EPA Region-FRD</u> |
|---------------------------------|---------------------------------------|---------------------------|--------------------------------|------------------------------|
| 25-NJP04 Besancon, Thierry | 25-INP02 Meyers, Stephen L (NCR) | | 25-ORP10 Moretti, Marcelo | |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|----------------------|-----------------------------|
| P13825 | -NONE | A | MOORE,P | SPIDOXAMAT (BAYER) | BLUEBERRY (HIGHBUSH) | BUSHBERRY SUBGROUP (13-07B) |

Reason for Need: Aphids. Resistance management, new mode of action:06/24/sb; NC - Potential as a rotation tool for growers in NC:06/24/sb; MI - Aphids and their vectoring of shoestring virus is a significant concern for blueberry producers in MI. We also hope this product will have a broader spectrum of activity once tested on more blueberry pests:06/24/sb; FL-also need for Thrips, Scale, Mites:07/24/sb;

Use Pattern: (PCR): Chemigation at 0.09 – 0.18 lbs ai/ac into the root zone through low pressure drip, trickle, micro sprinkler or equivalent equipment or method that can deliver the AI into the active rootzone. Apply twice at an interval of 14 days and a PHI of 28 days. Bayer supports with a 7-day RTI:07/24/sb

E/CS Data Requirements: YES - TBD

E/CS Research Comments: Bayer indicated E/CS data is needed to support a CA registration:07/24/sb

Comments: Key export with Canada; Bayer supports as Researhabel, Residue & E/CS needed, with a 7-day RTI, with E/CS needed to support a CA registration:07/24/sb; EPA PENDING:08/24; AAFC25-004R res protocol signed and status updated from Researchable, Residue & E/CS Data Needed to Complete w/On-going Trials & will be updated to Res & E/CS ongoing once e/cs protoocl is signed:03/25/sb; Status changed to Res ongoing E/CS ongoing 04/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 25-CAP16 Zukoff, Sarah
- 25-CAP17 Nansen, Christian
- 25-CAP18 Nansen, Christian



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|----------------------|-----------------------------|
| P13682 | -NONE | A | BATTS | TOLPYRALATE (ISK) | BLUEBERRY (Highbush) | BUSHBERRY SUBGROUP (13-07B) |

Reason for Need: Pigweeds, lambsquarter, crabgrass, Italian ryegrass in tank-mixtures; Group 27 herbicides not commonly utilized in blueberry and in tank mixtures with other postemergence herbicides can improve weed control and help with resistance management:07/23

Use Pattern: (PCR): Make up to 3 banded applications at 1- 1.35 fl oz/A along blueberry rows per year, at least 14 days apart, with last application 30 days prior to first harvest. See Shieldex label for guidance on adjuvant type.

E/CS Data Requirements: "Previous Oregon trial (XH589) did not show phytotoxicity"

E/CS Research Comments: PER 2024 PERFORMANCE PROTOCOL: TESTING SHIELDDEX 400 AT 3 RATES (UNSHIELDED, 0.026, 0.035, AND 0.07 LB AI/A) VS THE 0.07 LB AI/A RATE USING A SHIELDED APPLIC, ON HIGHBUSH BLUEBERRY; MAKE ALL APPLIC BANDED OVER WEEDS ALONG BOTH SIDES OF THE ROWS, IN 10-50 GPA, WITH A METHYLATED SEED OIL (MSO); MAKE 2 APPLIC OF EACH TRT 30 DAYS APART, BEGINNING WHEN THE CROP IS FLOWERING; EVALUATE WEED CONTROL, BASAL SHOOT AND FOLIAR CROP SAFETY AND CROP YIELD; SEE PROTOCOL FOR MORE DETAILED INFO ON APPLIC PROCEDURES

Comments: DMP only XH589, from 8/9/22, converted to PR# 13682 based on new pcr rec'd:07/23/sb; status updated as Mfg supports as "Researchable, residue & E/CS data needed:08/23/sb; EPA Green, 12/23; Status changed to E"CS data ongoing" , awaiting residue protocol 02/24/DRS; Status changed to "Residue ongoing ECS ongoing" 03/24/DRS;

NER-EPA Region-FRD

25-NJP03 Besancon, Thierry

NCR-EPA Region-FRD

SOR-EPA Region-FRD

25-NCP03 Jennings, Katie

WSR-EPA Region-FRD

25-ORP05 Moretti, Marcelo

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------|------------------|--|
| P13905 | -NONE | + | PATEL | FLUAZINAM (ISK,SYNGEN) | GRAPE | SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT (13-07F) |

Reason for Need: Downy mildew of grapes. We have fungicide resistance that we have been observing in grapes to FRAC 40. We need new modes of action and Omega is labeled for downy mildew in other crops.:08/24; OH-Downy mildew is the most destructive disease of grapes in the Midwest and North eastern US. With the loss of Mancozeb proposed by EPA, and resistance to FRAC 40 fungicides we need alternative fungicides to control this disease:09/24;

Use Pattern: (PCR): Use Omega; 20 fl. oz/A; 1-2 foliar applications @ 14-day interval; PHI: 14-days. Use pattern must match the one in 12715/Grape:10/24/sb;

E/CS Data Requirements:

E/CS Research Comments:

Comments: This new request has a slightly different PHI and RTI than PR# 12715, so new PR# is being created:08/24/sb; ISK supports needing E/CS Data Only, with a 21 day PHI "only" (use pattern must match the one in 12715/Grape):08/24/sb; Upgraded from a "H" priority to an "H+" during the 2025 Pups & RUs process:10/24/sb;

NER-EPA Region-FRD

25-MDP03 Hu, Dr. Mengjun
25-MDP04 Hu, Dr. Mengjun

NCR-EPA Region-FRD

25-MIP07 Miles, Timothy

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------------|------------------|--|
| P13455 | -NONE | A | BATTS | GLUFOSINATE (BASF,UPL NA) | STRAWBERRY | LOW GROWING BERRY SUBGROUP (13-07G) |

Reason for Need: INCIDENCE OF GLYPHOSATE AND PARAQUAT RESISTANT RAGWEED PARTHENIUM IS RAPIDLY INCREASING IN STRAWBERRY FIELDS AND THERE ARE NO REGISTERED TOOLS AVAILABLE. GLUFOSINATE IS HIGHLY EFFECTIVE ON THIS SPECIES. ALSO, GREEN KYLLINGA IS A PROBLEMATIC WEED IN ROW MIDDLES WITH LIMITED MANAGEMENT OPTIONS AND GLUFOSINATE IS ALSO EFFECTIVE ON THIS SPECIES. THERE IS DATA INDICATING THAT GLUFOSINATE WORKS WELL IN STRAWBERRY AND IS SAFE FOR USE IN THIS CROP.

Use Pattern: (PCR): RELY AND OTHERS WITH THE SAME RATE AS THE CURRENT LABEL, FOLIAR APPLIED TO WEEDS IN ROW MIDDLES (AREAS BETWEEN RAISED BEDS COVERED IN PLASTIC MULCH) IN 2 APPLICATION WITH A RE-TREATMENT INTERVAL OF 14 DAYS. IN REGARDS TO PHI, THERE SHOULD BE NO APPLICATIONS DURING THE HARVEST PERIOD. APPLY WITH A SHIELDED APPLICATOR TO ROW MIDDLES WHEN WEEDS ARE LESS THAN 4 INCHES TALL. PER REQUESTER, THE LIMITATIONS ARE THAT THERE SHOULD BE NO APPLICATIONS AFTER HARVEST OPERATIONS HAVE BEGUN.

E/CS Data Requirements:

E/CS Research Comments: IN THE PERFORMANCE PROTOCOL FOR 2023 TRIALS: EVALUATING CROP SAFETY AND PERFORMANCE OF GLUFOSINATE FOR WEED CONTROL BETWEEN BEDS OF ANNUAL STRAWBERRIES GROWN IN PLASTIC MULCH; TESTING 2 RATES OF RELY 280 (0.59 AND 1.17 LB AI/A + 3 AND 6 LBS, RESPECTIVELY, OF AMMONIUM SULFATE [AMS]) COMPARED WITH A WEED-FREE UNTREATED; USING A HOODED/SHIELDED SPRAYER, MAKE 3 BANDED APPLIC OF EACH TREATMENT TO ROW MIDDLES IN >15 GPA, 14-DAY INTERVALS, WITH 1ST APPLIC AFTER TRANSPLANTED PLANTS ARE ESTABLISHED, AND LAST APPLIC BEFORE FRUIT FORMATION; MAKE APPLIC TO THE SOIL AND EMERGED WEEDS ON BOTH SIDES OF STRAWBERRY BEDS, MAKING SURE NOT TO CONTACT PLANTS; EVALUATE CROP SAFETY AND YIELD; WEED CONTROL DATA ARE NOT REQUIRED; 2024 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2023 PROTOCOL; 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2023/2024 PROTOCOL

Comments: EPA GREEN 08/22; email of 07/22 indicates BASF supports as "Researchable, Requires both Residue and E/CS Data:04/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP08 Daugovish, Oleg



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|----------------------------|-------------------------------------|
| P13716 | -NONE | A | PATEL | MEFENOXAM (SYNGEN) | STRAWBERRY (GH TRANSPLANT) | LOW GROWING BERRY SUBGROUP (13-07G) |

Reason for Need: Phytophthora root rot; Segovis is registered for non-bearing plants but there is no other product for Phytophthora registered for resistance management. Plantlets may originate from the field and Phytophthora is commonly encountered.

Use Pattern: (PCR): Use Subdue at 21.7 ml/1000 sq. ft; Drench application; 1 application; apply as a drench at planting/transplanting in greenhouse; PHI: 1 day; Per mfg, applications are not to be made in the field and that the "at transplant" refers to the planting of plantlets into pots while in the greenhouse; the plantlets would be planted into their final container, a drench applied, grown for several weeks in the greenhouse and then sold to consumers at retail:09/23

E/CS Data Requirements:

E/CS Research Comments: IN THE 2024 PERFORMANCE PROTOCOL: EVALUATING PRODUCT PERFORMANCE ON COMMERCIAL VARIETIES SUSCEPTIBLE TO PHYTOPHTHORA ROOT ROT ON GH TRANSPLANTS; TEST SUBDUE MAXX AT 21.7 ML OF PRODUCT/1000 SQ FT, APPLIED IN 1 DRENCH APPLIC AT PLANTING OR TRANSPLANTING, IN THE GREENHOUSE; ARTIFICIAL INOCULUM WILL BE INTRODUCED IN THE GH 2-3 DAYS AFTER APPLIC OF TRTS; COMPARE VS A LABELED STANDARD AND AN INOCULATED AND NON-INOCULATED CONTROL; EVALUATE DISEASE CONTROL AND CROP INJURY; THE 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2024 PROTOCOL

Comments: Mfg supports as "researchable, residue & e/cs data needed and applications are not to be made in the field and that the "at transplant" refers to the planting of plantlets into pots while in the greenhouse; the plantlets would be planted into their final container, a drench applied, grown for several weeks in the greenhouse and then sold to consumers at retail:09/23/sb; commodity changed from Strawberry (GH) to Strawberry (GH Transplant):09/23/sb; Possible ChemSAC(?):09/23/sb; EPA Green 12/23; this study will be covered by ChemSAC for residue so the status of Researchable, Residue & E/CS Data needed is being updated to "tolerance to be pursued with no data proposal/petition" and once the E/CS protocol is signed it can be updated to E/CS data ongoing:01/24/sb; Status updated to ECS ongoing 05/24/drs;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FLP02 Peres, N.A.



