2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12902	20-MIR02	A	HOMA	FLUTOLANIL (NAI)	CARROT	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: FROM PR# 09710: CRATER ROT (RHIZOCTONIA), SOUTHERN BLIGHT (SCLEROTIUM ROLFSII) - PREVENTATIVE; PER NY ME-TOO REQUEST, A RECENT REPORT OF SOUTHERN BLIGHT IN CARROT PRODUCTION IN NY IS VERY CONCERNIING, 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

E/CS Data Requirements:

E/CS Research Comments:

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 $)		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12614	-NONE	B	PIKE	ISM-555 (TBD)	CARROT	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: SEED CORN MAGGOT; DIAZINON (ORGANOPHOSPHATE) REPLACEMENT

Use Pattern: (PCR): USE THE ISM-555 PRODUCT; MAKE ONE APPLIC AS A SEED TREATMENT; 75-DAY PHI; NO USE RATE PROVIDED

E/CS Data Requirements: MFG REQUESTS DATA FROM 2 TRIALS IN CA, BUT THIS PEST IS NOT A CONCERN THERE; MFG IS OK WITH JUST SEED SAFETY TRIALS:11/20

E/CS Research Comments:

IR-4 Residue Trial Plan: 3 5 6 10-4 11; 1 DECLINE

Comments: EXPORT MARKET NOTED AS JAPAN; ALTHOUGH THIS REQUEST IS FOR USE AS A SEED TREATMENT, IR-4 SUGGESTS THAT A RESIDUE PROTOCOL SHOULD COVER ALL APPLIC TYPES (SEED, SOIL, FOLIAR):08/18; MFG MADE RESEARCHABLE BY 9/13/18 EMAIL:09/18; WAS SELECTED AS PRIORITY "A" AT 2018 FUW, BUT MFG DECIDED USE DIRECTIONS NEED TO BE FURTHER DEFINED BEFORE SUPPORTING RESIDUE WORK; THUS, THIS STUDY IS REMOVED FROM THE IR-4 2019 RESEARCH PLAN AND PLACED IN STATUS CATEGORY "POTENTIAL":12/18

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-NYP01 Gilrein, Dan (efficacy & crop safety)			21-CAP01 Mauk, Peggy A (crop safety only) 21-CAP02 Grettenberger, Dr. Ian (crop safety only)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
13096	21-CANADA	A	PEILL	OXATHIAPIPROLIN + 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)

E/CS Data Requirements: NO E/CS TRIALS NEEDED IN U.S., AS CANADA IS COVERING E/CS NEEDS FOR BOTH COUNTRIES:11/20

E/CS Research Comments:

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)

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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)			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13157	-NONE	A	HOMA	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

E/CS Data Requirements:

E/CS Research Comments:

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-MIP09 Hausbeck, Dr. Mary K.			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: NEED FIELD PERFORMANCE DATA, AS GH SEEDLING DATA ARE INSUFFICIENT:08/18; MFG PREFERS 2 MORE EFFICACY TRIALS BEYOND 2 TRIALS IN MI IN 2019:10/21/19

E/CS Research Comments: IN 2019 IR-4 PERFORMANCE PROTOCOL, IN 2 MI TRIALS TESTING BROADCAST APPLIC OF PICARBUTRAZOX 10SC AT 0.09 AND 0.18 LB AI/A RATES (1X, 2X) IN 100-200 GPA VS PRESIDIO AS A STANDARD; EVALUATING PHYTOPHTHORA ROOT ROT DISEASE INCIDENCE AND SEVERITY, AND CROP SAFETY; IN 2020 PERFORMANCE PROTOCOL: TESTING IS PLANNED USING SAME USE PATTERN AND STANDARD AS IN 2019 TRIALS, AND COLLECTING SIMILAR CROP INJURY AND DISEASE CONTROL DATA

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.			21ONC076 Wismer, R.J.
	21MIC074 Hausbeck, Dr. Mary K. (decline)			21ONC075 Wismer, R.J.

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
13080	21-CANADA	A	ULRICH	OXATHIAPIPROLIN + 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

E/CS Data Requirements: NO E/CS TRIALS NEEDED IN U.S., AS CANADA IS COVERING E/CS NEEDS FOR BOTH COUNTRIES:11/20

E/CS Research Comments:

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.

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12906	-NONE	A	HOMA	XDE-659 (CORTEVA)	RADISH	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: ALTERNARIA AND CERCOSPORA FOLIAR BLIGHTS

Use Pattern: (PCR): MAKE FOLIAR APPLIC OF 0.09-0.13 LB AI/A, 10-14 DAY INTERVAL, 1-DAY PHI; MAKE 3 APPLIC PER CROPPING CYCLE, 5 APPLIC PER CALENDAR YEAR; APPLY BY GROUND IN A MINIMUM 30 GPA; DO NOT APPLY BY AIR OR CHEMIGATION; APPLY BEFORE VISIBLE DISEASE SYMPTOMS APPEAR; APPLY IN COMBO WITH A NIS OR NIS BLEND

E/CS Data Requirements:

E/CS Research Comments: PMC/CANADA IS PLANNING TO DO 1 EFF TRIAL IN 2020, TARGETING CERCOSPORA OR ALTERNARIA:12/19; MFG CONFIRMED THEY HAVE NO E/CS DATA ON RADISH:01/20; CANADA PLANNING 3 MORE E/CS TRIALS IN 2021:10/20; IN 2021 2 PERFORMANCE TRIALS ARE PLACED- 1 IN SOUTHERN AND 1 IN NORTH CENTRAL REGIONS: 02/21;

IR-4 Residue Trial Plan: NAFTA SITES: 3 5-2 10-2, 1 DECLINE TRIAL (ALL ARE TOPS AND ROOTS)

Comments: NO KEY INT'L MARKETS NOTED:09/19; MFG SUPPORTS, RESIDUE ONLY, AND MAY ASSIST WITH SAMPLE ANALYSIS; NOTE - DATA ON TOPS WILL BE COVERED BY, AND COLLECTED IN, GARDEN BEET STUDY PR# 12805:10/19; MFG CONFIRMED THAT E/CS DATA ARE ALSO NEEDED FOR RADISH:01/20;

NER-EPA Region-FRD	NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD	CANADA-EPA Region-FRD
	21-MIP03	Hausbeck, Dr. Mary K.	21-FLP03	Vallad, Gary		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13015	-NONE	+	HOMA	CYAZOFAMID (ISK)	TURNIP (ROOTS)	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: CLUB ROOT; THIS USE IS NEEDED AS LABELED MATERIALS ARE FOR TURNIP GREENS ONLY; NEED OPTIONS FOR TURNIP ROOT PRODUCTION; USE NEEDED FOR DIRECT SEEDED FIELDS; E/CS DATA NEED GENERATED FOR THIS PROJECT

Use Pattern: (PCR): USE THE RANMAN PRODUCT; APPLY AT SEEDING; NO OTHER USE PATTERN DETAILS PROVIDED BY REQUESTOR; PER MFG: CURRENTLY RANMAN IS LABELED FOR CLUB ROOT AND DOWNY MILDEW CONTROL IN BRASSICA VEGETABLES; FOR CLUB ROOT, ONE APPLIC IS MADE AS A TRANSPLANT SOIL DRENCH OR VIA SOIL INCORPORATION (THE AI MUST BE IN THE ROOT ZONE)

E/CS Data Requirements: PER MFG: EFFICACY DATA NEEDS TO BE GENERATED BASED ON HOW ROOT CROP GROWERS WILL USE THE PRODUCT, BEFORE A RESIDUE PROGRAM CAN BE DESIGNED; ISK AGREES THAT 2 TRIALS IN OREGON ARE SUFFICIENT, AND SUGGESTS BOTH BE DONE WITH SOIL INCORPORATION, DIRECT-SEEDED:10/20

