



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
09907	19-MIR14	A	MOORE,P	FLONICAMID (FMC,ISK)	BEET (SUGAR)	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: APHIDS, LYGUS BUGS

Use Pattern: (PCR): 0.089 LB AI/A/APPLIC; 3 APPLIC; 7 DAYS BETWEEN APPLIC; 0-DAY PHI

IR-4 Residue Trial Plan: 5-5 7 8 9 10-2 11-2; ROOTS & TOPS; DECLINE TRIAL; PROCESSING TRIAL (5X, FOR REFINED SUGAR, DRIED PULP, MOLASSES); NEED 3 "RED A" 2020 TRIALS IN REG. 8, 9 & 10

Comments: CANADIAN INTEREST (ZONES 5[2], 7A[6]):09/13; EPA GREEN:09/18; NO LONGER CANADIAN INTEREST IN A JOINT PROJECT:01/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-CA01 Kyser, Guy
(repl for 19-CA448, 2021 \$ approved)



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12902	20-MIR02	A	HOMA	FLUTOLANIL (NAI)	CARROT	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: FROM PR# 09710: CRATER ROT (RHIZOCTONIA), SOUTHERN BLIGHT (SCLEROTIUM ROLFSSII) - PREVENTATIVE; PER NY ME-TOO REQUEST, A RECENT REPORT OF SOUTHERN BLIGHT IN CARROT PRODUCTION IN NY IS VERY CONCERNING, AND NO PRODUCTS ARE REGISTERED FOR CONTROL:09/19

Use Pattern: (PCR): FROM PR# 09710: 1.0 LB AI/A; 50 GPA; ONE SOIL APPLIC AFTER PLANTING; 30-DAY PHI; FROM 09710 RESIDUE PROTOCOL: 1.0 LB AI/A; MAKE 2 FOLIAR APPLIC IN 20-45 GPA AT A 14-DAY INTERVAL; 7-DAY PHI

IR-4 Residue Trial Plan: 3 5 6 10-4 11 (ROOTS ONLY), 1 DECLINE TRIAL (ROOTS ONLY)

Comments: THIS NEW PR# WAS CREATED DUE TO A PRIOR RESIDUE STUDY CONDUCTED/CANCELED UNDER PR# 09710:10/19; EPA GREEN:12/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-FL02 Thomas, Darrell
(repl of 20-FL160 - no add'l \$)



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13096	21-CANADA	A	PEILL	OXATHIPIPROLIN + MANDIPROPAMID (SYNGEN)	CARROT	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: PHYTOPHTHORA CACTORUM; DAMPING OFF AND CROWN ROT OF MORE ESTABLISHED PLANTINGS; MEFENOXAM IS THE ONLY OTHER FUNGICIDE AVAILABLE

Use Pattern: (PCR): USE THE ORONDIS ULTRA PRODUCT; MAKE 2 APPLIC (RATE TBD WITH MFG); APPLY IN FURROW AT PLANTING OR AS A BANDED APPLIC FOLLOWING EMERGENCE; 14-DAY TREATMENT INTERVAL, 14-DAY PHI; APPLY PREVENTATIVELY WHEN CONDITIONS ARE COOL AND WET, AND FAVOR DISASE DEVELOPMENT (SYNGENTA CANADA SUGGESTS THIS USE PATTERN: 0.4-0.6 L/HA (112-168 G AI/HA), NO ADJUVANT, 4 APPLIC, 7-DAY INTERVAL, 7-DAY PHI)

IR-4 Residue Trial Plan: NAFTA GUIDANCE: 1 5-2 10-5, 1 TRIAL IS A DECLINE TRIAL

Comments: NO KEY EXPORT MARKET NOTED; BOTH AIs HAVE A TOLERANCE ONLY ON SUBGROUP 1C; THIS IS A POTENTIAL JOINT STUDY WITH CANADA, WHICH HAS AN "A" PRIORITY FOR BOTH RADISH AND CARROT IN 2021:07/20; SYNG WILL NOT SUPPORT:09/20; AFTER FURTHER DISCUSSION, SYNG IS NOW SUPPORTIVE OF A FOLIAR USE, BUT ONLY FOR THE PURPOSE OF OBTAINING A SUBGROUP 1B TOLERANCE (AND HARMONIZE WITH CANADA), SO THEY CHANGED STATUS TO RESEARCHABLE, RESIDUE ONLY; USE ON CARROT WILL NOT BE ADDED TO THE SECTION 3 LABEL:10/20; IR-4 PR# 13096=CANADA STUDY NUMBER AAFC21-003R; EPA GREEN:12/20; STATUS CHANGED FROM "D" TO "A" SINCE IT IS A 2021 STUDY:04/21

NER-EPA Region-FRD

21CNJ016 Fisher, Jennifer

NCR-EPA Region-FRD

21COH*018 Horst, Leona

SOR-EPA Region-FRD

WSR-EPA Region-FRD

21CCA019 Ennes, D. (Kearney)
 21CCA064 Kyser, Guy
 21CCA065 Kyser, Guy
 21CCA*066 Benzen, Ms. Sharon D.
 (decline)
 21CCA*067 Benzen, Ms. Sharon D.

CANADA-EPA Region-FRD

21CNS015 Hanscomb, Darrell
 (Reg 1)
 21CON017 Wismer, R.J.
 (Reg 5)



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13157	21-MIR01	A	MOORE,P	FLUOXAPIPROLIN (BAYER)	GINSENG	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: PHYTOPHTHORA LEAF BLIGHT AND ROOT ROT; NEEDED DUE TO RESISTANCE TO MEFENOXAM; OTHER EFFECTIVE FUNGICIDES HAVE FEW APPLICATIONS AVAILABLE; PER WI ME-TOO REQUEST: MORE TOOLS ARE NEEDED FOR ROOT ROT DISEASE

Use Pattern: (PCR): MAKE 3 HEAVY FOLIAR APPLIC; 7-DAY PHI; APPLY IN ALTERNATION WITH OTHER MOA PRODUCTS; NO OTHER USE PATTERN INFO PROVIDED BY REQUESTOR; IR-4 HQ SUGGESTS CONSIDERATION OF 13.69 OZ/A OF THE 20 SC PRODUCT

IR-4 Residue Trial Plan: ANY 4 (1 TRIAL IS A DECLINE)

Comments: TAIWAN AND CHINA NOTED AS KEY EXPORT MARKETS:08/20; FOLIAR APPLIC IS SUPPORTED, BUT MAYBE NOT HEAVY FOLIAR APPLIC; MUST BE APPLIED WITH ANOTHER PHYTOPHTHORA PRODUCT:09/20; RESEARCHABLE, CATEGORY OF RESIDUE & E/CS DATA NEEDED WAS CHANGED TO E/CS DATA ONGOING 02/21, AND WILL UPDATE TO RESIDUE DONE/ONGOING; E/CS DONE/ONGOING ONCE THE RESIDUE PROTOCOL IS SIGNED:02/21

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 21-MI202 Hausbeck, Dr. Mary K.
- 21-MI203 Hausbeck, Dr. Mary K.
- 21-MI204 Hausbeck, Dr. Mary K.
- 21-MI205 Hausbeck, Dr. Mary K.
- (decline)



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12606	21-LSR077	A	MALEGUS	PICARBUTRAZOX (NISSO)	GINSENG	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: PHYTOPHTHORA ROOT ROT; MORE ACTIVE INGREDIENTS NEEDED FOR LONG GROWING SEASON; PER WI ME-TOO REQUEST: MORE TOOLS ARE NEEDED FOR ROOT ROT DISEASE

Use Pattern: (PCR): MAKE 3 FOLIAR BROADCAST APPLIC OF 1.4 OZ AI/A (13.6 FL OZ PRODUCT/A), 14-DAY INTERVAL, 14-DAY PHI; APPLY PRIOR TO DISEASE DEVELOPMENT

IR-4 Residue Trial Plan: NAFTA GUIDANCE: 5-4; 1 TRIAL IS A DECLINE

Comments: KEY INT'L MARKETS INCLUDE CHINA, TAIWAN, JAPAN, VIET NAM; NISSO REQUESTS TO SEE FIELD PERFORMANCE DATA BEFORE THEY CAN SUPPORT RESIDUE TRIALS; SEEDLING GH TRIALS ARE NOT SUFFICIENT:08/18; MFG CONFIRMED THE STATUS CAN BE CHANGED TO RESEARCHABLE, RESIDUE DATA ONLY; SUFFICIENT, POSITIVE EFFICACY DATA HAS BEEN GENERATED:08/20; CANADA IS INTERESTED IN THIS BEING A JOINT PROJECT, IS PLANNING 2 RESIDUE TRIALS IN 2021, AND OFFERED TO SERVE AS SPONSOR AND STUDY DIRECTOR, AND DO THE SAMPLE ANALYSIS:10/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21MIC073 Hausbeck, Dr. Mary K.
21MIC074 Hausbeck, Dr. Mary K.
(decline)

21ONC076 Wismer, R.J.
21ONC075 Wismer, R.J.



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13080	21-CANADA	A	ULRICH	OXATHIPIPROLIN + MANDIPROPAMID (SYNGEN)	RADISH	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: DOWNY MILDEW; THIS IS A DIFFICULT DISEASE TO MANAGE WITH LIMITED OPTIONS

Use Pattern: (PCR): USE THE ORONDIS ULTRA PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.4-0.6 L/HA (112-168 G AI/HA) PER SEASON, MINIMUM 7-DAY INTERVAL, 7-DAY PHI

IR-4 Residue Trial Plan: 5-2 10-2 (PER NAFTA GUIDANCE)

Comments: NO KEY EXPORT MARKET NOTED; PMC CANADA HAS SELECTED THIS USE AND THE SAME COMBO PRODUCT ON CARROT FOR A 2021 PRIORITY "A" RESIDUE STUDY, SO THERE IS POTENTIAL FOR A JOINT PROJECT FOR A SUBGROUP 1B TOLERANCE; THERE ARE NO TOLERANCES FOR EITHER AI ON SUBGROUP 1B CROPS:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; 2020 FUW PRIORITY "B" CHANGED TO "A" DURING NRPM:10/20; EPA GREEN:12/20; AAFC STUDY ID#:AAFC21-001R;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21CCA42	Ennes, D. (Kearney)	21CON39	Wismer, R.J.
21CCA43	Ennes, D. (Kearney)	(decline)	
		21CON40	Wismer, R.J.



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12521	21-TBD	A	SAMOIL	SULFUR DIOXIDE (DELTA, SNOWDEN, TEDMRK, TESSARA)	SWEET POTATO (POST HARVEST)	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: RHIZOPUS STOLONIFER CAUSING SOFT ROT OF SWEET POTATO:06/18; CERATOCYSTIS FIMBRIATA CAUSING BLACK ROT OF SWEET POTATO:07/18; THERE ARE FEW EFFECTIVE ACTIVE INGREDIENTS CURRENTLY REGISTERED FOR POSTHARVEST CONTROL OF THESE ROTTS OF SWEETPOTATO; ONLY SCHOLAR CAN BE APPLIED POSTHARVEST BUT IT IS TYPICALLY NOT ENOUGH TO CONTROL THESE ROTTS FOR EXPORT MARKETS AND IT CANNOT BE USED IN ORGANIC MARKETS; MORE OPTIONS ARE NEEDED FOR CONTROL OF SOFT ROT AND BLACK ROT; PER MS ME-TOO REQUEST: FOR MS, IMPACTS TO THE ROOTS DURING PACKING AND SHIPPING, COUPLED WITH THE POTENTIALLY CONDUCIVE ENVIRONMENT PROVIDED BY SHIPPING ENCLOSURES MAKE A SCENARIO IN WHICH DISEASES ARE DIFFICULT TO CONTROL; PER WI ME-TOO REQUEST: THERE'S A NEED FOR INCREASED # OF TOOLS TO MANAGE SWEET POTATO DISEASE FOR THE >2000 ACRES IN WI AND BEYOND; PER CA ME-TOO REQUEST: NEED POST HARVEST RHIZOPUS CONTROL IN SWEET POTATOES AFTER WASHING AND PACKING; RHIZOPUS CAN BECOME PROBLEMATIC ESPECIALLY IN WINTER MONTHS; IF OMRI CERTIFIED, THIS WOULD GREATLY BENEFIT THE CA INDUSTRY, AS ABOUT 20% OF THE ACREAGE IS FOR ORGANIC PRODUCTION

Use Pattern: (PCR): USE 1 SO2 PAD PER BOX IN SHIPPING CONTAINER OR STORAGE; NO OTHER USE PATTERN DETAILS IN REQUEST

IR-4 Residue Trial Plan: ANY 4 (MULTIPLE TIME POINTS IN ALL TRIALS)

Comments: IS AN EXPORT COMMODITY, BUT NO KEY MARKETS NOTED:06/18; EPA CAUTION:09/18; MFG (TESSARA) WILL SUPPORT THIS PROJECT (MAY PROVIDE SOME \$\$\$ TO HELP OFFSET COSTS), RESIDUE AND E/CS DATA NEEDED:09/17/18; MS ME-TOO REQUEST INDICATES CANADA AS A MAJOR EXPORT MARKET, AND SOME TO THE EU:6/19; EPA (HOLD) CAUTION:09/19; EPA GREEN:08/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-FL108	Thomas, Darrell
21-GA*145	Fraelich, Ben
21-NC208	Welker, Rob
(Region 2)	
21-NC209	Welker, Rob
(Region 2)	



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12818	21-YAR04	A	MOORE,P	S-METOLACHLOR/METOLAC HLOR (SYNGEN,UPL NA)	TURNIP GREENS	LEAVES OF ROOT AND TUBER VEGETABLES GROUP (02)

Reason for Need: GALINSOGA, PURSLANE, NIGHTSHADE; CURRENT 30-DAY PHI IS TOO LONG FOR CURRENT MARKET CONDITIONS; PER FL ME-TOO, WITH THE GROWING DEMAND FOR YOUNGER AND MORE TENDER BABY-LEAF GREENS, NEED A SHORTER THAN 30-DAY PHI, LIKE 14-21 DAYS IF FEASIBLE; PER CA ME-TOO REQUEST, THERE ARE HORRIBLE WEED PROBLEMS IN THEIR FIELDS; PER AR ME-TOO REQUEST: NEEDED FOR CARPETWEED AND RESIDUAL CONTROL OF ANNUAL GRASSES; PER TX ME-TOO REQUEST: ONLY PREFAR IS LABELED FOR FRESH MARKET; TREFLAN IS ONLY LABELED FOR THE PROCESSING MARKET AND NOT FRESH MARKET; THIS AI WOULD HELP EXPAND THE SPECIES OF WEEDS THAT NEED TO BE CONTROLLED; PER SC ME-TOO REQUEST: THERE ARE QUESTIONS FROM SC GROWERS ABOUT THIS REQUESTED USE

Use Pattern: (PCR): USE DUAL MAGNUM; MAKE ONE APPLIC AT SEEDING, PRE TO CROP AND WEEDS, OF 0.95 LB/A, 21-DAY PHI (OR DOWN TO 14 DAYS IF POSSIBLE); HQ SUGGESTS CONSIDERATION OF APPLIC AT 3-5 LEAF CROP STAGE; IR-4 SUGGESTS, AND SYNG AGREES, THAT THE USE RATE BE 1.27 LB AI/A:10/20

IR-4 Residue Trial Plan: 2-2 4 5 6 (1 TRIAL IS A DECLINE); TOPS ONLY, NO ROOTS

Comments: CANADA NOTED AS A LIKELY KEY EXPORT MARKET:08/19; MFG MADE RESEARCHABLE:09/19; EPA GREEN:08/20; CONSIDER IF USE IS COVERED BY EXISTING TOLERANCES:09/20; HIGHER RATE AND SHORTER PHI RESULT IN THE NEED FOR RESIDUE TRIALS; SYNG AGRRES WITH A USE RATE OF 1.27 LB AI/A, AND THAT THE STATUS BE CHANGED TO RESIDUE ONLY:10/20

NER-EPA Region-FRD

21-MD181 James, Megan

NCR-EPA Region-FRD

21-OH248 Robinson, Allison

SOR-EPA Region-FRD

21-GA*150 Fraelich, Ben
(decline)
21-LA172 Wright, Denise
21-NC216 Welker, Rob
(Region 2)
21-TX312 Arias, Miguel