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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Print Date: 5/2/2025

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|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--|
| P12518 | -NONE | A | MOORE,P | FENAZAQUIN (GOWAN) | STRAWBERRY (GH) | LOW GROWING BERRY SUBGROUP (13-07G) |

Reason for Need: MITES, TSSM; MITES ARE A SIGNIFICANT PROBLEM; THIS IS ONE OF FEW MITICIDES WITH OVICIDAL ACTIVITY; DE/Mites are one of the most important greenhouse pests and can quickly over run strawberry:08/23; CA-Needed at various farms:08/24;

Use Pattern: (PCR): USE THE MAGISTER PRODUCT; MAKE 4-6 FOLIAR APPLIC, 7-10 DAY INTERVAL, 0-1 DAY PHI; RATE INDICATED "PER MFG"; IR-4 SUGGESTS ONLY 1 APPLIC OF 0.45 LB AI/A, 1-DAY PHI; Gowan supports the following: Apply Magus once as a foliar spray at a max of 0.48 lbs ai/A/cropping with a 1 day PHI - This is the same use pattern for strawberry in Magister:09/26/sb

E/CS Data Requirements: Gowan confirmed there is no need for efficacy work but only CS data are needed for 1 trial:09/24/sb

E/CS Research Comments: MFG REQUIRES CROP SAFETY DATA:08/18

Comments: MFG SUPPORTS; RESIDUE AND CROP SAFETY DATA NEEDED:08/18; EPA GREEN:09/18; NON GH USE IS REGISTERED:06/19; EPA GREEN:09/19 & 08/20, 08/21, 08/22, 08/23; at Gowan Mtg, update support from Researchable, residue & E/CS data needed to Researchable, needs residue only:05/24/sb; EPA CAUTION:08/24; in 08/24, Gowan updated the status from Researchable, needs Res Only, to Researchable, Res & E/CS Data Needed:09/24/sb; status of Researchable Res & E/CS data needed updated to Complete w/on-going trials. Once the performance protocol is signed it will be updated accordingly:02/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FLP04 Lahiri, Sriyanka



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------|------------------|------------------------|
| P9095 | -NONE | A | PATEL | FLUAZINAM (ISK,SYNGEN) | ALMOND | TREE NUT GROUP (14-12) |

Reason for Need: ALTERNARIA

Use Pattern: (PCR): 0.5 LB.AI (16 FL.OZ PRODUCT)/A; AIR-BLAST CANOPY APPLIC (100 GAL/A); 2 APPLIC; 14-28 DAY RE-TREATMENT INTERVALS; 30-DAY PHI (60 DAY ACCEPTABLE); APPLY 1-2 APPLIC IN ROTATION WITH FUNGICIDE WITH DIFFERENT MODE OF ACTION IN MAY AND JUNE (IDEALLY BASED ON INFECTION PERIODS AS DESCRIBED BY THE DSV MODEL); MAX 2 APPLIC/SEASON

E/CS Data Requirements: YES - TBD

E/CS Research Comments:

Comments: MFG WILL NOT SUPPORT:06/11; ISK gave support at the 2024 workshop for Researchable, Residue & E/CS Data Needed:09/24/sb; project added during the 2024 workshop:09/24/sb; EPA Caution:01/25/sb; Status updated to E/CS ongoing 04/25/ds; Status updated to residue ongoing E/CS ongoing 04/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

| | |
|----------|----------------------|
| 25-CAP26 | Adaskaveg, Dr. James |
| 25-CAP27 | Adaskaveg, Dr. James |
| 25-CAP28 | Adaskaveg, Dr. James |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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Print Date: 5/2/2025

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|-------------|------------|-----------------|-----------------------|--|--------------------|------------------------|
| P13880 | -NONE | + | BATTS | PROHEXADIONE CALCIUM (BASF,FINEAMA) | HAZELNUT (FILBERT) | TREE NUT GROUP (14-12) |

Reason for Need: Plant growth regulator (giberrellin inhibitor) to help reduce plant vigor, keep trees small. Concentrate internodes for high density hazelnut production. Optimize hazelnut production with smaller trees that are more easily managed (smaller canopies can reduce use and drift of other pesticides), reduced costs for pruning, hedging and temporary tree removal. Potentially reduce disease, especially eastern filbert blight. We do not have access to dwarfing rootstocks in hazelnut production.

Use Pattern: (PCR): Using the Apogee or Kudos product, make up to four foliar applications per season to hazelnuts for vegetative growth management. Rates will vary, ranging from 2 to 36 fl oz/a, based on several factors, including application timing, canopy volume, fruit load, etc. Refer to labeled uses in apple, pear and cherry for additional guidance

E/CS Data Requirements:

E/CS Research Comments:

Comments: Key Export: Asia, EU; BASF does not support this project and suggested Fine America Inc might:09/24/sb; New PCR forwarded to Fine America for review and will update status if they support:09/24/sb; Fine Americas will support this project as Potential: E/CS Data Before Approval for Residue:09/24/sb; due to the earlier status change, this priority was upgraded from a "B" to an "H+" during the 2025 Pups & RUs process:10/24/sb; Status changed from Potential to E/CS ongoing 03/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ORP05 Wiman, Nik
 25-ORP06 Wiman, Nik
 25-ORP07 Wiman, Nik



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Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|--------------------|------------------------|
| P13679 | -NONE | A | BATTS | TOLPYRALATE (ISK) | HAZELNUT (FILBERT) | TREE NUT GROUP (14-12) |

Reason for Need: Pigweeds, lambsquarter, crabgrass, Italian ryegrass in tank-mixtures; Group 27 herbicides not commonly utilized in tree nut and in tank mixtures with other postemergence herbicides can improve weed control and help with resistance management:07/23; NY/Hazelnuts are an emerging industry in the Northeastern US. Novel weed control tools are needed to support a crop that is trying to become established, nationally:09/23

Use Pattern: (PCR): Make up to 3 directed applications per season to soil and across lower trunks, at least 14 days apart, with last application 30 days before harvest. Follow current Shieldex label for adjuvant type.

E/CS Data Requirements: ISK recommended an additional (3rd) trial is needed:10/24/sb

E/CS Research Comments: PER 2024 PERFORMANCE PROTOCOL: ON PLANTS THAT ARE ESTABLISHED FOR AT LEAST 2 YEARS, TESTING SHIELDDEX 400 AT 3 RATES (TWO APPLIC [WITH THE FIRST WHEN SUCKERS ARE 3-4" TALL], 14-DAY INTERVAL, UNSHIELDED, 0.026, 0.035, AND 0.07 LB AI/A) VS THE COMBO SHIELDDEX + TIAFENACIL, VS TIAFENACIL ALONE, VS ONE APPLIC OF THE 0.035 LB AI/A RATE OF SHIELDDEX WHEN SUCKERS ARE 6-8" TALL; MAKE ALL APPLIC BANDED OVER WEEDS ALONG BOTH SIDES OF THE ROWS, IN 10-50 GPA, WITH A METHYLATED SEED OIL (MSO); EVALUATE WEED CONTROL, CROP SAFETY AND CROP YIELD; SEE PROTOCOL FOR MORE DETAILED INFO ON APPLIC PROCEDURES; 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2024 PROTOCOL

Comments: DMP only XH574, from 6/30/21, converted to PR# 13679 based on new pcr rec'd:07/23/sb; status updated as Mfg supports as "Researchable, only residue data needed:08/23/sb; Mfg updated status at 2023 FUW, from Researchable, only residue data needed, to Researchable, Residue & E/CS Data Needed:09/23/sb; EPA Green 12/23; Changed from "Researchable, Residue & E/CS Data Needed" to "E/CS ongoing" until residue protocol is signed 03/24/DRS; Status changed to "Res ongoing ECS ongoing" 04/24/DRS;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ORP04 Moretti, Marcelo



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|-------------|------------|-----------------|-----------------------|-----------------------|------------------|------------------------|
| P13664 | -NONE | A | PATEL | FLUTRIAFOL (FMC) | PISTACHIO | TREE NUT GROUP (14-12) |

Reason for Need: Cotton Root Rot (Phymatotricopsis omnivora); No labelled product for pistachio:07/23; CA - Disease is rarely seen in California but is a problem in Arizona. In CA, would provide help for the impacted growers; effect against Botryosphaeria panicle and shoot blight; effect against Alternaria late blight of pistachio:08/23

Use Pattern: (PCR): Soil Drench: To be made after the tree is planted. When Rhyme™ fungicide is applied as a soil drench, the application should be made from 2-3 feet around the base of the tree at concentrations not to exceed 7 fl oz/acre per application. The amount of fungicide to use per tree is based on tree and row spacing. AND/OR Drip or Micro-chemigation: Rhyme™ fungicide may be applied through drip or micro chemigation systems where irrigation water configures around the trunk and root zone; # of applications: 4; RTI: 7; PHI: 14; maximum applications/year: 4; maximum product/year: 28 fl. oz/A

E/CS Data Requirements:

E/CS Research Comments: PER 2024 PERFORMANCE PROTOCOL: TESTING FLUTRIAFOL FOR CONTROL OF COTTON ROOT ROT IN PISTACHIO; COMPARE FLUTRIAFOL WITH A LABELED STANDARD; MAKE 4 APPLIC OF 207 ML/A, MONTHLY INTERVAL, WITH LAST APPLIC 14 DAYS BEFORE HARVEST; APPLIC SHOULD BE MADE AS A SOIL DRENCH 2-3 FT AROUND THE BASE OF TREES; EVALUATE EFFICACY AND COLLECT DATA ON CROP INJURY

Comments: Mfg supported at the 2023 FUW as Researchable, Residue & E/CS Data Needed. Mfg does have concern with mrls for export:09/23/sb; EPA Green 12/23; Status updated to "complete w ongoing trials" and will become "res ongoing, ECS ongoing" when performance protocol is signed 04/24/DRS; both MOR & E/CS protocols signed, status updated to Residue on-going; e/cs data on-going:06/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-AZP02 Hu, Alex



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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|-------------|------------|-----------------|-----------------------|-------------------------------------|-------------------------|--------------------------------|
| P12798 | -NONE | A | MOORE,P | ISOCYCLOSERAM (ISM-555) (SYNGEN) | CORN (SWEET) (SEED TRT) | CORN (SWEET) SUBGROUP (15-22D) |

Reason 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

Use Pattern: (PCR): NO USE PATTERN DETAILS PROVIDED (ALL TBD); HQ suggests applying isocycloseram as a seed treatment at 10 g ai/100 kg seed. Samples should also be treated with a fungicide base such as, but not limited to, FarMore 300F:10/24/sb;