E/CS Research Comments: 2 TRIALS CARRIED OUT IN OR IN 2021 BY C. OCAMB: 03/21

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

Comments: NO KEY EXPORT MARKET NOTED; TOLERANCES EXIST ON GINSENG AND CARROT (DIFFERENT USE PATTERNS) AND FOR SUBGROUP 4-16B:06/20; MFG REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK: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-ORP04 Ocamb, Cindy	
			21-ORP05 Ocamb, Cindy	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11939	-NONE	+	BATTS	FLUMIOXAZIN + PYROXASULFONE (KICHEM,VALENT)	CASSAVA	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: WEEDS

Use Pattern: (PCR): USE PYROXASULFONE 85WG; MAKE 2 SOIL APPLIC OF 0.155-0.311 LB PRODUCT/A, 30-DAY INTERVAL, 60-DAY PHI; APPLY IMMEDIATELY POST PLANT AND EARLY POSTEMERGENCE AT FIRST SIGN OF FOLIAGE

E/CS Data Requirements: MFG CONTINUES DOING E/CS WORK IN BRAZIL:07/17; MFG WOULD NEED 3 ADDITIONAL EFFICACY TRIALS:05/19; VALENT HAS A LARGE E/CS PROGRAM IN AFRICA, SO IF 2 IR-4 TRIALS IN 2020 ARE GOOD, SHOULD BE SUFFICIENT:07/20

E/CS Research Comments: IN 2020 PERFORMANCE PROTOCOL: TESTING 2 RATES OF THE FIERCE 76WDG PRODUCT AT 2 DIFFERENT USE PATTERNS, WITH ALL APPLIC IN >15 GPA; TEST THE TREATMENT OF 0.08 LB AI/A PYROX + 0.063 LB AI/A FLUMIOXAZIN, AND THE TREATMENT OF 0.16 LB AI/A PYROX AND 0.126 LB AI/A FLUMIOXAZIN; EACH COMBO RATE WILL BE APPLIED TWICE - PREEMERGENCE BROADCAST FOLLOWED BY POSTEMERGENCE BROADCAST, AS WELL AS PREEMERGENCE BROADCAST FOLLOWED BY POSTEMERGENCE TO ROW MIDDLES ONLY; PREEMERGENCE APPLIC SHOULD BE MADE AFTER CASSAVA STEM SEGMENTS ARE PLANTED; POSTEMERGENCE APPLIC (USING HOODED SPRAYER IS RECOMMENDED, BUT NOT REQUIRED) SHOULD BE MADE 30 DAYS AFTER PREEMERGENCE APPLIC; EACH POSTEMERGENCE APPLIC SHOULD INCLUDE A NONIONIC SURFACTANT AT 0.25% V/V OR A CROP OIL CONCENTRATE AT 1 QT/A; EVALUATE CROP INJURY, BUT NOT WEED CONTROL; CROP YIELD DATA ARE OPTIONAL (IN 2021 PERFORMANCE PROTOCOL, TESTING SAME USE PATTERN AS IN 2020 PROTOCOL)

IR-4 Residue Trial Plan:

Comments: CAN BE COVERED WITH A SUBGROUP 1C TOLERANCE, WITH POTATO AS THE REP CROP, IF THE USE PATTERN IS SIMILAR; THERE IS A LACK OF PREPLANT/PREEMERGENCE HERBICIDES; MFG MAY CONDUCT SOME FIELD RESEARCH; MFG INDICATES THAT FROM SOME INT'L WORK, CASSAVA IS TOLERANT OF THE AI, SO MFG SUPPORTS:06/16; MFG CONFIRMED CASSAVA USE PATTERN MATCHES POTATO USE PATTERN, SO TOLERANCE CAN BE COVERED BY POTATO:07/17; BASF NO LONGER SUPPORTS THIS USE OF SOLO PYROXASULFONE, BUT VALENT WILL SUPPORT THE DUAL AI PRODUCT WITH FLUMIOXAZIN (FIERCE); PER KUMIAI REQUEST AND PR REQUESTOR CONCURRENCE, CHEMICAL WAS CHANGED TO THE DUAL AI; NEED TO CONFIRM IF THERE IS NEED FOR RESIDUE DATA TO COVER FLUMIOXAZIN, SINCE THE PYROXASULFONE POTATO USE PATTERN & TOLERANCE APPEAR TO COVER CASSAVA:10/19

NER-EPA Region-FRD **NCR-EPA Region-FRD** **SOR-EPA Region-FRD** **WSR-EPA Region-FRD** **CANADA-EPA Region-FRD**

21-PRP01 Robles Vazquez, W.

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P10558	-NONE	A	BATTS	GLUFOSINATE (BASF,UPL NA)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: ANNUAL BROADLEAF WEEDS

Use Pattern: (PCR): PLANT BURNDOWN; 29-43 OZ/A; 1 APPLIC; PER AR ME-TOO, FOR PRE-PLANT BURNDOWN (AND AN ALTERNATIVE FOR BANDED APPLIC IN ROW MIDDLES - SEE PR# 12905)

E/CS Data Requirements: MFG REQUIRES ONLY CROP SAFETY DATA FIRST:09/16; IR-4 CONSIDERS PERFORMANCE RESEARCH IS COMPLETE WITH ONGOING WORK:11/18; SEE NEW MFG CROP SAFETY DATA REQUIREMENTS IN COMMENTS SECTION:08/19

E/CS Research Comments: IN THE 2020 PERFORMANCE PROTOCOL: TESTING 2 RATES (1.57 AND 3.16 LB AI/A) OF THE RELY PRODUCT, IN >15 GPA, EACH AT 3 DIFFERENT TIMINGS (1, 7 AND 14 DAYS BEFORE TRANSPLANTING); EACH TREATMENT WILL BE APPLIED ONCE AS A BROADCAST APPLIC TO PREFORMED BEDS; INCLUDE AMMONIUM SULFATE (AMS) AT 3 LB/A WITH THE LOW RELY RATE AND 6 LB/A WITH THE HIGH RELY RATE; EVALUATE CROP INJURY AND CROP YIELD (INCLUDING TUBER GRADING); NO WEED CONTROL DATA NEEDED

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

Comments: ORIGINAL REQUEST WAS REC'D 3/24/2010; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG QUESTIONS IF THIS REQUEST IS SIMILAR TO GLUFOSINATE USE ON POTATO AS A DESICANT (HARVEST AID); A PRE-SEASON BURNDOWN WOULD POSSIBLY FIT IN THE RISK CUP; IF USE PATTERN NEEDED IS THE SAME AS POTATO, THEN NO RESIDUE DATA ARE NEEDED AND THE POTATO TOLERANCE WOULD COVER THIS REQUEST (SAME IS TRUE FOR TARO, 09568):08/16; EPA CAUTION; MFG SUPPORTS AS POTENTIAL, AND NEEDS ONLY CROP SAFETY DATA FIRST:09/16; E/CS BEFORE RESIDUE - E/CS ON-GOING: 01/17; IR-4 CONSIDERS PERFORMANCE RESEARCH IS COMPLETE WITH ONGOING WORK, AND STATUS CAN BE MOVED TO "RESIDUE RESEARCHABLE":11/18; IR-4 PERFORMANCE WORK COMPLETE:03/19; MFG REQUESTS THIS PR BE SPLIT INTO 2 SEPARATE ONES BASED ON USE PATTERN, AS FOLLOWS: 1) PRE-TRANSPLANT USE PATTERN BASF SUPPORTS AS RESEARCHABLE, BUT SUGGESTS AT LEAST ONE YEAR OF ADDITIONAL CROP SAFETY TESTING BEFORE STARTING RESIDUE TRIALS (WITH FULL 2X EXAGGERATED RATES [1X = 0.78 LB AI/A] IN COMMERCIALLY IMPORTANT SWEET POTATO GROWING AREAS - 2 TRIALS IN NC, AND 1 EACH IN LA, CA, AND MS OR TX; NEED TO REPEAT PROGRAM FOR 2 YEARS WITH FOCUS ON COARSE-TEXTURED SOILS WITH LOW ORGANIC MATTER); 2) POST-TRANSPLANT/INTER-ROW APPLIC USE PATTERN BASF SUPPORTS AS POTENTIAL, WITH NO EFFICACY DATA NEEDED; ADDITIONAL CROP SAFETY DATA IS REQUIRED, TESTING A FULL 2X EXAGGERATED RATE (1X = 0.78 LB AI/A) IN COMERCIALLY IMPORTANT SWEET POTATO GROWING AREAS (2 TRIALS IN NC AND 1 EACH IN LA, CA, AND MS OR TX):08/19; EPA GREEN:09/19; AT FUW, PRE-PLANT BURNDOWN USE IS "A" (USING THIS PR#) AND POST ROW-MIDDLE USE IS "H+" (SEE PR# 12905):09/24/19; POTATO IS LABELED FOR DESICCATION, 9-DAY PHI, 21 OZ/A;