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>
12514	21-FLR03	A	MARCONI	CHLORANTRANILIPROLE (FMC)	LETTUCE (GH)	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: LEPIDOPTERAN LARVAE; NEEDED FOR RESISTANCE MANAGEMENT

Use Pattern: (PCR): USE THE CORAGEN PRODUCT; FOLIAR APPLIC; IR-4 RECOMMENDS FOLIAR USE RATE OF 0.098 LB AI/A PER APPLIC, 2 APPLIC, 3-DAY INTERVAL, 1-DAY PHI, AS WELL AS MAKING SURE A CHEMIGATION USE IS ALSO SUPPORTED;

IR-4 Residue Trial Plan: ANY 4 TRIALS (NO GH HEAD LETTUCE TRIALS ARE REQUIRED)

Comments: CANADA IS A KEY EXPORT MARKET:05/18; EPA GREEN:09/18; PER CHEMSAC APPROVAL OF AN IR-4 PROPOSAL, NO GH TRIALS ARE REQUIRED ON HEAD LETTUCE:12/18; MFG CHANGED TO RESIDUE AND E/CS:06/19; EPA GREEN:09/19; MFG CHANGED TO RESIDUE ONLY (NEED CROP SAFETY ASSESSMENTS FROM RESIDUE TRIALS):05/20; EPA GREEN: 08/20; STATUS CHANGED FROM "B" TO "A" SINCE IT WAS ADDED AS A 2021 STUDY:04/21

NER-EPA Region-FRD

21-MD179 James, Megan

NCR-EPA Region-FRD

21-WI354 Chapman, Scott
21-OH*381 Horst, Leona

SOR-EPA Region-FRD

21-FL107 Long, Michael
21-TX309 Arias, Miguel

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>
13094	21-TIR01	A	PIKE	DIFENOCONAZOLE + AZOXYSTROBIN (SYNGEN)	SPINACH	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: STEMPHYLLIUM; ONLY ONE FUNGICIDE REGISTRATION IS AVAILABLE FOR SPINACH IN OREGON THAT IS NOT GROWN FOR SEED; PER CA 08/20 ME-TOO REQUEST; ADDITIONAL TOOLS ARE NEEDED, BUT THERE IS A CONCERN ABOUT PHYTOTOXICITY

Use Pattern: (PCR): USE THE QUADRIS TOP PRODUCT; MAKE 4 FOLIAR APPLIC OF 870-1000 ML/HA (12-14 FL OZ PRODUCT/A) PER SEASON, 7-14 DAY INTERVAL, 3-DAY PHI; SYNG SUGGESTS FOLLOWING THE EXISTING RATE:09/20

IR-4 Residue Trial Plan: NAFTA GUIDANCE: 2 5-2 6 10-4; 1 TRIAL IS A DECLINE

Comments: NO KEY EXPORT MARKET NOTED; POTENTIAL INTEREST BY PMC CANADA AS A JOINT PROJECT (BUT DID NOT GET AN "A" PRIORITY FOR PMC'S 2021 RESEARCH PLAN);07/20; EPA CAUTION FOR DIFENOCONAZOLE:08/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; CANADA IS INTERESTED IN THIS USE AS A JOINT PROJECT, AND IS PLANNING 2 RESIDUE TRIALS IN 2021; RESIDUE TRIAL SITES EDITED PER NAFTA GUIDANCE:10/20; EPA GREEN:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-OH*251 Horst, Leona

21-SC*299 Wade, Paul
21-TX317 Arias, Miguel

21-CA64 Ennes, D. (Kearney)
21-CA65 Kyser, Guy
21-CA66 Kyser, Guy
21-CA*67 Benzen, Ms. Sharon D.
21-W*325 TBD-WSR
(NM - new FRD)

21-QC287 Smaers, Julie
21-QC288 Smaers, Julie
(decline)



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13110	21-YAR01	A	LENNON	AZOXYSTROBIN (SYNGEN)	SPINACH (GH TRANSPLANT)	LEAFY GREENS SUBGROUP (04-16A)

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

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

IR-4 Residue Trial Plan: 1 2-2 6-2 9 10-2 (MULTIPLE SAMPLINGS - BABY LEAVES AND MATURE CROP IN EACH TRIAL)

Comments: ORIGINAL REQUEST WAS FOR GH LEAFY GREENS TRANSPLANTS, AND IT WAS SPLIT INTO TWO REQUESTS, FOR THE SUBGROUP REP CROPS SPINACH AND LETTUCE (PR# 13109); NO EXPORT MARKET NOTED; A FOLIAR USE ON LEAFY GREENS IS ON THE HERITAGE LABEL, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:12/20

NER-EPA Region-FRD

21-MD186 Ross, Marylee
21-NJ236 Fisher, Jennifer

NCR-EPA Region-FRD

21-OH*254 Horst, Leona

SOR-EPA Region-FRD

21-NC223 Welker, Rob
(Region 2)
21-TX319 Arias, Miguel
21-TX320 Arias, Miguel

WSR-EPA Region-FRD

21-CA86 Skiles, Keri
21-CA87 Leach, Nathan
21-CO102 Oman, Clark (CAT)
(Region 9)
21-W*326 TBD-WSR
(NM - new FRD)

CANADA-EPA Region-FRD



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12817	20-YAR05	A	MOORE,P	S-METOLACHLOR/METOLAC HLOR (SYNGEN,UPL NA)	GREENS (MUSTARD)	BRASSICA LEAFY GREENS SUBGROUP (04-16B)

Reason for Need: GALINSOGA, PURSLANE, ANNUAL GRASSES, YELLOW NUTSEDGE; CURRENT 30-DAY PHI IS TOO LONG FOR CURRENT MARKET CONDITIONS, OFTEN DELAYING HARVEST BEYOND OPTIMUM MATURITY; PER FL ME-TOO REQUEST, A SHORTER PHI IS NEEDED DUE TO GROWING DEMAND FOR YOUNGER, MORE TENDER GREENS; PER CA ME-TOO REQUEST, THERE ARE HORRIBLE WEED PROBLEMS IN THEIR MUSTARD FIELDS

Use Pattern: (PCR): USE DUAL MAGNUM; MAKE ONE APPLIC, PRE TO CROP AND WEEDS, USING 0.95 LB AI (1 PT)/A; 21-DAY PHI; APPLY IMMEDIATELY AFTER SEEDING

IR-4 Residue Trial Plan: 2-2 3 4 5 6 10-2, NO DECLINE NEEDED PER MFG:02/20; NEED A REG. 2 "RED A" TRIAL IN 2021:10/20

Comments: CANADA NOTED AS A LIKELY EXPORT MARKET:08/19; MFG MADE RESEARCHABLE:09/17/19; MFG REMOVED THE NEED FOR PERFORMANCE DATA - NEED ONLY RESIDUE:11/19; EPA GREEN:12/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-GA*149 Fraelich, Ben
21-SC*296 Wade, Paul



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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>
13111	21-YAR02	A	LENNON	AZOXYSTROBIN (SYNGEN)	BROCCOLI (GH TRANSPLANT)	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

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

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

IR-4 Residue Trial Plan: 6 10-4 12 (SAMPLE AT MATURITY IN EACH TRIAL)

Comments: ORIGINAL REQUEST WAS FOR GH BRASSICA TRANSPLANTS, AND IT WAS SPLIT INTO THREE REQUESTS, FOR THE 4-16B SUBGROUP REP CROP MUSTARD GREENS (PR# 13EPA GREEN:12/20113) AND CROP GROUP 5-16 REP CROPS BROCCOLI AND CABBAGE (PR# 13112); NO EXPORT MARKET NOTED; THERE IS A TOLERANCE, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-TX321 Arias, Miguel

21-CA88 Ennes, D. (Kearney)
 21-CA89 Ennes, D. (Kearney)
 21-CA90 Leach, Nathan
 (early trial)
 21-CA91 Leach, Nathan
 21-OR276 Lightle, Dani
 21-W*327 TBD-WSR
 (NM - new FRD)



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
10952	21-CAR06	A	MARCONI	ETHALFLURALIN (GOWAN,LOVLND)	EDAMAME (VEGETABLE SOYBEAN)	EDIBLE PODDED LEGUME VEGETABLES SUBGROUP (06A)

Reason for Need: ANNUAL GRASS, BROADLEAF WEEDS; PER DE ME-TOO REQUEST: SUPPORT EXPANDING THIS TO COVER OTHER LEGUMES; A PREEMERGENCE APPLIC IS MORE DESIRABLE THAN THE CURRENT OPTION THAT REQUIRES A PREPLANT INCORPORATED APPLIC

Use Pattern: (PCR): 0.56-0.75 LB A/A; 1 BROADCAST PREEMERGENCE APPLIC

IR-4 Residue Trial Plan: ANY 4 (SUGGEST 2 5-2 11)

Comments: SHOULD CONSIDER DOING RESIDUE WORK ON SNAP OR LIMA BEAN TO GET BROADER SUBGROUP 6A CROP COVERAGE:03/12; EPA (HOLD) CAUTION:08/14; EPA CAUTION:08/15; EPA GREEN:08/16; MFG CONFIRMED ONLY RESIDUE DATA NEEDED:08/18; EPA CAUTION:09/18; EPA GREEN:09/19 & 08/20; PER THE PROPOSED REVISION OF LEGUME VEGETABLES CROP GROUP 6, CONSIDER DOING RESIDUE WORK ON SNAP BEAN (PROPOSED SUBGROUP 6A) OR LIMA BEAN (PROPOSED SUBGROUP 6C) TO SECURE A TOLERANCE THAT COVERS MANY SUBGROUP COMMODITIES RATHER THAN JUST EDAMAME:08/20

NER-EPA Region-FRD

21-MD178 James, Megan
21-NJ224 Fisher, Jennifer

NCR-EPA Region-FRD

21-MI187 Chaudhari, Dr. Sushila
21-OH*240 Horst, Leona
21-OH*379 Horst, Leona

SOR-EPA Region-FRD

WSR-EPA Region-FRD

21-WA*328 Larson, Duane

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>
11772	20-FLR08	A	MOORE,P	LINURON (TKI)	BEAN (EDIBLE PODDED & SUCCULENT SHELLLED)	EDIBLE PODDED AND SUCCULENT SHELLLED PEA/BEAN SUBGROUPS (06AB)

Reason for Need: WEEDS, PARTICULARLY AMARANTH SPECIES AND SPECIFICALLY PALMER AMARANTH; PIGWEEDS AND GRASSES; PER GA ME-TOO REQUEST, THERE ARE FEW ALTERNATIVES

Use Pattern: (PCR): USE THE LOROX/LINEX PRODUCT; MAKE 1 PREEMERGENCE APPLIC TO THE SOIL OF 0.5-1.0 LB AI/A (1-2 PT/A), AFTER PLANTING BUT PRIOR TO SEEDLING EMERGENCE

IR-4 Residue Trial Plan: LIMA: 2-3 5 10 11; SNAP: 1 2 3 5-2 11; NEED 3 "RED A" TRIALS IN 2021, ON ACCEPTABLE SOIL TYPES (2 ON LIMA, 1 ON SNAP):10/20

Comments: MFG MAY CONSIDER SOME FUNDING TO HELP OFFSET RESEARCH COSTS:08/15; EPA CAUTION:09/15; EPA CAUTION:08/16; EPA CAUTION:08/17; EPA GREEN:09/18 & 09/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-OH*241 Horst, Leona
(lima)

21-GA*144 Fraelich, Ben
(lima)
21-NC207 Welker, Rob
(Region 2)(snap)
21-SC*293 Wade, Paul
(lima)



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(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13103	21-FLR10	A	PIKE	SPINOSAD (CORTEVA,SYNGEN)	PEA (SUCCULENT SHELLED) (SEED TRT)	SUCCULENT SHELLED PEA/BEAN SUBGROUP (06B)

Reason for Need: SEEDCORN MAGGOT (SCM), DELIA PLATURA (MEIGEN); SCM IS A MAJOR PEST OF MANY AGRICULTURAL CROPS BECAUSE IT ATTACKS GERMINATING SEEDS AND SEEDLINGS; OFTEN A PROBLEM IN THE SPRING WHEN SOIL TEMPERATURES ARE COOL AND SOIL MOISTURE IS HIGH, SCM CAN DEVASTATE CROPS RESULTING IN COMPLETE PLANT STAND LOSS; BECAUSE SCM IS A UBIQUITOUS PEST ON MOST FARMS, IT IS CONSIDERED A VERY COMMON ANNUAL PEST; FOR GREEN PEAS, SCM DAMAGE MAY STUNT PLANT GROWTH, WHICH MAY REDUCE YIELD; BECAUSE SCM ATTACKS CROPS SHORTLY AFTER PLANTING AND NO RESCUE TREATMENT IS HIGHLY EFFECTIVE, VEGETABLE GROWERS MUST USE A PREVENTATIVE CONTROL MEASURE AT PLANTING; FOR CONVENTIONAL VEGETABLE GROWERS, A NEONICOTINOID SEED TREATMENT LIKE THIAMETHOXAM (CRUISER 5FS) MAY BE AN OPTION; HOWEVER, WITH THE PUBLIC SCRUTINY OVER NEONICOTINOID INSECTICIDE USE IN FOOD PRODUCTION, ALTERNATIVE INSECTICIDE SEED TREATMENT OPTIONS ARE NEEDED; MOREOVER, ORGANIC GROWERS HAVE NO EFFECTIVE OPTIONS FOR MANAGING SCM INFESTATIONS; REGARD SC (SPINOSAD) SEED TREATMENT WOULD BE AN IDEAL ALTERNATIVE FOR THOSE INTERESTED IN SHIFTING AWAY FROM NEONICOTINIDS; ADDITIONALLY, BECAUSE REGARD SC IS OMRI-LISTED, IT WOULD PROVIDE ORGANIC GROWERS WITH AN EXCELLENT SCM CONTROL OPTION; REGARD SC IS CURRENTLY REGISTERED AS A SEED TREATMENT ONLY FOR BULB CROPS LIKE ONION TO MANAGE ONION MAGGOT, DELIA ANTIQUA (MEIGEN), AND SCM; REGARD MAY BE AN OPTION ALONE OR IN COMBINATION WITH OTHER CROP PROTECTANTS IN THE FARMORE F1500 SEED TREATMENT PACKAGE; REGARD IS CURRENTLY THE INDUSTRY STANDARD FOR ONION GROWERS IN THE US; A SIMILAR SHIFT IS EXPECTED IN THE USE OF REGARD TO PROTECT OTHER VEGETABLE CROPS THAT ARE ATTACKED BY SCM

Use Pattern: (PCR): USE THE REGARD SC PRODUCT; MAKE ONE SEED TREATMENT APPLIC OF 0.5 MG AI/SEED; SEED MUST BE TREATED BY A COMMERCIAL SEED TREATMENT COMPANY

IR-4 Residue Trial Plan: 1/2 5-3 11 12

Comments: KEY EXPORT MARKETS NOTED AS EUROPE, ASIA, OTHERS:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; 2020 FUW PRIORITY "B" CHANGED TO "A" DURING NRPM:10/20; EPA GREEN:12/20; RESIDUE FIELD TRIALS IN 2021, NEED EC/S TRIALS IN 2022.;

<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>	
21-NJ233	Fisher, Jennifer	21-MI195	Chaudhari, Dr. Sushila			21-CA77	Ennes, D. (Kearney)		
		21-OH253	Robinson, Allison			21-OR275	Lightle, Dani		
		21-WI363	Heider, Daniel J.			21-WA347	Peng, Wilson		



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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>
12576	21-CAR09	A	PIKE	FLUMIOXAZIN + PYROXASULFONE (KICHEM,VALENT)	TOMATO	TOMATO SUBGROUP (08-10A)

