



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13832	25-TBD	A	DINEEN	LINURON (TKI)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: Copied from 11118: ANNUAL GRASS AND BROADLEAF WEEDS; PER NC ME-TOO REQUEST, ONLY ONE HERBICIDE REGISTERED; NEED MORE EFFICACIOUS OPTIONS:08/19:07/24/sb; NC-represents over 60% of total production & growers need tools to ensure their ability to continue to produce & Alternative mode of action for control of resistant Palmer amaranth and it will also control Palmer amaranth postemergence. Currently no postemergence herbicides available for over the top application in sweetpotato:07/24/sb;

Use Pattern: (PCR): Copied from 11118: 1-1.5 PT/A (LINEX); 1 OR 2 APPLIC TO SOIL PRE OR OVER-THE-TOP POST TRANSPLANT (0-14 DAYS AFTER PLANTING); 75-90 DAY PHI;; PER NC ME-TOO REQUEST, APPLY PREEMERGENCE AFTER SEEDING AND AFTER SOIL IS PLACED OVER POTATOES PRIOR TO APPLIC OF CLEAR PLASTIC MULCH:07/24/sb

IR-4 Residue Trial Plan: 2-4 3 4 6 10; 1 DECLINE TRIAL

Comments: This was an initial study under PR# 11118, but due to analytical concerns we have been unable to complete. We hope to address analytical issues, but do not know if we will be successful. Therefore, this new PR# was created and will have to be re-prioritized, if we are able to address the analytical issues and there is still a need:07/24/sb; SSR names copied over from 11118:07/24/sb; TKI supports as Researchable, Only Residue Data Needed:07/24/sb; EPA Caution:01/25/sb; status updated to Compl with Ongoing Trials:02/25/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-MD141 James Hickman, Mega		25-FL94 Thomas, Darrell (decline) 25-GA*103 Fraelich, Ben 25-LA129 Wright, Denise 25-NC170 Smith, Stephen C 25-NC171 Smith, Stephen C 25-NC172 Smith, Stephen C 25-TX303 Cochran, Kim	25-CA67 Ennes, D. (Kearney) 25-NM208 Robbins, Chanz (Reg 10)	



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13778	25-TIR03	A	PIKE	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

IR-4 Residue Trial Plan: BULB: 1 6 8 10-2 11

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

<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-NJ198	Fisher, Jennifer	25-WI335	Heider, Daniel J.	25-TX300	Cochran, Kim	25-CA55	Ennes, D. (Kearney)		
						25-CA56	Leach, Nathan		
						(decline)			
						25-ID118	Meeks, Mr. Will		
						25-NM206	Robbins, Chanz		
						(Reg 8)			
						25-WA*314	Larson, Duane		
						25-OR356	Rasmussen, Ann		
						(Reg 12)			



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13809	25-FLR07	A	MARCONI	PYRIDABEN (GOWAN)	DILL	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: MITES THAT ATTACK LEAVES AND FRUIT; NOTHING REGISTERED FOR THIS CROP TO CONTROL MITES

Use Pattern: (PCR):

IR-4 Residue Trial Plan: ANY 4, FRESH, DRIED, SEED AND OIL - 1 PROCESSING

Comments: This PR# was created to cover the miracle fruit request and replace the residue portion of PR# 12562, Pyridaben / Miracle Fruit, of which the MOR study is being cancelled. Gowan has agreed to the switch to Dill, which will cover leaves, fresh, seed and oil, and pursue the spices crop group 26 which includes Miracle Fruit:05/24/sb; EPA GREEN:08/24; status updated to Researchable only Residue Data Needed since e/cs is being covered under 12562/Miracle Fruit:10/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OH232 Robinson, Allison
25-WI336 Chapman, Scott
(processing)

25-FL90 Long, Michael
25-NC165 Smith, Stephen C

25-WA*315 Larson, Duane



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12703	25-TBD	A	MARCONI	MEFENTRIFLUCONAZOLE (BASF)	LETTUCE (GH)	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

IR-4 Residue Trial Plan: ANY 4 TRIALS

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 gongoing", will become "Res ongoing ECS ongoing when residue protocol is signed" 01/25/ds; status updated to Res ongoing ECS ongoing 01/25/ds;

<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-MD137 Ross, Marylee	25-OH229 Robinson, Allison (decline)	25-FL87 Long, Michael 25-NC163 Smith, Stephen C	25-CA41 Ennes, D. (Kearney)	



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12529	25-FLR05	A	WELKER	PHENMEDIPHAM (BAYER,BELCHIM)	SPINACH	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: WEEDS; NEED IS FOR REDUCING THE PHI FROM 21 TO 10-14 DAYS TO ALLOW ITS USE FOR CLIPPED SPINACH (FRESH MARKET) WHICH HAS A SHORTER CROP CYCLE THAN FREEZER SPINACH; FL/WITH THE RISING POPULARITY OF BABY LEAF SPINACH A SHORTER 10-14 DAY PHI IS NEEDED; CA/Low rates are effective postemergence in Spinach. A shorter PHI would be valuable to the industry:08/23; NY/Few herbicides available for use in spinach for weed control; greater flexibility in use patterns would help improve weed control, which can impact yield and harvestability:08/23

Use Pattern: (PCR): USE THE SPIN-AID PRODUCT (LABELED BY BELCHIM); MAKE ONE FOLIAR APPLIC OF 0.08-0.48 LB AI/A, 10-14 DAY PHI; WEEDS MUST BE AT THE 2-LEAF STAGE OR SMALLER; USE CYCLOATE PPI THEN 10 DAYS AFTER SEEDING USE SPIN AID 1 PT/A

IR-4 Residue Trial Plan: 1 2-2 6-2 9 10-2; 1 DECLINE

Comments: KEY EXPORT MARKETS NOT NOTED:06/18; EPA GREEN:09/18; ADDED BELCHIM CROP PROTECTION AS A MFG, AS THEY HAVE THE SPIN-AID PRODUCT LABELED FOR USE ON SPINACH (ON PROCESSING AND SEED SPINACH) AND RED BEETS:10/18; BELCHIM STILL NEEDS SOME TYPE OF SUPPORT FROM BAYER TO CONSIDER THIS BEING RESEARCHABLE:05/19; BAYER'S CONCERN IS THAT THERE IS A NEED TO STAY UNDER A CERTAIN VOLUME OF SALES (LOW-VOLUME WAIVER), BUT THAT INCREASED SALES OF BABY SPINACH MAY BE AN ISSUE:06/20; EPA GREEN: 08/20, 08/21, 08/22; YELLOW 08/23; Belchim supports as Researchable, Only Residue Data Needed & they indicated that the low volume waiver would not stand in the way of a label if this request is prioritized and researched :06/24/sb; EPA GREEN:08/24; Status changed from "Researchable, res only" to "Complete w ongoing trials" 12/24/ds

NER-EPA Region-FRD

25-NJ193 Fisher, Jennifer

NCR-EPA Region-FRD

SOR-EPA Region-FRD

25-NC158 Smith, Stephen C
 25-NC159 Smith, Stephen C
 25-SC*292 Wade, Paul
 25-TX297 Cochran, Kim
 25-TX298 Cochran, Kim

WSR-EPA Region-FRD

25-CA*29 Benzen, Ms. Sharon D.
 25-CA30 Leach, Nathan
 25-CA31 Leach, Nathan
 (decline)
 25-NM205 Robbins, Chanz
 (Reg 9)

CANADA-EPA Region-FRD



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11774	25-TBD	A	DINEEN	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

IR-4 Residue Trial Plan: SUCCULENT-SHELLED: 1/2 5-3 11 12; EDIBLE-PODDED: ANY 4 TRIALS; 2 DECLINE TRIALS (ONE ON EACH). NAFTA: SUCCULENT SHELLED: 5-5 11-3 & EDIBLE PODDED: 7A-2 10 11-2 (2 DECLINES, ONE ON EACH)

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

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OH*222 Horst, Leona
(succulent shelled)
25-OH223 Robinson, Allison
(succulent shelled)
25-WI280 Heider, Daniel J.
(succulent shelled)(Reg 5)
25-WI330 Heider, Daniel J.
(succulent shelled)
25-WI331 Chapman, Scott
(succulent shelled)

25-GA*98 Fraelich, Ben
(succulent shelled)
25-SC*289 Wade, Paul
(edible podded)(decline)

25-CA25 Leach, Nathan
(edible podded)
25-ID114 Meeks, Mr. Will
(succulent shelled)(decline)
25-ID115 Meeks, Mr. Will
(edible podded)
25-WA*305 Larson, Duane
(succulent shelled)
25-WA306 Peng, Wilson
(edible podded)
25-WA307 Peng, Wilson
(succulent shelled)

25-AB131 Tiffen, Sarah
(edible podded)(Reg 7A-id updat
25-AB132 Tiffen, Sarah
(edible podded)(Reg 7A-id updat
25-ON251 Riddle, Geoff
(succulent shelled)(Reg 5)



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13541	23-FLR02	A	BYRTUS	FLUAZIFOP-P-BUTYL (SYNGEN)	PEA (SUCCULENT SHELLED)	SUCCULENT SHELLED PEA SUBGROUP (06-22D)

Reason for Need: UPDATED FROM 02079: GRASSES; PER PROJECT NOMINATION COMMENTS: THIS PRODUCT WORKS WELL IN THIS CROP AND WOULD GIVE GROWERS ANOTHER HERBICIDE TYPE FOR GRASS CONTROL, FROM 02079: 03/23 JPB:

Use Pattern: (PCR): 15 DAY PHI; 12-16 FL OZ/A; UP TO 48 FL OZ/A PER YEAR

IR-4 Residue Trial Plan: 1/2 5-4 11-2 12; 1 Red A trial needed and it must be a Decline trial.