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
		21-NCP01 Jennings, Katie		
		21-MSP01 Shankle, Mark W.		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12869	-NONE	B	BATTS	PARAQUAT (AMVAC,SYNGEN)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: WEEDS; NO POSTEMERGENCE HERBICIDES REGISTERED FOR WEED CONTROL IN PLANT BEDS; PER CA ME-TOO REQUEST, A CONTACT HERBICIDE, RATHER THAN SYSTEMIC LIKE GLYPHOSATE, MAY HAVE BETTER CROP SAFETY AT THIS TIME; POTENTIAL COMPARISON PRODUCTS MAY BE SUPPRESS AT 6%, RELY, ROUNDUP:09/19

Use Pattern: (PCR): MAKE ONE FOLIAR APPLIC OF 1.5-2.0 PT/A, JUST AFTER PLASTIC IS REMOVED; NO OTHER USE PATTERN DETAILS PROVIDED

E/CS Data Requirements: NEED 2 TRIALS IN 2021

E/CS Research Comments: IN THE 2020 PERFORMANCE PROTOCOL: TESTING GRAMOXONE SL PRODUCT AT 3 RATES (1X, 2X, 4X) - 0.25, 0.5 AND 1.0 LB AI/A, IN 10-30 GPA; MAKE A SINGLE POSTEMERGENCE BROADCAST APPLIC TO SMALL WEEDS AND NEWLY-EMERGED SWEET POTATO SHOOTS, JUST AFTER PROTECTIVE COVERING IS REMOVED FROM THE PROPAGATION BED; INCLUDE A NONIONIC SURFACTANT AT 0.25% V/V; EVALUATE CROP INJURY AND WEED CONTROL IN THE PROPAGATION BED, AND CROP INJURY, PLANT STAND AND CROP YIELD/TUBER GRADE IN THE FIELD

IR-4 Residue Trial Plan: SEEK TOLERANCE VIA CHEMSAC PROPOSAL

Comments: EUROPE NOTED AS A KEY EXPORT MARKET; SEE PR# 10583 AND 11327 FOR OTHER REQUESTS FOR THIS PRODUCT ON SWEET POTATO:08/19; BY EMAIL, MFG APPROVED, RESIDUE AND E/CS DATA NEEDED:09/19/19; SUBGROUP 1C IS REGISTERED IN US AND EU; CONSIDER IF THE REQUESTED USE CAN BE SECURED VIA CHEMSAC PROPOSAL:10/2/19; STATUS CHANGED TO E/CS DATA ONLY:10/29/19; CHEMSAC AGREED WITH THE IR-4 PROPOSAL (THE PROPOSED USE PATTERN IS NOT EXPECTED TO RESULT IN HIGHER RESIDUES THAN THOSE ON POTATO) AND CONCLUDED THAT THIS PROPOSED NEW USE CAN BE SUPPORTED WITH EXISTING DATA AND THE TOLERANCE FOR RESIDUES IN/ON VEGETABLE, TUBEROUS AND CORM, SUBGROUP 1C; THIS CONCLUSION COULD BE USED TO SUPPORT A 24C APPLICATION AND/OR A LABEL AMENDMENT:03/20

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
		21-NCP02 Jennings, Katie		
		21-MSP02 Shankle, Mark W.		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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 ROTS OF SWEETPOTATO; ONLY SCHOLAR CAN BE APPLIED POSTHARVEST BUT IT IS TYPICALLY NOT ENOUGH TO CONTROL THESE ROTS 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

E/CS Data Requirements:

E/CS Research Comments:

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 $$S 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

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

WSR-EPA Region-FRD

21-CA04	Ennes, D. (Kearney)

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12818	21-YAR04	A	MOORE,P	S-METOLACHLOR/METOLACHLOR (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

E/CS Data Requirements: SYNG INDICATES PERFORMANCE DATA NOT NEEDED (RESIDUE ONLY):10/20

E/CS Research Comments:

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		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-MD181	James, Megan	21-OH248	Robinson, Allison	21-GA*150 (decline)	Fraelich, Ben		
				21-LA172	Wright, Denise		
				21-NC216 (Region 2)	Welker, Rob		
				21-TX312	Arias, Miguel		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12804	-NONE	A	HOMA	XDE-659 (CORTEVA)	ONION	ONION BULB AND GREEN SUBGROUPS (03-07AB)

Reason for Need: BOTRYTIS AND ALTERNARIA; FUNGICIDE IS SUSPECTED WEAK ON STEMPHYLIUM BUT WORTHWHILE TO OBTAIN OBSERVATIONS ON PERFORMANCE IF THIS FUNGUS ALSO OCCURS; DUE TO FUNGICIDE RESISTANCE, TARGET PATHOGENS ARE DIFFICULT TO MANAGE SUCCESSFULLY WITH AVAILABLE FUNGICIDES AND ALTERNATIVES ARE NEEDED TO FOLLOW LABEL USE RESTRICTIONS FOR RESISTANCE MANAGEMENT

Use Pattern: (PCR): MAKE 5 FOLIAR APPLIC (PER CALENDAR YEAR), BY GROUND ONLY, OF 0.09-0.13 LB AI (100-150 G AI/HA)/A, MINIMUM 30 GPA, 10-14 DAY INTERVAL, 1-DAY PHI; APPLY BEFORE VISIBLE SYMPTOMS APPEAR; APPLY WITH A NIS OR NIS BLEND; DO NOT APPLY WITH ADDITIVES CONTAINING LATEXES; DO NOT APPLY BY AIR OR VIA CHEMIGATION (MFG REQUESTS THAT APPLIC OF XDE-659 SHOULD BE NO MORE THAN 1/3 OF THE TOTAL FUNGICIDE APPLIC, UP TO 3 APPLIC PER CROPPING SEASON AND 5 PER CALENDAR YEAR)

E/CS Data Requirements: NEED GREEN ONION EFFICACY DATA:09/17/19; NEED 3 TRIALS FOR ALTERNARIA ON GR ONION:10/20

E/CS Research Comments: PMC/CANADA IS CONDUCTING 1 DRY BULB EFF TRIAL (IN BC), AND 1 GR. ONION EFF TRIAL IN 2020, BOTH TARGETING BOTRYTIS LEAF BLIGHT:12/19; CANADA IS PLANNING 3 TRIALS ON EACH CROP IN 2021 FOR BOTRYTIS:10/20; IN 2021 3 PERFORMANCE TRIALS ON GR ONION-TWO IN NORTHEAST AND ONE IN NORTH CENTRAL REGIONS: 02/21; TRIALS CARRIED OUT IN 2021 IN NY AND DE ON GREEN ONION: 03/21