Reason for Need: WEEDS IN ROW MIDDLES; WOULD PROVIDE AN IMPROVED SPECTRUM OF WEED CONTROL OVER CURRENTLY REGISTERED PRODUCTS; PER NJ ME-TOO REQUEST, THIS USE WOULD ALLOW BETTER CONTROL OF INCREASINGLY TROUBLESOME WEEDS IN TOMATO ROW MIDDLES (COMMON PURSLANE) THAT ARE NOT WELL CONTROLLED WITH CURRENT PRODUCTS:09/19; PER CA ME-TOO REQUEST 08/20: STUDIES SUGGEST HIGH RATES OF CONTROL OF PIGWEED AND VELVETLEAF, BOTH PROBLEMS IN CA; AND THE MFG SUGGESTS IT FOR USE ON FIELD BINDWEED, AN EVEN MORE IMPORTANT WEED IN CA TOMATOES; PER AR ME-TOO REQUEST: NEEDED FOR PIGWEEDS, SEDGES, ETC.; PER NC ME-TOO REQUEST: THIS COMBO PRODUCT WOULD PROVIDE GREATER WEED CONTROL IN TOMATO ROW MIDDLES INCLUDING CONTROL OF COMMON AND PINK PURSLANE

Use Pattern: (PCR): USE THE FIERCE PRODUCT; MAKE 2 PRE APPLIC TO THE SOIL IN ROW MIDDLES, USING A SHIELDED APPLICATOR, 14 DAYS APART; NO RATE OR PHI SPECIFIED; STUDIES ARE FOR PLASTIC MULCH PRODUCTION SYSTEMS ONLY USING A HOODED/SHIELDED SPRAYER

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

Comments: TOLERANCE IS ESTABLISHED FOR FLUMIOXAZIN ON FRUITING VEGETABLES; NO KEY EXPORT MARKETS:07/18; VALENT AND KUMIAI SUPPORT, BUT KUMIAI REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK:08/18; MFG CONFIRMED E/CS DATA SUFFICIENT, MADE STATUS RESIDUE ONLY:09/20; IF USE PATTERN MATCHES FLUMIOXAZIN REGISTERED USE, ONLY NEED PYROXASULFONE ANALYSIS:09/20; EPA GREEN:12/20

NER-EPA Region-FRD

21-NJ227 Fisher, Jennifer
(large fruited)

NCR-EPA Region-FRD

21-OH244 Robinson, Allison
(small fruited)

SOR-EPA Region-FRD

21-FL111 Long, Michael
(small fruited)
21-FL112 Thomas, Darrell
(small fruited)
21-GA*146 Fraelich, Ben
(small fruited)
21-SC*294 Wade, Paul
(small fruited)

WSR-EPA Region-FRD

21-CA*05 Benzen, Ms. Sharon D.
(paste type) (large fruited)
21-CA06 Leach, Nathan
(fresh, large fruited)
21-CA07 Kyser, Guy
(processing trial)(paste type)(large fruited)
21-CA08 Kyser, Guy
(paste type, 30 days)(large fruited)
21-CA09 Skiles, Keri
(paste type)(large fruited)
21-CA10 Skiles, Keri
(fresh, large fruited)
21-CA11 Kyser, Guy
(cherry type)
21-CA*12 Benzen, Ms. Sharon D.
(small fruited)

CANADA-EPA Region-FRD



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13076	21-FLR05	A	PIKE	PYRAZIFLUMID (NAI)	TOMATO	TOMATO SUBGROUP (08-10A)

Reason for Need: SOUTHERN BLIGHT (SCLEROTIUM ROLFII); DISEASE CONTROL FOR AN IMPORTANT SOILBORNE PATHOGEN IN SOUTHERN US; PER CA ME-TOO REQUEST 08/20: CA PROCESSING TOMATO AND SWEET POTATO GROWERS HAVE VIRTUALLY NO PRODUCT WHICH EFFECTIVELY CONTROLS SOUTHERN BLIGHT; PER WV ME-TOO REQUEST: THIS DISEASE IS MOVING TO THE NORTH, AND PRODUCTS ARE NEEDED TO PREVENT THE SPREAD

Use Pattern: (PCR): USE THE 20% SC PRODUCT; MAKE 2 SOIL APPLIC OF 0.54-0.71 OZ AI/A, 7-14 DAY INTERVAL, 3-DAY PHI; MAKE AN AT-PLANT SOIL APPLIC VIA DRENCH, FOLLOWED BY A DRIP APPLIC 2 WK LATER; OR MAKE 2 DRIP APPLIC OF 2.31-3.08 FL OZ PRODUCT/A

IR-4 Residue Trial Plan: 1 2 3-2 5 10-11, 2 DECLINE TRIALS

Comments: NO KEY EXPORT MARKET NOTED; THIS REQUESTED USE ON FIELD TOMATO MAY BE COVERED, ALONG WITH SEVERAL OTHER VEGETABLE CROP GROUPS, BY THE MFG:06/20; MFG CONFIRMED THEY HAVE MOR DATA FOR CROP GROUP 8-10 FROM ONLY FOLIAR APPLIC, NOT FROM THE SOIL APPLIED DRENCH/DRIP APPLIC TYPES IN THIS REQUEST; THEY SUPPORT THE REQUEST, REQUIRING RESIDUE AND E/CS DATA; ALSO, MFG STATED THEY PLAN TO REQUEST AN IMPORT TOLERANCE IN CANADA AND POSSIBLY IN OTHER COUNTRIES:08/20; RESEARCHABLE, RESIDUE & E/CS DATA NEEDED CHANGED TO E/CS DATA ON-GOING UNTIL THE RESIDUE PROTOCOL IS SIGNED:02/21

[NER-EPA Region-FRD](#)

[NCR-EPA Region-FRD](#)

[SOR-EPA Region-FRD](#)

[WSR-EPA Region-FRD](#)

[CANADA-EPA Region-FRD](#)



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Residue Only

(Order by Crop Group, Commodity, Chemical)

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21-NJ231	Fisher, Jennifer	21-MI194	Chaudhari, Dr. Sushila	21-FL134	Thomas, Darrell	21-CA45	Leach, Nathan
(large fruited)		(decline)(small fruited)		(small fruited)		(paste type) (large fruited)	
				21-GA*152	Fraelich, Ben	21-CA*46	Benzen, Ms. Sharon D.
				(small fruited)		(fresh, large fruited)	
				21-NC221	Welker, Rob	21-CA47	Kyser, Guy
				(Region 2)(small fruited)		(paste type)(large fruited)	
				21-SC*298	Wade, Paul	21-CA48	Kyser, Guy
				(small fruited)		(paste type, 30 days)(large fruited)	
						21-CA49	Skiles, Keri
						(cherry type)(small fruited)	
						21-CA50	Skiles, Keri
						(paste type)(decline)(large fruited)	
						21-CA51	Kyser, Guy
						(cherry type)(small fruited)	
						21-CA52	Kyser, Guy
						(fresh, large fruited)	
						21-CA*53	Benzen, Ms. Sharon D.
						(fresh, large fruited)	
						21-CA54	Kyser, Guy
						(cherry type, 30 days)(small fruited)	
						21-CA55	Kyser, Guy
						(fresh, large fruited, 30 days)	
						21-CA*56	Benzen, Ms. Sharon D.
						(small fruited)	



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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>
13105	21-MIR06	A	LENNON	AZOXYSTROBIN (SYNGEN)	TOMATO (GH TRANSPLANT)	TOMATO SUBGROUP (08-10A)

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

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

IR-4 Residue Trial Plan: 1 2 3-2 5 10-7 (SAMPLE AT FRUIT MATURITY)

Comments: ORIGINAL REQUEST WAS FOR GH FRUITING VEGETABLE TRANSPLANTS, AND IT WAS SPLIT INTO TWO REQUESTS, FOR THE CROP GROUP 8-10 REP CROPS TOMATO AND PEPPER (PR# 13106); NO EXPORT MARKET NOTED; A FOLIAR USE ON FRUITING VEGETABLES IS ON THE HERITAGE LABEL, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:12/20; E/CS STILL NEEDED:02/21;

NER-EPA Region-FRD

21-MD185 Ross, Marylee
(large fruited)
21-NJ234 Fisher, Jennifer
(large fruited)

NCR-EPA Region-FRD

21-WI364 Chapman, Scott

SOR-EPA Region-FRD

21-FL138 Long, Michael
21-FL139 Thomas, Darrell
21-NC222 Welker, Rob
(Region 2)

WSR-EPA Region-FRD

21-CA78 Ennes, D. (Kearney)
(cherry type)
21-CA79 Ennes, D. (Kearney)
(fresh, large fruited)
21-CA80 Leach, Nathan
(cherry type)
21-CA81 Leach, Nathan
(fresh, large fruited)
21-CA82 Ennes, D. (Kearney)
(cherry type, 30 days)
21-CA83 Leach, Nathan
(fresh, large fruited)
21-CA84 Leach, Nathan
(paste type)
21-CA85 Turner, B.(Turner Ag)
(fresh)

CANADA-EPA Region-FRD



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10804	21-CAR05	A	MARCONI	FLUTRIAFOL (FMC)	TOMATO (GH)	TOMATO SUBGROUP (08-10A)

Reason for Need: POWDERY MILDEW; PER NY ME-TOO REQUEST: THIS IS AN IMPORTANT DISEASE IN HIGH TUNNELS AND GREENHOUSES IN THE NORTHEAST

Use Pattern: (PCR): 1.7 OZ AI/A (125 G AI/HA); DRENCH APPLIC; 4 APPLIC AT 7-DAY RE-TREATMENT INTERVALS; 0-3 DAY PHI; MFG CONFIRMED THAT FLUTRIAFOL 250 G/L SC ("RHYME") IS THE PRODUCT FOR GH USE; REQUESTOR CONFIRMED PREFERENCE FOR USE OF AT LEAST 100 GPA, UNLESS APPLIC VIA FOGGING IS ALLOWED, WHICH WOULD REQUIRE ONLY 10-20 GPA; REQUESTOR ALSO DESIRES USE VIA FOLIAR AND DRIP APPLIC:06/18; EPA GREEN: 08/20

IR-4 Residue Trial Plan: ANY 4 TRIALS; 2 SMALL-FRUITED AND 2 LARGE-FRUITED TRIALS

Comments: MFG WILL NOT SUPPORT:07/11; MFG RECONSIDERING SUPPORT:06/16; MFG CONFIRMED THAT THE PRODUCT "RHYME" CAN ONLY BE USED FOR GH PRODUCTION, NOT FOR TRANSPLANTS FOR FIELD PRODUCTION; REQUESTOR AGREES WITH THE RESTRICTION FROM USE ON TRANSPLANTS, AND CONFIRMED THE GROWING MEDIUM IS SOMETHING LIKE ROCKWOOL OR COIR, AND IS DISCARDED AFTER USE; MFG REASSESSING FOR RISK CUP; MAY HAVE RISK CONCERNS IN CANADA:06/18; EPA GREEN:09/18; MFG CHANGED TO RESIDUE RESEARCHABLE:06/19; EPA GREEN:09/19; 2020 FUW PRIORITY "B" CHANGED TO "A" DURING NRPM:10/20; EXPECTATION IS THAT FOLIAR APPLIC WILL COVER DRIP/CHEMIGATION, SO IR-4 SHOULD ASK FMC FOR BOTH FOLIAR AND DRIP/CHEMIGATION TO BE INCLUDED ON THE LABEL:12/20

NER-EPA Region-FRD

21-MD177 James, Megan
(large)

NCR-EPA Region-FRD

21-OH*239 Horst, Leona
(small)
21-WI380 Chapman, Scott

SOR-EPA Region-FRD

21-TX308 Arias, Miguel
(large or small)(Reg 6)
21-FL105 Thomas, Darrell
(large or small)

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13082	21-FLR07	A	SAMOIL	SPIDOXAMAT (BAYER)	TOMATO (GH)	TOMATO SUBGROUP (08-10A)

Reason for Need: APHIDS, WHITEFLY, MEALYBUG, TSSM, PSYLLIDS, THRIPS (SUPPRESSION); NEW SOIL ACTIVE INSECTICIDE; WORKS ON MULTIPLE TOMATO ARTHROPODS; PER CA ME-TOO REQUEST 08/20: CA TOMATO GROWERS (PROCESSING AND FRESH MARKET) HAVE LITTLE OPTION WHEN IT COMES TO THRIPS AND LEAFHOPPER CONTROL; THIS NEW AI LOOKS LIKE IT HAS POTENTIAL; PER ME-TOO REQUEST FROM ME: BE SURE TO SEEK A 0-2 DAY PHI, 0-1 BEING IDEAL

Use Pattern: (PCR): USE THE SOLO SG 75 PRODUCT; MAKE 3-5 FOLIAR AND DRIP APPLIC (RATE TBD), 7-14 DAY INTERVAL, 0-1 DAY PHI; OTHER USE DIRECTIONS PER MFG REQUIREMENTS

IR-4 Residue Trial Plan: ANY 4 TRIALS (2 SMALL-FRUITED, 2 LARGE-FRUITED); 1 SMALL-FRUITED TRIAL IS A DECLINE

Comments: THIS REQUEST IS FOR TOMATO PRODUCTION IN THE GH; CANADA NOTED AS A KEY EXPORT MARKET; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:08/20; MFG CHANGED STATUS TO NEED RESIDUE DATA ONLY:09/20;CANADA IS INTERESTED IN THIS BEING A JOINT PROJECT:10/20

NER-EPA Region-FRD

21-MD182 James, Megan
(large fruited)

NCR-EPA Region-FRD

21-WI360 Chapman, Scott

SOR-EPA Region-FRD

21-FL135 Long, Michael
(cherry)(decline)
21-TX314 Arias, Miguel
(large fruit)

WSR-EPA Region-FRD

21-CA62 Ennes, D. (Kearney)
(cherry)

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>
12577	21-CAR10	A	PIKE	FLUMIOXAZIN + PYROXASULFONE (KICHEM,VALENT)	PEPPER (BELL & NONBELL)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: WEEDS IN ROW MIDDLES; IMPROVED SPECTRUM OF CONTROL OVER CURRENTLY REGISTERED PRODUCTS; PER NJ ME-TOO REQUEST, NEED IMPROVED CONTROL OF INCREASINGLY TROUBLESOME WEEDS LIKE COMMON PURSLANE IN ROW MIDDLES; PER AR ME-TOO REQUEST: NEEDED FOR PIGWEED, SEDGES, ETC.; PER NC ME-TOO REQUEST: THERE ARE LIMITED ALTERNATIVES FOR WEED CONTROL IN ROW MIDDLES

Use Pattern: (PCR): USE THE FIERCE PRODUCT; MAKE 2 PRE APPLIC TO THE SOIL IN ROW MIDDLES, USING A SHIELDED APPLICATOR, 14 DAYS APART; NO RATE OR PHI SPECIFIED; STUDIES ARE FOR PLASTIC MULCH PRODUCTION SYSTEMS ONLY USING A HOODED/SHIELDED SPRAYER

IR-4 Residue Trial Plan: BELL: 2 3 5 6 10-2; NON: ANY 4 (SUGGEST SITES 2 3/5 8/9 10); SAMPLE AT FRUIT MATURITY

Comments: TOLERANCE IS ESTABLISHED FOR FLUMIOXAZIN ON FRUITING VEGETABLES; NO KEY EXPORT MARKETS:07/18; VALENT AND KUMIAI SUPPORT, BUT KUMIAI REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK:08/18; MFG CONFIRMED E/CS DATA SUFFICIENT, MADE STATUS RESIDUE ONLY:09/20; EPA GREEN:12/20

<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>	
21-MD180	James, Megan	21-OH*245	Horst, Leona	21-FL113	Long, Michael	21-CA13	Leach, Nathan		
(bell)		(bell)		(bell)		(bell)			
		21-OH*378	Horst, Leona	21-FL114	Thomas, Darrell	21-CA14	Leach, Nathan		
				(non-bell)		(non bell)			
				21-GA*147	Fraelich, Ben	21-CA15	Skiles, Keri		
				(bell)		(bell)			
				21-NC210	Welker, Rob	21-CO101	Oman, Clark (CAT)		
				(non-bell)(Region 2)		(non bell) (Region 9)			
				21-SC*295	Wade, Paul				
				(non bell)					
				21-TX310	Arias, Miguel				
				(bell)					



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13084	21-FLR09	A	SAMOIL	SPIDOXAMAT (BAYER)	PEPPER (GH)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: APHIDS, WF, MEALYBUG, TSSM, PSYLLIDS, THRIPS (SUPPRESSION); NEW SOIL ACTIVE INSECTICIDE; PER MI ME-TOO REQUEST: SHOULD FIT NICELY IN PEPPERS, WITH ALL THE BIOS THAT ARE USED