Comments: PLEASE SEE PR# 02079

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OH01 Robinson, Allison
(decline)(repl of 24-OH234 w/2025 \$)



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13833	25-TBD	A	DINEEN	LINURON (TKI)	BEAN (DRIED SHELLLED)	PULSES, DRIED SHELLLED BEAN, EXCEPT SOYBEAN, SUBGROUP (06-22E)

Reason for Need: Copied from 11508: WEEDS, ESPECIALLY HAIRY NIGHTSHADE:07/24/sb; WA, NE & MT-Fall seeded pulses need post emerge weed control in the spring:08/24; 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:09/24

Use Pattern: (PCR): Copied from 11508: MAKE A SINGLE FOLIAR APPLIC OF UP TO 2 LB/A OF LOROX DF POST PLANTING BUT PREEMERGENCE TO THE CROP; USE LOWER RATES ON COARSE SOILS AND HIGHER RATES ON HEAVIER SOILS; NO MORE THAN 1 APPLIC/SEASON; DO NOT APPLY TO SAND OR LOAMY SAND SOIL TYPES; DO NOT USE ON SOILS WITH <1% ORGANIC MATTER:07/24/sb;

IR-4 Residue Trial Plan: 1 5-5 7-2 8 9 10 11

Comments: This was an initial study under PR# 11508, but due to analytical concerns we have been unable to complete. We hope to address analytical issues, but do not know if we will be successful. Therefore, this new PR# was created and will have to be re-prioritized, if we are able to address the analytical issues and there is still a need:07/24/sb; SSR names copied over from 11508:07/24/sb; TKI supports as Researchable, Only Residue Data Needed:07/24/sb; EPA Caution:01/25/sb; Status updated to "Complete w ongoing trials" 03/25/ds

NER-EPA Region-FRD

25-NJ202 Fisher, Jennifer
25-NY219 Handley, Keagan

NCR-EPA Region-FRD

25-ND183 Gauderman, Tom
25-ND184 Jia, Quan Zai
25-OH236 Robinson, Allison
25-OH*237 Horst, Leona
25-WI341 Heider, Daniel J.
25-WI342 Chapman, Scott
25-WI343 Heider, Daniel J.

SOR-EPA Region-FRD

WSR-EPA Region-FRD

25-CA*68 Benzen, Ms. Sharon D.
25-ID122 Meeks, Mr. Will
25-NM209 Robbins, Chanz
(Reg 8)
25-NM210 Robbins, Chanz
(Reg 9)
25-WA*320 Larson, Duane

CANADA-EPA Region-FRD



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13874	25-FLR12	A	WELKER	BROMOXYNIL (BAYER,NUFARM)	PEA (DRY)	PULSES, DRIED SHELLED PEA SUBGROUP (06-22F)

Reason for Need: Broadleaf weeds, especially kochia. Kochia has developed resistance to key herbicides used for preplant/preemergence burndown applications, including Express (Group 2), Roundup (Group 9), and Sharpen/Aim Group 14. The only effective burndown herbicide remaining is paraquat, which some growers prefer not to use. We need another burndown product that effectively controls kochia, but yet has little to no residual that could damage the crop.:07/24; ID & WA-This gives growers additional mode of action to help control resistant Kochia in pulses:08/24

Use Pattern: (PCR): Make one broadcast application of bromoxynil at 0.25 lb ai/a prior to seeding dry pea or after seeding but prior to dry pea emergence.

IR-4 Residue Trial Plan: 7-3 11/12-2

Comments: Key Export Markets: India, China, Spain & others:07/24; NuFarm supports as Researchable, Residue & E/CS Data Needed:09/24/sb; NuFarm supports as Researchable, Residue & E/CS Data Needed:09/24/sb; Nufarm advised status update from Researchable, Residue & E/CS Data Needed to Researchable, Only Residue Data Needed:10/24/sb; EPA Caution:01/25/sb; Status updated to "Complete w ongoing trials" 03/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ND187 Gauderman, Tom
25-ND188 Jia, Quan Zai
25-ND189 Jia, Quan Zai

25-ID124 Meeks, Mr. Will
25-ID125 Meeks, Mr. Will
25-WA*327 Larson, Duane



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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
06529	25-CAR01	A	DINEEN	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

IR-4 Residue Trial Plan: 1 2 3-2 5 10-7; 1 PROCESSING (PASTE, PUREE). NAFTA: 2 3 5-5 10-9 (1 PROCESSING - PASTE, PUREE)

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

25-NY214 Handley, Keagan
(large)(processing)

NCR-EPA Region-FRD

25-OH220 Robinson, Allison
(small)
25-OH*221 Horst, Leona
(large)

SOR-EPA Region-FRD

25-FL81 Long, Michael
(large)
25-FL82 Thomas, Darrell
(large)
25-SC*288 Wade, Paul
(small)

WSR-EPA Region-FRD

25-CA10 Watkins, Seth
(large)
25-CA11 Watkins, Seth
(small)
25-CA12 Ennes, D. (Kearney)
(large)
25-CA*13 Benzen, Ms. Sharon D.
(small)
25-CA14 Leach, Nathan
(small)
25-CA15 Leach, Nathan
(small)
25-CA16 Leach, Nathan
(large)
25-CA17 Ennes, D. (Kearney)
(large)
25-CA*18 Benzen, Ms. Sharon D.
(small)

CANADA-EPA Region-FRD

25-ON249 Riddle, Geoff
(large)(decline)
25-ON250 Wismer, R.J.
(small)
25-QC279 Cloutier, Dominic
(small)(decline)



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12484	25-FLR02	A	BYRTUS	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

IR-4 Residue Trial Plan: ANY 4 TRIALS (2 LARGE & 2 SMALL)

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

25-MD134 James Hickman, Mega
(large)

NCR-EPA Region-FRD

25-OH*226 Horst, Leona
(large)

SOR-EPA Region-FRD

25-FL84 Thomas, Darrell
(small)
25-NC156 Smith, Stephen C
(large)

WSR-EPA Region-FRD

25-CA27 Ennes, D. (Kearney)
(small)

CANADA-EPA Region-FRD



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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>
13824	25-TBD	A	WELKER	ETHOFUMESATE (BAYER)	PEPPER (BELL & NONBELL)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: lambsquarters, pigweed, ground cherry. 0 resistance reported, needed as a new herbicide class in repertoire for managing resistance as a pre-emergent:06/24/sb; TX-Add'l chemistries are necessary to prevent resistance in weeds that have a history of resistance to other herbicides (i.e. pigweed):08/24;

Use Pattern: (PCR): use pattern changed slightly from the original PCR: Make one broadcast pre-transplant or post-transplant application or 2 post transplant row middle applications of Nortron at 6.0 to 7.5 pt/a. Sequential applications must be at least 10 days apart and no application should be made within 30 days of pepper harvest.

IR-4 Residue Trial Plan: BELL: 2-2 3-2 5 6 10-2; NON: ANY 4 (2/3/5 8 9 10); 2 DECLINES (1 EACH TYPE)

Comments: Likely an export commodity but not defined. Previous OK trial data showed 2 pt/a of Nortron PRE caused 18% stunting. Previous CA trial showed noticeable but transient injury from row middle applications of 3.5 and 7 pt/a. The current Nortron label claims control of lambsquarters, select pigweeds, and groundcherry only at rates used for sugarbeets (6 to 7.5 pt/a):06/24/sb; EPA HOLD CAUTION:08/24/sb; Bayer supports as Residue Only. Bayer also noted "ethofumesate is under special review in Canada. If trade of treated commodity to Canada is important, obtaining iMRLs in Canada may be challenging":09/24/sb;

NER-EPA Region-FRD

25-MD139 James Hickman, Mega
(nonbell)
25-NJ199 Fisher, Jennifer
(bell)(decline)

NCR-EPA Region-FRD

25-OH*233 Horst, Leona
(bell)
25-OH234 Robinson, Allison
(bell)

SOR-EPA Region-FRD

25-FL92 Thomas, Darrell
(bell)
25-FL91 Long, Michael
(nonbell)(decline)
25-GA*101 Fraelich, Ben
(nonbell)
25-NC166 Smith, Stephen C
(bell)
25-NC167 Smith, Stephen C
(bell)
25-NC168 Smith, Stephen C
(nonbell)
25-SC*294 Wade, Paul
(bell)
25-TX302 Cochran, Kim
(bell)

WSR-EPA Region-FRD

25-CA63 Leach, Nathan
(bell)
25-CA*64 Benzen, Ms. Sharon D.
(bell)
25-NM207 Robbins, Chanz
(nonbell)(Reg 10)

CANADA-EPA Region-FRD



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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>
13501	23-FLR14	A	DINEEN	TIAFENACIL (ISK)	PEPPER (BELL & NONBELL)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: ANNUAL BROADLEAF WEEDS AND GRASSES; AS A NONSELECTIVE HERBICIDE PROVIDE GOOD CONTROL OF BROADLEAF AND GRASSES BEFORE PLANTING THE CROP AND ALSO CAN BE USED IN ROW MIDDLE DURING THE SEASON. CAN BE USED AS AN ALTERNATIVE TO PARAQUAT. DUE TO LACK OF RESIDUAL, CAN BE USED IN MULTIPLE CROPPING SYSTEMS. IMPROVE THE CONTROL OF RESISTANT WEEDS;

Use Pattern: (PCR): DOSAGE: 0.022 TO 0.067 LB AI/A, FOLIAR APPLICATION, APPLY ON STALE SEED BED PRIOR TO PLANTING CROP (PRE-PLANT), PRE-TRANSPLANT OVER MULCH PLASTIC MULCH, USE HOODED OR SHIELDED BOOM TO APPLY IN ROW MIDDLES AFTER CROP ESTABLISHMENT IN BARE GROUND AND PLASTICULTURE SYSTEM.