IR-4 Residue Trial Plan: NAFTA SITES: DRY BULB: 5-2 6 8 10-2 11-2; GREEN: 5-2 10-2 12, 1 DECLINE TRIAL

Comments: NO KEY EXPORT MARKETS NOTED; MFG SUPPORTS, RESIDUE AND E/CS, AND POSSIBLY WILL ASSIST WITH SAMPLE ANALYSIS:08/19; MFG CONFIRMED ONLY RESIDUE DATA NEEDED FOR BULB ONION (AND EFFICACY TRIALS ARE IN PROGRESS); NEED RESIDUE AND EFFICACY TRIALS FOR GREEN ONION:09/17/19; CANADIAN INTEREST FOR JOINT STUDY, WITH NAFTA TRIAL SITES INDICATED IN THE IR-4 RESIDUE TRIAL PLAN FIELD (US SITES WERE: BULB: 1 5 6 8 10-2 11 12, 1 DECLINE TRIAL; GREEN: ANY 4 TRIALS, 1 DECLINE TRIAL):10/19;

NER-EPA Region-FRD		NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-NYP02	Hoepting, Christine				
21-DEP05	Koehler, Alyssa				
21-NYP10	Lessord, Tessa				
(to be updated with NYP10 - ACDS res					

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12815	-NONE	A	BATTS	LINURON (TKI)	ONION (GREEN)	ONION, GREEN SUBGROUP (03-07B)

Reason for Need: COMMON PURSLANE, HAIRY GALINSOGA, PROSTRATE PIGWEED; CURRENT COSTS FOR HAND LABOR TO COMPLETE WEED CONTROL IN GREEN ONION IS IN EXCESS OF $500/ ACRE; LABOR SUPPLY IS NOT DEPENDABLE; PER FL ME-TOO REQUEST, THERE ARE FEW OPTIONS FOR BROADLEAF WEED CONTROL IN ONIONS; ECONOMIC ALTERNATIVES TO HAND WEEDING ARE NEEDED DUE TO EXPENSE AND AVAILABILITY OF LABOR

Use Pattern: (PCR): MAKE 1 EARLY TO MID POST EMERGENCE (2-4 LEAF STAGE OF ONION AND EMERGED WEEDS) APPLIC OF LINURON AT 0.25-1.0 LB/A, 25-30 DAY PHI; LIMIT USE TO MUCK SOILS OR SEVERE CROP INJURY MAY OCCUR

E/CS Data Requirements: NEED 2 MORE E/CS TRIALS IN 2021:10/20

E/CS Research Comments: IN THE 2020 PERFORMANCE PROTOCOL: ON MUCK SOILS ONLY, TESTING 3 RATES OF LINEX 4L, AT 0.25, 0.5 AND 1.0 LB AI/A, APPLIED POST-EMERGENCE BROADCAST TO 2-LEAF ONIONS, IN 10-40 GPA, VS A REGISTERED STANDARD; APPLY IRRIGATION TO ACTIVATE HERBICDE, IF LESS THAN 0.5 INCHES RAIN FALLS WITHIN 7 DAYS OF APPLIC; COLLECT DATA ON CROP INJURY, WEED CONTROL, AND CROP YIELD

IR-4 Residue Trial Plan: ANY 4 TRIALS, 1 DECLINE TRIAL

Comments: CANADA IS NOTED AS A LIKELY EXPORT MARKET; POSSIBLY COMBINE PR# 12816/ONION BULB (STORAGE):08/19; TKI SUPPORTS: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-OHP02 Robinson, Allison			
	21-MIP04 Chaudhari, Dr. Sushila			
	21-MIP05 Chaudhari, Dr. Sushila			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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;

E/CS Data Requirements: NEED CROP SAFETY ASSESSMENTS TAKEN DURING THE CONDUCT OF RESIDUE TRIALS:05/20

E/CS Research Comments:

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 SAFTEY 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		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-MD179	James, Megan	21-WI354	Chapman, Scott	21-FL107	Long, Michael		
		21-OH*381	Horst, Leona	21-TX309	Arias, Miguel		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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 ABOOUT 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

E/CS Data Requirements:

E/CS Research Comments: CANADA PLANNING 2 E/CS TRIALS IN 2021; NEED 2 TRIALS FOR CA:10/20

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

21-OH*251	Horst, Leona

SOR-EPA Region-FRD

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

WSR-EPA Region-FRD

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)

CANADA-EPA Region-FRD

21-QC287	Smaers, Julie
21-QC288	Smaers, Julie

(decline)

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12817	20-YAR05	A	MOORE,P	S-METOLACHLOR/METOLACHLOR (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

E/CS Data Requirements: PER MFG, NO PERFORMANCE DATA NEEDED:11/19

E/CS Research Comments:

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		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12806	-NONE	A	HOMA	XDE-659 (CORTEVA)	BROCCOLI	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: ALTERNARIA LEAF SPOT; DUE TO FUNGICIDE RESISTANCE, TARGET DISEASE IS DIFFICULT TO MANAGE SUCCESSFULLY WITH AVAILABLE FUNGICIDES AND ALTERNATIVES ARE NEEDED TO FOLLOW LABEL USE RESTRICTIONS FOR RESISTANCE MANAGEMENT; PER RI ME-TOO REQUEST, ALTERNARIA IS A VERY SIGNIFICANT BROCCOLI DISEASE, WITH INCREASING PRESSURE DUE TO GROWING OF OTHER SUSCEPTIBLE BRASSICA CROPS ALONGSIDE BROCCOLI; PER MI ME-TOO REQUEST, BROCCOLI IS A NICHE CROP IN MI AND IS GROWN LATER IN THE FALL FOR PROCESSING, WHEN THE DEW PERIODS ARE EXTENDED AND DISEASE IS MORE LIKELY

Use Pattern: (PCR): MAKE 5 FOLIAR APPLIC (PER CALENDAR YEAR), BY GROUND ONLY, OF 0.09-0.13 LB AI (100-150 G AI/HA)/A, MINIMUM 30 GPA, 10-14 DAY INTERVAL, 1-DAY PHI; APPLY BEFORE VISIBLE SYMPTOMS APPEAR; APPLY WITH A NIS OR NIS BLEND; DO NOT APPLY WITH ADDITIVES CONTAINING LATEXES; DO NOT APPLY BY AIR OR VIA CHEMIGATION (MFG REQUESTS THAT APPLIC OF XDE-659 SHOULD BE NO MORE THAN 1/3 OF THE TOTAL FUNGICIDE APPLIC, UP TO 3 APPLIC PER CROPPING SEASON AND 5 PER CALENDAR YEAR)

E/CS Data Requirements: NEED EFFICACY AND CROP SAFETY DATA:09/17/19; NEED 4 TRIALS ON ALTERNARIA:10/20

E/CS Research Comments: PMC/CANADA IS PLANNING 2 EFF TRIALS IN 2020, TARGETING ALTERNARIA:12/19; CANADA PLANNING 2 OR 3 TRIALS IN 2021:10/20; IN 2021 3 PERFORMANCE TRIALS ARE PLACED- 2 IN NORTHEAST AND 1 IN NORTH CENTRAL REGIONS: 02/21;

IR-4 Residue Trial Plan: NAFTA SITES: 5-2 10-6, 1 DECLINE TRIAL

Comments: NO KEY EXPORT MARKETS NOTED; MFG SUPPORTS, RESIDUE AND E/CS, AND POSSIBLY WILL ASSIST WITH SAMPLE ANALYSIS:08/19; CANADIAN INTEREST FOR JOINT STUDY, WITH NAFTA TRIAL SITES INDICATED IN THE IR-4 RESIDUE TRIAL PLAN FIELD (US TRIAL SITES WERE: 6 10-6 12, 1 DECLINE TRIAL):10/19;