E/CS Data Requirements: YES - TBD; MFG NEEDS IN-FURROW EFFICACY DATA:09/19

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: EVALUATING EFFICACY AND CROP SAFETY WITH APPLIC OF ISOCYCLOSERAM (PLINAZOLIN TECHNOLOGY) AS A SEED TREATMENT ON SWEET CORN FOR CONTROL OF SEEDCORN MAGGOT; TEST 2 SEED TREATMENT RATES OF ISOCYCLOSERAM (0.1 AND 0.2 MG AI/SEED), VS THE STANDARD SEED TREATMENT OF THIAMETHOXAM; EVALUATE PLANT STAND AND SEEDCORN MAGGOT CONTROL AND ANY INSECTICIDE TREATMENT-INDUCED CROP INJURY

Comments: NO KEY EXPORT MARKET NOTED: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; SYNGENTA MADE SUBMISSION TO EPA; MFG SUBMISSION TO EPA CHANGED TO RESEARCHABLE, RESIDUE & E/CS DATA NEEDED:09/23/sb; EPA PENDING:08/24; Syngenta confirms they support seed trt applicatons and they will provide the treated seeds:10/24/sb; to be more specific, commodity updated from Corn (Sweet) to Corn (Sweet)(Seed Trt), at the NRPM:10/24/sb; expected to consider ChemSac and can then remove as WSPRY:01/25; Status changed from "Researchable, Residue and E/CS" to "E/CS ongoing" 03/25/ds; Syngenta has advised they would now like results of E/CS "before" the 2025 residue is conducted, and then tol may be persued via ChemSAC or another rationale:03/25/sb;

NER-EPA Region-FRD

25-DEP01 Owens, David
25-MDP02 Yurchak, Veronica

NCR-EPA Region-FRD

25-OHP04 Leach, Ashley

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|--------------------|----------------------------------|
| P13718 | -NONE | A | MOORE,P | INDOXACARB (FMC) | CLOVER (SEED CROP) | NONGRASS ANIMAL FEEDS GROUP (18) |

Reason for Need: clover seed weevil; Insecticide resistance and field-level control failures are common in white clover seed, which has been controlled with bifenthrin. The other alternative, malathion, has substantive bee safety concerns and resistance development concerns:08/23

Use Pattern: (PCR): Apply Steward as a broadcast foliar spray at 11.3 fl oz product/ac, 1 application in pre-bloom, 30 day PHI

E/CS Data Requirements:

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING STEWARD EC VS MALATHION FOR CONTROL OF CLOVER SEED WEEVIL IN WHITE CLOVER (SEED CROP); MAKE ONE BROADCAST APPLIC OF 11.3 FL OZ PRODUCT/A, IN AT LEAST 15 GPA, IN PRE-BLOOM AT FIRST LARVAL DETECTION (APPLY AT NIGHT TO AVOID CONTACT WITH ACTIVE POLLINATORS); EVALUATE EFFICACY, CROP YIELD AND PHYTOTOXICITY; THE 2025 PERFROMANCE PROTOCOL FOLLOWS THE SAME DETAILS AS THE 2024 PROTOCOL

Comments: Mfg supported at the 2023 FUW as Researchable, Residue & E/CS Data Needed:09/23/sb; EPA Green 12/23; Changed from "Researchable, Residue & E/CS Data Needed" to "ECS ongoing" until residue protocol is signed 03/24/DRS; Status changed to Res ongoing ECS ongoing 03/24/DRS;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ORP11 Kaur, Navneet
25-ORP12 Kaur, Navneet



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---|------------------------------|-------------------------|
| P13631 | -NONE | A | BATTS | S-METOLACHLOR/METOLAC HLOR (SYNGEN,UPL NA) | CARINATA (BRASSICA CARINATA) | RAPESEED SUBGROUP (20A) |

Reason for Need: Winter Weeds; Carinata acreage is doubling yearly, and there are no effective preemergence herbicides registered for this crop. There is data on safety and efficacy that indicates s-metolachlor is a good herbicide option for this crop 05/23;

Use Pattern: (PCR): Use Dual Magnum and conduct 1 pre-emergent soil application at 0.95 to 1.3 lbs ai/acre. Within rate ranges, use the lower rate on soils relatively coarse-textured or low in organic matter; use the higher rate on soils relatively fine textured or high in organic matter. Within two days of application 0.5 to 1.0 inch of irrigation or rainfall are needed incorporate and activate the herbicide. PHI not defined.

E/CS Data Requirements:

E/CS Research Comments: PER THE 2024 PERFORMANCE PROTOCOL: TESTING 5 RATES OF DUAL MAGNUM APPLIED PRE-EMERGENCE BROADCAST (ONE APPLIC OF 0.625, 1.25, 1.875, 2.5 AND 5.0 LB AI/A) AFTER SEEDING BUT PRIOR TO WEED OR CROP EMERGENCE, COMPARED WITH 4 RATES APPLIED EARLY POSTEMERGENCE (ONE APPLIC OF 0.625, 1.25, 1.875 AND 2.5 LB AI/A) WHEN CARINATA IS IN THE 3-6 LEAF STAGE, ALL IN AT LEAST 10 GPA; IN ORDER TO ACTIVATE THE HERBICIDE, AT LEAST 0.5 INCH OF WATER (RAIN AND/OR IRRIGATION) IS NEEDED WITHIN 2 DAYS AFTER APPLIC; EVALUATE CROP INJURY, WEED CONTROL AND CROP YIELD

Comments: X-ref with pr# 10971, but treat this as a new request (not a similar supporting request):05/23/sb; the MFG supports this request for the commercial product Dual Magnum and requires a letter of support from COI/CRO:5/23/sb; Syngenta supports this request as "Researchable, residue & e/cs data needed:06/23/sb; EPA GREEN: 08/23; the performance protocol was signed 1/3/24, so I have now updated the status to E/CS Data Ongoing. This will be updated to Res & E/CS ongoing once the residue protocol is signed:02/24/sb; Status updated to res ongoing ecs ongoing 09/24/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-NCP01 Leon, Ramon G



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------|
| P13459 | -NONE | A | MOORE,P | AFIDOPYROPEN (BASF) | SAFFLOWER | SUNFLOWER SUBGROUP (20B) |

Reason for Need: LYGUS HESPERUS; CALIFORNIA SAFFLOWER GROWERS NEED THE ABILITY TO MANAGE LYGUS IN AN AREA WIDE IPM PROGRAM THAT INCLUDES SURROUNDING HIGH VALUE CROPS SUCH AS COTTON AND TOMATOES

Use Pattern: (PCR): 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; BASF RECOMMENDS A PHI OF 7 DAYS:09/22

E/CS Data Requirements: 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. Per BASF, efficacy data complete but 1-2 more phyto trials in CA like conditions are still needed:11/24/sb;

E/CS Research Comments: IN 2023 PERFORMANCE PROTOCOL: TESTING WESTERN TARNISHED PLANT BUG CONTROL (AND OTHER PESTS IF THEY OCCUR) WITH AFIDOPYROPEN (SEFINA INSCALIS INSECTICIDE) ALONE AT 28 FL OZ/A, VS A COMBINATION OF SEVINA WITH NOVALURON (SEVINA AT 10 AND 14 FL OZ/A + 12 OZ OF NOVALURON), VS FLONICAMID + NOVALURON; ALSO INCLUDED IS A COMPARISON WITH ISOCYCLOSERAM (PLINAZOLIN SC400 - PR# 13496) AT 2.06 FL OZ/A; WITH ALL TRMETS EXCEPT SEFINA ALONE, INCLUDE A LABEL RATE OF A NON-IONIC ADJUVANT; MAKE 2 APPLIC OF EACH TRMT, 7-DAY INTERVAL, WITH FIRST APPLIC IN MID-TO-LATE MAY WHEN PESTS FIRST APPEAR; EVALUATE PEST CONTROL VIA SWEEP NET SAMPLING, AND CROP INJURY; 2024 PERFORMANCE PROTOCOL FOLLOWS 2023 PROTOCOL DETAILS; 2025 PROTOCOL SIMILAR TO OTHER YEARS

Comments: BASF SUGGESTS TO CONDUCT TRIALS ON SUNFLOWER AS IT IS THE REP CROP FOR OILSEEDS SUB-GROUP 20B; PLEASE SEE PR# 13537, IT WAS CREATED TO USE SUNFLOWER AS THE CROP TO GET THE ENTIRE CROP GROUP WHICH INCLUDES SAFFLOWER:10/22; E/CS WORK FOR P#13496 IS BEING CAPTURED WITHIN THIS STUDY:12/22

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP15 Clark, Nicholas



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|--------------------------|
| P13892 | -NONE | + | BATTS | EPYRIFENACIL (VALENT) | SAFFLOWER | SUNFLOWER SUBGROUP (20B) |

Reason for Need: Winter and spring annual weeds. This product is needed as an pre-plant burn down application to control winter and spring annual weeds in safflower production:08/24;

Use Pattern: (PCR): Make two preplant burndown applications of Rapidical at 5 fl oz/a plus adjuvant, approximately 30 days apart with the second application 14 day before seeding safflower. Valent supports a max of 2 applications with a 14 day retreatment interval with applications made prior to planting safflower. Maximum annual use of 10 fl oz/A. Target use rate of 5 fl oz/A with a maximum per application use rate of 10 fl oz/A. Labeling will require tank mixture with another burndown herbicide for resistance management/product stewardship:08/24/sb

E/CS Data Requirements:

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TESTING 6 TRTS WITH EPYRIFENACIL (S-3100 0.46EC) - 0.018 AND 0.036 LB AI/A + ADJUVANT (LABEL RATE OF CROP OIL CONCENTRATE OR METHYLATED SEED OIL), WITH EACH RATE APPLIED BROADCAST TO THE SOIL IN PREFORMED BEDS AT 30, 14 AND 1 DAY BEFORE SEEDING; APPLY IN AT LEAST 15 GPA; EVALUATE CROP INJURY AND WEED CONTROL

Comments: Key Export Market: SE Asia:08/24; Valent supports as Potential: E/CS Data Before Approval for Residue, with the use pattern noted:08/24/sb; E/CS ongoing 12/24/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

| | |
|----------|-----------------|
| 25-CAP01 | Clark, Nicholas |
| 25-CAP02 | Clark, Nicholas |
| 25-CAP03 | Clark, Nicholas |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---|------------------|--|
| P13493 | -NONE | + | PATEL | FLUXAPYROXAD + PYRACLOSTROBIN (BASF) | ASPARAGUS (FERN) | STALK AND STEM VEGETABLE SUBGROUP (22A) |

Reason for Need: STEMPHYLIUM VESICARIUM; CURRENTLY REGISTERED PRODUCTS INCLUDE PROTECTANTS AND STROBILURINS. NEW, MORE EFFECTIVE ACTIVES ARE NEEDED; CA: CA growers have problems with Stemphylium on spears during harvest if weather is rainy. The pathogen reproduces and carries over the fall/winter on infected fern. Controlling the disease during the fern phase is critical to preventing problems during harvest, when nothing can be sprayed:01/25; NJ: Very similar to CA, Stemphylium causes spears to be unmarketable due to appearance. If disease is not controlled in fern stage, yields are greatly reduced in the following harvest season:01/25; DE: there are not many products available for purple spot on asparagus and rotational products are important for disease. our current products are not as good as they once were:01/25;