Use Pattern: (PCR): USE THE SOLO SG 75 PRODUCT; MAKE 3-5 FOLIAR AND DRIP APPLIC (RATE TBD), 7-14 DAY INTERVAL, 0-5 DAY PHI; OTHER USE DIRECTIONS PER MFG REQUIREMENTS (GH GROWER GROUP REQUESTED PHI CHANGE TO 0-3 DAYS [5 DAYS IS REALLY HARD TO WORK WITH]:08/20)

IR-4 Residue Trial Plan: ANY 4 TRIALS (2 LARGE-FRUITED, 2 SMALL-FRUITED), 1 DECLINE TRIAL (1 OF THE 2 SMALL-FRUITED TRIALS)

Comments: CANADA NOTED AS A KEY EXPORT MARKET; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:08/20; MFG CHANGED STATUS TO NEED RESIDUE DATA ONLY:09/20; CANADA IS INTERESTED IN THIS BEING A JOINT PROJECT:10/20

<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>
21-MD184 (large) James, Megan	21-WI362 Chapman, Scott	21-FL137 Long, Michael (small) 21-TX316 Arias, Miguel (large)	21-CA63 Ennes, D. (Kearney) (small)(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>
13083	21-FLR08	A	SAMOIL	SPIDOXAMAT (BAYER)	CUCUMBER (GH)	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: APHIDS, WHITEFLY, MEALYBUG, TSSM, PSYLLIDS, THRIPS (SUPPRESSION); NEW SOIL ACTIVE INSECTICIDE; WORKS ON MULTIPLE CUCUMBER ARTHROPODS; PER ME-TOO REQUEST FROM ME: EXCITING NEW SYSTEMIC PRODUCT, SOFT ON THEIR BIOS

Use Pattern: (PCR): USE THE SOLO SG 75 PRODUCT; MAKE 3-5 FOLIAR AND DRIP APPLIC (RATE TBD), 7-14 DAY INTERVAL, 0-1 DAY PHI; OTHER USE DIRECTIONS PER MFG REQUIREMENTS (GH GROWER GROUP REQUESTED PHI CLARIFICATION OF 0-DAY FOR MINI CUCS, 1-DAY FOR FULL SIZE CUCS:08/20)

IR-4 Residue Trial Plan: ANY 4 TRIALS (2 SMALL-FRUITED, 2 ENGLISH TYPE), 1 DECLINE (1 OF THE 2 SMALL-FRUITED TRIALS)

Comments: CANADA NOTED AS A KEY EXPORT MARKET; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:08/20; MFG CHANGED STATUS TO NEED RESIDUE DATA ONLY:09/20

NER-EPA Region-FRD

21-MD183 Ross, Marylee
(small fruited)

NCR-EPA Region-FRD

21-OH*250 Horst, Leona
21-WI361 Chapman, Scott

SOR-EPA Region-FRD

21-FL136 Thomas, Darrell
(small)
21-TX315 Arias, Miguel
(small fruit)(decline)(Reg 6)

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12754	20-CAR01	A	SAMOIL	ETHEPHON (ADAMA,ARYSTA,BAYER)	ORANGE	ORANGE SUBGROUP (10-10A)

Reason for Need: FRESH MARKET CITRUS PEEL COLOR; TO OBTAIN BETTER PEEL COLOR FOR FRESH MARKET CITRUS VARIETIES

Use Pattern: (PCR): USE THE ETHEPHON 2 PLANT REGULATOR PRODUCT; MAKE 1 FOLIAR APPLIC OF 300 PPM SOLUTION (BY GROUND ONLY); APPLY AT 7-10 DAYS BEFORE EXPECTED NORMAL HARVEST, USING THOROUGH COVERAGE; 7-DAY PHI

IR-4 Residue Trial Plan: 3-6 (IN 2020), 3-6 (IN 2021); 1 DECLINE TRIAL EACH YR; 1 PROCESSING TRIAL IN 2020 (OIL, JUICE, DRIED PULP)

Comments: KEY EXPORT MARKETS INDICATED AS EU, CANADA, FAR EAST COUNTRIES; THERE IS A 0.05 PPM MRL IN THE EU, AND A 1 PPM MRL IN CANADA; PCR WAS SPECIFICALLY FOR "FRESH CITRUS IN THE CITRUS CROP GROUP 10-10"; IT WAS REQUESTED THAT NEW PR#s ALSO BE CREATED FOR LEMONS/12755 AND GRAPEFRUIT/12756; MFG (UPL, FORMER ARYSTA) INDICATED SUPPORT, AND THAT THEY MAY PROVIDE SOME FINANCIAL SUPPORT TO HELP OFFSET COSTS:06/19; EPA HOLD OF 08/19 CHANGED TO EPA CAUTION:09/19; TARGET IS A REGIONAL TOLERANCE, WITH RESIDUE DATA TO COME FROM 2020 AND 2021 TRIALS:10/19; STUDY TO BE CANCELLED, NO LONGER SUPPORTED BY MFG: 03/21;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 21-FL115 Long, Michael
- 21-FL116 Thomas, Darrell
- 21-FL117 Frost, Michael
- 21-FL118 Frost, Michael
- 21-FL119 Frost, Michael
- 21-FL120 Frost, Michael
- (decline)



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(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13141	21-CAR18	A	PIKE	OXATHIPIPROLIN (SYNGEN)	CHERRY	CHERRY SUBGROUP (12-12A)

Reason for Need: PHYTOPHTHORA ROOT ROT, CROWN, AND TRUNK DISEASES; ALTERNATIVES TO PHOSPHITE ARE NEEDED BECAUSE OF OVER USAGE AND THE DETECTION OF PHOSPHITE RESISTANCE IN SOME SPECIES; AN INTEGRATED PROGRAM WITH DIFFERENT MODES OF ACTION NEEDS TO BE DEVELOPED

Use Pattern: (PCR): USE THE ORONDIS PRODUCT; MAKE 2 SOIL APPLIC PER YEAR, USING 4.8-9.6 FL OZ PRODUCT/A (0.06-0.12 LB AI/A), 3-6 MONTH INTERVAL, 0-DAY PHI; APPLY AS A SOIL SPRAY OR DRENCH AROUND THE BASE OF TREES TO THE ZONE OF MAXIMUM ROOT DENSITY, OR THROUGH IRRIGATION WATER (MICRO-SPRINKLER OR DRIP); MUST ENSURE THE PRODUCT SOLUTION THOROUGHLY WETS THE TARGET ROOT ZONE; IF THE APPLIC METHOD DOES NOT MOVE THE PRODUCT TO THE ROOT ZONE, AND RAIN IS NOT IMMINENT, THEN FOLLOW APPLIC WITH 6-8 HR OF IRRIGATION

IR-4 Residue Trial Plan: SOUR: 1 5-4 9; SWEET: 5-2 10-2 11-2 (2 DECLINES, 1 EACH CHERRY TYPE)

Comments: KEY EXPORT MARKETS NOTED AS JAPAN, KOREA, TAIWAN, CANADA, MEXICO; THERE ARE NO CURRENT TOLERANCES ON CHERRY OR STONE FRUIT:08/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED (MUST BE WITHIN THE CURRENT USE RATES); SWEET CHERRY TO BE SUPPORTED BY 2021 CA GRANT FUND \$\$\$:09/20; EPA GREEN:12/20

NER-EPA Region-FRD

21-NY238 Jordan, Dr. Grant
(sour) (can also do efficacy)

NCR-EPA Region-FRD

21-MI196 Chaudhari, Dr. Sushila
(sour)(decline)
21-MI197 Chaudhari, Dr. Sushila
(sour)
21-MI198 Chaudhari, Dr. Sushila
(sour)
21-MI199 Chaudhari, Dr. Sushila
(sour)
21-MI200 Chaudhari, Dr. Sushila
(sweet)(CDFA)
21-MI201 Chaudhari, Dr. Sushila
(sweet)(CDFA)

SOR-EPA Region-FRD

WSR-EPA Region-FRD

21-CA94 Turner, B.(Turner Ag)
(sweet)(extra region 10 trial)(CDFA)
21-CA95 Skiles, Keri
(sweet)(decline)(CDFA)
21-CA96 Skiles, Keri
(sweet)(CDFA)
21-CO103 Oman, Clark (CAT)
(sour)(region 9)
21-ID171 Meeks, Mr. Will
(sweet)(CDFA)
21-WA*348 Larson, Duane
(sweet)
21-WA349 Peng, Wilson
(sweet)(CDFA)

CANADA-EPA Region-FRD



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Print Date: 7/20/2021

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12972	21-YAR07	A	PIKE	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	PEACH	PEACH SUBGROUP (12-12B)

Reason for Need: BROWN ROT; RESISTANCE MANAGEMENT AND DISEASE CONTROL EFFICACY NEEDED

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

IR-4 Residue Trial Plan: 1 2-4 4 5 6 10-4; 1 TRIAL IS A DECLINE

Comments: KEY EXPORT MARKETS NOTED INCLUDE HONG KONG, MEXICO, CANADA, TAIWAN; THERE ARE TOLERANCES ESTABLISHED FOR FLUDIOXONIL ON THE STONE FRUIT GROUP, AND FOR PYDIFLUMETOFEN ON PEACH SUBGROUP 12-12B (WITH THESE TOLERANCES, CAN THIS BE CONSIDERED COVERED?):03/20; EPA GREEN (BOTH AIs):08/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED; MIRAVIS (SOLO PYDIFLUMETOFEN) AND MIRAVIS DUO (PYDIFLUMETOFEN + DIFENOCONAZOLE) ARE REGISTERED:09/20

NER-EPA Region-FRD

21-NJ229 Fisher, Jennifer
21-NJ230 Freiberger, Tom

NCR-EPA Region-FRD

21-MI193 Van Woerkom, Anthony

SOR-EPA Region-FRD

21-GA*151 Fraelich, Ben
21-LA173 Wright, Denise
21-NC217 Welker, Rob
(Region 2)
21-NC218 Welker, Rob
(Region 2)

WSR-EPA Region-FRD

21-CA33 Skiles, Keri
(decline)
21-CA34 Skiles, Keri
21-CA35 Watkins, S.
21-CA36 Watkins, S.
21-CA289 Turner, B.(Turner Ag)
(Region 6 - OK?)

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>
12698	20-CAR02	A	HOMA	KASUGAMYCIN (ARYSTA)	PLUM	PLUM SUBGROUP (12-12C)

Reason for Need: BACTERIAL BLAST AND CANCKER; COPPER RESISTANCE IS WIDE SPREAD IN THE PATHOGEN POPULATION

Use Pattern: (PCR): USE KASUMIN 2L; MAKE 4 FOLIAR APPLIC OF 64 FL OZ/A, 7-DAY INTERVAL, 90-DAY PHI (PHI FOR CHERRY IS 30 DAYS); END-USE LABEL DIRECTIONS WOULD FOLLOW THE CURRENT CHERRY LABEL FOR KASUMIN

IR-4 Residue Trial Plan: 5 10-5 11 12, 1 DECLINE TRIAL, A 5X RATE TRIAL FOR DRIED PLUMS; NEED A "RED A" MI TRIAL IN 2021

Comments: KEY EXPORT MARKET NOTED AS ASIA; REQUESTOR INDICATES EFFICACY AND CROP SAFETY DATA ARE AVAILABLE; MFG SUPPORTS, RESIDUE ONLY, AND MAY PROVIDE SOME \$\$\$ ASSISTANCE:04/19; EPA (HOLD) CAUTION:09/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-MI191 Van Woerkom, Anthony



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12809	20-CAR03	A	HOMA	OXYTETRACYCLINE (AGROSO,NUFARM)	PLUM	PLUM SUBGROUP (12-12C)

Reason for Need: BACTERIAL CANKER AND BLAST; ROTATIONAL PRODUCT FOR KASUGAMYCIN

Use Pattern: (PCR): USE FIRELINE OR MYCOSHIELD; MAKE 2 DORMANT AND 2 BLOOM FOLIAR APPLIC OF 16 OZ (200 PPM AI)/100 GAL, 7-DAY INTERVALS, 140-DAY PHI; APPLY PRIOR TO COLD WET WEATHER TO PREVENT CANKERS DURING DORMANCY AND BLAST DURING BLOOM

IR-4 Residue Trial Plan: 5 10-4 12, 1 PROCESSING (1X AND 2X RATES - DRIED PLUMS); 1 DECLINE NEEDED:01/20; NEED "RED A" MI TRIAL IN 2021

Comments: KEY EXPORT MARKETS NOTED AS GERMANY, JAPAN, HONG KONG; SEE PR# 03660 FOR PLUM REQUEST FOR DIFFERENT PESTS AND DIFFERENT USE PATTERN:08/19; AGROSOURCE SUPPORTS, RESIDUE ONLY:08/22/19; NUFARM SUPPORTS, RESIDUE AND E/CS DATA:08/27/19; COMMODITY CHANGED (PER TFM APPROVAL) FROM THE REQUESTED "PRUNE" TO "PLUM":01/20; EPA (HOLD) CAUTION:12/19; NUFARM CONFIRMED THEY ARE NOT ABLE TO SUPPORT THIS USE:02/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-MI192 Van Woerkom, Anthony



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12933	21-CAR13	A	SAMOIL	GLUFOSINATE (BASF,UPL NA)	KIWIFRUIT	SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT GRAPE (13-07E)

Reason for Need: WEEDS; WEEDS REDUCE ORCHARD EFFICIENCY BY COMPETING FOR RESOURCES (WATER AND NUTRIENTS), INTERFERE WITH CULTURAL PRACTICES SUCH AS IRRIGATION AND MANAGEMENT OF INSECT/PATHOGEN/VERTEBRATE PESTS, AND CAN INCREASE UNDER-CANOPY HUMIDITY IN DENSELY PLANTED TRELLISED KIWI PRODUCTION SYSTEMS; RELATIVELY FEW POSTEMERGENCE HERBICIDES ARE REGISTERED FOR USE IN KIWIFRUIT; THE PRIMARY HERBICIDE, GLYPHOSATE, IS CHALLENGED BY GLYPHOSATE-RESISTANT WEEDS AND ALSO BY CURRENT MARKET CONCERNS ABOUT HEALTH IMPACTS

Use Pattern: (PCR): USE THE LIFELINE, OR RELY280 PRODUCT; MAKE UP TO A MAX OF 4 POST EMERGENCE APPLIC OF 0.88-1.49 LB AI/A TO WEEDS, 30-DAY INTERVAL, 14-DAY PHI; DIRECT SPRAY TO VINE ROW; ADD AMS AT 8 LB/100 GAL; DO NOT APPLY THROUGH ANY TYPE OF IRRIGATION SYSTEM, NOR BY AIR; DO NOT CONTACT GREEN BARK, TRUNKS OF YOUNG TREES OR SUCKERS WITH THE SPRAY

IR-4 Residue Trial Plan: 10-4

Comments: REQUESTOR CONFIRMED THE NEED IS FOR FUZZY KIWIFRUIT (THERE IS A GRAPE TOLERANCE, WHICH CAN COVER THE HARDY KIWIFRUIT, IF A SUBGROUP 13-07F TOLERANCE IS SECURED); NO KEY EXPORT MARKETS NOTED:01/20; BASF SUPPORTS THIS USE, RESIDUE AND CROP SAFETY DATA NEEDED (NO EFFICACY); EPA GREEN:08/20; TO BE SUPPORTED WITH 2021 CA GRANT FUND \$\$\$:09/20; RESEARCHABLE, RESIDUE & E/CS DATA NEEDED CHANGED TO E/CS DATA ON-GOING AND WILL UPDATE AGAIN ONCE RESIDUE PROTOCOL IS SIGNED:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-CA28 (CDFA)	Skiles, Keri
21-CA29 (CDFA)	Skiles, Keri
21-CA30 (30 days)(CDFA)	Kyser, Guy
21-CA31 (CDFA)	Kyser, Guy
21-CA32 (CDFA)	Turner, B.(Turner Ag)



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11811	21-MIR02	A	SAMOIL	BENZOVINDIFLUPYR (SYNGEN)	CRANBERRY	LOW GROWING BERRY SUBGROUP, EXCEPT STRAWBERRY (13-07H)