IR-4 Residue Trial Plan: BELL: 2 3 5 6 10-2; NON: ANY 4; 2025 RED A: BELL 2

Comments: Based on current reports/results, ISK has asked that E/CS work be suspended at this time for both 13500/Tomato & 13501/Pepper:10/24/sb; per meeting with ISK: status will change from "res ongoing E/CS ongoing" to "MFG will not support" once ASR is received 04/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-FL89 Long, Michael
(bell)

25-CA43 Ennes, D. (Kearney)
(bell)



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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>
12482	25-FLR01	A	BYRTUS	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

IR-4 Residue Trial Plan: ANY 4 TRIALS (2 LARGE & 2 SMALL)

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;

NER-EPA Region-FRD

25-MD133 James Hickman, Mega (bell)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

25-FL83 Long, Michael (non-bell)
25-NC155 Smith, Stephen C (bell)
25-SC*290 Wade, Paul (bell)

WSR-EPA Region-FRD

25-CA26 Ennes, D. (Kearney) (non-bell)

CANADA-EPA Region-FRD



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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>
12516	25-FLR03	A	BYRTUS	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

IR-4 Residue Trial Plan: ANY 4 TRIALS (2 LARGE & 2 SMALL)

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-MD135 Ross, Marylee
(small)

NCR-EPA Region-FRD

25-WI332 Chapman, Scott
(large)

SOR-EPA Region-FRD

25-FL85 Long, Michael
(large)
25-NC157 Smith, Stephen C
(small)
25-SC*291 Wade, Paul
(small)

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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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>
13683	25-FLR06	A	MACARI	OXATHIAPROLIN (SYNGEN)	APPLE	POME FRUIT GROUP (11-10)

Reason for Need: Phytophthora; Limited products currently registered and are not nearly as effective as Oxathiaprolin: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'.

IR-4 Residue Trial Plan: 1-3 2 5-2 9 10 11-4; 1 DECLINE & 1 PROCESSING (WET POMACE, JUICE)

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

25-NJ196 Fisher, Jennifer
 25-NJ197 Fisher, Jennifer
 25-NY216 Handley, Keagan
 25-NY217 Handley, Keagan

NCR-EPA Region-FRD

25-MI148 Wheeler, Celeste
 (decline)
 25-MI149 Soldan, Nicole

SOR-EPA Region-FRD

25-NC164 Smith, Stephen C

WSR-EPA Region-FRD

25-CA47 Ennes, D. (Kearney)
 25-CO79 Oman, Clark (CAT)
 25-ID117 Meeks, Mr. Will
 (processing)
 25-WA312 Peng, Wilson
 25-WA313 Peng, Wilson

CANADA-EPA Region-FRD

25-BC04 Nield, David



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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>
13814	25-FLR08	A	MACARI	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;

IR-4 Residue Trial Plan: 1 10-2 11-3; 1 DECLINE

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

25-NY80 Handley, Keagan
(Reg 1)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

25-CA57 Turner, B.(Turner Ag)
25-CA58 Turner, B.(Turner Ag)
25-ID120 Meeks, Mr. Will
25-OR261 Robinson, Matthew
(Reg 11)
25-WA317 Peng, Wilson
(decline)

CANADA-EPA Region-FRD



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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>
13813	25-CANADA	A	SMAERS	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

IR-4 Residue Trial Plan: SOUR: 1 5-5 9 11/12; OR SWEET: 5-2 10-2 11-3 12; 1 DECLINE (SWEET OR SOUR). NAFTA: SOUR: 1 5-6 9-1; SWEET: 5 10-2 11-4 12 (DECLINE (SWEET OR SOUR))

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

25CNY145 Handley, Keagan
(sour)

NCR-EPA Region-FRD

25CMI147 Wheeler, Celeste
(sour)
25CMI148 Wheeler, Celeste
(sweet)
25CMI149 Wheeler, Celeste
(sour)
25CWI146 Heider, Daniel J.
(sour)

SOR-EPA Region-FRD

WSR-EPA Region-FRD

25CID152 Meeks, Mr. Will
(sweet)
25COR151 Robinson, Matthew
(sweet)
25CWA150 Peng, Wilson
(sweet)

CANADA-EPA Region-FRD

25CBC154 Nield, David
(sweet)
2-CON153 Wismer, R.J.
(sour)(decline)



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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>
12574	25-CAR05	A	WELKER	QUINCLORAC (ADAMA,ALBAGH)	CHERRY	CHERRY SUBGROUP (12-12A)

Reason for Need: FIELD BINDWEED, HEDGE BINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL; NY-The control of field and hedge bindweed is difficult, particularly for growers avoiding the use of glyphosate in-season:09/24;

Use Pattern: (PCR): USE QUINSTAR 4L; APPLY FOLIAR TO EMERGED WEEDS THAT ARE WELL-ESTABLISHED; APPLY 0.375 LB AI/A IN A BAND DIRECTED TO THE SOIL AT THE BASE OF TREES ON EACH SIDE OF THE ROW, 2 APPLIC 15 DAYS APART; 30-DAY PHI; IF NEEDED INCLUDE 1% COC

IR-4 Residue Trial Plan: SOUR: 1 5-4 9; SWEET: 5-2 10-2 11-2

Comments: JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; EPA GREEN:09/19 & 08/20; MFG CHANGED TO POTENTIAL AT FUW (NEED MORE PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK), AND CONFIRMED THEY WILL SUPPORT REGISTRATION/USE IN CA:09/20; Status changed from "Potential: E/CS Data Before Approval for Residue Study" to "Covered By Another Project". Data is covered under P12572 Quinclorac/Peach 05/24/drs; Albaugh status update from Covered by Another Project to Researchable, Only Residue Data Needed:07/24/sb; EPA Caution:01/25/sb; Status changed to Complete w ongoing trials 04/25/ds;

NER-EPA Region-FRD

25-NY215 Handley, Keagan
(sour)

NCR-EPA Region-FRD

25-MI145 Wheeler, Celeste
(sour)
25-MI146 Wheeler, Celeste
(sweet)
25-MI147 Soldan, Nicole
(sour)

SOR-EPA Region-FRD

WSR-EPA Region-FRD

25-CA39 Ennes, D. (Kearney)
(sweet)
25-CO78 Oman, Clark (CAT)
(sour)
25-WA308 Peng, Wilson
(sweet)
25-WA*309 Larson, Duane
(sweet)

CANADA-EPA Region-FRD



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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>
12572	25-CAR03	A	WELKER	QUINCLORAC (ADAMA,ALBAGH)	PEACH	PEACH SUBGROUP (12-12B)

Reason for Need: FIELD BINDWEED, HEDGE BINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL

Use Pattern: (PCR): USE QUINSTAR 4L; APPLY FOLIAR TO EMERGED WEEDS THAT ARE WELL-ESTABLISHED; APPLY 0.375 LB AI/A IN A BAND DIRECTED TO THE SOIL AT THE BASE OF TREES ON EACH SIDE OF THE ROW, 2 APPLIC 15 DAYS APART; 30-DAY PHI; IF NEEDED INCLUDE 1% COC

IR-4 Residue Trial Plan: 1 2-3 5 6 10-3

Comments: JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; EPA GREEN:09/19 & 08/20; MFG CHANGED TO POTENTIAL AT FUW (NEED MORE PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK), AND CONFIRMED THEY WILL SUPPORT REGISTRATION/USE IN CA:09/20; CATEGORY CHANGED FROM POTENTIAL; E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY TO E/CS DATA ONGOING:12/21; STATUS UPDATED TO RESEARCHABLE, E/CS ON-GOING; RESIDUE DATA NEEDED:10/22; EPA GREEN: 08/23; The performance protocol covers additional PR#s: 12573 Quinclorac/Plum & 12574 Quinclorac/Cherry 05/24/drs; Albaugh status update from e/cs data ongoing to Researchable, Only Residue Data Needed:07/24/sb; EPA Caution:01/25/sb; Status updated to complete w ongoing trials 04/25/ds;

NER-EPA Region-FRD

25-NJ194 Fisher, Jennifer

NCR-EPA Region-FRD

25-MI143 Wheeler, Celeste

SOR-EPA Region-FRD

25-GA*99 Fraelich, Ben
 25-NC160 Smith, Stephen C
 25-NC161 Smith, Stephen C
 25-NC162 Smith, Stephen C
 (ok to stack with 13847.25-NC359)
 25-TX299 Jones, Trevor

WSR-EPA Region-FRD

25-CA32 Watkins, Seth
 (ok to stack with 13847.25-CA70)
 25-CA33 Watkins, Seth
 (ok to stack with 13847.25-CA71)
 25-CA34 Ennes, D. (Kearney)

CANADA-EPA Region-FRD



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13847	25-FLR10	A	WELKER	TERBACIL (TKI)	PEACH	PEACH SUBGROUP (12-12B)