Use Pattern: (PCR): MERIVON SC; DOSAGE-11 FL OZ/A; FOLIAR APPLICATION, 5 APPLICATIONS, RTI 14 DAYS, PHI 7 MONTHS

E/CS Data Requirements:

E/CS Research Comments: PR# 13489 (MIRAVIS PRIME [PYDIFLUMETOFEN + FLUDIOXONIL]) E/CS WORK IS COVERED UNDER THIS PROJECT; PER 2023 PERFORMANCE PROTOCOL: TESTING MERIVON XEMIUM (FLUXAPYROXAD 21.26% + PYRACLOSTROBIN 21.26%) AND MIRAVIS PRIME (PYDIFLUMETOFEN 12.8% + FLUDIOXONIL 21.4%) FOR PURPLE SPOT CONTROL ON ASPARAGUS FERNS; MAKE 3 FOLIAR APPLIC OF MERIVON XEMIUM TREATMENTS (2 RATES, WITH/WITHOUT NIS, 7-DAY INTERVAL) VS 2 APPLIC OF MIRAVIS PRIME + NIS (14-DAY INTERVAL), ALL IN 20-60 GPA; COMPARE VS A CHLOROTHALONIL STANDARD; BEGIN SPRAYS WHEN WEATHER IS FAVORABLE FOR INFECTION OR AT FIRST SIGNS OF DISEASE; EVALUATE EFFICACY AND CROP SAFETY; SEE PROTOCOL FOR MUCH MORE TREATMENT DETAIL; IN 2025 PROTOCOL, TESTING MERIVON WITH ADDITIVE VS 2X RATE OF MERIVON WITH/WITHOUT ADDITIVE VS MERIVON + A LABELED STANDARD; OTHER DETAILS SIMILAR TO THE 2023 PROTOCOL

Comments: ORIGINALLY, POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE, CHANGED TO E/CS DATA ONGOING: 03/23, JPB; THE PERFORMANCE PROTOCOL FOR THIS PR# IS ASSOCIATED WITH PR# 13489 RESULTS FROM TEH PROTOCOL WILL BE POSTED TO BOTH PR#'S: 03/23, JPB; YELLOW 08/23; Two Performance trials completed 2023, awaiting decisions for moving forward with Residue studies from MFG.: 01/24, JPB;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP12 Aegerter, Brenna



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|--|------------------|---|
| P13828 | -NONE | + | BATTS | 1-AMINOCYCLOPROPANE-1-CARBOXYLIC ACID (ACC) (VALBIO) | OLIVE | TROPICAL AND SUBTROPICAL, SMALL FRUIT, EDIBLE PEEL SUBGROUP (23A) |

Reason for Need: Fruit loosening prior to harvest to improve fruit removal with mechanical harvesters. This product has great potential as a fruit loosening agent to improve mechanical harvest efficiency of table olives. With challenges finding labor to hand-harvest table olives, the ability to mechanically harvest would be incredibly impactful for the industry. The California Olive Committee (COC) has listed this as a top priority for the industry and has funded efficacy research in 2023 and 2024; CA-Currently, the best promising fruit loosening agent to improve mechanical harvest as indicated from our cellular, molecular, physiological and field studies:07/24; CA-The challenges for hand harvesting crops has become prohibitive. And in order to survive we must mechanically harvest our crop:07/24;

Use Pattern: (PCR): Make one foliar application of Accede, approximately 7 days prior to harvest, at 1500 ppm of active ingredient in at least 100 gallons of water per acre. Follow other general application instructions on the Accede label.

E/CS Data Requirements:

E/CS Research Comments:

Comments: Key Export Markets: Canada, Japan, Mexico; ACC is exempt from tolerance in apples and stone fruits, per federal register. No crop injury seen in previous apricot and pear IS project for fruit thinning, but those sprays were not close to harvest. Supporting data for this request made no mention of crop injury. Supporting data indicates that ACC does help 'loosen' the fruit, which helps increase mechanical harvest efficiency:07/24/sb; EPA CAUTION:08/24; 2024 workshop status update from Under Eval to Potential: E/CS Data Before Approval for Residue:09/24/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

| | |
|---------|----------------------|
| 25-CA38 | Wheeler-Dykes, Becky |
| 25-CA39 | Wheeler-Dykes, Becky |
| 25-CA40 | Wheeler-Dykes, Becky |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|---|
| P13735 | -NONE | A | MOORE,P | FENPYROXIMATE (NAI) | FIG | TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B) |

Reason for Need: Fig mite, Industry currently lacks effective miticides to combat this pest:08/23

Use Pattern: (PCR): As advised by the MFG. PHI equal or lower than 7 days. HQ suggests using Portal at 2 pints/A as a foliar spray, no more than 1 application per year, 14 days-PHI:08/24/sb

E/CS Data Requirements: YES - TBD

E/CS Research Comments:

Comments: Mfg supports as "Researchable, Residue and E/CS data needed":08/23/sb; EPA GREEN:08/24; Status updated to "Residue ongoing ECS ongoing" 03/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP20 Mokwunye, Idongesit



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---|------------------|---|
| P13771 | -NONE | A | PATEL | DIFENOCONAZOLE + AZOXYSTROBIN (SYNGEN) | AVOCADO | TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B) |

Reason for Need: anthracnose; Limits on copper use and limited alternatives, needed for resistance management

Use Pattern: (PCR): Apply Quadris Top as a foliar spray up to 4 times at 12-14 fl oz/A every 7-10 days; PHI = 0 days

E/CS Data Requirements:

E/CS Research Comments: IN THE 2024 PERFORMANCE PROTOCOL: TESTING THE QUADRIS TOP PRODUCT (1.05 LB AI DIFENOCONAZOLE AND 1.67 LB AI AZOXYSTROBIN/GAL) VS A LABELED STANDARD FOR ANTHRACNOSE CONTROL AND CROP SAFETY DATA; MAKE 4 FOLIAR DIRECTED APPLIC OF 415 ML PRODUCT/A IN 80-200 GPA AT 10-DAY INTERVALS, 0-DAY PHI; PLOTS SHOULD BE INOCULATED WITHIN 2 DAYS OF FUNGICIDE APPLIC IF NATURAL INOCULUM IS NOT PRESENT; ALL APPLIC SHALL INCLUDE A LABELED RATE OF AN ADJUVANT; EVALUATE FOLIAR DISEASE SEVERITY, FRUIT DISEASE INCIDENCE AND SEVERITY AND FRUIT AND FOLIAGE INJURY

Comments: Mfg supports as "Potential: E/CS Data Before Approval for Residue:08/23; EPA Hold Caution at 2023 FUW:09/23/sb; Syngenta will now support for Res & E/CS concurrently, so the category has been updated from Potential: E/CS Data before Approval For Res, to Researchable, Residue & E/CS Data Needed, and IR-4 has approved both Res & E/CS to move forward in 2024, and the Priority has been changed from H to A:02/24/sb; Status changed from "Researchable, Residue & E/CS Data Needed" to "complete w ongoing trials" 05/24/drs; Status updated to "res ongoing, ecs ongoing" 06/24/drs;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FLP09 Gazis, Dr. Romina



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|--|------------------|---|
| P13074 | -NONE | + | PATEL | TRIFLOXYSTROBIN + FLUOPYRAM (BAYER) | AVOCADO | TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B) |

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

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

E/CS Data Requirements:

E/CS Research Comments:

Comments: IS LIKELY AN EXPORT COMMODITY, BUT NO KEY EXPORT MARKET NOTED; THERE IS NO TOLERANCE FOR EITHER AI ON AVOCADO; OTHER IR-4 STUDIES WITH ONE OR BOTH AIs MAY PROVIDE SOME USEFUL DATA RELATED TO THIS REQUEST, IF THE USE PATTERNS MATCH SUFFICIENTLY AND THE TARGETED AVOCADO DISEASES ARE CONTROLLED:06/20; MFG SUPPORTS, RESIDUE AND E/CS:09/20; EPA GREEN(BOTH):08/21, 08/22; LAST STATUS CHANGE: 09/22; Status changed from "Potential, E/CS before Residue" to "E/CS ongoing" 03/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FLP06 Gazis, Dr. Romina

25-CAP22 Adaskaveg, Dr. James
25-CAP23 Mauk, Peggy A



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-------------------------------|------------------|---|
| P13222 | -NONE | + | PATEL | FLUAZAINDOLIZINE (CORTEVA) | BANANA | TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B) |

Reason for Need: PLANT PARASITIC NEMATODES RADOPHOLUS SIMILIS, PRATYLENCHUS COFFEEAE, HELICOTYLENCHUS MULTICINCTUS, MELOIDOGYNE INCOGNITA, ROTYLENCHULUS RENIFORMIS; LACK OF AVAILABLE PRODUCTS FOR NEMATODE MANAGEMENT

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

E/CS Data Requirements: Corteva is looking for another year of efficacy data in 2024:08/23

E/CS Research Comments: IN THE 2022 PERFORMANCE PROTOCOL: TESTING 3 RATES OF THE SALIBRO PRODUCT (15.4, 30.7, 61.4 FL OZ/A), ALSO KNOWN AS REKLEMEL™ SC, FOR NEMATODE CONTROL ON BANANA VARIETIES SUSCEPTIBLE TO NEMATODES, COMPARED WITH A VYDATE STANDARD; APPLY REKLEMEL TO THE SOIL AROUND REPLANTED DAUGHTER STEMS AT PLANTING AND AGAIN 4-8 WEEKS AFTER PLANTING OR IN SYNCHRONY WITH ROOT GROWTH AND THE PRECIPITATION SEASON; EVALUATE EFFICACY AND CROP INJURY; YIELD DATA ARE OPTIONAL; IN THE 2024 AND 2025 PERFORMANCE PROTOCOLS: TESTING 2 RATES OF SALIBRO (30.7, 61.4 FL OZ/A), APPLIED AS IN THE 2022 PROTOCOL, BUT WITH THE 2ND APPLIC 4-6 WKS AFTER THE 1ST, OR IN SYNCHRONY WITH ROOT GROWTH AND THE PRECIPITATION SEASON; EVALUATE EFFICACY AND CROP INJURY, AND YIELD DATA ARE OPTIONAL

Comments: Mfg supports as "Potential: E/CS Data Before Approval for Residue Study". STATUS UPDATED TO RESEARCHABLE, E/CS ON-GOING; RESIDUE DATA NEEDED:10/22; Status updated to "E/CS Data on-going" based on 2022 E/CS signed protocol:10/23/sb; Status changed from "ECS ongoing" to "Under Eval" for visibility during nominations 08/24/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-PRP04 Robles Vazquez, W.