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-NYP03	Hoepting, Christine	21-MIP01	Hausbeck, Dr. Mary K.			
21-MAP02	Scheufele, Susan					

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

21-TX321	Arias, Miguel

WSR-EPA Region-FRD

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13101	-NONE	A	PIKE	SPINOSAD (CORTEVA,SYNGEN)	BEAN (SNAP) (SEED TRT)	EDIBLE PODDED LEGUME VEGETABLES SUBGROUP (06A)

Reason for Need: SEEDCORN MAGGOT (SCM), POTATO LEAFHOPPER; SEEDCORN MAGGOT, 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 SNAP BEAN, SCM DAMAGE FREQUENTLY STUNTS PLANT GROWTH, WHICH REDUCES BEAN 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 NEONICOTINOIDS; 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 FI500 SEED TREATMENT PACKAGE; REGARD IS CURRENTLY THE INDUSTRY STANDARD FOR ONION GROWERS IN THE US; A SIMILAR SHIFT MIGHT BE EXPECTED IN THE USE OF REGARD TO PROTECT OTHER VEGETABLE CROPS THAT ARE ATTACKED BY SCM; PER OR ME-TOO REQUEST: NEED SCM CONTROL OPTIONS IN NUMEROUS CROPS SUCH AS BEANS, CARROTS AND PARSNIP, AS MAJOR STAND REDUCTIONS HAVE BEEN OBSERVED WITH CURRENT PRACTICES

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

E/CS Data Requirements: MFG REQUIRES E/CS DATA:09/20

E/CS Research Comments:

IR-4 Residue Trial Plan: 1 2 3 5-2 11; NO TRIAL SITES ASSIGNED:10/20

Comments: X0251 (DMP ONLY), RECD IN 4/2/2004, CONVERTED TO THIS PR#; EUROPE AND ASIA NOTED AS KEY EXPORT MARKETS:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; HQ SUGGESTS IR-4 CONSIDER COVERING RESIDUE REQUEST WITH A CHEMSAC PROPOSAL/NO-DATA SUBMISSION:09/20; HOWEVER, IR4 TO GENERATE PERFORMANCE DATA; 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-NYP04 Nault, B.A. (efficacy & crop safety) 21-NYP07 Taylor, Alan (seed treatment onlyl)			21-CAP04 Grettenberger, Dr. Ian (crop safety only) 21-ORP01 Peachey, Ed (efficacy & crop safety)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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 AI/A; 1 BROADCAST PREEMERGENCE APPLIC

E/CS Data Requirements:

E/CS Research Comments:

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		NCR-EPA Region-FRD		SOR-EPA Region-FRD	WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-MD178	James, Megan	21-MI187	Chaudhari, Dr. Sushila		21-WA*328	Larson, Duane	
21-NJ224	Fisher, Jennifer	21-OH*240	Horst, Leona				
		21-OH*379	Horst, Leona				

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11772	20-FLR08	A	MOORE,P	LINURON (TKI)	BEAN (EDIBLE PODDED & SUCCULENT SHELLED)	EDIBLE PODDED AND SUCCULENT SHELLED 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

E/CS Data Requirements: MFG REQUESTS 2 E/CS TRIALS ON LIMA BEAN AND 2 ON SNAP BEAN:11/19; NEED 1 MORE TRIAL ON EACH BEAN TYPE IN 2021:10/20

E/CS Research Comments: MFG HAS SOME TRIAL DATA THAT INDICATES LINURON IS SAFE WHEN APPLIED PREEMERGENCE AT RATES OF 2 LB PROD/A OR LESS:08/15; IN IR-4 2020 PERFORMANCE PROTOCOL: ON SNAP BEAN IN FL AND LIMA BEAN IN DE, TESTING 3 RATES OF LINEX 4L, AT 0.5, 1.0 AND 2.0 LB AI/A, APPLIED PRE-EMERGENCE BROADCAST, AFTER SEEDING AND BEFORE CROP EMERGENCE, IN 10-40 GPA, VS A REGISTERED STANDARD; APPLY IRRIGATION TO ACTIVATE HERBICDE, IF LESS THAN 0.5 INCHES RAIN FALLS WITHIN 7 DAYS OF APPLIC; COLLECT DATA ON CROP INJURY, WEED CONTROL, AND CROP YIELD

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)		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11772	-NONE	A	BATTS	LINURON (TKI)	BEAN (EDIBLE PODDED & SUCCULENT SHELLED)	EDIBLE PODDED AND SUCCULENT SHELLED 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

E/CS Data Requirements: MFG REQUESTS 2 E/CS TRIALS ON LIMA BEAN AND 2 ON SNAP BEAN:11/19; NEED 1 MORE TRIAL ON EACH BEAN TYPE IN 2021:10/20

E/CS Research Comments: MFG HAS SOME TRIAL DATA THAT INDICATES LINURON IS SAFE WHEN APPLIED PREEMERGENCE AT RATES OF 2 LB PROD/A OR LESS:08/15; IN IR-4 2020 PERFORMANCE PROTOCOL: ON SNAP BEAN IN FL AND LIMA BEAN IN DE, TESTING 3 RATES OF LINEX 4L, AT 0.5, 1.0 AND 2.0 LB AI/A, APPLIED PRE-EMERGENCE BROADCAST, AFTER SEEDING AND BEFORE CROP EMERGENCE, IN 10-40 GPA, VS A REGISTERED STANDARD; APPLY IRRIGATION TO ACTIVATE HERBICDE, IF LESS THAN 0.5 INCHES RAIN FALLS WITHIN 7 DAYS OF APPLIC; COLLECT DATA ON CROP INJURY, WEED CONTROL, AND CROP YIELD

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-DEP01 (lima)	VanGessel, M.		21-FLP04 (snap)	Dittmar, Dr. Peter		
21-DEP02 (lima)	VanGessel, M.					

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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 NEONICOTINOIDS; 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 FI500 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

E/CS Data Requirements: NEED 2 E/CS TRIALS ANYWHERE; PHYTO DATA FROM RESIDUE TRIALS IS SUFFICIENT FOR CA:10/20

E/CS Research Comments:

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.;

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD	WSR-EPA Region-FRD		CANADA-EPA Region-FRD
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	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12841	-NONE	A	BATTS	BENTAZON + ACIFLUORFEN (ARYSTA,UPL NA)	PEA (DRY)	DRIED SHELLED PEA/BEAN (EXCEPT SOYBEAN) SUBGROUP (06C)

Reason for Need: BROADLEAF WEEDS; UNIQUE MODE OF ACTION; POST PLANT APPLIC; THIS DUAL AI PRODUCT PROVIDES BETTER CROP SAFETY; POTENTIAL 60-80,00 ACRES IN ID, AND WEED CONTROL PROBLEMS ARE SIMILAR TO WA; PER MT ME-TOO REQUEST, DRY PEAS ARE A MAJOR CROP IN MT, AND THIS NEED HAS INDUSTRY SUPPORT

Use Pattern: (PCR): USE STORM; MAKE ONE POST EMERGE FOLIAR APPLIC OF 16-24 OZ/A; NO OTHER USE PATTERN INFO PROVIDED

E/CS Data Requirements: NEED A ND E/CS TRIAL IN 2021:10/20

E/CS Research Comments: IN 2020 PERFORMANCE PROTOCOL: IN SPRING PLANTED PEAS, TESTING THE STORM PRODUCT AT 3 RATES (16, 24 AND 48 OZ/A), EACH WITH A NONIONIC SURFACTANT AND WITH A CROP OIL CONCENTRATE, VS A COMMERCIAL STANDARD, ALL APPLIED IN 10-40 GPA AS A POSTEMERGENCE BROADCAST APPLIC WHEN BROADLEAF WEEDS ARE 2-4 INCHES TALL; EVALUATE CROP INJURY, WEED CONTROL AND CROP YIELD/GRADE