Reason for Need: WEEDS;

Use Pattern: (PCR): from 09017 - 30-DAY PHI

IR-4 Residue Trial Plan: 1 2 5 6 10-3

Comments: from PR# 09017 - SHORTEN THE PHI TO 30 DAYS, TO PERMIT WEED CONTROL CLOSER TO HARVEST; ONLY FOR EAST OF APPALACHIANS:06/07; SUBMISSION ON HOLD UNTIL SEVERAL REGISTRANT STUDIES ARE COMPLETED/SUBMITTED TO EPA:08/14:07/24/sb; A final rpt was signed under PR# 09017 (with 2004 trial data). This PR# was created in order to conduct add'l residue trials for submission, if there is still a need:07/24/sb; TKI supports as Researchable, Only Residue Data Needed:08/24/sb; Upgraded from a "B" priority to an "A" during the 2025 Pups & RUs process:10/24/sb; EPA GREEN:01/25/sb; Status updated to complete w ongoing trials 04/25/ds;

NER-EPA Region-FRD

25-NJ203 Fisher, Jennifer
25-NY358 Handley, Keagan

NCR-EPA Region-FRD

25-MI153 Wheeler, Celeste

SOR-EPA Region-FRD

25-GA*105 Fraelich, Ben
25-NC173 Smith, Stephen C
25-NC174 Smith, Stephen C
25-TX304 Cochran, Kim
25-NC359 Smith, Stephen C
(ok to stack wtiH 12572)

WSR-EPA Region-FRD

25-CA69 Ennes, D. (Kearney)
25-CA70 Watkins, Seth
(reg 10)(stack w/12572)
25-CA71 Watkins, Seth
(reg 10)(stack w/12572)

CANADA-EPA Region-FRD



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13668	24-CAR14	A	MARCONI	NAA (AMVAC)	PLUM	PLUM SUBGROUP (12-12C)

Reason for Need: Rootstock suckers, basal trunk sprouts. NEED FOR SYSTEMIC LONG LASTING PRODUCT TO SUPPRESS SUCKER GROWTH AND REDUCE NUMBER OF CONTACT HERBICIDE SPRAYS AND HAND LABOR:07/23

Use Pattern: (PCR): USE THE TRE-HOLD SPROUT INHIBITOR A-112 PRODUCT; MAKE 2 SOIL DIRECTED BASAL APPLIC OF A 1% AI SOLUTION, V/V, 28-DAY INTERVAL; APPLY AS A DIRECTED SPRAY TO THE LOWER TREE TRUNKS AND IMMEDIATE SURROUNDING AREA; MAKE 1ST APPPLIC WHEN SUCKERS ARE LESS THAN 12 INCH; APPLY IN A DILUTE VOLUME OF UP TO 44 GPA, USING A NOZZLE THAT GENERATES COARSE DROPLETS, &DIRECT THE SPRAY TO THE BASE OF THE TREES; IF NEEDED RE-APPLY IN 60 DAY. Based on guidance on NAA from EPA, MFG suggests the use pattern include the following: Apply product as a directed spray to the lower tree trunks and up to 12 inches (1 foot) around the base of the tree, &phyto observations need to be collected in the residue trials:9/23;

IR-4 Residue Trial Plan: 5 10-5 11 12 (decline & processing)

Comments: This request was rec'd in Dec 2022 but determined to be an SSR. Since then, it was decided to consider as a New request, and the PCR rec'd date was adjusted. X-ref with PR# 03523 that had 1 residue study in 1991 and the project subsequently cancelled. Also, 3, non-IR-4 funded, e/cs field trials are currently be done in CA:07/23; MFG supports as "Researchable, Residue & E/CS Data Needed":08/23; AMVAC is comfortable with E/CS data and now supports as "Researchable, Only Residue Data Needed" Phyto observations will need to be collected in the residue trials:09/23/sb; EPA Green 12/23; Status updated to complete w ongoing trials 05/24/drs;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ID03 Meeks, Mr. Will
(repl of 24-ID144, no add'l \$)



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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>
12573	25-CAR04	A	WELKER	QUINCLORAC (ADAMA,ALBAGH)	PLUM	PLUM SUBGROUP (12-12C)

Reason for Need: FIELD BINDWEED, HEDGE BINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL

Use Pattern: (PCR): USE QUINSTAR 4L; APPLY FOLIAR TO EMERGED WEEDS THAT ARE WELL-ESTABLISHED; APPLY 0.375 LB AI/A IN A BAND DIRECTED TO THE SOIL AT THE BASE OF TREES ON EACH SIDE OF THE ROW, 2 APPLIC 15 DAYS APART; 30-DAY PHI; IF NEEDED INCLUDE 1% COC

IR-4 Residue Trial Plan: 5 10-4 12; 1 PROCESSING (PRUNE)

Comments: JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; EPA GREEN:09/19 & 08/20; MFG CHANGED TO POTENTIAL AT FUW (NEED MORE PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK), AND CONFIRMED THEY WILL SUPPORT REGISTRATION/USE IN CA:09/20; Status changed from "Potential: E/CS Data Before Approval for Residue Study" to "Covered By Another Project". Data is covered under P12572 Quinclorac/Peach 05/24/drs; Albaugh status update from Covered by Another Project to Researchable, Only Residue Data Needed:07/24/sb; EPA Caution:01/25/sb; Status updated to complete w ongoing trials 04/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-MI144 Wheeler, Celeste
25-MI228 Wheeler, Celeste

25-CA37 Ennes, D. (Kearney)
25-CA38 Ennes, D. (Kearney)
25-CA35 Watkins, Seth
25-CA36 Watkins, Seth
(processing)
25-OR256 Rasmussen, Ann
(Reg 12)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12051	25-TBD	A	MARCONI	GLUFOSINATE (BASF,UPL NA)	CANEBERRY	CANEBERRY SUBGROUP (13-07A)

Reason for Need: ANNUAL, BIENNIAL, AND PERENNIAL BROADLEAF AND GRASS WEEDS THAT ESCAPE WINTER WEED CONTROL STRATEGIES; FOR YEAR-LONG WEED CONTROL PROGRAM; ALTERNATIVE TO PARAQUAT AND GLYPHOSATE; NEEDED FOR RESISTANCE MANAGEMENT

Use Pattern: (PCR): USE THE RELY PRODUCT; MAKE 2 POST-EMERGENCE DIRECTED, FOLIAR APPLIC OF 1.5 LB AI/A, 30-DAY INTERVAL, 14-DAY PHI; FIRST APPLIC TO BE MADE BEFORE EMERGENCE OF NEW PRIMOCANES; SECOND APPLIC MUST AVOID DESIRABLE FOLIAGE AND PRIMOCANES

IR-4 Residue Trial Plan: 1/2 5/6 12-3; 1 DECLINE (POSSIBLE RESIDUES, DECLINE AND CODEX NEED FOR BLACKBERRY DATA?)

Comments: KEY EXPORT MARKETS INCLUDE CANADA, JAPAN, TAIWAN, AUSTRALIA:08/16; IS EPA CAUTION:09/16; MFG SUPPORTS, BUT NEED E/CS DATA BEFORE RESIDUE STUDY; MFG ENCOURAGES JOINT STUDY WITH CANADA:09/16; COULD COVER PR# 05299, OR BE COVERED BY 05299:06/17; P12051 ALSO COVERS P5299:04/18; STATUS UPDATED TO RESEARCHABLE, E/CS ON-GOING; RESIDUE DATA NEEDED:10/22; EPA HOLD CAUTION:08/23; E/CS Data on-going updated to Under Eval to determine if we can move forward with Residue:08/24/sb; BASF 2024 workshop status update to Researchable, Only Residue Data Needed:09/24/sb; EPA (HOLD) CAUTION:01/25/sb; Status changed from Researchable Residue only to Complete w ongoing trials 04/25/ds

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OH224 Robinson, Allison
(raspberry)
25-OH*225 Horst, Leona
(blackberry)(decline)

25-NC154 Smith, Stephen C
(blackberry)

25-OR253 Robinson, Matthew
(blackberry)(Reg 12)
25-OR254 Robinson, Matthew
(blackberry)(Reg 12)
25-OR255 Robinson, Matthew
(raspberry)(Reg 12)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13825	25-CANADA	A	JONES	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

IR-4 Residue Trial Plan: 1 2-3 5-3 12; 1 DECLINE. NAFTA: 1 2 5-2 12-4 (1 DECLINE)

Comments: Key export with Canada; Bayer supports as Researchabel, 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;

NER-EPA Region-FRD

25CNJ126 Fisher, Jennifer

NCR-EPA Region-FRD

25COH012 Robinson, Allison

SOR-EPA Region-FRD

25CGA*018 Fraelich, Ben
25CNC125 Smith, Stephen C

WSR-EPA Region-FRD

25COR019 Robinson, Matthew
(Reg 12)
25COR015 Robinson, Matthew
(Reg 12)(decline)

CANADA-EPA Region-FRD

25CBC013 Clodius, Markus
25CBC014 Clodius, Markus
25CNS017 Bittner, Lori
25CQC016 Cloutier, Dominic



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12611	24-CAR06	A	WELKER	QUINCLORAC (ADAMA,ALBAGH)	GRAPE	SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT (13-07F)