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|---|
| P11088 | -NONE | + | BATTS | INDAZIFLAM (BAYER) | BANANA | TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B) |

Reason for Need: GRASS AND BROADLEAF WEEDS

Use Pattern: (PCR): 0.089 LB AI/A; 1 BROADCAST SOIL APPLIC; 14-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: FOR TWO CROP CYCLES, WITH TREATMENTS APPLIED TO THE SAME PLOTS BOTH YEARS, TESTING 1X AND 2X RATES OF ALION PRODUCT, APPLIED IN BANDED APPLIC TO THE ORCHARD FLOOR, IN AT LEAST 10 GPA; APPLIC RATES TO BE BASED ON SOIL AND ORGANIC MATTER AT TRIAL SITES, PER REQUIREMENTS ON THE ALION LABEL; SEE PROTOCOL FOR MUCH MORE APPLIC REQUIREMENTS; EVALUATE CROP INJURY AND WEED CONTROL (CROP YIELD IS OPTIONAL)

Comments: MFG WILL NOT SUPPORT:09/12; BLUEBERRY (11412) EPA SUBMISSION TO INCLUDE USES ON FRUIT, CROP GROUPS 23 & 24 (BASED ON A CHEMSAC DECISION) PR#S 12378 & 12379, OF WHICH THIS PR# WILL ALSO BE COVERED BY:05/18; TOLERANCE ESTABLISHED:10/19; LAST STATUS CHANGE: 06/22; 2024 workshop status update from Use Registered to Tol Est; Need E/CS Data to Add Crop/Pest to Label:09/24/sb; E/CS data ongoing 12/24/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 25-PRP01 Robles Vazquez, W.
- 25-PRP02 Robles Vazquez, W.
- 25-PRP03 Robles Vazquez, W.



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------------------|------------------|---|
| P13331 | -None | + | BATTS | FLORPYRAUXIFEN-BENZYL (CORTEVA) | POMEGRANATE | TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B) |

Reason for Need: BROADLEAF WEEDS AND SEDGES; FEW REGISTERED HERBICIDES, CHALLENGES WITH GLYPHOSATE RESISTANT WEEDS

Use Pattern: (PCR): RINSKOR, 0.026 TO 0.053 LB AI/A; POST EMERGENCE TO WEEDS, 3 APPLICATIONS, RETREATMENT INTREVAL OF 30 DAYS; BANDED APPLICATION DIRECTED TO THE BASE OF TREES; 3 APPLICATIONS WITH A RE-TREATMENT INTERVAL OF 30 DAYS; MINIMIZE TREATMENT TO CROP FOLIAGE - SUCKER DAMAGE POSSIBLE;

E/CS Data Requirements: Need 2 years of satisfactory data from at least two sites and at least 2X rate: 6/23 JPB;

E/CS Research Comments: PER 2024 PERFORMANCE PROTOCOL: TRIAL(S) BEING CONDUCTED WILL BE FOR 2 YEARS, WITH APPLIC MADE TO THE SAME PLOTS EACH YEAR; MAKE 3 APPLIC OF EACH OF 3 TREATMENTS (0.026, 0.036, 0.072 LB AI/A, POST DIRECTED TO THE ORCHARD FLOOR AND ACROSS LOWER TREE TRUNKS USING AN UNSHIELDED SPRAYER, IN 20 GPA) OF GF-3206 EACH YEAR, ON THE SAME PLOTS (SEE PROTOCOL FOR MORE DETAILS OF APPLIC RATES, TIMING, ETC.); EVALUATE CROP INJURY AND WEED CONTROL (CROP YIELD DATA ARE OPTIONAL); 2025 PERFORMANCE PROTOCOL IS FOR YEAR 2 OF 2 ON THE SAME PLOTS AS THE 2024 TRIAL

Comments: RINSKOR HERBICIDE; FROM 8/21, CORTEVA WILL CONSIDER RESEARCHABLE, E/CS DATA ONLY:08/24/sb, EPA GREEN: 08/23; PCR INDICATED EXPORT "LIKELY" AND WE NOW HAVE AN EMAIL REQUEST FOR A RESIDUE STUDY FOR EXPORT PURPOSES, SO THE ORIIG PCR WAS FORWARDED TO CORTEVA FOR THE ADD'L REQUEST:02/24/sb; Corteva has a CODEX submission to request tolerance waivers for Rinksor™ herbicide & the CODEX decision is due in mid-2025. They suggest holding on a residue study until they hear back from CODEX:02/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP07 Hanson, Brad



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-------------------------------|-----------------------|---|
| P13057 | -NONE | A | MOORE,P | ACETAMIPRID (NISSO,UPL NA) | DRAGON FRUIT (PITAYA) | TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D) |

Reason for Need: PLANT BUGS, THRIPS, LEAF HOPPERS; NOTHING REGISTERED FOR THEIR CONTROL

Use Pattern: (PCR): USE THE ASSAIL 70WP PRODUCT; MAKE 4 FOLIAR APPLIC OF 1.9-2.9 OZ PRODUCT/A, 7-10 DAY INTERVAL, 7-DAY PHI; BEGIN APPLIC WHEN THRIPS/INSECT DAMAGE IS FIRST OBSERVED; THOROUGH COVERAGE IS IMPORTANT; USE A SPRAY SURFACTANT TO IMPROVE COVERAGE AND CONTROL

E/CS Data Requirements:

E/CS Research Comments: IN 2021 PERFORMANCE PROTOCOL: TESTING 0.1 AND 0.15 LB AI/A RATES (PLUS 0.3 LB AI/A FOR CROP SAFETY ONLY) OF ASSAIL 30SG, VS A COMMERCIAL STANDARD, IN 50-100 GPA, APPLIED FOLIARLY; INCLUDE A LABELED RATE OF ADJUVANT (NIS, SILICONE OR METHYLATED SEED OIL); MAKE UP TO 2 APPLIC BEGINNING WHEN ONE OR MORE TARGET PESTS ARE PRESENT; A 2ND APPLIC CAN BE MADE WHEN PEST CONTROL BEGINS TO FAIL, BUT AT A MINIMUM 14-DAY INTERVAL; EVALUATE CROP SAFETY AND PEST CONTROL; IN 2023 PERFORMANCE PROTOCOL: EVALUATING EFFICACY ON CHILLI THRIPS AND MEALYBUGS AND PLANT SAFETY IN GH AND FIELD TRIALS; TESTING FOLIAR APPLIC OF 227 G PRODUCT/A OF ASSAIL 70WP; SEE PROTOCOL FOR MANY SPECIFIC REQUIREMENTS FOR EACH KIND OF TRIAL; EVALUATING PEST CONTROL AND PHYTOTOXICITY; IN 2025 PERFORMANCE PROTOCOL: ASSESSING EFFICACY ON MEALYBUGS AND PHYTOTOXICITY, WITH 2 APPLIC OF 227 G AI/A, 7-DAY INTERVAL, IN 30-100 GPA, WITH A NIS, SILICONE OR MSO AT A LABEL RATE; COMPARE WITH CYANTRANILIPROLE AT (20.5 FL OZ/A OF EXIREL PRODUCT - PR# 13306)

Comments: NO KEY EXPORT MARKET NOTED:06/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:07/20; EPA GREEN:12/20; Status changed from "Report Signed Ready for Sub" to "Petition Submitted to EPA", E/CS data is still ongoing 01/25/ds,

[NER-EPA Region-FRD](#)

[NCR-EPA Region-FRD](#)

[SOR-EPA Region-FRD](#)

[WSR-EPA Region-FRD](#)

[CANADA-EPA Region-FRD](#)

25-FLP05 Carrillo, D.



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-------------------------|-----------------------|--|
| P13305 | -NONE | A | MOORE,P | ZETA-CYPERMETHRIN (FMC) | DRAGON FRUIT (PITAYA) | TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D) |

Reason 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%.

Use Pattern: (PCR): 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.AAND 8 APPLICATIONS MAX PER YEAR. DO NOT APPLY DURING BLOOM. DO NOT APPLY TO WATER BODIES (STRAMS, RIVERS, LAKES, CANALS, ETC.)

E/CS Data Requirements:

E/CS Research Comments: IN THE 2024 PERFORMANCE PROTOCOL: TESTING THE MUSTANG MAXX PRODUCT, AT A RATE OF 118 ML/A VS THE STANDARD SPINETORAM, FOR MEALYBUG AND CHILI THRIPS CONTROL; SEE PROTOCOL FOR DIFFERENT APPLIC REQUIREMENTS FOR EACH RESEARCH SITE (EACH SITE WILL MAKE MULTIPLE APPLIC AT 7-DAY INTERVALS, USING 30-100 GPA, A NON-IONIC ADJUVANT AND OBSERVING A 1-DAY PHI); EVALUATE EFFICACY AND CROP SAFETY AT EACH SITE

Comments: MFG INDICATES THAT INTERNATIONAL MRL'S NEED TO BE ESTABLISHED IF PRODUCTION IS ALSO FOR EXPORT; .EPA GREEN 08/22, 08/23

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FLP03 Carrillo, D.



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---------------------------------|------------------|--|
| P13843 | -NONE | A | MOORE,P | BIFENTHRIN (ADAMA,AMVAC,FMC) | BASIL | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: Cucumber Beetle.Cucumber Beetle can be a major pest of basil and there are very few chemicals registered for basil that are effective against cucumber beetle:07/24; OH-Spotted cucumber beetle has limited options for field control in basil production and related herbs. Bifenthrin is effective at targeting this pest in other vegetable systems - like cucurbits:08/24; CA-this pest can eat the crop and the crop does not make marketability:09/24;

Use Pattern: (PCR): Apply (Sniper) as a foliar spray at 6.4 fl oz/A 4 times; 7-day RTI, 7 day PHI.

E/CS Data Requirements: For the E/CS needs, FMC only requires crop safety data (not efficacy):09/24/sb;

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TESTING 1X AND 2X RATES OF BRIGADE 2EC, AT 6.4 AND 12.8 FL OZ/A IN 10-50 GPA, APPLIED AS A FOLIAR SPRAY 5 TIMES AT A 7-DAY RETREATMENT INTERVAL; TEST IN 1 FIELD LOCATION, SPECIFICALLY FOR PHYTOTOXICITY ASSESSMENT

Comments: See PR# 06642 for Basil (GH); New PCR submitted is for the Sniper product, but request is being sent to FMC for now:07/24/sb; FMC supports as Researchable, Residue & E/CS Data Needed:08/24/sb; Priority changed from B to A as a result of add'l study allowance during the 2024 NRPM:10/24/sb; EPA Caution:01/25/sb; Status changed to "Residue ongoing E/CS ongoing" 03/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CAP21 Nansen, Christian



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---|------------------|--|
| P13078 | -NONE | A | PATEL | FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN) | BASIL | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: FUSARIUM; VERY LIMITED NUMBER OF FUNGICIDES REGISTERED FOR FUSARIUM CONTROL ON BASIL; PER OR ME-TOO REQUEST 08/20: FUSARIUM WILT IS A SIGNIFICANT PROBLEM IN OR, AND ADDITIONAL ROTATION PRODUCTS WOULD BE NICE TO HAVE

Use Pattern: (PCR): USE THE MIRAVIS PRIME PRODUCT; MAKE 2 DRENCH APPLIC OF 13.4 FL OZ/100 GAL, 7-DAY INTERVAL, 0-DAY PHI; MAKE AN IN-TRAY DRENCH APPLIC FOLLOWED BY AN IN-FIELD DRENCH APPLIC FOR TRANSPLANTS; OR MAKE 2 IN-FIELD DRENCH APPLIC FOR DIRECT SEEDED BASIL