Reason for Need: FRUIT ROT COMPLEX; PER MA ME-TOO REQUEST: CRANBERRY FRUIT ROT HAS ONLY 2 GROUPS OF EFFECTIVE FUNGICIDES REGISTERED (GROUPS 3 AND 11); IN MA RESEARCH APROVIA (GROUP 7) PROVIDED SIGNIFICANT CONTROL COMPARED TO THE UNTREATED; IT IS A HIGH PRIORITY TO DIVERSIFY THE FRUIT ROT TOOL KIT BEFORE RESISTANCE EMERGES

Use Pattern: (PCR): USE THE APROVIA PRODUCT; MAKE 2 FOLIAR APPLIC OF 7 OZ PROD/A; 7-14 DAY INTERVAL BEGINNING DURING EARLY BLOOM; 30-DAY PHI

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

Comments: KEY EXPORT MARKETS INCLUDE EU, CANADA; NEED CODEX MRL; IS REGISTERED (ALSO NAMED SOLATENOL) ON LOWBUSH BLUEBERRY ONLY IN THE NON-BEARING YEAR:09/15; MFG SUPPORTS, WITH PERFORMACE RESEARCH CONCURRENT WITH RESIDUE TRIALS; MFG SUGGESTS IR4 CONDUCT SUFFICIENT TRIALS TO SUPPORT CODEX MRLS:10/15; EPA CAUTION:08/16; MFG CONFIRMED THIS USE CAN NO LONGER BE SUPPORTED, AND IT NEEDS TO BE REMOVED FROM THE IR-4 2017 RESEARCH PLAN:10/25/16; MFG RECONSIDERED THIS REQUESTED USE, AND NOW IS SUPPORTIVE (THERE ARE STILL SOME HURDLES, BUT THERE IS A PATH FORWARD FOR REGISTRATION NOW); WAS AN "A" PRIORITY TO BECOME PART OF THE 2017 RESEARCH PLAN, BUT "A" REMOVED SO IT CAN BE RE-PRIORITIZED:08/20; CANADA IS INTERESTED IN THIS BEING A JOINT PROJECT:10/20; EPA GREEN:12/20

NER-EPA Region-FRD

21-MA176 Uppala, Leela
21-NJ225 Freiburger, Tom

NCR-EPA Region-FRD

21-WI350 Heider, Daniel J.
21-WI351 Heider, Daniel J.
(decline)

SOR-EPA Region-FRD

WSR-EPA Region-FRD

21-OR262 Lightle, Dani

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>
12721	21-CAR11	A	SAMOIL	QUINCLORAC (ADAMA,ALBAGH)	HAZELNUT (FILBERT)	TREE NUT GROUP (14-12)

Reason for Need: FIELD BINDWEED; LIMITED OPTIONS OF EFFECTIVE POST-EMERGENCE HERBICIDES FOR CONTROLLING FIELD BINDWEED:05/19

Use Pattern: (PCR): USE THE QUINSTAR 4L PRODUCT; MAKE 1 OR 2 BROADCAST APPLIC OF 12.6 FL OZ/A (0.374 LB AI/A), APPLIED IN THE SPRING OR SUMMER WHEN BINDWEED IS ACTIVELY GROWING; NO PHI INDICATED

IR-4 Residue Trial Plan: ANY 4

Comments: KEY EXPORT MARKET NOTED IS CHINA; MFG SUPPORTS, ONLY RESIDUE DATA NEEDED:05/19; EPA GREEN:09/19 & 08/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-OR263	Lightle, Dani
21-OR264	Lightle, Dani
21-OR265	Lightle, Dani
21-OR266	Lightle, Dani



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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>
12790	20-CAR08	A	PIKE	CHLORANTRANILIPROLE (FMC)	RICE	CEREAL GRAINS AND CEREAL GRAINS FORAGE/FODDER/STRAW GROUPS (15-16)

Reason for Need: ARMYWORM (TRUE & WESTERN YELLOW- STRIPED) MYTHIMNA (= PSEUDALETIA) UNIPUNCTA AND SPODOPTERA PRAEFICA; THE TRUE ARMYWORM IS MOST PREVALENT IN CA RICE AND DIFFICULT TO CONTROL; CHLORANTRANILIPROLE IS A PRE-PLANT SOIL APPLIED INSECTICIDE FOR EARLY SEASON INSECT PESTS SUCH AS RICE WATER WEEVIL; THE SECTION 3 LABEL PROHIBITS FOLIAR APPLIC TO RICE; THIS IS A REQUEST TO EXPAND THE USE TO FOLIAR APPLIC TO RICE FOR ARMYWORM CONTROL; ALTERNATIVE INSECTICIDES ARE INEFFECTIVE AND HAVE ADDITIONAL LIMITATIONS WITH HERBICIDE APPLIC; METHOXYFENOZIDE IS AN IGR USED AS A SECTION 18 SINCE 2015; CONCERNS EXIST ABOUT METHOXYFENOZIDE BUILDING RESISTANCE

Use Pattern: (PCR): USE PREVATHON INSECT CONTROL; MAKE NO MORE THAN 2 FOLIAR APPLIC OF 20 FL OZ PRODUCT (0.067 LB AI)/A, FROM EARLY TILLERING TO PANICLE INITIATION, AND UP TO FLOWERING; 7-DAY INTERVAL (IF A SECOND APPLIC IS NEEDED), 1-DAY PHI; BEGIN APPLICATIONS WHEN FIRST SIGNS OF FEEDING DAMAGE APPEAR OR WHEN THRESHOLD LEVELS OF FEEDING DAMAGE OCCUR; APPLY BY AIR OR GROUND (MINIMUM 5 GPA); PREPLANT APPLIC OF CHLORANTRANILIPROLE HAVE A WATER HOLDING REQUIREMENT OF 14-DAYS; ASSUME THAT WOULD CARRY FORWARD TO FOLIAR APPLIC, AND POSSIBLY INCREASE; WILL PROVIDE EXAMPLES OF WATER HOLDING REQUIREMENTS FOR CALIFORNIA RICE; THE WATER HOLDING REQUIREMENTS ARE IN PLACE FOR EFFICACY AND FOR PESTICIDE DEGRADATION TO ACCEPTABLE LEVELS BEFORE RELEASE FROM THE FIELD; THE ADDITION OF AGRICULTURAL ADJUVANTS MAY IMPROVE INITIAL SPRAY DEPOSITS, REDISTRIBUTION AND WEATHER-ABILITY; SELECT ADJUVANTS THAT ARE CERTIFIED BY CHEMICAL PRODUCERS & DISTRIBUTORS ASSOC. AND REGISTERED FOR THE SPECIFIC USE PATTERN

IR-4 Residue Trial Plan: 4-11 5 6 10-3, 2 DECLINE TRIALS; NEED 1 CA "RED A" TRIAL IN 2021:10/20

Comments: KEY EXPORT MARKETS INCLUDE JAPAN, TAIWAN, CHINA; ALSO CODEX:07/19; MFG CONFIRMED THIS REQUEST IS RESEARCHABLE, AND REQUESTS THAT RESIDUE DATA BE GENERATED THAT WOULD ALSO SUPPORT THIS USE IN THE MID-SOUTH, NOT JUST CA:08/19; CA TRIALS TO BE SUPPORTED BY CA SPECIAL GRANT FOR 2020:09/19; EPA GREEN:12/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-CA16 Watkins, S.
(Repl ft - \$ needed)
21-CA377 Watkins, S.
(Repl for 21-CA16 - add'l \$ needed)



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13195	21-FLR13	A	PIKE	PROTHIOCONAZOLE (BAYER)	GRASSES (SEED CROP)	GRASS FORAGE, FODDER AND HAY GROUP (17)

Reason for Need: RUSTS (PUCCINIA SPP.)

Use Pattern: (PCR): USE THE PROSARO PRODUCT (PROTHIOCONAZOLE + TEBUCONAZOLE); MAKE FOLIAR APPLIC OF 0.1094 LB AI/A IN 20 GPA, BY AIR OR GROUND, STARTING AT THE EARLIEST SIGNS OF DISEASE SYMPTOMS; USE A SURFACTANT FOR OPTIMAL DISEASE CONTROL; 14-DAY PHI; # OF APPLIC AND INTERVAL NOT SPECIFIED; MFG REQUESTS THE FOLLOWING USE PATTERN BE USED IN RESIDUE TRIALS: USE THE PROLINE PRODUCT AT 3.5 OZ PROD/A (=200 G AI/HA, OR 0.178 LB AI/A; THIS COVERS THE PROSARO RATES, TOO); APPLY WITH A SURFACTANT VIA FOLIAR BROADCAST BY GROUND OR AIR, 3 APPLIC/YEAR AT 14-DAY INTERVALS AND 7-14 DAY PHI; THE GRAZING RESTRICTION WILL BE THE SAME AS THE PHI, AND COULD BE 7-14 DAYS:08/15

IR-4 Residue Trial Plan: 11/12-4 (1 DECLINE) - FORAGE AND HAY

Comments: USE NEEDED AS A RESISTANCE MGMT STRATEGY WITH REGARD TO STROBILURINS; PER MFG ONLY FORAGE AND HAY WILL REQUIRE TOLERANCES, AND NO INT'L MRLS ARE NEEDED:08/15; EPA CAUTION (FOR TEBUCONAZOLE):09/15; ORIGINAL REQUEST WAS FOR PROTHIOCONAZOLE + TEBUCONAZOLE, BUT FOR THE RESIDUE STUDY DATA IS ONLY NEEDED FOR PROTHIOCONAZOLE AND THE SOLO PRODUCT (PROLINE) WILL BE USED AS TEST SUBSTANCE; THUS, THE CHEMICAL TARGET FOR THIS REQUEST IS CHANGED TO JUST PROTHIOCONAZOLE TO MESH WITH THE PROTOCOL /MASTER SCHEDULE; PLANS ARE TO REGISTER THE SOLO PRODUCT PROLINE, AS WELL AS THE DUAL AI PRODUCT PROSARA:01/16; THIS NEW PR# WAS CREATED TO REPLACE PR# 11718 SINCE THE LAB WAS UNABLE TO COMPLETE THE ANALYSIS AND THE SAMPLES ARE NOW TOO OLD TO ANALYZE:01/21

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-ID169	Meeks, Mr. Will
21-OR273 (decline)	Lightle, Dani
21-OR274	Lightle, Dani
21-WA346	Peng, Wilson
21-WA366	Peng, Wilson
21-WA*345	Larson, Duane



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(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13062	21-MIR05	A	LENNON	FLUMETSULAM (AMVAC,DOWAGR)	CLOVER (SEED CROP)	NONGRASS ANIMAL FEEDS GROUP (18)

Reason for Need: BROADLEAF WEED CONTROL, INCLUDING SEVERAL SPECIES OF DOCK; CURRENT PRODUCTS ARE NOT PROVIDING ACCEPTABLE LEVEL OF CONTROL

Use Pattern: (PCR): THIS IS A REVISED USE PATTERN FROM PR# 11505; USE THE PYTHON PRODUCT; MAKE FOLIAR APPLIC OF 0.033-0.0665 LB AI/A; 0.033 LB AI/A TO 4 TRIFOLIATE ESTABLISHED AND SEEDLING RED, WHITE AND CRIMSON CLOVER; FOR SEEDLING RED CLOVER FOR DOCK CONTROL, USE 0.033 LB AI/A PREEMERGENT TO 4 TRIFOLIATE CLOVER; FOR ESTABLISHED AND SEEDLING RED, WHITE AND CRIMSON CLOVER, USE 0.0665 LB AI/A NOVEMBER 1 THROUGH MARCH 1 (MINIMUM 4 TRIFOLIATE FOR SEEDLING STANDS); NO PHI NOTED

IR-4 Residue Trial Plan: 11/12-5 (HAY AND FORAGE FROM EACH TRIAL)

Comments: NO KEY EXPORT MARKETS IDENTIFIED; SEE PR# 11505 FOR STUDY THAT COULD POSSIBLY COVER THIS NEWLY REQUESTED USE PATTERN, BUT THERE ARE SOME ANALYTICAL AND CROP SAFETY CONCERNS WITH THAT STUDY; THIS LABEL IS VERY IMPORTANT FOR CLOVER FOR SEED GROWERS; POSSIBLY SHOULD CONSIDER A REGIONAL LABEL (SUCH AS WEST OF THE CASCADES); AMVAC SUPPORTS THIS USE, RESIDUE ONLY, AND MAY ASSIST WITH SOME FINANCIAL GRANT TO OFFSET RESEARCH COSTS:07/20; AMVAC DOES REQUIRE ADDITIONAL CLOVER TOLERANCE DATA, WHICH CAN BE GENERATED ALONG WITH RESIDUE DATA DURING THE SAME TIME PERIOD:08/20; AMVAC CONFIRMED FURTHER EFFICACY DATA ARE NEEDED, IN CRIMSON CLOVER ONLY; IR-4 TO CONDUCT 1 CRIMSON CLOVER TRIAL IN THE CURRENT CROP AND 1 TRIAL IN NEXT YEAR'S CROP:11/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-ID168	Meeks, Mr. Will
21-OR271	Lightle, Dani
21-OR272	Lightle, Dani
21-WA*341	Larson, Duane
21-WA342	Peng, Wilson
21-WA343	Peng, Wilson



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13132	21-FLR11	A	PIKE	SPINETORAM (CORTEVA)	SESAME	RAPESEED SUBGROUP (20A)

Reason for Need: SESAME LEAFROLLER (ANTIGASTRA CATALAUNALIS); SESAME LEAFROLLER HAS BECOME A MAJOR PEST OF SESAME IN RECENT YEARS, FEEDING DIRECTLY ON THE SEED CAPSULE SIGNIFICANTLY REDUCING YIELD

Use Pattern: (PCR): USE THE RADIANT SC PRODUCT; MAKE UP TO 3 FOLIAR APPLIC OF 0.0391-0.0781 LB AI/A, 4-DAY INTERVAL, 28-DAY PHI; APPLY WHEN PESTS ARE PRESENT; USE A MINIMUM 10 GPA; USE SPRAY NOZZLES WHICH PRODUCE FINE TO COARSE DROPLETS; A SURFACTANT MAY BE USED TO AID IN CANOPY PENETRATION AND UNIFORM COVERAGE; METHYLATED SEED OIL PLUS ORGANOSILICONE PRODUCTS OR A CROP OIL CONCENTRATE MAY BE ADDED AT 1% V/V

IR-4 Residue Trial Plan: ANY 4 TRIALS WHERE CROP IS GROWN, 1 PROCESSING TRIAL (OIL)

Comments: JAPAN NOTED AS A KEY EXPORT MARKET; MFG SUPPORTS, RESIDUE ONLY; MFG HAS A PREMIX INTREPID EDGE THAT CONTAINS BOTH SPINETORAM AND METHOXYFENOZIDE (SEE PR# 13133), SO CONSIDER RESIDUE TRIALS WITH THE COMBO PRODUCT:08/20; IT WAS DECIDED TO REPLACE THIS "A" PRIORITY FROM THE 2020 WORKSHOP WITH PR# 13132 WITH 13202, METHOXYFENOZIDE+SPINETORAM, USING A DUAL AI PRODUCT:02/21; EPA GREEN:12/20; STATUS CHANGED FROM "BLANK" TO "A" SINCE IT WAS ADDED BACK AS A 2021 (WILL NOT PROCEED WITH 13202):04/21

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-SD302 Reicks, Graig
(region 7)

21-TX322 Arias, Miguel
(processing)
21-TX323 Arias, Miguel
21-TX371 Arias, Miguel
Replace 21-SD302; No \$ needed

21-CA92 Watkins, S.
21-CA93 Leach, Nathan



2021 Tentative/Scheduled Studies Residue Only

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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13178	21-FLR12	A	MOORE,P	GLUFOSINATE (BASF,UPL NA)	SUNFLOWER	SUNFLOWER SUBGROUP (20B)

Reason for Need: FROM THE SAFFLOWER REQUEST: HAIRY FLEABANE (CONYZA BONARIENSIS), HORSEWEED (CONYZA CANADENSIS); GROWERS ARE UNABLE TO CONTROL THESE WEED SPECIES WITH CURRENT REGISTERED HERBICIDES; GLUFOSINATE CANNOT BE USED IN A SAFFLOWER PRODUCTION SYSTEM AS IT HAS A RESTRICTIVE ROTATION INTERVAL OF 180 DAYS BEFORE SAFFLOWER CAN BE PLANTED