Reason for Need: FIELD BINDWEED, HEDGE BINDWEED, CANADA THISTLE, CRABGRASS, BARNYARDGRASS, FOXTAIL; OTHER POST HERBICIDES ARE NOT EFFECTIVE AGAINST THESE WEEDS; PER NJ ME-TOO REQUEST, OPTIONS FOR CONTROLLING CLOVER AND BINDWEED IN GRAPE ARE NON-EXISTENT, AND QUINCLORAC WOULD BE A GOOD FIT FOR CONTROLLING THESE INCREASINGLY TROUBLESOME WEEDS; PER NY ME-TOO REQUEST: CONTROL OF PERENNIAL VINING WEEDS LIKE BINDWEED IS DIFFICULT DUE TO LIMITED HERBICIDE OPTIONS

Use Pattern: (PCR): USE THE QUINSTAR PRODUCT; MAKE 2 APPLIC OF 0.375 LB AI/A, POST DIRECTED TO WEEDS AT BASE OF GRAPE PLANTS; 30-DAY INTERVAL, 30-DAY PHI; APPLY IN A BAND AS A DIRECTED SPRAY, AVOIDING CONTACT WITH CROP LEAVES

IR-4 Residue Trial Plan: 1-2 10-5 11/12-2, RAISINS & JUICE ARE NEEDED, NO DECLINE. 2025 - 3 RED A (2 NEED & 1 BACKUP) TRIAL

Comments: NO EXPORT MARKETS NOTED:08/18; EPA GREEN:09/19; MFG CHANGED FROM UNDER EVAL TO POTENTIAL AT FUW:09/24/19; PROMISING PERFORMANCE DATA OBSERVED FROM YEAR 1 AND CURRENTLY WE ARE IN YEAR 2 OF THE STUDY:08/22; STATUS UPDATED TO RESEARCHABLE, E/CS ON-GOING; RESIDUE DATA NEEDED:10/22; EPA GREEN: 08/23; mfg updated status at the 2023 FUW from researchable, e/cs on-going, residue data needed, to Researchable, only Residue Data Needed:09/23/sb; this study rec'd a "B" priority at the 2023 FUW and was upgraded to an "A" as a result of studies needed to replace others removed for ChecmSACs:01/24/sb; Status updated to complete w ongoing trials 05/24/drs;

NER-EPA Region-FRD

25-NJ195 Fisher, Jennifer

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

25-CA40 Leach, Nathan
25-WA310 Peng, Wilson

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12518	25-FLR04	A	BYRTUS	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

IR-4 Residue Trial Plan: ANY 4

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;

<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-MD136 Ross, Marylee	25-OH*227 Horst, Leona 25-WI333 Chapman, Scott	25-FL86 Thomas, Darrell	25-CA28 Ennes, D. (Kearney)	



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13829	25-CAR08	A	MACARI	FLUAZINAM (ISK,SYNGEN)	CRANBERRY	LOW GROWING BERRY SUBGROUP, EXCEPT STRAWBERRY (13-07H)

Reason for Need: pathogens that create fruit rot disease complex. fruit rot is a challenging disease to manage and can require multiple fungicide applications per year, recent losses of broad spectrum tool, limited FRAC groups for resistance management rotations (fluazinam would be a novel group for cranberry):07/24; WA-Limited FRAC groups increases chances of resistance in WA. High need for this product:07/24; WI-Limited FRAC groups for fruit rot control in cranberry:07/24;

Use Pattern: (PCR): Use Omega 500; 20-40 fl. oz/A; 3 foliar applications @ 7-day interval; PHI: 50 days; ISK suggests Omega to be applied at a rate range of 16 to a max of 24 fl oz/A:07/24/sb

IR-4 Residue Trial Plan: 1-2 5-2 12; 1 DECLINE

Comments: Key Export Markets: EU, Canada, Great Britain, and many others. Requestor would like to primarily evaluate field rot (pre-harvest) but if resources available they also like to evaluate storage fruit rot (post-harvest). There is a minor possibility of phyto depending on the rates:07/24; ISK supports as Researchable, Only Residue Data Needed":07/24/sb; EPA CAUTION:08/24;

<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-MA130 (decline)	Sylvia, Marty	25-WI338	Heider, Daniel J.		25-OR264 (Reg 12)	Rasmussen, Ann
25-MA201	Sylvia, Marty	25-WI339	Heider, Daniel J.			
		25-WI340	Heider, Daniel J.			



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
09095	25-CAR02	A	MACARI	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

IR-4 Residue Trial Plan: 10-5; 1 DECLINE

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-CA19	Ennes, D. (Kearney)
25-CA20	Turner, B.(Turner Ag)
25-CA21	Turner, B.(Turner Ag)
25-CA22	Turner, B.(Turner Ag)
25-CA23	Watkins, Seth
(decline)	



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13705	24-CAR15	A	MARCONI	NAA (AMVAC)	HAZELNUT (FILBERT)	TREE NUT GROUP (14-12)

Reason for Need: Hazelnut suckers control, NAA has lower volatility when compared to 2,4-D, and can be used safely in season with reduced concerns of crop damage. As it suppresses sucker growth for up to four weeks, it can help reduce the number of applications per season targeting suckers. We are also mixing NAA with latex paint and applying to the trunk to suppress suckers and water sprouts:08/23

Use Pattern: (PCR): Copied from PR# 13065; USE THE TREE-HOLD SPROUT INHIBITOR A-112 PRODUCT; MAKE 2 SOIL DIRECTED BASAL APPLIC OF A 1% AI SOLUTION, V/V, 28-DAY INTERVAL; NO PHI NOTED; APPLY AS A DIRECTED SPRAY TO THE LOWER TREE TRUNKS AND IMMEDIATE SURROUNDING AREA; MAKE 1ST APPLIC WHEN SUCKERS ARE LESS THAN 1 INCH (USUALLY APRIL TO EARLY MAY IN THE WILLAMETTE VALLEY); APPLY IN A DILUTE VOLUME OF UP TO 44 GPA, USING A NOZZLE THAT GENERATES COARSE DROPLETS, AND DIRECT THE SPRAY TO THE BASE OF THE TREES; IF NEEDED RE-APPLY IN 28 DAYS; DO NOT APPLY BY AIR; DO NOT ALLOW SPRAY TO SPLASH OR DRIP ONTO OTHER PARTS OF THE TREE; CHANGE IN THE USE PATTERN AS AGREED BY REQUESTER AND REGISTRANT- 2 APPLIC, 30 DAYS RETREATMENT INTERVAL; 45 DAYS PHI:04/22; Based on guidance on NAA from EPA, MFG suggests the use pattern include the following: Apply product as a directed spray to the lower tree trunks and up to 12 inches (1 foot) around the base of the tree:09/23

IR-4 Residue Trial Plan: Any 4

Comments: The residue project for this study was canceled under PR# 13065, with performance still ongoing, and a new pcr & # was needed to review for residue again, which was rec'd:8/23; Mfg supports as "Researchable, Residue & E/CS Data Needed:08/23; Mfg updated support at 2023 FUW from Researchable, Residue & E/CS data Needed to "Residue only", but with phyto observations with the residue:09/23/sb; EPA Green 12/23; Status updated to complete w ongoing trials 05/24/drs; E/CS completed under PR# P13065, which will now be covered under this PR# 13705:06/24/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OR02 Robinson, Matthew
repl for 24-OR271, no \$ needed)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13664	24-CAR13	A	BYRTUS	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

IR-4 Residue Trial Plan: Any 4. 2025 - 2 RED A (1 NEED & 1 BACKUP) TRIAL

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-CA45	Turner, B.(Turner Ag)
25-CA46	Turner, B.(Turner Ag)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13830	25-CAR09	A	DINEEN	CYANTRANILIPROLE (FMC)	CLOVER (SEED CROP)	NONGRASS ANIMAL FEEDS GROUP (18)

Reason for Need: Clover seed weevil (CSW). Resistance to current management pesticides (bifenthrin & malathion) have developed and new controls for CSW are critical for the white clover seed industry:07/24;

Use Pattern: (PCR): Apply Exirel once as a broadcast foliar spray at 20.5 fl oz/A and 30 day PHI

IR-4 Residue Trial Plan: 11/12-5; 1 DECLINE

Comments: Not an export commodity. This request is for seed production, and clover seed fields are used for silage and grazing:07/24; FMC has request this project be placed on a (Mfg) Hold at this time:08/24/sb; EPA CAUTION:08/24; FMC supported change from HOLD to Need E/CS Data Only at the 2024 FUW:09/24/sb; at 2024 workshop, further FMC update to Researchable, Only Residue Data Needed:09/24/tp&sb; project added during the 2024 workshop:09/24/sb; Protocol signed & status changed from "Researchable, Only Residue Needed" to "Complete with ongoing trials 01/25/ds;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ID121 Meeks, Mr. Will
 25-OR265 Rasmussen, Ann
 (decline)(delayed until 2026)
 25-OR266 Rasmussen, Ann
 (delayed until 2026)
 25-WA*318 Larson, Duane
 25-WA319 Peng, Wilson
 (ok to stack with 13092.24-WA315)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13092	24-GPR02	A	DINEEN	NORFLURAZON (TKI)	CLOVER (SEED CROP)	NONGRASS ANIMAL FEEDS GROUP (18)

Reason for Need: BUCKHORN PLANTAIN; THERE ARE NO CURRENTLY REGISTERED HERBICIDES ON CLOVER FOR SEED THAT GIVE SUITABLE CONTROL OF BUCKHORN PLANTAIN

Use Pattern: (PCR): USE THE SOLICAM PRODUCT; MAKE 1 FOLIAR BROADCAST APPLIC OF 1.0-1.25 LB AI/A; APPLY AFTER 1 TRIFOLIATE AFTER PLANTING; 28-DAY PHI