E/CS Data Requirements: SOME NJ EFFICACY DATA FROM 2019 AND 2020 WILL BE AVAILABLE:07/20

E/CS Research Comments: IN THE PERFORMANCE PROTOCOL FOR 2023: EVALUATING PRODUCT PERFORMANCE ON COMMERCIAL VARIETIES SUSCEPTIBLE TO FUSARIUM WILT; TESTING SOIL DRENCH APPLIC OF 15.4 FL OZ/A OF MIRAVIS PRIME (PYDIFLUMETOFEN + FLUDIOXONIL) VS A LABELED RATE OF A STANDARD (APPLY PER LABEL DIRECTIONS); MAKE IN-FIELD DRENCH, BANDED OR HIGH VOLUME SOIL DIRECTED SPRAY, WITH 1ST APPLIC AT TRANSPLANTING OR AT PLANTING IF SEEDED, AND 2ND APPLIC 7 DAYS LATER; 0-DAY PHI; EVALUATE FUSARIUM WILT DISEASE INCIDENCE AND SEVERITY AND CROP SAFETY; 2024 AND 2025 PROTOCOLS FOLLOW THE DETAILS OF THE 2023 PROTOCOL

Comments: CANADA NOTED AS A KEY EXPORT MARKET; NO HERB OR BASIL TOLERANCES ARE ESTABLISHED FOR PYDIFLUMETOFEN, BUT THERE IS AN HERB 19A AND 19B TOLERANCE FOR FLUDIOXONIL (FROM WORK DONE TO REGISTER THE SWITCH LABEL, FLUDI + CYPRODINIL); IS A POTENTIAL JOINT PROJECT WITH CANADA:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN(BOTH):08/21, 08/22; Syngenta does not support drench app for these ai's:06/24/sb

NER-EPA Region-FRD

25-NYP06 Heck, Daniel

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|--|-----------------------|--|
| P13866 | -NONE | A | PATEL | AZOXYSTROBIN + BENZOVINDIFLUPYR (SYNGEN) | BASIL (GH TRANSPLANT) | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: Fusarium. Few fungicides are labeled for use against Fusarium as this one is:07/24; TN- need of alternative fungicides for management of Fusarium crown and root rot:08.24;

Use Pattern: (PCR): Use Mural; 2-3 oz per 100 gal; 2 drench applications @ 14-28 day RTI; 0-day PHI

E/CS Data Requirements: YES - TBD

E/CS Research Comments:

Comments: this request is for plants grown in gh for sale to consumers and do not receive add'l applications once they leave the gh:07/24/sb; Syngenta supports as Researchable, Residue & E/CS Data Needed:08/24/sb; two analytical labs will be assigned, one for each ai, Azoxystrobin/TIR & Benzovindiflupyr/CAR:01/25/sb; EPA Caution:01/25/sb; it is determined the Azoxy does not need to be analyzed so the TIR lab was removed from the master schedule:04/25/sb; Status changed to E/CS ongoing 05/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-MIP09

Hausbeck, Dr. Mary K.

25-VAP02

Higgins, Doug

25-FLP11

Zhang, Zhening



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|--|------------------|--|
| P13273 | -NONE | + | PATEL | AZOXYSTROBIN + BENZOVINDIFLUPYR (SYNGEN) | MINT | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: VERTICILLIUM, THERE ARE NO OTHER COST EFFECTIVE ALTERNATIVES FOR VERTICILLIUM MANAGEMENT.

Use Pattern: (PCR): ELATUS; 0.057 LB BENZOVINDIFLUPYR, 0.113 LB AZOXYSTROBIN APPLIED TO THE SOIL WITH 2 APPLICATIONS 28 DAYS FOR RE-TREATMENT INTERVAL; MAKE FIRST APPLICATION PRIOR TO DORMANCY BREAK AND INCORPORATE WITH IRRIGATION OR PRECIPITATION. MAKE THE SECOND APPLICATION 28 DAYS AFTER THE FIRST AND INCORPORATE WITH IRRIGATION OR PRECIPITATION. THESE APPLICATIONS CAN INCLUDE TANK MIX PARTNERS OF NEMATICIDE PRODUCTS. DO NOT APPLY TO FROZEN SOIL. INCORPORATE WITH ADEQUATE IRRIGATION/RAINFALL.

E/CS Data Requirements:

E/CS Research Comments:

Comments:

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

| | |
|----------|----------------|
| 25-ORP13 | Dung, Jeremiah |
| 25-ORP14 | Dung, Jeremiah |
| 25-ORP15 | Dung, Jeremiah |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|----------------------|--|
| P13108 | -NONE | A | PATEL | AZOXYSTROBIN (SYNGEN) | MINT (GH TRANSPLANT) | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

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

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

E/CS Data Requirements:

E/CS Research Comments: IN THE 2023 PERFORMANCE PROTOCOL: EXAMINING AZOXYSTROBIN FOR CONTROL OF ROOT ROT IN GH MINT TRANSPLANTS; TEST 2 DRENCH TRTS OF HERITAGE 50WG (DILUTION OF 1 OZ PRODUCT APPLIED AT 2 PT SPRAY SOLUTION/SQ FT AND 2 OZ PRODUCT APPLIED AT 1 PT SPRAY SOLUTION/SQ FT), BOTH TRTS RESULTING IN 3.4 LB AI/A; MAKE 3 CONTAINER DRENCH APPLIC, 7-DAY INTERVAL, WITH FINAL APPLIC THE DAY BEFORE PLANTS LEAVE THE GH; EVALUATE DISEASE INCIDENCE AND SEVERITY, AND PHYTOTOXICITY; 2024 AND 2025 PERFORMANCE PROTOCOLS FOLLOW THE SAME DETAILS AS THE 2023 PROTOCOL

Comments: ORIGINAL REQUEST WAS FOR GH HERB TRANSPLANTS, AND IT WAS SPLIT INTO TWO REQUESTS, FOR THE PROPOSED SUBGROUP REP CROPS MINT AND BASIL (PR# 13107); NO EXPORT MARKET NOTED; A FOLIAR USE ON HERB TRANSPLANTS IS ON THE HERITAGE LABEL, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:08/21, 08/22

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-TNP01 Baysal-Gurel, Fulya



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(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

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|-------------|------------|-----------------|-----------------------|--|----------------------|--|
| P13856 | -NONE | A | PATEL | AZOXYSTROBIN + BENZOVINDIFLUPYR (SYNGEN) | MINT (GH TRANSPLANT) | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: Powdery mildew. Few fungicides are registered for use on GH herbs. Powdery mildew is a common problem on mint plants for sale to consumers:07/24;

Use Pattern: (PCR): Use Mural; 2 foliar applications; 06-0.8 oz/5,000 sq. ft; 7-10-day RTI; 0 day PHI; Add sprading penetretating type adjuvant

E/CS Data Requirements: YES - TBD

E/CS Research Comments:

Comments: this request is for plants grown in gh for sale to consumers and do not receive add'l applications once they leave the gh:07/24/sb; Syngenta supports as Researchable, Residue & E/CS Data Needed:08/24/sb; two analytical labs will be assigned, one for each ai, Azoxystrobin/TIR & Benzovindiflupyr/CAR:01/25/sb; EPA Caution:01/25/sb; it is determined the Azoxy does not need to be analyzed so the TIR lab will removed from the master schedule:03/25/sb; Status changed to E/CS ongoing 05/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

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|----------|-----------------------|----------|---------------------|
| 25-MIP10 | Hausbeck, Dr. Mary K. | 25-TNP03 | Baysal-Gurel, Fulya |
| 25-OHP05 | Ivey, M.L. Lewis | | |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------------------|----------------------|--|
| P13869 | -NONE | A | PATEL | FLUTIANIL (LANDIS,NAI,OATAGRIO) | MINT (GH TRANSPLANT) | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: powdery mildew. There are few powdery mildew fungicides registered for this use:07/24;

Use Pattern: (PCR): Use Gatten; 6-8 fl. oz/A; 5 foliar applications @ 7-day interval; 0-day PHI

E/CS Data Requirements: Yes - TBD

E/CS Research Comments: PER THE 2025 PERFORMANCE PROTOCOL: FOR POWDERY MILDEW CONTROL, TESTING AN 8 FL OZ/A RATE OF GATTEN, APPLIED AS A FOLIAR SPRAY 5 TIMES AT 7-DAY INTERVALS AND 0-DAY PHI, VS A LABELED STANDARD; ASSESS DISEASE INCIDENCE AND SEVERITY, AS WELL AS CROP SAFETY

Comments: this request is for plants grown in gh for sale to consumers and do not receive add'l applications once they leave the gh:07/24/sb; 2024 workshop status update - Landis/Oat Agrio supports as Researchable, Res & E/CS Data Needed:09/24/sb; Upgraded from a "B" priority to an "A" during the 2025 Pups & RUs process, but can attempt to cover via ChemSAC based on in progress flutianil/mint work under PR 13783:10/24/sb; "ChemSac submitted 11/24 to allow field and GH residue data to satisfy data reqs for use on GH transplant:12/24/ds"; Removed as a WSPRY & SD/Pike since ChemSac submitted:01/25/sb; EPA GREEN:01/25/sb; Status changed to E/CS ongoing 04/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

| | | | |
|----------|-----------------------|----------|---------------------|
| 25-MIP08 | Hausbeck, Dr. Mary K. | 25-TNP02 | Baysal-Gurel, Fulya |
| | | 25-VAP01 | Higgins, Doug |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------|----------------------|--|
| P13530 | -NONE | A | BATTS | UNICONAZOLE-P (VALENT) | MINT (GH TRANSPLANT) | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: GROWTH REGULATION - WITHOUT THIS, SOME CROP PLANTS WILL BOLT UNDER HOT GH CONDITIONS

Use Pattern: (PCR): USE THE SUMAGIC PRODUCT; MAKE UP TO 2 FOLIAR APPLIC OF 2-10 PPM, IN A VOLUME OF 2 QT SOLUTION/100 SQ FT; 7-14 DAY INTERVAL; NO PHI LISTED ON CURRENT LABEL; MFG REQUESTS THE LABELED USE PATTERN FOR FRUITING VEGETABLE TRANSPLANTS BE FOLLOWED (08/16)

E/CS Data Requirements:

E/CS Research Comments: IN THE 2024 PERFORMANCE PROTOCOL, TESTING THE SUMAGIC PLANT GROWTH REGULATOR PRODUCT ON GH CONTAINER-GROWN MINT AND BASIL (PR# 12028); MAKE 1 FOLIAR BROADCAST APPLIC OF 2, 4 AND 10 PPM, AND 2 FOLIAR BROADCAST APPLIC OF 2 AND 4 PPM, IN THE GH, IN A SPRAY VOLUME OF 2 QT/100 SQ FT; MAKE THE FIRST APPLIC WHEN CROPS HAVE 2-4 TRUE LEAVES, AND APPLIC 2 AT 7-14 DAYS AFTER THE INITIAL APPLIC; EVALUATE CROP INJURY, GROWTH REDUCTION AND CROP YIELD (BIOMASS)

Comments: REQUEST INCLUDES USE ON VARIOUS GH TRANSPLANTS FOR RETAIL SALE: ROOT/TUBER, LEAFY VEG, BRASSICA, HERBS (THERE IS ANOTHER REQUEST [10895] FOR USE ON HERBS WHICH THE MFG DID NOT SUPPORT YEARS AGO); THE CURRENT SUMAGIC LABEL INCLUDES ONLY FRUITING VEGETABLES:07/16; MFG SUPPORTS, AND RECOMMENDS THE USE PATTERN CURRENTLY ESTABLISHED FOR FRUITING VEGETABLE TRANSPLANTS:08/16; EPA GREEN:09/18; EPA GREEN:09/19; EPA CAUTION:08/20; PER VALENT, E/CS DATA ARE NOT NEEDED:04/21; EPA GREEN:08/21, 08/22; PR#12028 ORIGINALLY WAS SUBMITTED UNDER HERBS. THAT REQUEST WAS BROKEN INTO 2 SEPARATE REQUESTS AS BASIL (GH) AND MINT PR# 12028, (GH), PR#13530; Residue Protocol signed 06/23, ECS Protocol still needs to be signed: 06/23, JPB; E/CS protocol signed 01/24 & includes Basil (P12028), 02/24/DRS;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-MIP04 Hausbeck, Dr. Mary K.