Use Pattern: (PCR): FROM THE SAFFLOWER REQUEST: USE THE RELY 280 PRODUCT; MAKE 2 FOLIAR APPLIC OF 0.88 LB AI/A (48 FL OZ PRODUCT/A); 7-DAY INTERVAL; PHI IS TBD; USE THIS AI TO CONTROL WEEDS PRIOR TO PLANTING SAFFLOWER (IR-4 HQ SUGGESTS THIS BE CONSIDERED A PREPLANT BURNDOWN USE)

IR-4 Residue Trial Plan: 5-2,7-3, 8 (1 processing, meal and refined oil)

Comments: FROM THE SAFFLOWER REQUEST (13120): NO KEY EXPORT MARKETS WERE NOTED; MFG SUPPORTS THIS PREPLANT BURNDOWN USE, RESIDUE AND E/CS DATA REQUIRED (BUT NO EFFICACY, JUST CROP SAFETY); CONSIDER TRIAL SITES IN CANADA IF PMC HAS INTEREST IN A JOINT PROJECT:08/20; THE SAFFLOWER REQUEST WAS GIVEN AN "A" PRIORITY AT THE 2020 FUW, BUT IT WAS DECIDED THE RESIDUE STUDY WILL BE DONE ON SUBGROUP 20B REP CROP SUNFLOWER, FOR WHICH THIS NEW PR# 13178 WAS CREATED:10/20; EPA GREEN:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-MI206 Chaudhari, Dr. Sushila
 21-OH*255 Horst, Leona
 21-SD303 Reicks, Graig
 (region 5)(processing)
 21-SD304 Reicks, Graig
 (region 5)
 21-SD305 Reicks, Graig
 (region 7)
 21-SD306 Reicks, Graig
 (region 7)
 21-SD307 Reicks, Graig
 (region 7)

21-CO104 Oman, Clark (CAT)
 (Region 8)



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13099	21-TIR02	A	PIKE	DIFENOCONAZOLE + AZOXYSTROBIN (SYNGEN)	OLIVE	TROPICAL AND SUBTROPICAL, SMALL FRUIT, EDIBLE PEEL SUBGROUP (23A)

Reason for Need: PEACOCK SPOT OR OLIVE LEAF SPOT; DEVELOP AN INTEGRATED MANAGEMENT PROGRAM THAT IS LESS DEPENDENT ON COPPER

Use Pattern: (PCR): USE THE QUADRIS TOP PRODUCT; MAKE 1-2 FOLIAR APPLIC OF 14 FL OZ PRODUCT/A, 30-DAY INTERVAL, 180-DAY PHI; APPLY AFTER HARVEST AND BEFORE WINTER RAINS, WITH THE SECOND APPLIC IN JANUARY; SYNG SUGGESTS TO FOLLOW THE QUADRIS TOP GAP:09/20

IR-4 Residue Trial Plan: ANY 4, 1 PROCESSING TRIAL (OIL)

Comments: THE PACIFIC RIM WAS NOTED AS A KEY EXPORT MARKET; THERE ARE CURRENTLY NO TOLERANCES ON OLIVE FOR EITHER AI, BUT THERE IS AN ACTIVE IR-4 RESIDUE STUDY WITH DIFEN+CYPRODINIL (PR# 12545); THUS, THE USE PATTERN FOR THIS PROJECT SHOULD BE SUCH THAT THE DIFENOCONAZOLE USAGE MATCHES WHAT IS BEING DONE IN PR# 12545; EPA CAUTION FOR DIFENOCONAZOLE:08/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED (ONLY AZOXY RESIDUE DATA NEEDED):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

21-CA73	Watkins, S.
(processing)	
21-CA74	Watkins, S.
21-CA75	Leach, Nathan
21-CA76	Skiles, Keri



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(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12898	21-CAR12	A	SAMOIL	METHOXYFENOZIDE (CORTEVA)	FIG	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B)

Reason for Need: NAVEL ORANGEWORM (PYRALIDAE: AMYELOIS TRANSITELLA); NAVEL ORANGEWORM (NOW) IS A KEY PEST OF FIGS, BUT MORE FREQUENTLY ASSOCIATED WITH TREE NUTS (ITS PREFERRED HOST); MOST NOW SPRAYS IN TREE NUTS CONSIST OF PYRETHROIDS, METHOXYFENOZIDE, AND/OR CHLORANTRANILIPROLE -- THE LATTER TWO ARE WHAT UC IPM IS SUGGESTING FOR NOW, BECAUSE THEY'RE SOFTER AND NOW THERE IS RESISTANCE TO PYRETHROIDS IN CA; CURRENTLY ONLY CHLORANTRANILIPROLE IS REGISTERED FOR USE ON FIGS; FOR THIS SOFTER SPRAY PROGRAM TO BE EFFECTIVE FIG GROWERS SHOULD HAVE ACCESS TO BOTH PRODUCTS

Use Pattern: (PCR): USE INTREPID; MAKE FOLIAR APPLIC OF 12-24 OZ/A, 6-DAY INTERVALS (4 HR INTERVAL IN THE REQUEST IS THE REI), 7-DAY PHI

IR-4 Residue Trial Plan: 10-4 (ALL SITES FRESH FIGS); 1 PROCESSING TRIAL WITH 1X RATE (DRY FIGS)

Comments: CANADA IS NOTED AS A KEY EXPORT MARKET; MFG SUPPORTS, RESIDUE ONLY:09/19; MFG CONFIRMED THEY WOULD NOT SUPPORT AN IMPORT TOLERANCE INTO CANADA:06/20; EPA GREEN:08/20; TO BE SUPPORTED WITH 2021 CA GRANT FUND \$\$\$:09/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 21-CA26 Skiles, Keri
(CDFA)
- 21-CA23 Skiles, Keri
(CDFA)
- 21-CA24 Skiles, Keri
(processing)(CDFA)
- 21-CA25 Watkins, S.
(CDFA)
- 21-CA27 Watkins, S.
(CDFA)



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13183	21-GPR01	A	SAMOIL	SULFUR DIOXIDE (DELTA, SNOWDEN, TEDMRK, TESSARA)	FIG	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B)

Reason for Need:

Use Pattern: (PCR):

IR-4 Residue Trial Plan: 10-4

Comments: X-REF WITH PR# 12404, HOWEVER THIS ADDED STUDY WILL BE FOR PADS ONLY - NO SULFUR DIOXIDE GAS TREATMENT:11/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-CA97	Ennes, D. (Kearney)
21-CA98	Ennes, D. (Kearney)
21-CA99	Ennes, D. (Kearney)
21-CA100	Ennes, D. (Kearney)



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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>
13075	21-FLR01	A	LENNON	PENTHIOPYRAD (DUPONT)	AVOCADO	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

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

Use Pattern: (PCR): USE THE FONTELIS PRODUCT; MAKE 3 FOLIAR DIRECTED APPLIC OF 0.313 LB AI/A, 10-DAY INTERVAL, 0-DAY PHI; INCLUDE AN ADJUVANT

IR-4 Residue Trial Plan: 3-2 10-3 (1 DECLINE) (IR-4 TFM APPROVED DOING REG. 13 TRIALS INSTEAD OF REG. 3 TRIALS)

Comments: IS A LIKELY EXPORT COMMODITY, BUT NO KEY EXPORT MARKET NOTED; THIS USE, ALONG WITH THE ACTIVE IR-4 BANANA STUDY (PR#11307), COULD SUPPORT A SUBGROUP 24B TOLERANCE AND COVER MANY CROPS, LIKE MANGO (PR#12997):06/20; CORTEVA SUPPORTS THIS REQUEST, AND MINIMALLY WOULD NEED RESIDUE AND CROP SAFETY DATA:08/20; EPA GREEN:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-FL132	Tannenbaum, Rebecca	21-CA42	Leach, Nathan
21-FL133	Tannenbaum, Rebecca	21-CA43	Ennes, D. (Kearney)
21-PR284	Robles Vazquez, W.	21-CA44	Leach, Nathan
		(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>
13081	21-FLR06	A	MOORE,P	DIMETHENAMID-P (BASF)	POMEGRANATE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: WEEDS; PARTICULARLY YELLOW NUTSEDGE; YELLOW NUTSEDGE IS NOT WELL CONTROLLED BY OTHER PREEMERGENCE OR POSTEMERGENCE HERBICIDES REGISTERED IN POMEGRANATE IN CA

Use Pattern: (PCR): USE THE OUTLOOK PRODUCT; MAKE 2 APPLIC OF 12-21 FL OZ PRODUCT/A; APPLY PREEMERGENCE TO TREE ROWS AND INCORPORATE WITH RAINFALL OR IRRIGATION; 14-DAY RETREATMENT INTERVAL, 60-DAY PHI; APPLY IN A SINGLE APPLIC OF 21 FL OZ/A IN THE SPRING BEFORE NUTSEDGE EMERGENCE, OR AS A SPLIT APPLIC IN SPRING AND EARLY SUMMER (USING 10-14 FL OZ/A APPLIED INITIALLY AND THE REMAINING 7-11 FL OZ/A IN THE 2ND APPLIC)

IR-4 Residue Trial Plan: ANY 4

Comments: NO KEY EXPORT MARKETS NOTED:07/20; BASF SUPPORTS THIS REQUEST, ONLY RESIDUE DATA REQUIRED; BASF EXPECTS THERE TO BE NO QUANTIFIABLE RESIDUES IN POMEGRANATE COMMODITIES, BUT IF RESIDUES DO OCCUR AT >0.01 PPM IN THE MOR STUDY, BASF WOULD RECONSIDER THEIR SUPPORT OF THIS PROJECT:08/20; EPA CAUTION:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-PR285	Robles Vazquez, W.	21-CA59	Watkins, S.
		21-CA60	Watkins, S.
		21-CA61	Skiles, Keri



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11997	21-YAR03	A	MOORE,P	BICYCLOPYRONE (SYNGEN)	PINEAPPLE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, ROUGH OR HAIRY, INEDIBLE PEEL SUBGROUP (24C)

Reason for Need: WEEDS - HAVE FEW TOOLS FOR WEED CONTROL DURING HARVEST SEASON; PER HI ME-TOO REQUEST: NEED NEW IN-SEASON HERBICIDES, AND ADDITIONAL MOA PRODUCTS FOR RESISTANCE MANAGEMENT

Use Pattern: (PCR): MAKE 2 SOIL APPLIC OF 50 G AI/HA, 30-DAY INTERVAL, 0-DAY PHI; APPLY AS POST-DIRECTED SPRAY TO EMERGED WEEDS PRIOR TO HARVEST

IR-4 Residue Trial Plan: 13-8 (1 DECLINE); 1 PROCESSING TRIAL (PROCESSED RESIDUE [WET BRAN] & JUICE)

Comments: MFG DOING WORK TO LABEL THIS USE:08/16; MFG MADE THIS RESEARCHABLE BECAUSE THEIR TRIALS WERE LOST IN THE HURRICANE:05/19; MFG DID CROP SAFETY TRIALS AND IT WAS VERY SAFE:05/20; EPA GREEN: 08/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-PR279	Robles Vazquez, W.	21-HI153	Coughlin, Julie
21-PR280	Robles Vazquez, W.	(processing) no add'l \$	is needed for pro
21-PR277	Robles Vazquez, W.	21-HI154	Coughlin, Julie
(decline)		21-HI155	Coughlin, Julie
21-PR278	Robles Vazquez, W.	21-HI156	Coughlin, Julie



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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>
13057	21-MIR04	A	SAMOIL	ACETAMIPRID (NISSO,UPL NA)	DRAGON FRUIT (PITAYA)	TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D)

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

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

IR-4 Residue Trial Plan: ANY 4

Comments: NO KEY EXPORT MARKET NOTED:06/20; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:07/20; EPA GREEN:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-FL129	Tannenbaum, Rebecca	21-HI158	Kam, James
21-FL130	Tannenbaum, Rebecca	21-HI159	Kam, James
21-PR283	Robles Vazquez, W.	(30 day differentiation)	



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<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

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

21-FL127	Tannenbaum, Rebecca	21-HI157	Kam, James
21-FL128	Tannenbaum, Rebecca		
21-PR282	Robles Vazquez, W.		



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12791	20-MIR11	A	PIKE	ACIFLUORFEN (UPL NA)	BASIL	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

Reason for Need: ANNUAL BROADLEAVES AND GRASSES; THE RESULT SHOULD BE BETTER QUALITY FRESH PRODUCT, AND LARGER YIELDS; FEW SAFE AND EFFECTIVE HERBICIDES ARE LABELED FOR BASIL; PER IL ME-TOO REQUEST, NEED PURSLANE CONTROL, FOR WHICH OTHER HERBICIDES ARE NOT AS EFFECTIVE; PER HI ME-TOO REQUEST, BASIL GROWERS THERE NEED AN EFFECTIVE HERBICIDE FOR ROUND-UP RESISTANT WEEDS AND FOR POST EMERGENCE USE SINCE THE GROWING SEASON IS YEAR ROUND; PER CA ME-TOO REQUEST, THEY STRUGGLE WITH A VARIETY OF HORRIBLE WEED PROBLEMS AND CURRENTLY AVAILABLE HERBICIDE OPTIONS DO VERY LITTLE, IF ANYTHING AT ALL:08/19

Use Pattern: (PCR): USE ULTRA BLAZER PRODUCT; MAKE 1 PREEMERGENCE APPLIC TO THE SOIL AFTER SEEDING BASIL, USING 0.25-0.375 LB AI/A, 60-DAY PHI; DO NOT APPLY POSTEMERGENCE TO BASIL

IR-4 Residue Trial Plan: ANY 4 TRIALS, FRESH AND DRIED; NEED 3 "RED A" TRIALS IN 2021:10/20

Comments: NO EXPORT MARKETS NOTED:08/19; MFG APPROVED PER 9/23/19 EMAIL, RESIDUE AND E/CS DATA NEEDED:09/19; EPA GREEN:12/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-OH*246 Horst, Leona

21-GA*148 Fraelich, Ben
(Replaced by GA*375)
21-TX311 Arias, Miguel
(Repl TX ft - no \$ needed)
21-GA*375 Fraelich, Ben
(Repl GA*148 - no \$ needed)
21-GA*376 Fraelich, Ben
(Repl GA*375 - no \$ needed)

21-ID162 Meeks, Mr. Will
(Repl WA ft - \$ needed)



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(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u> 13067	<u>LAB</u> 21-CAR17	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> MOORE,P	<u>CHEMICAL (MFG)</u> FLUOXAPIPROLIN (BAYER)	<u>COMMODITY</u> BASIL	<u>CROP GROUP</u> HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)
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Reason for Need: DOWNY MILDEW; RENDERS CROP UNMARKETABLE; A DIVERSITY OF FUNGICIDE CHEMISTRIES ARE NEEDED TO MANAGE RESISTANCE DEVELOPMENT; BECAUSE OF LABEL RESTRICTIONS LIMITING TOTAL NUMBER OF APPLIC OF REGISTERED FUNGICIDES; PER HI ME-TOO REQUEST: DOWNY MILDEW IS A SERIOUS PROBLEM IN BASIL IN HI; NEED DIFFERENT MOA FUNGICIDES FOR ROTATION FOR RESISTANCE MANAGEMENT; PER MI ME-TOO REQUEST: THIS USE WOULD BE GOOD TO HAVE IN THE GH FOR TRANSPLANTS FOR RETAIL SALE TO HOME GARDENING CONSUMERS; ADDITIONAL AIs ARE NEEDED; PER FL ME-TOO REQUEST: GIVEN YEAR-ROUND SURVIVAL OF DOWNY MILDEW INOCULUM IN FL, MULTIPLE MODES OF ACTION ARE NECESSARY FOR MANAGEMENT

Use Pattern: (PCR): MAKE 3 FOLIAR APPLIC OF THE 20 SC PRODUCT, AT 13.69 OZ PRODUCT/A, 7-DAY INTERVAL, 0-DAY PHI

IR-4 Residue Trial Plan: ANY 4 TRIALS, FRESH AND DRIED

Comments: NO KEY EXPORT MARKET NOTED; USE PATTERN/RATE ARE BASED ON MFG RECOMMENDATIONS FOR A VARIETY OF CROPS:07/20; MFG SUPPORTS, RESIDUE AND E/CS:09/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-OH*249 Horst, Leona

21-FL131 Thomas, Darrell

21-CA*41 Benzen, Ms. Sharon D.