IR-4 Residue Trial Plan: 11/12-5 (HAY AND FORAGE FROM EACH TRIAL); NEED 1 TRIAL AS A DECLINE (FORAGE ONLY AT EACH SAMPLING DATE). 2025 - 2 RED A (1 NEED & 1 BACKUP) TRIAL

Comments: NO KEY EXPORT MARKETS NOTED:07/20; HQ NOTES THAT THE SOLICAM DF LABEL ONLY CLAIMS SUPPRESSION OF PLANTAIN SPECIES, EVEN UP TO 5 LB PRODUCT/A (3.93 LB AI/A), AND HAS A 90-DAY RESTRICTION ON GRAZING OR HARVESTING OF SOYBEAN FORAGE OR HAY:08/20; TKI CONFIRMED BY EMAIL THAT STATUS CAN BE CHANGED TO RESEARCHABLE, RESIDUE ONLY:09/20: EPA HOLD:12/20; CAT CHANGED FROM RESEARCHABLE, ONLY RESIDUE DATA NEEDED CHANGED TO EPA HOLD:12/20; PRIORITY A SELECTED AT 2020 WORKSHOP AND REMOVED DUE TO EPA HOLD:01/21;Status changed from EPA HOLD to Researchable: Residue Only for the purposes of assigning trials before we can get confirmation from the EPA in terms of stoplight analysis: 10/23, JPB; EPA Caution (2023), so study will move forward:12/23/sb; EPA Yellow, 12/23; Status updated to complete w ongoing trials 02/24/DRS;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OR258 Rasmussen, Ann
(converted to decline)
25-OR259 Rasmussen, Ann



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13854	25-FLR11	A	WELKER	BROMOXYNIL (BAYER,NUFARM)	CANOLA	RAPESEED SUBGROUP (20A)

Reason for Need: Broadleaf weeds, especially kochia. Data from field trials indicate good efficacy against small kochia. There is no residual impact in soil. A single application should be sufficient. We intend to always tank mix the product with another mode of action for product stewardship:07/24; ND-Canola growers need herbicides that will control resistant kochia and other weeds prior to crop emergence. This product will also greatly aid other oilseeds, such as flax:09/24;

Use Pattern: (PCR): Make one broadcast application of bromoxynil at 0.25 lb ai/a prior to seeding canola or after seeding but prior to canola emergence.

IR-4 Residue Trial Plan: 2 5-2 7-2 11-3; 1 DECLINE & 1 PROCESSING (MEAL, OIL)

Comments: Prior conversations with requester indicated he sees sufficient crop safety:07/24; NuFarm supports as Researchable, Residue & E/CS Data Needed:09/24/sb; Nufarm advised status update from Researchable, Residue & E/CS Data Needed to Researchable, Only Residue Data Needed:10/24/sb; EPA Caution:01/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-ND185 Jia, Quan Zai
(processing)(Reg 7)
25-ND186 Jia, Quan Zai
(Reg 7)
25-OH*239 Horst, Leona
25-OH240 Robinson, Allison
(decline)

25-NC177 Smith, Stephen C
25-NC178 Smith, Stephen C
25-NC179 Smith, Stephen C

25-ID123 Meeks, Mr. Will
25-WA*322 Larson, Duane
25-WA323 Peng, Wilson



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13875	25-FLR13	A	WELKER	BROMOXYNIL (BAYER,NUFARM)	SUNFLOWER	SUNFLOWER SUBGROUP (20B)

Reason for Need: Broadleaf weeds, especially kochia. Kochia has developed resistance to key herbicides used for preplant/preemergence burndown applications, including Express (Group 2), Roundup (Group 9), and Sharpen/Aim Group 14. The only effective burndown herbicide remaining is paraquat, which some growers prefer not to use. We need another burndown product that effectively controls kochia, but yet has little to no residual that could damage the crop:07/24; TX-Sunflower producers need additional tools for managing broadleaf weeds for preventing and managing resistance among weeds to currently labelled products:08/24; ND-Sunflower growers need herbicides that will control resistant kochia and other weeds prior to crop emergenc:09/24;

Use Pattern: (PCR): Make one broadcast application of bromoxynil at 0.25 lb ai/a prior to seeding sunflower or after seeding but prior to sunflower emergence.

IR-4 Residue Trial Plan: 5-3 7-4 8; 1 DECLINE & 1 PROCESSING (MEAL, OIL); NAFTA: 5-3 7-3 8 14 (1 DECLINE & 1 PROCESSING MEAL, REFINED OIL)

Comments: Key Export Markets: Canada, Mexico, Spain & South Korea:07/24; NuFarm supports as Researchable, Residue & E/CS Data Needed:09/24/sb; Canada must work with Bayer:10/24/sb; NuFarm supports as Researchable, Residue & E/CS Data Needed:09/24/sb; Nufarm advised status update from Researchable, Residue & E/CS Data Needed to Researchable, Only Residue Data Needed:10/24/sb; EPA Caution:01/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 25-ND190 Jia, Quan Zai
(confectionary)
- 25-ND191 Jia, Quan Zai
(confectionary)
- 25-ND192 Gauderman, Tom
(oil seed)
- 25-OH*244 Horst, Leona
(confectionary)
- 25-OH245 Robinson, Allison
(confectionary)
- 25-WI348 Chapman, Scott
(oil seed)(processing)
- 25-WI349 Heider, Daniel J.
(oil seed)(decline)

- 25-NM212 Robbins, Chanz
(confectionary)(Reg 8)

- 25-QC282 Cloutier, Dominic
(oil seed)
- 25-SK296 Adams, Erin
(oil seed)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13735	25-CAR07	A	MACARI	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

IR-4 Residue Trial Plan: ANY 4; 1 PROCESSING (DRIED)

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-CA50	Turner, B.(Turner Ag)
25-CA51	Turner, B.(Turner Ag)
25-CA52	Watkins, Seth
25-CA53	Watkins, Seth
(processing)	



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13776	24-FLR12	A	WELKER	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	GUAVA	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B)

Reason for Need: Colletotrichum, Alternaria, Pestalotiopsis, Cephaleuros (algae); Guava acreage is increasing, there are few active ingredients labeled which do not cover the extended fruiting season of this crop (~5-6 months from flowering) - two harvests per year. There is a need for a different FRAC that can be use in a rotation program:09/23

Use Pattern: (PCR): Use Miravis Prime; 3.4 fl oz/A; Foliar spray; 8 applications; RTI: 14 days; PHI:30 days; Syngenta would support 13.4 fl oz/A (not 3.4 fl oz/A) at total of 2 (not 8 applications) foliar applications, 14-day RTI and 30-day PHI for Alternaria control. There would need to be efficacy data provided for this crop if registration is needed in CA. And, If the DFU's match, Syngenta already has a tolerance established for fludioxonil on guava for 5.0 ppm (IR-4 study 07127 where applications of Switch 62.5 WG were applied 4X at 0.219 lb FDL/A. There are RTIs at 7 days, 21 days, and 7 days between each application and a PHI of 0 days):09/23

IR-4 Residue Trial Plan: ANY 4. 2025 - 3 RED A (2 NEED & 1 BACKUP) TRIAL

Comments: Mfg supports as "Researchable, Residue & E/CS Data Needed", with data needed on colletotrichum, algae & pestalotiopsis, and If the DFU's match, Syngenta already has a tolerance established for fludioxonil on guava for 5.0 ppm (IR-4 study 07127 where applications of Switch 62.5 WG were applied 4X at 0.219 lb FDL/A. There are RTIs at 7 days, 21 days, and 7 days between each application and a PHI of 0 days):09/23; EPA 13776, 12/23; Status changed from "Researchable, Residue & E/CS Data Needed"to "E/CS ongoing" 02/24/DRS; Status changed to "Residue ongoing ECS ongoing" 03/24/DRS;

<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-PR276 Robles Vazquez, W.	25-HI113 Kam, James	
		25-PR277 Robles Vazquez, W.		



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
08266	24-FLR02	A	PIKE	PYRIDABEN (GOWAN)	LYCHEE	TROPICAL AND SUBTROPICAL, SMALL FRUIT, INEDIBLE PEEL SUBGROUP (24A)

Reason for Need: MITES, WHITEFLIES, MEALY BUGS, LYCHEE RUST MITE

Use Pattern: (PCR):

IR-4 Residue Trial Plan: ANY 4. 2025 - 3 RED A (2 NEED & 1 BACKUP) TRIAL

Comments: MFG OK FOR MITES & WHITEFLIES; NEED EFFICACY DATA ON MEALY BUGS:06/02; MFG HOLD:05/05; AI IS IN REG. REVIEW WITH EXPECTED COMPLETION IN 2018; NEW USES ON-HOLD UNTIL REG REVIEW IS COMPLETED:07/14; MFG DOES NOT SUPPORT:07/17; PROJECT STATUS CHANGED FROM "MFG WILL NOT SUPPORT" TO "RESEARCHABLE" AFTER CONFIRMATION FROM GOWAN:02/22; EPA GREEN: 08/22; YELLOW 08/23; Status changed from "Researchable, Residue and E/CS data needed" to "Complete with ongoing trials" until performance protocol is signed 02.24.DRS; Status changed to Residue ongoing E/CS 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-PR269 Robles Vazquez, W.
25-PR270 Robles Vazquez, W.