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|------------------------|------------------|--|
| P13893 | -NONE | + | PATEL | FLUAZINAM (ISK,SYNGEN) | STEVIA | HERB FRESH AND DRIED LEAVES SUBGROUP (25AB) |

Reason for Need: Sclerotinia. Limited products available on Stevia and Sclerotinia is a critical factor for overwinter survival and soil disease control in Stevia:08/24;

Use Pattern: (PCR): No Use Pattern from Requester on pcr. IR-4 suggests: Use Omega 500F; 16 fl. oz/A; 3 foliar applications @ 14-day interval; 7-day PHI. ISK supports a 30-day PHI and that rates may be reduced to 8-10 fl oz/A:08/24/sb

E/CS Data Requirements:

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: ON INOCULATED PLOTS, TESTING A 16 FL OZ/A RATE OF OMEGA 500 PRODUCT/A FOR SCLEROTINIA CONTROL, COMPARED WITH INOCULATED AND NON-INOCULATED CONTROLS; MAKE 3 APPLIC, 14-DAY INTERVAL, 30-DAY PHI; BEGIN APPLIC AS SOON AS SHOOTS EMERGE IN THE SPRING IN SECOND YEAR STEVIA; ASSESS DISEASE INCIDENCE AND SEVERITY, AND PHYTOTOXICITY

Comments: ISK supports as "Potential, E/CS Data Before Approval for Residue" and supports a 30-day PHI and that rates may be reduced to 8-10 fl oz/A:08/24/sb; Status changed from Potential to E/CS ongoing 03/25/ds

NER-EPA Region-FRD

25-DEP02 Betts, Alyssa

NCR-EPA Region-FRD

SOR-EPA Region-FRD

25-FLP16 Dufault, Nicholas
25-NCP08 Lux, LeAnn

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---|------------------|------------------------|
| P12596 | -NONE | + | PATEL | COPPER HYDROXIDE (AGTROL,DREXEL,GOWAN) | MIRACLE FRUIT | SPICES CROP GROUP (26) |

Reason for Need: FUNGAL PATHOGENS OF FRUIT (ANTHRACNOSE); THERE ARE NO FUNGICIDES REGISTERED FOR THIS CROP

Use Pattern: (PCR): USE PATTERN IS SIMILAR TO OTHER TROPICAL CROPS LIKE MANGO; USE KOCIDE 2000; MAKE 8 FOLIAR APPLIC OF 4-9 LB/A, 14-30 DAY INTERVAL, 10-DAY PHI; BEGIN APPLIC WHEN ENVIRONMENTAL CONDITIONS ARE SUITABLE FOR FUNGAL DEVELOPMENT, AND CONTINUE TILL HARVEST

E/CS Data Requirements: 1 trial was conducted in 2021 on Kocide and showed great results. MFG prefers working with Badge in lieu of Kocide and is asking to conduct 1 E/CS trial with this product:06/24/sb

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TESTING 2 RATES OF BADGE SC, FOLIAR SPRAYS OF 3.5 AND 7.0 PT PRODUCT/A, FOR CONTROL OF ANTHRACNOSE; BEGIN APPLIC POST-BLOOM, 14-DAY INTERVAL, WITH A MAX OF 6 APPLIC; ASSESS DISEASE INCIDENCE AND SEVERITY, AND PHYTOTOXICITY

Comments: NO EXPORT MARKETS NOTED; COPPER IS EXEMPT FROM THE REQUIREMENT OF A TOLERANCE:07/18; GOWAN HAS A COPPER HYDROXIDE CHLORIDE COMBO, SO IT COULD BE A FIT FOR PREVISTO; WOULD ADD USE TO THIS LABEL, WITH SUPPORTING PERFORMANCE DATA:06/19; EPA GREEN:09/19; CATEGORY OF NEEDS E/CS DATA ONLY UPDATED TO E/CS DATA ON-GOING:02/21

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FLP13 Gazis, Dr. Romina



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Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|-------------------|
| P13817 | -NONE | + | MOORE,P | INDOXACARB (FMC) | CACAO BEAN | MISC GROUP (99) |

Reason for Need: Chinese Rose Beetle, Adoretus sinicus. Growers need to control chinese rose beetle (CRB) in nursery seedling production, in seedling establishment in the field following transplanting, and in established plantings. Adult CRB feed on the leaves of cacao causing defoliation and sometimes death of the plant; cacao seedlings and young transplants are particularly vulnerable to CRB damage. There are no effective insecticides registered on cacao to control CRB;

Use Pattern: (PCR): Apply Avaunt eVo as a foliar spray 4 times at 6 oz/A, RTI= 7 days & PHI= 14 days. Do not apply more than 24 oz/A of AVAUNT eVo per crop

E/CS Data Requirements:

E/CS Research Comments:

Comments: Key Exports: Japan, Korea, China, Canada. Potential: UK, EU; EPA CAUTION:08/24; 2024 workshop update, FMC supports as Potential: E/CS Data before Approval for Residue:09/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

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|----------|----------------|
| 25-HIP02 | Zhang, Zhening |
| 25-HIP03 | Zhang, Zhening |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|--|------------------|-------------------|
| P13635 | -NONE | A | PATEL | OXATHIPIPROLIN + MANDIPROPAMID (SYNGEN) | CACAO BEAN | MISC GROUP (99) |

Reason for Need: Black Pod Rot caused by Phytophthora palmivora; Black pod rot is an important disease in the East Hawaii production area where there is high rainfall. There are no conventional fungicides registered on Cacao to control this disease. Domestic tolerances are established for both active ingredients. I'm not sure if those tolerances cover this use pattern. There was an original project request for oxathiapirolin alone (PR 11883). Syngenta does not support the sole ai, but supports the premix, oxathiapirolin + mandipropamid:05/23

Use Pattern: (PCR): Use Orondis ultra as a foliar spray at 6.84 fl oz/A (0.5 L/ha), 4 apps, 21 day RTI, 14 day PHI. Syngenta proposed: The OXTP tolerances from citrus that were extrapolated to cacao supported a single foliar application at 0.03 lb. ai/A, 0-day PHI. Residue data will need to be generated to support 4 applications if the total rate is higher. For MDP, it looks like we have an IT on cacao. Residue data will also need to be generated here for a domestic tolerance.

E/CS Data Requirements:

E/CS Research Comments: IN THE 2024 PERFORMANCE PROTOCOL: TESTING EFFICACY AND CROP SAFETY OF ORONDIS ULTRA FUNGICIDE PRODUCT (0.25 LB AI/GAL OF OXATHIPIPROLIN AND 2.08 LB AI/GAL OF MANDIPROPAMID ACTIVE INGREDIENTS); MAKE 4 FOLIAR DIRECTED APPLIC OF 202 ML/A OF PRODUCT + LABEL RATE OF AN ADJUVANT, IN 100-200 GPA, 21-DAY INTERVALS, BEGINNING APPLIC BEFORE TYPICAL INFECTION PERIOD OR IMMEDIATELY AFTER FINDING OF FIRST SIGN/SYMPTOM OF BLACK POD ROT; 14-DAY PHI; EVALUATE EFFICACY AND CROP SAFETY

Comments: Syngenta supports this request as "Researchable, Residue & E/CS data needed with the proposed use pattern update noted:06/23; EPA GREEN: 08/23; Status changed to ECS ongoing 05/24/drs; Status updated to Res ongoing ECS ongoing 06/24/drs;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-HIP01 Kam, James



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

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|-------------|------------|-----------------|-----------------------|-----------------------|------------------|-------------------|
| P13915 | -NONE | + | BATTS | TERBACIL (TKI) | CAMAS | MISC GROUP (99) |

Reason for Need: Primarily invasive annual grasses including Cheat grass (*Bromus tectorum*), Ventenata (*Ventenata dubia*) and Medusahead (*Taeniatherum caput-medusae*). Control of other broadleaf invasives common in western grass/rangelands e.g. St. johnswort, scotch broom, spotted knapweed would also be useful. Cama bulbs/corms are harvested, primarily by indigenous groups in the West, in native grasslands. Invasive annual grasses (*Bromus tectorum*, *Ventenata dubia*, *Taeniatherum caput-medusae* and others) compete directly with native perennial grasses, forbs and shrubs. They provide fire fuel resulting in more frequent wildfire and the diverse, deep rooted native range transitions to a monoculture of shallow rooted invasive annual grass. Pre-emergent herbicides are commonly used to control these grasses:10/24;

Use Pattern: (PCR): Use the Sinbar product. Make one broadcast application at 0.5 to 1.0 lb of product per acre in fall, but no closer than 180 days before camas harvest.