21-SC*297 Wade, Paul

21-WA*344 Larson, Duane



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13107	21-MIR07	A	LENNON	AZOXYSTROBIN (SYNGEN)	BASIL (GH TRANSPLANT)	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

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

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

IR-4 Residue Trial Plan: ANY 4 (FRESH AND DRIED FROM EACH TRIAL) (MULTIPLE SAMPLINGS - BABY LEAVES AND MATURE CROP IN EACH TRIAL)

Comments: ORIGINAL REQUEST WAS FOR GH HERB TRANSPLANTS, AND IT WAS SPLIT INTO TWO REQUESTS, FOR THE PROPOSED SUBGROUP REP CROPS MINT (PR# 13108) AND BASIL; NO EXPORT MARKET NOTED; A FOLIAR USE ON HERB TRANSPLANTS IS ON THE HERITAGE LABEL, BUT THE EXPECTED HIGHER USE RATE AND DRENCH APPLIC MAY RESULT IN HIGHER RESIDUES; MAY EXPLORE IF THIS USE CAN BE SECURED VIA A CHEMSAC PROPOSAL:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:12/20

NER-EPA Region-FRD

21-NJ235 Fisher, Jennifer

NCR-EPA Region-FRD

21-WI365 Chapman, Scott

SOR-EPA Region-FRD

21-FL140 Long, Michael
(Reg 3)
21-TX318 Arias, Miguel

WSR-EPA Region-FRD

21-HI160 Kam, James

CANADA-EPA Region-FRD



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12062	21-CAR08	A	LENNON	FENHEXAMID (UPL NA)	BASIL (GH TRANSPLANT)	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

Reason for Need: BOTRYTIS BLIGHT - CURRENTLY NO EFFECTIVE PRODUCTS ARE LABELED FOR BOTRYTIS CONTROL ON GH BASIL TRANSPLANTS

Use Pattern: (PCR): APPLY 0.75 LB AI/100 GAL AS A FOLIAR SPRAY (# OF APPLIC, INTERVAL, GPA, ETC., NOT PROVIDED)

IR-4 Residue Trial Plan: ANY 4 (FRESH AND DRIED FROM EACH TRIAL) (MULTIPLE SAMPLINGS - BABY LEAVES AND MATURE CROP IN EACH TRIAL)

Comments: THIS REQUEST IS FOR USE ON GH TRANSPLANTS TO BE SOLD IN THE RETAIL MARKET:09/16; EPA GREEN:09/18; IN THE RECENT HQ SUBMISSION TO EPA, NOTHING WAS INCLUDED RELATED TO BASIL; MFG INDICATES SUPPORT (BY EMAIL 9/14/18); THERE ARE NO U.S. TOLERANCES ON BASIL THAT COULD COVER THIS USE:09/18; EPA GREEN:09/19 & 08/20

NER-EPA Region-FRD

21-NJ226 Fisher, Jennifer

NCR-EPA Region-FRD

21-OH*243 Horst, Leona
21-WI353 Chapman, Scott

SOR-EPA Region-FRD

21-FL106 Long, Michael

WSR-EPA Region-FRD

21-CA331 Leach, Nathan

CANADA-EPA Region-FRD



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11921	21-CAR07	A	MOORE,P	SAFLUFENACIL (BASF)	MINT	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

Reason for Need: BROADLEAF WEEDS: PRICKLY LETTUCE (LACTUCA SERRIOLA), KOCHIA (KOCHIA SCOPARIA), COMMON GROUNDSEL (SENECIO VULGARIS), AMARANTHUS SPECIES SUCH AS REDROOT PIGWEED (A. RETROFLEXUS)/PALMER AMARANTH (A. PALMERI/WATERHEMP (A. RUDIS), MUSTARDS, SHARPPPOINT FLUVELLIN (KICKXIA ELATINE) - BIGGER BROADLEAF WEEDS AND/OR WINTER HARDENED WEEDS THAT PARAQUAT MISSES

Use Pattern: (PCR): USE THE SHARPEN PRODUCT; APPLY 0.044 LB AI/A (IN THE PROJECT REQUEST WAS STATED 0.44 LB AI/A) IN A MINIMUM 10 GPA, POST-EMERGENT TO WEEDS BUT PRIOR TO EMERGENCE OF MINT FROM DORMANCY OR AFTER FIRST CUTTING BEFORE REGROWTH

IR-4 Residue Trial Plan: 5-2 11-3, FRESH AND DRY FROM ALL TRIALS; 2 PROCESSING TRIALS, 3X RATE (OIL - 1 EACH IN REGIONS 5 & 11)

Comments: MFG REQUIRES MORE CROP SAFETY DATA BEFORE APPROVING RESIDUE STUDY:06/16; MFG NEEDS TO EVALUATE NEW DATA RECEIVED FROM MINT RESEARCHERS TO DETERMINE IF RESIDUE WORK CAN BE SUPPORTED:05/19; AFTER MFG REVIEW OF 2018 MINT RESEARCH COUNCIL (MRC) TRIAL RESULTS (CROP INJURY OBSERVED HAD NO APPARENT HAY/OIL YIELD IMPACT), THEY REQUIRE A BETTER UNDERSTANDING OF THE CORRELATION BETWEEN INITIAL CROP INJURY/CROP RECOVERY/YIELD RESPONSE AND GROWER ACCEPTANCE OF THESE; AND THE REQUEST REMAINS "POTENTIAL" (SEE E/CS DATA REQUIREMENTS FIELD FOR TRIAL NEEDS):09/11/19; BASF NOW SUPPORTS USE OF SAFLUFENACIL ON MINT (DORMANT STAGE ONLY), RESIDUE AND CROP SAFETY DATA NEEDED: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

21-WI188 Heider, Daniel J.
21-OH*242 Horst, Leona
21-WI352 Heider, Daniel J.
(processing)

21-ID161 Meeks, Mr. Will
21-WA*329 Larson, Duane
(processing)
21-WA330 Peng, Wilson



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Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12811	20-FLR09	A	MOORE,P	LINURON (TKI)	STEVIA	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

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

Use Pattern: (PCR): 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 TRIALS (DRIED LEAF); NEED 2 "RED A" TRIALS IN 2021

Comments: NO KEY EXPORT MARKETS NOTED:08/19; MFG CHANGED STATUS FROM UNDER EVAL TO POTENTIAL, E/CS DATA BEFORE RESIDUE, AT FUW:09/24/19; MFG CHANGED STATUS TO RESIDUE RESEARCHABLE:10/19; EPA GREEN:12/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-NC214 Welker, Rob
(Region 2)

21-SC215 Welker, Rob
(Region 2)(Region 2)- (FT ID# needs state

21-NC367 Welker, Rob
(Repl of 21-NC214, No \$ Needed)

21-CA*18 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>
12810	21-MIR03	A	MARCONI	PARAQUAT (AMVAC,SYNGEN)	STEVIA	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

Reason for Need: WINTER ANNUAL AND BIENNIAL WEEDS; NO PRODUCTS CURRENTLY REGISTERED FOR THIS NEED

Use Pattern: (PCR): USE PARAZONE PRODUCT; MAKE 2 FOLIAR BROADCAST APPLIC OF 2 PT/A TO WINTER WEEDS IN ESTABLISHED STEVIA; 30-45 DAY INTERVAL, 60-DAY PHI; USE AN ADJUVANT SUCH AS A NON-IONIC SURFACTANT

IR-4 Residue Trial Plan: ANY 4 (DRY LEAF ONLY)

Comments: NO KEY EXPORT MARKETS NOTED:08/19; AMVAC WILL NOT SUPPORT:09/19; SYNGENTA STILL EVALUATING:09/17/19; BY 9/20/19 SYNGENTA EMAIL, IS SUPPORTABLE, RESIDUE AND E/CS DATA NEEDED:09/19; SYNGENTA REVIEWED PERFORMANCE DATA AND NOW SUPPORTS STATUS CHANGE TO ONLY RESIDUE DATA NEEDED:05/20; EPA CAUTION:08/20; MFG INDICATES THERE CANT' BE ANY DETECTABLE RESIDUES:09/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-OH*247 Horst, Leona

21-NC211 Welker, Rob

21-CA17 Ennes, D. (Kearney)

(Region 2)

21-NC212 Welker, Rob

(Region 2)

21-SC213 Welker, Rob

(Region 2)- (FT ID# needs state code cha



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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>
12564	20-MIR09	A	BARNEY	ABAMECTIN (AMVAC,SYNGEN)	MIRACLE FRUIT	SPICES CROP GROUP (26)

Reason for Need: MITES WHICH DEFOLIATE BUSHES, DECREASE YIELDS, WEAKEN PLANTS; NOTHING TO CONTROL MITES ON THIS CROP

Use Pattern: (PCR): USE THE AGRI-MEK SC PRODUCT; MAKE 2 FOLIAR APPLIC OF 1.75-3.5 OZ PRODUCT/A, 14-30 DAY INTERVAL, 14-DAY PHI; SCOUT FOR MITES AND APPLY WHEN PRESENT

IR-4 Residue Trial Plan: ANY 4 TRIALS; NEED 2 "RED A" TRIALS IN 2021

Comments: NO EXPORT MARKETS NOTED; THIS CROP IS PROPOSED TO BE IN THE SPICE CROP GROUP 26; THERE IS NO TOLERANCE FOR DILL OR SPICE SUBGROUP 19B:07/18; MFG MADE RESEARCHABLE:05/19; EPA CAUTION:09/19; CATEGORY "RESEARCHABLE, RESIDUE & E/CS DATA NEEDED" - RESIDUE PROTOCOL SIGNED 2/4/20 & NO E/CS ON THE WSPRY FOR 2020:02/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-FL109 Tannenbaum, Rebecca

21-FL110 Tannenbaum, Rebecca



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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>
12868	21-YAR05	A	MOORE,P	S-METOLACHLOR/METOLAC HLOR (SYNGEN,UPL NA)	FIELD PENNYCRESS (OIL SEED)	MISC GROUP (99)

Reason for Need: GRASS AND SOME BROADLEAF WEEDS; THIS IS ONE OF THE ONLY OPTIONS FOR FAIR-GOOD CONTROL OF PIGWEED AND WATERHEMP, TWO OF THE MOST PROBLEMATIC WEEDS OF THE REGION

Use Pattern: (PCR): MAKE ONE FOLIAR BROADCAST APPLIC OF 2 PT/A; APPLY IN SPRING, BUT NO LATER THAN EARLY BOLTING; RAIN IS REQUIRED TO INCORPORATE THE PRODUCT

IR-4 Residue Trial Plan: ANY 4

Comments: NO KEY EXPORT MARKET NOTED; MFG CHANGED STATUS TO RESIDUE ONLY:05/20; EPA GREEN: 08/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-SD300 Reicks, Graig
21-SD301 Reicks, Graig

21-CA22 Kyser, Guy
21-ID166 Meeks, Mr. Will
21-ID167 Meeks, Mr. Will



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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>
12834	20-CAR11	A	SAMOIL	FLUTIANIL (LANDIS,NAI,OATAGRIO)	HEMP	MISC GROUP (99)

Reason for Need: POWDERY MILDEW; THIS PRODUCT IS REDUCED RISK AND POWDERY MILDEW IS A CRITICAL PROBLEM FOR BOTH FIELD AND GH HEMP PRODUCTION; PER KY ME-TOO REQUEST, POWDERY MILDEW IS SEVERE IN HEMP IN KY, ESPECIALLY ON GH-GROWN HEMP; PER NC ME-TOO REQUEST, THERE ARE NO EFFECTIVE PESTICIDES AVAILABLE FOR DISEASE CONTROL:09/19

Use Pattern: (PCR): USE GATTEN; MAKE APPLIC VIA FOLIAR OR OVERHEAD CHEMIGATION; ALL OTHER USE PATTERN DETAILS ARE NOTED AS "PER LABEL"

IR-4 Residue Trial Plan: NEED "RED A" TRIALS TO REPLACE 3 TRIALS LOST IN 2020; ANY 8 FIELD TRIALS, 1 DECLINE TRIAL; SEED PROCESSING - WHOLE SEED, FLOUR, HEMP HEARTS, MEAL, OIL; CBD PROCESSING - FLOWER BUDS, CBD - ETHANOL AND CO2; BASED ON EPA GUIDANCE EACH TRIAL SHOULD HAVE 5 FIBER/SEED TRIALS AND 3 FOR CBD FLOWER BUD:03/21

Comments: REQUEST SUBMITTED FOR HEMP FIELD AND GREENHOUSE; NO KEY EXPORT MARKET NOTED; MFG SUPPORTS THIS REQUEST, AND POSSIBLY WILL ASSIST WITH THE FIELD RESEARCH, ANALYSIS OF SAMPLES AND FINANCIAL GRANT TO OFFSET COSTS:08/19; IR-4 DECIDED E/CS DATA ARE NEEDED FIRST, BEFORE RESIDUE STUDY, BUT MFG CONFIRMED NO CROP SAFETY CONCERNS, SO THE REQUEST IS RESEARCHABLE, RESIDUE DATA ONLY:10/19; PRIORITY "B" CHANGED TO PRIORITY "A" AS THIS STUDY REPLACED PR#12771 (AZOXYSTROBIN/HEMP) ON THE 2020 TENTATIVE SCHEDULE:05/20; EPA GREEN: 08/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-WI374 Heider, Daniel J.
(fiber/seed)(repl WA335)

21-CA21 Kyser, Guy
(Repl CA ft - \$ needed)(CBD processing)
21-OR267 Lightle, Dani
(Repl OR ft - \$ needed)
21-WA334 Peng, Wilson
(Repl CO ft - \$ needed)(hemp seed proc
21-WA335 Maupin, Brian
(fiber/seed)



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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>
13007	21-CAR15	A	MOORE,P	ISOFETAMID (ISK)	HEMP	MISC GROUP (99)

Reason for Need: SCLEROTINIA, BOTRYTIS, POWDERY MILDEW, ANTHRACNOSE; NO CONVENTIONAL PESTICIDES REGISTERED FOR THIS USE; DEFINITELY HIT MANY OF THE KEY PATHOGEN CHALLENGES FOR HEMP; PER KY ME-TOO REQUEST 08/20: LEAF SPOTS, ROOT ROTS AND OTHER HEMP DISEASES ARE DEVASTATING FOR HEMP IN KY; A BROAD SPECTRUM FUNGICIDE IS CRITICAL FOR THIS CROP; PER VA ME-TOO REQUEST: A FUNGICIDE LIKE ISOFETAMID IS DESPERATELY NEEDED FOR THE RANGE OF DISEASES AGAINST WHICH IT IS EFFECTIVE; PER NY ME-TOO REQUEST: NY HAS HAD SIGNIFICANT DISEASE ISSUES CAUSED BY POWDERY MILDEW, BOTRYTIS AND TO A LESSER EXTENT SCLEROTINIA; THERE IS A LACK OF REGISTERED AND EFFECTIVE PRODUCTS TO CONTROL DISEASE; PER WI ME-TOO REQUEST: A BROAD SPECTRUM PRODUCT IS NEEDED TO CONTROL IMPORTANT DISEASES OF HEMP, FOR WHICH THERE IS CURRENTLY NO CONVENTIONAL PRODUCT; PER AL ME-TOO REQUEST: BOTRYTIS, POWDERY MILDEW AND ANTHRACNOSE ALL HAVE BEEN REPORTED ON HEMP IN AL; THERE ARE NO EFFECTIVE PRODUCTS AVAILABLE FOR THEIR CONTROL AT THIS TIME; A BROAD SPECTRUM FUNGICIDE SUCH AS ISOFETAMID WOULD MEET THE NEEDS OF THE STATE; PER TX ME-TOO REQUEST: FOLIAR FUNGAL PATHOGENS POSE A THREAT TO PRODUCTIVITY IN MANY PARTS OF TX, BUT THERE IS A LACK OF EFFECTIVE FUNGICIDES; PER VA ME-TOO REQUEST: A PRODUCT LIKE THIS, EFFICACIOUS AGAINST A BROAD RANGE OF PATHOGENS IS DESPARATELY SOUGHT BY CENTRAL AND SOUTHERN VA GROWERS WHO HAVE REPORTED MANY FOLIAR AND SOIL BORNE DISEASES ON HEMP; PER PA ME-TOO REQUEST: HEMP AS A CROP IN THE EASTERN US WILL BE ECONOMICALLY UNFEASIBLE WITHOUT FUNGICIDES TO MANAGE FOLIAR AND FLOWER DISEASE; PER LA ME-TOO REQUEST: THIS USE IS NEEDED DUE TO DISEASE LOSSES, ACREAGE INCREASES AND LACK OF REGISTERED/EFFECTIVE PRODUCTS; PER MD ME-TOO REQUEST: HEMP PRODUCTION IN THE MID-ATLANTIC WILL NOT BE FEASIBLE WITHOUT PRODUCTS AVAILABLE TO MANAGE DISEASE PESTS