25-HI106 Zhang, Zhening



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13771	24-TIR06	A	DINEEN	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

IR-4 Residue Trial Plan: UP TO 3 TRIALS IN 13 AND A MINIMUM OF 2 TRIALS IN 10; NEED A TOTAL OF 5 TRIALS;1 DECLINE. 2025 - 2025 - 2 RED A (1 NEED & 1 BACKUP) TRIAL

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-PR275 Robles Vazquez, W.

25-CA54 Leach, Nathan



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13820	25-FLR09	A	MACARI	ORTHOSULFAMURON (NAI)	POMEGRANATE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: Pre-emergence control of hairy fleabane, marestalk, black nightshade, pre-emergence partial control of yellow nutsedge, junglerice; post-emergence suppression fleabane, marestalk.replacement for glyphosate, alternative to glufosinate:06/24;

Use Pattern: (PCR): Apply Craze once per year, either dormant or in-season, at 5.7 to 8.6 oz of product/acre, as a broadcast or directed spray to orchard floor. Do not apply within 90 days of harvest. Do not apply to weak or stressed trees. Do not apply to soils with >75% sand content. Follow other labeled instructions for Crop Group 14-12, tree nuts; note: We might want to add the following: Product is registered with matching use pattern for tree nuts (14-12), small fruit climbing subgroup, except fuzzy kiwifruit (13-07F) and non-bearing stone fruits (12-12);

IR-4 Residue Trial Plan: ANY 4

Comments: Key Exports: Korea, Japan, EU, Canada, Australia; Nichino supports as Reseachable, only Residue Data Needed:07/24/sb; EPA CAUTION:08/24;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CA59	Watkins, Seth
25-CA60	Leach, Nathan
25-CA61	Watkins, Seth
25-CA62	Ennes, D. (Kearney)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11693	24-CAR22	A	PIKE	TRIFLOXYSTROBIN + FLUOPYRAM (BAYER)	POMEGRANATE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: BLACK HEART/ALTERNARIA ROT/ROT OF FRUIT, COLLETOTRICHUM, CERCOSPORA, BOTRYOSPHERA, PILIDELIA, OTHER FUNGAL PATHOGENS OF FRUIT AND FOLIAGE

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

IR-4 Residue Trial Plan: ANY 4. 2025 - 1 RED A DECLINE BACKUP TRIAL REQUESTED

Comments: ONLY TWO COMPOUNDS ARE REGISTERED, WITH QUESTIONABLE EFFICACY AGAINST BLACK HEART:06/15; FLUOPYRAM IS EPA CAUTION:08/15; NEED THIS AS A ROTATIONAL PRODUCT IN A SUSTAINABLE DISEASE MANAGEMENT PROGRAM FOR FOLIAR AND FRUIT DISEASES IN SOUTHEAST STATES:09/15; FLUOPYRAM IS AN EPA GREEN:08/16; TRIFLOXYSTROBIN & FLUOPYRAM-EPA CAUTIONS:08/17; EPA GREEN:09/18; EPA CAUTION (BOTH) CHANGED TO EPA GREEN (BOTH):09/19; MFG NOW NEEDS ONLY RESIDUE DATA:06/20; EPA GREEN (BOTH): 08/20, 08/21, 08/22, 08/23; IR-04 has approved the addition of this study to the 2024 research plan is IR-4 has the capacity to carry out the trials, and the Priority has been updated from a B to an A:2/24/sb; status updated from "researchable res only" to "complete w ongoing trials" 07/24/2drs

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CA24 Leach, Nathan
(decline)



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13639	25-CAR06	A	MACARI	FLUAZINAM (ISK,SYNGEN)	DRAGON FRUIT (PITAYA)	TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D)

Reason for Need: "Stem and Fruit Canker Disease" caused by the fungal pathogen Neoscytalidium dimidiatum; There are only two other fungicide compounds registered: Azoxystrobin (group 11) and Cyprodinil + Fludioxonil(groups 9 and 12). No enough to cover the 36 weeks in the season (start flowering March to last harvest in November). 18 weeks can be protected with conventional pesticides if these are applied in 14-day intervals, which leaves several critical weeks ~4-5 months without protection. We need more chemicals that can be added to the rotation:06/23; HI-New outbreaks of plant diseases spreading throughout the island. Unknown pathogen by likely Stem & Fruit Canker Disease:04/25;

Use Pattern: (PCR): Rate: 20 fl. oz/A ; Foliar/spray application; 2-4 applications per year; 14 days re-treatment interval. ISK recommends 4 applications of 13.8 fl. oz/A at 14-day intervals:10/24/sb

IR-4 Residue Trial Plan: ANY4

Comments: ISK supports request as Potential: E/CS Data Before approval for Residue:07/23/sb; EPA GREEN: 08/23; E/CS is being covered under IS00445:05/24/sb; Upgraded from a "H" priority to an "H+" during the 2025 Pups & RUs process:10/24/sb; ISK has updated their support from Potential: E/CS Data Before Approval for Residue to Researchable, Residue & E/CS Data Needed so priority changed from a H+ to an A:10/17/24; EPA Caution:01/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-S*283	TBD-SOR	25-CA44	Leach, Nathan
25-S*284	TBD-SOR	25-HI112	Kam, James



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(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13305	24-FLR04	A	PIKE	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.)

IR-4 Residue Trial Plan: Any 4. 2025 - 2025 - 2 RED A (1 NEED & 1 BACKUP) TRIAL

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-PR273 Robles Vazquez, W.
25-PR274 Robles Vazquez, W.

25-HI109 Kam, James



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(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13046	21-YAR06	A	MARCONI	MEFENOXAM (SYNGEN)	PASSIONFRUIT	TROPICAL AND SUBTROPICAL, VINE, INEDIBLE PEEL SUBGROUP (24E)

Reason for Need: ROOT ROT (NECTRIA FUNGI AND OTHERS); NOTHING REGISTERED TO CONTROL ROOT ROT SPECIFICALLY

Use Pattern: (PCR): USE THE RIDOMILGOLD SL PRODUCT; MAKE 4 SOIL-ROOT DRENCH DIRECTED APPLIC OF 1.5-3 PT PRODUCT/A, 30-60 DAY INTERVAL, 7-DAY PHI; BEGIN APPLIC DURING THE RAINY SEASON; IF POSSIBLE AVOID DRENCHING JUST PRIOR TO A HEAVY RAINFALL EVENT; DO NOT OVER IRRIGATE POST APPLIC; MFG SUGGESTS ONLY 2 APPLIC:09/20

IR-4 Residue Trial Plan: ANY 4, 2025 3 RED A's

Comments: NO KEY EXPORT MARKET NOTED; THERE ARE CURRENT LABELED USES ON TROPICAL FRUIT AND AVOCADO WITH USE PATTERNS TO BE CONSIDERED FOR PASSIONFRUIT; SEE PR# 13047 FOR MEFEENOXAM + MANCOZEB (COULD COVER THIS MEFENOXAM REQUEST WITH THE COMBO AI PROJECT) AND PR# 13051 FOR MANCOZEB ALONE:06/20; MFG SUPPORTS, BUT NEEDS TO FURTHER UNDERSTAND THE TARGET PATHOGENS (NECTRIA MAY NOT BE SUPPORTED):09/20; EPA GREEN:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-PR271 Robles Vazquez, W.
25-PR272 Robles Vazquez, W.

25-HI107 Kam, James



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13843	25-TIR04	A	MACARI	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.

IR-4 Residue Trial Plan:

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

25-MD142 Ross, Marylee

NCR-EPA Region-FRD

25-WI344 Chapman, Scott

SOR-EPA Region-FRD

25-FL95 Thomas, Darrell
25-GA*104 Fraelich, Ben

WSR-EPA Region-FRD

25-WA*321 Larson, Duane

CANADA-EPA Region-FRD



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Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13831	25-TBD	A	DINEEN	LINURON (TKI)	BASIL	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

Reason for Need: Copied from 10221: Annual Weeds:07/24/sb;

Use Pattern: (PCR): Copied from 10221: 0.25-0.5 LB/A; 1 SOIL APPLIC; 60-DAY PHI; APPLY TO SOIL AFTER SEEDING:07/24/sb

IR-4 Residue Trial Plan: ANY 4

Comments: This was an initial study under PR# 10221, but due to analytical concerns we have been unable to complete. We hope to address analytical issues, but do not know if we will be successful. Therefore, this new PR# was created and will have to be re-prioritized, if we are able to address the analytical issues and there is still a need:07/24/sb; SSR names copied over from 10221, and E/CS rpts can be viewed under PR#10221:07/24/sb; TKI supports as Researchable, Only Residue Data Needed:07/24/sb; Residue ongoing 12/24/ds; EPA Caution:01/25/sb;

NER-EPA Region-FRD

25-MD140 James Hickman, Mega

NCR-EPA Region-FRD

SOR-EPA Region-FRD

25-FL93 Long, Michael
25-SC*295 Wade, Paul

WSR-EPA Region-FRD

25-CA*65 Benzen, Ms. Sharon D.
25-CA66 Ennes, D. (Kearney)

CANADA-EPA Region-FRD



2025 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13866	25-CAR12	A	WELKER	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

IR-4 Residue Trial Plan: ANY 4

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OH*243 Horst, Leona
25-WI347 Chapman, Scott

25-FL97 Thomas, Darrell
25-NC180 Smith, Stephen C

25-NM211 Robbins, Chanz



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(Order by Crop Group, Commodity, Chemical)

Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13856	25-CAR11	A	WELKER	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

IR-4 Residue Trial Plan: 5-2 11-3; 1 PROCESSING (OIL)