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

Comments: KEY EXPORT MARKETS INCLUDE INDIA, CHINA, EU, PERU, CHILE, MEXICO; BENTAZON IS REGISTERED ON DRY PEA, BUT THERE IS NO TOLERANCE FOR ACIFLUORFEN; SEE PR# 12751 (ACIFLUORFEN/DRY PEA) WHICH IS UNDER EVALUATION, AND 11510 (BENTAZON/DRY PEA); THIS REQUEST IS FOR THE DUAL AI PRODUCT STORM; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:08/19; PER EMAIL, MFG PREFERS THIS COMBO PRODUCT VS 12751 ACIFLUORFEN ALONE:09/23/19; AT FUW, COMBO PRODUCT GIVEN "A" PRIORITY, SO THIS REQUEST TO COVER PR# 12751:09/24/19; CANADIAN INTEREST FOR JOINT STUDY, USING NAFTA TRIAL SITES (7-4 11 14-3, 1 DECLINE TRIAL [IN CANADA]); US TRIAL SITES WERE: 7-3 11/12-2:10/19; CANADA CONFIRMED THIS WILL NOT BE A JOINT PROJECT, SO NEED TO USE U.S. TRIAL SITE REQUIREMENTS:10/23/19; 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-NDP01 Jenks, Dr. Brian			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments: 2020 PERFORMANCE PROTOCOL INCLUDES PEPPER (PR# 12577 - BELL & NONBELL): EACH TRIAL SITE WILL INCLUDE AT LEAST ONE VARIETY OF TOMATO AND ONE VARIETY OF PEPPER; USE THE FIERCE 76WDG PRODUCT; TEST 3 RATES OF FIERCE (3.0, 4.5 AND 6.0 OZ PRODUCT/A) VS A REGSTERED STANDARD AT A LABELED RATE; MAKE 2 POSTEMERGENCE APPLIC 30 DAYS APART, IN >5 GPA, AS BANDED SPRAYS TO ROW MIDDLES ONLY USING A HOODED/SHIELDED SPRAYER, WITH FIRST APPLIC WHEN WEEDS ARE 2-4 INCHES TALL; INCLUDE A NON-IONIC SURFACTANT AT 0.25% V/V OR CROP OIL CONCENTRATE AT 1 QT/A; EVALUATE CROP INJURY, WEED CONTROL AND CROP YIELD/FRUIT GRADES

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 NCR-EPA Region-FRD SOR-EPA Region-FRD WSR-EPA Region-FRD CANADA-EPA Region-FRD

21-NJ227 Fisher, Jennifer
(large fruited)

21-OH244 Robinson, Allison
(small fruited)

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)

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 fruitec

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)

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

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

Reason for Need: SOUTHERN BLIGHT (SCLEROTIUM ROLFSII); 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

E/CS Data Requirements:

E/CS Research Comments:

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

21-NJ231 Fisher, Jennifer
(large fruited)

21-MI194 Chaudhari, Dr. Sushila
(decline)(small fruited)

21-FL134 Thomas, Darrell
(small fruited)

21-GA*152 Fraelich, Ben
(small fruited)

21-NC221 Welker, Rob
(Region 2)(small fruited)

21-SC*298 Wade, Paul
(small fruited)

21-CA45 Leach, Nathan
(paste type) (large fruited)

21-CA*46 Benzen, Ms. Sharon D.
(fresh, large fruited)

21-CA47 Kyser, Guy
(paste type)(large fruited)

21-CA48 Kyser, Guy
(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)

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13076	-NONE	A	HOMA	PYRAZIFLUMID (NAI)	TOMATO	TOMATO SUBGROUP (08-10A)

Reason for Need: SOUTHERN BLIGHT (SCLEROTIUM ROLFSII); 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

E/CS Data Requirements:

E/CS Research Comments:

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**

21-CAP05 Sidhu, Jaspreet

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

NCR-EPA Region-FRD

21-WI364	Chapman, Scott

SOR-EPA Region-FRD

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

WSR-EPA Region-FRD

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: LIKELY NEED CROP SAFETY DATA:06/18

E/CS Research Comments:

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		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-MD177 (large)	James, Megan	21-OH*239 (small)	Horst, Leona	21-TX308 (large or small)(Reg 6)	Arias, Miguel		
		21-WI380	Chapman, Scott	21-FL105 (large or small)	Thomas, Darrell		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-MD182 James, Megan (large fruited)	21-WI360 Chapman, Scott	21-FL135 Long, Michael (cherry)(decline) 21-TX314 Arias, Miguel (large fruit)	21-CA62 Ennes, D. (Kearney) (cherry)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12299	-NONE	+	PIKE	SPIROPIDION (SYNGEN)	EGGPLANT (GH)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: THRIPS, WHITEFLIES, APHIDS

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

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

E/CS Research Comments: CANADA HAS SOME E/CS DATA; MFG IS DOING E/CS TRIALS IN FIELD TOMATO AND PEPPER:05/18

IR-4 Residue Trial Plan:

Comments: TOLERANCE CAN BE COVERED BY TOMATO (GH), PR# 12300, AND PEPPER (GH), PR# 12298:08/17; MFG CONFIRMED NEED E/CS DATA ONLY, RESIDUES TO BE COVERED BY TOMATO/PEPPER:05/18; NA11630 CHANGED TO SPIROPIDION:03/21

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-NYP09 Gilrein, Dan				

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments: E/CS FOR PEPPER (BELL & NONBELL) WILL BE COVERED UNDER PROTOCOL# P12576 FOR TOMATO:02/20

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

NER-EPA Region-FRD

21-MD180 James, Megan (bell)

NCR-EPA Region-FRD

21-OH*245 Horst, Leona (bell)
21-OH*378 Horst, Leona

SOR-EPA Region-FRD

21-FL113 Long, Michael (bell)
21-FL114 Thomas, Darrell (non-bell)
21-GA*147 Fraelich, Ben (bell)
21-NC210 Welker, Rob (non-bell)(Region 2)
21-SC*295 Wade, Paul (non bell)
21-TX310 Arias, Miguel (bell)

WSR-EPA Region-FRD

21-CA13 Leach, Nathan (bell)
21-CA14 Leach, Nathan (non bell)
21-CA15 Skiles, Keri (bell)
21-CO101 Oman, Clark (CAT) (non bell) (Region 9)

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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)

E/CS Data Requirements:

E/CS Research Comments:

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

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-MD184 (large)	James, Megan	21-WI362	Chapman, Scott	21-FL137 (small)	Long, Michael	21-CA63 (small)(decline)	Ennes, D. (Kearney)	
				21-TX316 (large)	Arias, Miguel			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12580	-NONE	+	BATTS	FLUMIOXAZIN + PYROXASULFONE (KICHEM,VALENT)	CUCUMBER	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: BROADLEAF AND GRASS CONTROL WITH A SPECIAL EMPHASIS ON RAGWEED PARTHENIUM, A WEED FOR WHICH THERE IS NOT CURRENTLY AN EFFECTIVE MANAGEMENT TOOL; RAGWEED PARTHENIUM IS INCREASINGLY PROBLEMATIC AND IS RESISTANT OR TOLERANT TO CURRENT REGISTERED HERBICIDES; PER NJ ME-TOO REQUEST, THERE IS OVERRELIANCE ON THE FEW CURRENTLY LABELED HERBICIDES FOR TOUGH-TO-CONTROL WEEDS SUCH AS COMMON RAGWEED, AND THIS PRODUCT WOULD PROVIDE GREATER FLEXIBILITY AND DIVERSIFY THE NUMBER OF SOA IN AN HERBICIDE RESISTANCE MANAGEMENT PERSPECTIVE; PER NC ME-TOO REQUEST: THERE ARE LIMITED ALTERNATIVES FOR WEED CONTROL IN ROW MIDDLES