E/CS Data Requirements:

E/CS Research Comments:

Comments: If target weeds are emerged, a surfactant will be required in the spray mix:10/24/sb; TKI supports as Potential: E/CS Data Before Approval for Residue:10/24/sb; in Oct 2024, we were advised 13689, Indaziflam / Camas was being canceled and that we will replace with 13915, Terbacil / Camas, since the crops were being established. A priority code of "+" was entered here, instead of A, since this status is "Potential":02/25/sb; Status updated from "Potential" to "ECS ongoing" 02/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 25-ORP17 Becerra-Alvarez, Aaron
- 25-ORP18 Moretti, Marcelo
- 25-ORP19 Moretti, Marcelo



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|---|-----------------------------|-------------------|
| P13929 | -None | A | PATEL | FLUOPYRAM + PROTHIOCONAZOLE (BAYER) | FIELD PENNYCRESS (OIL SEED) | MISC GROUP (99) |

Reason for Need: copied from 13594/Fluopyram & 13593/Prothioconazole: THIS USE IS NEEDED TO PROTECT GRAIN AND SEED PRODUCTION; ADDITIONALLY IT WOULD HELP MANAGE THE INOCULUM OF SCLEROTINIA, ALTERNARIA AND ALBUGO CANDIDA LEFT BEHIND IN THE CROP RESIDUE; Requester is no longer interested in the 'seed treatment' application and suggests generating E/CS data on Sclerotinia:08/23/sb;

Use Pattern: (PCR): final use pattern from both 13594 & 13593: Bayer supports the use pattern proposed for canola: Apply ProPulse as a foliar/broadcast spray at 9 fl oz/A, 2 applications, 14 day RTI and 36 days PHI:09/23

E/CS Data Requirements:

E/CS Research Comments:

Comments: Two pcrs were orig submitted for solo chemicals, but for the dual product of ProPulse, from J Calhoun in MO, and two PR#s were created, 13594/Fluopyram & 13593/Prothioconazole, where Tolerance/use is to be pursued with no data proposal/petition (ChemSac to be submitted & reviewed based on canola oil). Upon further review, the requester & Bayer were looking for the dual ai, so this new PR# has been created, and an A priority was added here based on the 2024 workshop priority rec'd for 13593. The 2025 Performance work will now be conducted under this P13929 instead of P13593:02/25/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

| | |
|----------|--------------------------|
| 25-MOP01 | Mueth, T |
| 25-OHP06 | Sanabria-Velazquez, Andr |
| 25-SDP01 | Solanki, Shyam |



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|--|---------------------------|---------------------------|---------------------------|------------------------------|-----------------------------|-------------------|
| P13522 | -NONE | A | BATTS | SAFLUFENACIL (BASF) | FIELD PENNYCRESS (OIL SEED) | MISC GROUP (99) |
| <p><u>Reason for Need:</u> HARVEST AID/DESSICATION; SINCE SOYBEANS ARE OFTEN PLANTED AFTER HARVEST, AN EARLIER HARVEST DATE WOULD ALLOW FOR AN EARLIER SOYBEAN PLANTING DATE. IN ADDITION, AN EARLIER HARVEST WOULD HELP REDUCE YIELD LOSS ATTRIBUTED TO THE SEED SHATTERING PROBLEMS ASSOCIATED WITH THIS CROP. THIS PRODUCT IS AN ADDITIONAL MODE OF ACTION TO CONTROL WEEDS;</p> <p><u>Use Pattern: (PCR):</u> DOSAGE 1-2 OZ/A, FOLIAR BROADCAST, APPLY TO PHYSIOLOGICALLY MATURE CROP, USE A MINIMUM OF 5-10 GAL/A SPRAY VOLUME, FOR OPTIMAL PERFORMANCE, APPLY 1 GAL MSO PLUS 8.5-17 LB AMS/100 GAL SPRAY SOLUTION. IF SOYBEANS ARE PLANTED IMMEDIATELY AFTER PENNYCRESS HARVEST, THE RATE MAY BE REDUCED TO 1 OZ/A. THIS IS THE LABELED RATE FOR PREGEMERGENCE APPLICATION TO SOYBEAN; DO NOT USE IF SOYBEANS WILL FOLLOW PENNYCRESS ON COARSE SOILS WITH <2% ORGANIC MATTER</p> <p><u>E/CS Data Requirements:</u> IR-4 E/CS WORK IS EXPECTED TO BE CARRIED OUT IN 2024:07/23/sb</p> <p><u>E/CS Research Comments:</u> PER THE 2024 PERFORMANCE PROTOCOL: EVALUATING PRODUCT PERFORMANCE AS A HARVEST AID/DESSICANT; TESTING 2 RATES OF SHARPEN HERBICIDE: 0.022 AND 0.044 LB AI/A, APPLIED FOLIAR BROADCAST IN AT LEAST 10 GPA, VS A LABELED RATE OF REGIONE (DIQUAT); APPLY SHARPEN TREATMENTS AFTER CROP HAS REACHED PHYSIOLOGICAL MATURITY, 3-10 DAYS PRIOR TO SEED HARVEST; ALL SHARPEN APPLIC MUST INCLUDE A METHYLATED SEED OIL (MSO) AT 1% V/V, AND AMMONIUM SULFATE (AMS) AT 17 LB/100 GAL OF SPRAY SOLUTION; EVALUATE CROP DESSICATION AT 3 AND 7 DAYS POST APPLIC, AND AT HARVEST; SEED VIABILITY WILL ALSO BE ASSESSED; WEED CONTROL AND CROP YIELD DATA ARE NOT REQUIRED; 2025 PERFORMANCE PROTOCOL FOLLOWS DETAILS OF THE 2024 PROTOCOL</p> <p><u>Comments:</u> CHEMSAC PROPOSAL WILL BE DONE FOR POTENTIAL RESIDUE TOLERANCE:10/22; STATUS OF "RESEARCHABLE, RESIDUE & E/CS DATA NEEDED" SHOULD HAVE BEEN UPDATED TO BASF SUPPORTS "NEEDS E/CS DATA ONLY" IN 9/22. THE STATUS HAS SINCE BEEN CHANGED TO "TOLERANCE/USE TO PURSUED WITH NO DATA PROPOSAL/PETITION" SINCE IR-4 WILL PREPARE A CHEMSAC PROPOSAL. ALSO, IR-4 E/CS WORK IS EXPECTED TO BE CARRIED OUT IN 2024:07/23/sb; AN E/CS PROTOCOL WAS SIGNED 9/5/23 FOR 2024 TRIALS, SO THE STATUS HAS BEEN UPDATED TO E/CS DATA ONGOING. THE RES CHEMSAC PROPOSAL WILL STILL BE TRACKED ON THE IR-4 TIMELINES:02/24/sb; THE RES PETITION HAS BEEN SUBMITTED 05/24/drs; No data petition/chemsac was sub to EPA:05/24/sb; Notice of Filing (Tolerance Proposals) Published in the Federal Register:11/24/sb; leaving status as is due to continued E/CS ongoing:12/24/sb;</p> | | | | | | |
| <u>NER-EPA Region-FRD</u> | <u>NCR-EPA Region-FRD</u> | <u>SOR-EPA Region-FRD</u> | <u>WSR-EPA Region-FRD</u> | <u>CANADA-EPA Region-FRD</u> | | |
| | 25-WIP02 | Werle, Rodrigo | | | | |



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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|-------------|------------|-----------------|-----------------------|------------------------------|------------------|-------------------|
| P13000 | -NONE | A | MOORE,P | CHLORANTRANILIPROLE (FMC) | HEMP | MISC GROUP (99) |

Reason for Need: LEPIDOPTERA, WHITEFLY; NOTHING REGISTERED

Use Pattern: (PCR): 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

E/CS Data Requirements:

E/CS Research Comments: PER 2024 PERFORMANCE PROTOCOL: TESTING 2 RATES OF CHLORANTRANILIPROLE (CORAGEN eVO PRODUCT) FOR CORN EARWORM CONTROL IN GH HEMP IN AL (ARTIFICIAL INOCULATION) AND IN FIELD HEMP IN OR (APPLY WHEN LARVAE ARE OBSERVED IN 2 OR 3 REPS); IN THE FIELD TRIAL, APPLY 1.7 FL OZ/A AS A FOLIAR SPRAY STARTING AT EARLY BLOOM FOR 3 TIMES AT A 7-DAY INTERVAL; IN THE GH TRIAL APPLY 2.5 FL OZ/A ONCE AS A DRENCH AT EARLY BLOOM 7 DAYS BEFORE INFESTATION; EVALUATE EFFICACY ON WORMS, DAMAGE RATING AND PHYTOTOXICITY; SEE PROTOCOL FOR MORE DETAILED STUDY CONDUCT REQUIREMENTS; E/CS data is available under IS00357:10/24/sb;

Comments: REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED:05/20; EPA GREEN:08/20, 08/22; YELLOW 08/23; E/CS trial includes PR#13011 03/24/DRS; Status changed to "ECS ongoing", and will change to "Res ongoing ECS ongoing" when res protocol is signed 03/24/DRS; Status changed to Res ongoing ECS ongoing 05/24/drs; E/CS data is available under IS00357:10/24/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-KYP01 Villanueva, Raul



2025 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

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Print Date: 5/2/2025

| <u>PR #</u> | <u>LAB</u> | <u>PRIORITY</u> | <u>STUDY DIRECTOR</u> | <u>CHEMICAL (MFG)</u> | <u>COMMODITY</u> | <u>CROP GROUP</u> |
|-------------|------------|-----------------|-----------------------|-----------------------|------------------|-------------------|
| P13879 | -NONE | A | BATTS | FLAZASULFURON (ISK) | HOPS | MISC GROUP (99) |

Reason for Need: Italian ryegrass, kochia, curly dock, annual broadleaves and grasses. new mode of action in hops, improved control of problematic weeds:07/24; NY-low use rate relative to other chemistries:08/24/sb;

Use Pattern: (PCR): Use the Mission 25 WG product at 1.5 to 2.84 oz/a per application. Make one application during dormancy or two applications approximately 90 days apart, beginning during dormancy, with at least a 30 days PHI. Applications will be made along both sides of the crop row with the spray solution overlapping the lower portion of the crop.

E/CS Data Requirements: YES - TBD

E/CS Research Comments: IN THE 2025 PERFORMANCE PROTOCOL: TRIALS ARE TO BE CONDUCTED ON THE SAME PLOTS IN EACH OF 2 YRS, WITH THE SAME TRTS APPLIED TO THE SAME PLOTS; TESTING 3 RATES OF FLAZASULFURON (MISSION 25WG), AT 0.044, 0.089 AND 0.178 LB AI/A, IN 15-50 GPA; EACH RATE IS APPLIED IN ONE APPLIC BROADCAST OVER DORMANT HOPS ROWS, AS WELL AS THE SAME RATES/APPLICS FOLLOWED BY A POSTEMERGENCE DIRECTED APPLIC OF 0.022 LB AI/A; ALL APPLIC WILL INCLUDE AN APPROVED ADJUVANT FOR USE WITH THIS AI; SEE PROTOCOL FOR MORE DETAILED APPLIC REQUIREMENTS; EVALUATE WEED CONTROL, CROP INJURY AND CROP YIELD

Comments: Key Exports: EU, Asia; ISK supports as Researchable, Residue & E/CS Data Needed:08/24/sb; E/CS ongoing 12/24/ds; EPA Caution:01/25/sb; status updated to Res & E/CS ongoing:02/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

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|----------|------------------|
| 25-ORP08 | Moretti, Marcelo |
| 25-ORP09 | Moretti, Marcelo |
| 25-WAP02 | Liu, Rui |



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(Order by Crop Group, Commodity, Chemical)

Print Date: 5/2/2025

| | NER | NCR | SOR | WSR | CANADA |
|---------------|-----|-----|-----|-----|--------|
| ARS Total: | | 0 | 0 | 0 | |
| Region Total: | 19 | 22 | 37 | 64 | 0 |
| Total: | 19 | 22 | 37 | 64 | 0 |

Grand Trial Total: 142

Total # of PRs: 71
Total # Chemical: 51
Total # Commodity: 50