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OH241	Robinson, Allison
25-OH*242	Horst, Leona
25-WI346	Chapman, Scott
(processing)	

25-WA324	Peng, Wilson
25-WA325	Peng, Wilson
25-WA326	Peng, Wilson



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(Order by Crop Group, Commodity, Chemical)

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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>
13733	24-ADP01	A	DINEEN	LINURON (TKI)	STEVIA	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

Reason for Need: Copied from 12811/WINTER ANNUAL AND BIENNIAL WEEDS; THERE ARE CURRENTLY NO HERBICIDES REGISTERED FOR CONTROLLING WINTER WEEDS IN ESTABLISHED STEVIA

Use Pattern: (PCR): Copied from 12811/USE LINEX; MAKE 2 SOIL BROADCAST APPLIC OF 2 PT/A IN WINTER MONTHS, 30-45 DAY INTERVAL, 60-DAY PHI; INCLUDE A NON-SELECTIVE HERBICIDE, SUCH AS PARAQUAT, IN EACH APPLIC IN ORDER TO MANAGE EMERGED WEEDS

IR-4 Residue Trial Plan: ANY 4 (FRESH & DRIED). 2025 - 1 RED A BACKUP TRIAL REQUESTED

Comments: This was an initial study under PR# 12811 but due to analytical concerns the study will need to be repeated. Therefore, this new PR# was created and will have to be reprioritized to assure there is still a need:08/23/sb; Mfg gave support at the 2023 FUW as Researchable, Only Residue Data Needed:09/23/sb; EPA Yellow, 12/23;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-CA48	Ennes, D. (Kearney)
25-CA*49	Benzen, Ms. Sharon D.



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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>
13635	24-FLR06	A	PIKE	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.

IR-4 Residue Trial Plan: ANY 4 (PROCESSING). 2025 - 2 RED A (1 NEED & 1 BACKUP) TRIAL

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-HI110	Kam, James
25-HI111	Kam, James



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Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13179	23-ADP01	A	BYRTUS	BENZOVINDIFLUPYR + DIFENOCONAZOLE (SYNGEN)	COFFEE	MISC GROUP (99)

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

Use Pattern: (PCR): USE APPROVIA TOP PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.068 LB AI BENZO + 0.163 LB AI DIFEN/A, APPLIED AT A 7-14 DAY INTERVAL, 14-DAY PHI

IR-4 Residue Trial Plan: 13-5 (NEED 1 PROCESSING)(1 DECLINE). 2025 - 1 RED A BACKUP TRIAL REQUESTED

Comments: A KEY EXPORT MARKET IS NOTED AS JAPAN; FOR BENZOVINDIFLUPYR THERE IS A COFFEE, GREEN BEAN, TOLERANCE BUT NO REGISTRATION IN THE U.S.; THERE IS NO COFFEE TOLERANCE FOR DIFENOCONAZOLE; INT'L DATA MAY BE AVAILABLE TO SUPPORT THE U.S. USE; THE REQUESTED USE PATTERN LINES UP WITH OTHER CROPS FOR CONTROL OF RUST DISEASES; MFG SUPPORTS THE REQUEST, RESIDUE AND E/CS DATA NEEDED; MFG HAS REGISTRATION IN BRAZIL AND IS WORKING ON REGISTRATIONS IN OTHER LATIN AMERICAN COUNTRIES; MFG MAY BE ABLE TO PROVIDE FIELD/LAB RESEARCH ASSISTANCE, AND IS CONSIDERING FINANCIAL SUPPORT:10/20; EPA GREEN:08/21; SYNGENTA REQUESTING ADDITIONAL E/CS DATA TO SUPPORT THE USE PATTERN; TO SUPPORT THIS USE IN COFFEE WOULD REQUIRE RESIDUE TRIALS FOR BOTH ACTIVES AND FOUR TRIAZOLE METABOLITES; THE WATCHOUT IS CODEX MRL ALREADY ESTABLISHED, SO THERE IS RISK THAT A NEW RESIDUE TRIAL COULD TRIGGER A HIGHER MRL WHICH COULD RESULT IN TRADE ISSUES: 08/22

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-HI108 Kam, James



2025 Tentative/Scheduled Studies Residue Only

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Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13901	25-CAR14	A	DINEEN	SPIROTETRAMAT+PYRIPRO XYFEN (VALENT)	HEMP	MISC GROUP (99)

Reason for Need: rice root aphid / root zone. there are few products available for control of insects on hemp:08/24; FL-Root aphids are the # one priority for the GH Hemp industry:08/24; NY-Root aphids are a GH issue for Hemp:08/24; KY-Best fit for this need in GH and field:08/24;

Use Pattern: (PCR): Apply Senstar twice as a sprench at 18 fl oz/A; 14-day RTI; 1-day PHI

IR-4 Residue Trial Plan: 5-FIBER/SEED; 3-CBD 2-GH; 1 DECLINE (FIBER/SEED) & 2 PROCESSING (1 EACH SEED & CBD)

Comments: Requester is primarily looking at GH. Efficacy and crop safety trials were conducted under IS00386:08/24; at the 2024 FUW, Valent gave support as Researchable, Residue & E/CS data needed, and EPA confirmed this is a (Hold) Caution for both ai's :09/24/sb; EPA (HOLD) CAUTION:01/25/sb;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-OH246 (fiber/seed)	Robinson, Allison	25-NC75 (cbd)(gh)	Smith, Stephen C	25-CA76 (cbd)(field)	Leach, Nathan
25-OH247 (cbd)(gh)	Robinson, Allison	25-NC181 (cbd field)(processing)	Smith, Stephen C	25-CA77 (cbd)(field)	Ennes, D. (Kearney)
25-OH248 (fiber/seed)	Robinson, Allison	25-NC182 (cbd field)	Smith, Stephen C		
25-WI351 (fiber/seed)	Heider, Daniel J.				
25-WI352 (fiber/seed)(processing)	Heider, Daniel J.				
25-WI353 (fiber/seed)(decline)	Chapman, Scott				
25-WI354 (fiber/seed)	Chapman, Scott				



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13879	25-CAR13	A	DINEEN	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.

IR-4 Residue Trial Plan: ANY 4

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

25-WI350 Heider, Daniel J.

25-ID126	Meeks, Mr. Will
25-OR268	Rasmussen, Ann
25-WA328	Peng, Wilson
25-WA329	Peng, Wilson



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Print Date: 4/16/2025

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13821	25-TBD	A	MARCONI	GLUFOSINATE-P (BASF)	SUGARCANE	MISC GROUP (99)

Reason for Need: Itchgrass [Rottboellia cochinchinensis (Lour.). Currently, the sugarcane industry is limited to paraquat for non-selective weed control utilizing post-directed/shielded/hooded applications. With concerns about the future of paraquat's registration status, other herbicide options are needed. Glufosinate-ammonium may also provide benefits in controlling troublesome broadleaf weeds such as divine nightshade [Solanum nigrescens (Mart. & Gal.)], ragweed parthenium (Parthenium hysterophorus L.), & morningglory (Ipomoea spp.):06/24; FL-Ragweed parthenium is becoming a difficult weed to control & has been documented as having resistance or tolerance to glyphosate. Glufosinate is very effective on broadleaf weeds & would be an important tool"07/24; FL/It will meet our needs for broadleaf weed control & for guineagrass control which is difficult to manage with current sugarcane herbicides in FL. Post-directed application of glufosinate will be an important tool that we currently do not have for guineagrass mgmt:07/24; LA/Itch grass is becoming increasingly hard to manage with preemergent herbicides. A good safe post emergent herbicide is needed to successfully manage this weed. Paraquat has limitations with the biggest one being crop injury:07/24;

Use Pattern: (PCR): Make one application of Liberty/Rely per year to small weeds as 1) a directed spray, at 29 fl oz/a to row middles and across the lower (12" or less) canes or 2) shielded/hodded to row middles at 29 to 48 fl oz/a. Application shall be at least 75 days before cane harvest.

IR-4 Residue Trial Plan: 3-3 4-2 13; 1 PROCESSING (MOLASSES, REFINED SUGAR)

Comments: No key exports noted. The use pattern requested is for a directed or hooded/shielded placement and is different from PR# 09960; Glufosinate will injure foliage that is contacted. This injury to is both intentional and acceptable. Supporting data shows effectiveness against itchgrass, a weed of particular interest, according to American Sugar Cane League representatives:06/24/sb; LA-we need glufosinate post-directed applications after layby cultivations & FL-Glufosinate will allow broader diversity in chemistries used for weed management in Sugar Cane:07/24/sb; BASF supports as Reseachable, Requires Residue Data only:08/24/sb; EPA HOLD CAUTION:08/24; BASF suggested this chemical be changed from Glufosinate to Glufosinate-P and the PCR requester was in agreement, so the chemical has been updated accordingly:01/25/sb

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

25-LA127	Wright, Denise
(processing)	
25-LA128	Wright, Denise
25-PR278	Robles Vazquez, W.
25-S*285	TBD-SOR
(Reg 3)	
25-S*286	TBD-SOR
(Reg 3)	
25-S*287	TBD-SOR
(Reg 3)	
25-TX301	Jones, Trevor



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	NER	NCR	SOR	WSR	CANADA
ARS Total:		11	14	16	
Region Total:	29	61	70	118	15
Total:	29	72	84	134	15

Grand Trial Total: 334

Total # of PRs: 54
Total # Chemical: 34
Total # Commodity: 46