Use Pattern: (PCR): REQUESTOR INDICATED THE PRODUCT AS COBRA (LACTOFEN), BUT THE AI IS SPECIFIED AS FLUMIOXAZIN + PYROXASULFONE, WHICH IS THE FIERCE PRODUCT; USE PATTERN GIVEN IS: MAKE 2 SOIL OR FOLIAR APPLIC, 14 DAYS APART; APPLY AS A PRE TO SOIL OR AS A POST ON PLANTS LESS THAN 5 INCHES TALL; DO NOT ALLOW TO COME IN CONTACT WITH THE CROP; NO RATE OR PHI SPECIFIED; REQUESTOR ASKED THAT THE USE PATTERN BE CLARIFIED TO READ LIKE THAT FOR TOMATO AND PEPPER (PR#S 12576 AND 12577): MAKE 2 PRE APPLIC TO THE SOIL IN ROW MIDDLES, USING A SHIELDED APPLICATOR, 14 DAYS APART:05/19

E/CS Data Requirements: MIMIC WHAT WAS DONE WITH FRUITING VEG TRIALS; NEED 4 TRIALS; TEST VINING CUCRBITS (SQUASH [12581] AT A FEW SITES) CUCUMBER (12580) AND MELON (12582) IN THE SAME PLOTS; NO CA TRIALS NEEDED AS THIS PRODUCT FIERCE IS NOT TO BE REGISTERED THERE:09/20

E/CS Research Comments: MFG SUGGESTS SETTING UP E/CS PROTOCOL LIKE THE TOMATO/PEPPER PROTOCOL - 3, 4.5 AND 6 OZ/A, APPLIED TWICE TO ROW MIDDLES (INTERVAL TBD), BEGINNING WHEN WEEDS ARE 2-4" TALL, NO CONTACT WITH CROP ALLOWED:07/20

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

Comments: TOLERANCE IS ESTABLISHED FOR FLUMIOXAZIN ON CUCURBIT VEGETABLES CROP GROUP 9; CANADA AND MEXICO NOTED AS KEY EXPORT MARKETS:07/18; VALENT AND KUMIAI SUPPORT, BUT KUMIAI REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK:08/18

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-DEP04	VanGessel, M.	21-OHP03	Robinson, Allison	21-FLP08	Dittmar, Dr. Peter		
				21-NCP03	Jennings, Katie		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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)

E/CS Data Requirements:

E/CS Research Comments:

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		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-MD183 (small fruited)	Ross, Marylee	21-OH*250	Horst, Leona	21-FL136 (small)	Thomas, Darrell		
		21-WI361	Chapman, Scott	21-TX315 (small fruit)(decline)(Reg 6)	Arias, Miguel		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12581	-	H	BATTS	FLUMIOXAZIN + PYROXASULFONE (KICHEM,VALENT)	SQUASH (SUMMER)	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: BROADLEAF AND GRASS CONTROL WITH A SPECIAL EMPHASIS ON RAGWEED PARTHENIUM, A WEED FOR WHICH THERE IS NO CURRENTLY EFFECTIVE MANAGEMENT TOOL; RAGWEED PARTHENIUM IS INCREASINGLY PROBLEMATIC AND IS RESISTANT OR TOLERANT TO CURRENT REGISTERED HERBICIDES; PER NJ ME-TOO REQUEST, THERE IS OVERRELIANCE ON THE FEW CURRENTLY LABELED HERBICIDES FOR TOUGH-TO-CONTROL WEEDS SUCH AS COMMON RAGWEED, AND THIS PRODUCT WOULD PROVIDE GREATER FLEXIBILITY AND DIVERSIFY THE NUMBER OF SOA IN AN HERBICIDE RESISTANCE MANAGEMENT PERSPECTIVE; PER NC ME-TOO REQUEST: THERE ARE LIMITED ALTERNATIVES FOR WEED CONTROL IN ROW MIDDLES

Use Pattern: (PCR): REQUESTOR INDICATED THE PRODUCT AS COBRA (LACTOFEN), BUT THE AI IS SPECIFIED AS FLUMIOXAZIN + PYROXASULFONE, WHICH IS THE FIERCE PRODUCT; USE PATTERN GIVEN IS: MAKE 2 SOIL OR FOLIAR APPLIC, 14 DAYS APART; APPLY AS A PRE TO SOIL OR AS A POST ON PLANTS LESS THAN 5 INCHES TALL; DO NOT ALLOW TO COME IN CONTACT WITH THE CROP; NO RATE OR PHI SPECIFIED; REQUESTOR ASKED THAT THE USE PATTERN BE CLARIFIED TO READ LIKE THAT FOR TOMATO AND PEPPER (PR#S 12576 AND 12577): MAKE 2 PRE APPLIC TO THE SOIL IN ROW MIDDLES, USING A SHIELDED APPLICATOR, 14 DAYS APART:05/19

E/CS Data Requirements: MIMIC WHAT WAS DONE WITH FRUITING VEG TRIALS; NEED 4 TRIALS; TEST VINING CUCRBITS (SQUASH [12581] AT A FEW SITES) CUCUMBER (12580) AND MELON (12582) IN THE SAME PLOTS; NO CA TRIALS NEEDED AS THIS PRODUCT FIERCE IS NOT TO BE REGISTERED THERE:09/20

E/CS Research Comments: MFG SUGGESTS SETTING UP E/CS PROTOCOL LIKE THE TOMATO/PEPPER PROTOCOL - 3, 4.5 AND 6 OZ/A, APPLIED TWICE TO ROW MIDDLES (INTERVAL TBD), BEGINNING WHEN WEEDS ARE 2-4" TALL, NO CONTACT WITH CROP ALLOWED:07/20

IR-4 Residue Trial Plan: 1 2-2 3 5 6 10 11

Comments: TOLERANCE IS ESTABLISHED FOR FLUMIOXAZIN ON CUCURBIT VEGETABLES CROP GROUP 9; CANADA AND MEXICO NOTED AS KEY EXPORT MARKETS:07/18; VALENT AND KUMIAI SUPPORT, BUT KUMIAI REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK:08/18; ALTHOUGH PROJECT NOT SELECTED DURING WORKSHOP, RESEARCHERS AGREED TO PERFORM WORK AT $0 COST SO IT WAS APPROVED TO ADD PERFORMANCE STUDY TO THE TENTATIVE SCHEDULE FOR 2021:01/21

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
21-DEP06 VanGessel, M. (no $ needed)	21-OHP04 Robinson, Allison (no $ needed)	21-FLP13 Dittmar, Dr. Peter (no $ needed) 21-NCP05 Jennings, Katie (no $ needed)		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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)			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
13141	21-CAR18	A	PIKE	OXATHIAPIPROLIN (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

E/CS Data Requirements:

E/CS Research Comments:

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 $$S: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

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: EFFICACY DATA ESPECIALLY NEEDED FOR CA:09/20

E/CS Research Comments:

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 (Region 2)	Welker, Rob
21-NC218 (Region 2)	Welker, Rob

WSR-EPA Region-FRD

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12698	20-CAR02	A	HOMA	KASUGAMYCIN (ARYSTA)	PLUM	PLUM SUBGROUP (12-12C)

Reason for Need: BACTERIAL BLAST AND CANKER; 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

E/CS Data Requirements: MFG INDICATES NO MORE EFFICACY DATA IS NEEDED FROM IR-4

E/CS Research Comments:

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 $$S 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			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13138	-NONE	+	BATTS	FLORPYRAUXIFEN-BENZYL (CORTEVA)	BLUEBERRY	BUSHBERRY SUBGROUP (13-07B)

Reason for Need: BROADLEAF ANNUALS, NUTSEDGE, AND GRASSES; NEW MECHANISM OF ACTION FOR THIS CROP FOR WEED MANAGEMENT; EFFECTIVE AGAINST ALS, ACCASE, HPPD, QUINCLORAC, GLYPHOSATE, AND TRIAZINE RESISTANT WEEDS; PROVIDE EFFECTIVE CONTROL OF MARESTAIL, FLEABANE, MALLOW, ANNUAL SAWTHISTLE, REDSTEM FILAREE, LAMBSQUARTERS, ETC.