Use Pattern: (PCR): USE THE KENJA PRODUCT; MAKE 5 APPLIC OF 0.267-0.572 LB AI/A, AS A FOLIAR DRENCH OR SOIL LINE APPLIC; 7-14 DAY INTERVAL, 7-DAY PHI; HQ SUGGESTS: USE 15.5 FL OZ/A (0.40 LB AI/A), 14-DAY INTERVAL, MAX OF 3 APPLIC; PER MFG: THERE IS NO DATA ON HEMP, SO APPLIC RATES/TIMING/ETC. NEED TO BE DETERMINED FOR THE DIFFERENT DISEASES; MFG SUGGESTS 13.5-22.0 FL OZ/A FOR BOTRYTIS/POWDERY MILDEW/ANTHRACNOSE, AND A SLIGHTLY LOWER RANGE (13.5-15.5 FL OZ/A) FOR SCLEROTINIA; MAKE 1-4 APPLIC PER YEAR, DEPENDING ON DISEASE TARGET

IR-4 Residue Trial Plan: ANY 8 FIELD TRIALS & 2 GH TRIALS, 1 DECLINE TRIAL; SEED PROCESSING - WHOLE SEED, FLOUR, HEMP HEARTS, MEAL, OIL; CBD PROCESSING - FLOWER BUDS, CBD - ETHANOL AND CO2; BASED ON EPA GUIDANCE EACH TRIAL SHOULD HAVE 5 FIBER/SEED TRIALS AND 3 FOR CBD FLOWER BUD:03/21

Comments: REQUEST IS FOR FIELD AND GH USE; NO KEY EXPORT MARKET NOTED; BY 6/18/20 EMAIL, MFG SUPPORTS THIS REQUEST, RESIDUE AND E/CS DATA NEEDED; FOR USE ON FOOD CROPS, THERE IS A LIMIT OF 2 LB AI/A/YEAR, BUT IF THIS WERE TO BE JUST A FIBER CROP, A HIGHER AMOUNT COULD BE ALLOWED BASED ON WHAT CAN BE APPLIED ON TURF:06/20; EPA GREEN:08/20; CANADA IS INTERESTED IN THIS BEING A JOINT PROJECT:10/20; CATEGORY OF RESEARCHABLE, RESIDUE & E/CS DATA NEEDED CHANGED TO E/CS DATA ONGOING WITH THE PERFORMANCE SIGNED PROTOCOL - WILL UPDATE TO RESIDUE DONE/ONGOING; E/CS DONE/ONGOING ONCE THE RESIDUE PROTOCOL IS SIGNED:02/21

[NER-EPA Region-FRD](#)

[NCR-EPA Region-FRD](#)

[SOR-EPA Region-FRD](#)

[WSR-EPA Region-FRD](#)

[CANADA-EPA Region-FRD](#)



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

21-MD372 Ross, Marylee
(field)(fiber/seed) repl. W*324

21-WI355 Heider, Daniel J.
(field)(fiber/seed)(decline)
21-WI356 Chapman, Scott
(gh)(cbd)
21-WI357 Heider, Daniel J.
(field)(decline)(cbd)

21-FL124 Thomas, Darrell
(field)(fiber/seed)
21-NC219 Welker, Rob
(field)(Region 2)(cbd)

21-CA37 Ennes, D. (Kearney)
(field)(fiber/seed)
21-CA38 Kyser, Guy
(field)(cbd processing)
21-CA39 Ennes, D. (Kearney)
(gh)(cbd)
21-OR269 Lightle, Dani
(field)(cbd)
21-W*324 TBD-WSR
(field)(New FRD - NM)(seed/fiber)
21-WA338 Peng, Wilson
(field)(seed/fiber)(seed processing)



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13017	21-CAR16	A	MOORE,P	QUIZALOFOP (AMVAC,GOWAN)	HEMP	MISC GROUP (99)

Reason for Need: ANNUAL AND PERENNIAL GRASSES; NO CONVENTIONAL CHEMICALS REGISTERED FOR THIS NEW CROP; PER KY ME-TOO REQUEST 07/20: WOULD PROVIDE GOOD GRASS CONTROL; PER IL 08/20 ME-TOO REQUEST: GRASS COMPETITION HAS BEEN A PROBLEM IN ESTABLISHMENT OF RESEARCH TRIALS; THIS AI WOULD HELP PRODUCERS AND ACADEMICS

Use Pattern: (PCR): USE THE TARGA PRODUCT; APPLY FOLIARLY (PER LABEL), 7-DAY PHI; NO OTHER USE PATTERN DETAILS PROVIDED BY REQUESTOR; PER IR-4 HQ: AMVAC PRODUCT IS ASSURE II; SUGGEST A USE RATE OF 12 FL OZ/A, INCLUDING AN APPROVED ADJUVANT, APPLIED TO GRASS WEEDS NO TALLER THAN 6"; REPEAT APPLIC MAY BE NEEDED FOR PERENNIAL GRASS CONTROL (MINIMUM 7-DAY RE-TREAT INTERVAL); FOR USE ON FIELD-GROWN HEMP ONLY

IR-4 Residue Trial Plan: ANY 8 FIELD TRIALS, 1 DECLINE TRIAL; SEED PROCESSING - WHOLE SEED, FLOUR, HEMP HEARTS, MEAL, OIL; CBD PROCESSING - FLOWER BUDS, CBD - ETHANOL AND CO2; BASED ON EPA GUIDANCE EACH TRIAL SHOULD HAVE 5 FIBER/SEED TRIALS AND 3 FOR CBD FLOWER BUD:03/21

Comments: NO KEY EXPORT MARKET NOTED; THERE IS SOME RESIDUE DATA IN CANADA; THERE IS SOME SLN ACTIVITY FOR FIBER ONLY:06/20; MFG SUPPORTS THIS REQUEST, RESIDUE ONLY, BUT MFG MAY DEVELOP SOME FIELD EFFICACY AND/OR CROP SAFETY DATA IF NEEDED; THE STATE OF MT HAS APPROVED AMVAC'S SLN 24C LABEL SUBMISSION FOR ASSURE II ON HEMP (FIBER/NON-FOOD); MFG EXPECTS TO SUBMIT MORE STATE SLN'S FOR THIS USE AS THEY ARE REQUESTED; DATA FROM RESIDUE, EFFICACY AND CROP SAFETY STUDIES CONDUCTED IN CANADA WERE VERY IMPORTANT AND PIVOTAL IN THE MT SLN SUBMISSION; MFG MAY PROVIDE FUNDING SUPPORT TO OFFSET RESEARCH COSTS:07/20; EPA GREEN:08/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-WI358 Heider, Daniel J.
(seed/fiber)
21-WI359 Chapman, Scott
(cbd)

21-FL125 Long, Michael
(seed/fiber)
21-FL126 Tannenbaum, Rebecca
(seed/fiber)
21-NC220 Welker, Rob
(Region 2)(cbd)

21-CA40 Kyser, Guy
(cbd processing)
21-OR270 Lightle, Dani
(cbd)
21-WA339 Maupin, Brian
(seed/fiber)(seed processing)(FDB Neve
21-WA340 Peng, Wilson
(fiber/seed)
21-CA373 Leach, Nathan
(seed/fiber)(seed processing)(repl WA33



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12848	21-LSRC063	A	CHEN	PICARBUTRAZOX (NISSO)	HOPS	MISC GROUP (99)

Reason for Need: DOWNY MILDEW; MRL HARMONIZATION FOR GLOBAL SHIPPING, RESISTANCE MANAGEMENT; PER MI AND WI ME-TOO REQUESTS: NEEDED FOR DOWNY CONTROL/RESISTANCE MANAGEMENT, ESPECIALLY IN HUMID CONDITIONS:07/20

Use Pattern: (PCR): USE PICARBUTRAZOX 10 SC; MAKE NO MORE THAN 3 FOLIAR APPLIC OF 75-100 G AI/HA (750-1000 ML OF SC PRODUCT), 5-10 DAY INTERVALS, 0-DAY PHI; BEGIN APPLIC AT FIRST SIGN OF DISEASE DEVELOPMENT (CANADIAN USE PATTERN TO BE 3 APPLIC OF 75-100 G AI/HA, 5-DAY INTERVALS, 200-600 L/HA SPRAY VOLUME, PLUS A NON-IONIC SURFACTANT AT 0.25% V/V, 0-DAY PHI)

IR-4 Residue Trial Plan: NAFTA GUIDANCE: 5 11-3 12; 1 TRIAL IS A DECLINE

Comments: KEY EXPORT MARKETS INCLUDE EU, JAPAN, CANADA, CENTRAL & SOUTH AMERICA, SE ASIA; THIS IS AN "A" PRIORITY FOR RESIDUE WORK IN CANADA IN 2020, AND COULD BE A JOINT PROJECT; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:08/19; NISSO CHANGED STATUS TO "UNDER EVAL" PENDING COMPLETION OF REQUIRED REGULATORY STUDIES:09/09/19; MFG MADE RESIDUE RESEARCHABLE:06/20; CANADA HAS 3 RESIDUE TRIALS PLANNED IN 2021, IS INTERESTED IN THIS BEING A JOINT STUDY, AND OFFERED TO SERVE AS SPONSOR AND STUDY DIRECTOR, AND WILL DO THE SAMPLE ANALYSIS; RESIDUE TRIAL PLAN EDITED TO REFLECT NAFTA TRIAL SITE REQUIREMENTS:10/20; IR-4 PR# = CANADA STUDY NUMBER AAFC20-011R;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21CID350 Meeks, Mr. Will
 21COR351 Lightle, Dani
 21CWA348 Peng, Wilson
 (decline)
 21CWA349 Peng, Wilson

21CBC061 Clodius, Markus
 21CON060 Wismer, R.J.



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
13167	21-FLR02	A	MARCONI	BROFLANILIDE (BASF)	SUGARCANE	MISC GROUP (99)

Reason for Need: WIREWORMS; EFFICACIOUS WIREWORM INSECTICIDES ARE NOT AVAILABLE FOR THIS SECTOR; PER LA 09/20 ME-TOO REQUEST: CURRENT CUTWORM CONTROL STRATEGIES ARE NOT AS EFFECTIVE AS NEEDED; WIREWORM LOSSES AFFECT NEW PLANT CANE STANDS, PARTICULARLY ON LIGHT SANDY SOILS

Use Pattern: (PCR): MAKE 1 APPLIC OF 25-50 G AI/HA; APPLY IN-FURROW TO THE SOIL AT PLANTING OR AS A PRE-PLANT BILLET DIP

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

Comments: NO KEY EXPORT MARKET NOTED; BASF SUPPORTS THIS REQUEST, BOTH RESIDUE AND PERFORMANCE DATA NEEDED; BOTH THE IN-FURROW AT PLANTING APPLIC AND THE PRE-PLANT BILLET DIP ARE SUPPORTED; BASF WILL COST SHARE (50%) FOR THE E/CS TRIALS:08/20; EPA CAUTION:09/20 & 12/20; EC/S PROTOCOL STILL NEEDED 03/21.;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

21-FL141 Frost, Michael
(processing)
21-FL142 Sutherland, Dudley
21-FL143 Sutherland, Dudley
21-LA175 Wright, Denise
(Reg 4)
21-PR286 Robles Vazquez, W.
(Reg 13)
21-LA292 Bourgeois, Kim
(Reg 4)



2021 Tentative/Scheduled Studies

Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12987	21-CAR14	A	MARCONI	FLUPYRADIFURONE (BAYER)	SUGARCANE	MISC GROUP (99)

Reason for Need: WEST INDIAN CANEFLY, SUGARCANE APHID, YELLOW SUGARCANE APHID; THE WEST INDIAN CANEFLY IS AN EMERGING PEST OF INCREASING IMPORTANCE TO LA SUGARCANE; WIDESPREAD OUTBREAKS OCCURRED 2012, 2016, AND 2019 REQUIRING THOUSANDS OF ACRES TO BE TREATED WITH INSECTICIDES; THE LACK OF EFFECTIVE PRODUCTS IN 2012 AND 2016 REQUIRED ISSUANCE OF SECTION 24C EMERGENCY EXEMPTION REGISTRATION OF INSECTICIDES; SUGARCANE APHID AND YELLOW SUGARCANE APHID CONSISTENTLY INFEST SUGARCANE AROUND THE STATE EVERY YEAR, REACHING HIGH POPULATIONS IN SOME FIELDS; CURRENTLY LABELED INSECTICIDES (PYRETHROIDS) ARE INEFFECTIVE AGAINST SUGARCANE APHID AND OBSERVATIONS SUGGEST THEIR APPLIC ACTUALLY INCREASES INFESTATIONS OF APHIDS AND SECONDARY PESTS; INDUSTRY STAKEHOLDERS HAVE REPEATEDLY EXPRESSED THE NEED FOR REGISTRATION OF INSECTICIDES TO CONTROL THIS PEST COMPLEX; SEVERE SAP FEEDING BY APHIDS RESULTS IN LOSS OF PLANT TURGOR PRESSURE, STUNTED GROWTH AND LOSS OF PHOTOSYNTHETIC CAPACITY; APHIDS CAN VECTOR ECONOMICALLY IMPORTANT SUGARCANE DISEASES; PER FL ME-TOO REQUEST: THERE IS A NEED IN FL FOR A NARROW SPECTRUM INSECTICIDE FOR SPORADICALLY SERIOUS PESTS LIKE APHIDS AND CANEFLY:04/20; PER TX ME-TOO REQUEST: THE TX SUGARCANE INDUSTRY (~45,000 A) WOULD ALSO BENEFIT FROM THIS PRODUCT LABELING

Use Pattern: (PCR): USE THE SIVANTO 400 HL PRODUCT; MAKE 1 FOLIAR APPLIC PER YEAR, BETWEEN APRIL 1 TO SEPT. 30, USING 3.5-7 FL OZ PRODUCT/A (0.091-0.182 LB AI/A), APPLIED BY GROUND OR AIR, AT A 30-DAY PHI; APPLY WHEN INFESTATIONS ARE >30 INSECTS/LEAF AND HONEYDEW IS VISIBLE ON LEAF SURFACE (THIS IS A REVISED USE PATTERN, FROM THE REQUESTOR, WITH THE PRIMARY CHANGE BEING USE OF THE 400 HL PRODUCT, AND DIFFERENT USE RATE:04/20)

IR-4 Residue Trial Plan: 3-3 4-3 6 13; 1 DECLINE; 1 PROCESSING (MOLASSES, REFINED SUGAR)

Comments: NO KEY EXPORT MARKETS NOTED:03/20; THERE IS SOME BRAZILIAN RESIDUE DATA; MFG SUPPORTS, RESIDUE ONLY:06/20; EPA GREEN:08/20; BAYER INDICATES THEY HAVE DATA ON PROCESSING, IR-4 DOES NOT HAVE TO HAVE A PROCESSING TRIAL FOR THIS STUDY:02/21;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

- 21-FL121 Frost, Michael
- 21-FL122 Frost, Michael
- 21-FL123 Sutherland, Dudley
- 21-LA174 Wright, Denise
- (decline)
- 21-PR281 Robles Vazquez, W.
- 21-LA290 Bourgeois, Kim
- (Reg 4 - LA?)
- 21-LA291 Bourgeois, Kim
- (Reg 4 - LA?)
- 21-TX313 Arias, Miguel



2021 Tentative/Scheduled Studies Residue Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

	NER	NCR	SOR	WSR	CANADA
ARS Total:		17	18	16	
Region Total:	25	49	92	143	10
Total:	25	66	110	159	10

Grand Trial Total: 370

Total # of PRs: 60
Total # Chemical: 44
Total # Commodity: 48