Use Pattern: (PCR): MAKE FOLIAR APPLIC OF 10.5-21.0 FL OZ PRODUCT/A, VIA GROUND BOOM SPRAYER; NO OTHER USE PATTERN DETAILS PROVIDED BY REQUESTOR

E/CS Data Requirements:

E/CS Research Comments:

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

Comments: NO KEY EXPORT MARKET NOTED; THIS AI (RINSKOR) IS EXEMPT FROM THE REQUIREMENT OF A TOLERANCE; CORTEVA SUPPORTS THIS REQUESTED USE, AND REQUIRES ONLY EFFICACY AND CROP SAFETY DATA:08/20; REDUCED RISK HERBICIDE:06/21

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-NJP04	Besancon, Thierry	21-MIP06	Chaudhari, Dr. Sushila	21-NCP06	Jennings, Katie	21-ORP06	Moretti, Marcelo	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: BASF REQUIRES 3 TO 4 CROP SAFETY TRIALS, PRIMARILY IN CA; TRIALS MUST BE MULTI-YEAR WITH SEQUENTIAL APPLIC PER YEAR AT EXAGGERATED RATES (UP TO 3X) ON THE SAME VINES; TOTAL # OF TRIALS DEPENDS ON MATRIX OF IRRIGATION TYPES, SOIL TYPES, VARYING REGIONS OF PRODUCTION IN CA (i.e. PREFER ONE TRIAL PER IRRIGATION TYPE PER REGION); 1X RATE SHOULD BE RELY AT 82 FL OZ/A; BASF REQUESTS SEEDLINGS TO CONDUCT LEVEL OF TOLERANCE WORK IN THE GH

E/CS Research Comments:

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

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12933	-NONE	A	BATTS	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

E/CS Data Requirements: BASF REQUIRES 3 TO 4 CROP SAFETY TRIALS, PRIMARILY IN CA; TRIALS MUST BE MULTI-YEAR WITH SEQUENTIAL APPLIC PER YEAR AT EXAGGERATED RATES (UP TO 3X) ON THE SAME VINES; TOTAL # OF TRIALS DEPENDS ON MATRIX OF IRRIGATION TYPES, SOIL TYPES, VARYING REGIONS OF PRODUCTION IN CA (i.e. PREFER ONE TRIAL PER IRRIGATION TYPE PER REGION); 1X RATE SHOULD BE RELY AT 82 FL OZ/A; BASF REQUESTS SEEDLINGS TO CONDUCT LEVEL OF TOLERANCE WORK IN THE GH

E/CS Research Comments:

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 $$S: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-CAP06 Hanson, Brad (ft to establish new crop) 21-CAP07 Hanson, Brad (bearing) 21-CAP17 Hanson, Brad (bearing)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12604	-NONE	+	BATTS	CLOPYRALID (DOWAGR)	GRAPE	SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT (13-07F)

Reason for Need: CANADA THISTLE, CLOVER, DANDELION, PERENNIAL SOWTHISTLE, HORSENETTLE; IT IS VERY DIFFICULT TO CONTROL MANY COMPOSITE, LEGUME, AND NIGHTSHADE WEEDS IN GRAPE; PREEMERGENCE HERBICIDES DO NOT CONTROL THEM, AND THEY ARE NOT CONTROLLED WELL WITH OTHER POST HERBICIDES; PER NY ME-TOO REQUEST: ALSO NEEDED FOR HORSEWEED, GLYPHOSATE RESISTANT WEEDS AND IPM ROTATION; PER PA ME-TOO REQUEST: GOOD FIT FOR TOUGH WEEDS ALREADY LISTED, AS WELL AS MARESTAIL, AND FOR RESISTANT WEEDS AND ROTATION PURPOSES:01/20

Use Pattern: (PCR): USE THE STINGER OR SPUR PRODUCT; MAKE 1-2 APPLIC OF 0.063-0.125 LB AI/A, 30-DAY INTERVAL, DIRECTED TO THE BASE OF GRAPE VINES AND TO WEEDS GROWING IN GRAPE ROWS; 30-DAY PHI; AVOID CONTACT WITH CROP LEAVES, AND APPLY WHEN WIND IS <5 MPH; IT IS CRITICAL THAT THE APPLIC OVERLAPS THE TRUNK OF THE VINES AT THE BASE, SO THAT WEEDS IN THE ROW RECEIVE COVERAGE

E/CS Data Requirements: MFG WOULD REQUIRE A MINIMUM OF 2 YEARS OF CROP SAFETY DATA FROM MULTIPLE LOCATIONS AT 2X-4X THE MAXIMUM LABEL RATE; DEPENDING ON RESULTS OF PHYTO DATA, CROP VALUE AND PRIOR EXPERIENCE (SECTION 18's, OTHER COUNTRIES, ETC.), MFG WOULD CONSIDER SUPPORT FOR A SEC. 3 REGISTRATION (WITH PRECAUTIONARY LANGUAGE [MAY BE RESTRICTED TO STATES WITH DATA TO SUPPORT THE USE]), OR MFG COULD CONSIDER REGISTERING AS A SEC. 24C SLN WITH PRECAUTIONARY AND INDEMNIFICATION LANGUAGE (ONLY IN THOSE STATES WITH DATA TO SUPPORT):11/18

E/CS Research Comments: IN 2019 PERFORMANCE PROTOCOL: TESTING 0.25 AND 0.05 LB AE/A OF THE STINGER PRODUCT (3 LB ACID EQUIVALENT/GAL), PLUS AN NIS AT 0.25% V/V, IN >10 GPA, VS A WEED-FREE CONTROL; APPLY AS BANDED APPLIC TO THE VINEYARD FLOOR ON EACH SIDE OF THE VINE ROW, IN A MINIMUM SWATH WIDTH OF 3 FT ON EACH SIDE OF THE ROW; FOR THE 0.25 LB AE/A TRT MAKE 2 APPLIC, WITH 1ST APPLIC TO WEEDS <6 IN TALL AND 2ND APPLIC 30 DAYS LATER; FOR THE 0.5 LB AE/A TRT, MAKE A SINGLE APPLIC WHEN WEEDS ARE <6 IN TALL; REPEAT APPLIC OF THESE TRTS ON THE SAME PLOTS THE FOLLOWING SEASON; ASSESSING CROP INJURY (WEED CONTROL DATA OPTIONAL) AT 14 AND 28 DAYS AFTER EACH APPLIC AND AGAIN THE NEXT SPRING FOLLOWING THE LAST APPLIC; ALSO COLLECT DATA ON YIELD/A AND QUALITY OF HARVESTED COMMODITY, IF APPROPRIATE

IR-4 Residue Trial Plan: 1-2 10-8 11 12

Comments: NO EXPORT MARKETS IDENTIFIED:08/18; AT 2018 FUW, MFG CHANGED STATUS FROM UNDER EVAL TO POTENTIAL, E/CS DATA BEFORE RESIDUE:09/18

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

21-WAP01 Walsh, Dr. Doug
(yr 2, no addl $ needed)
21-WAP02 Walsh, Dr. Doug
(yr 2, no add'l $ needed)

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12220	-NONE	A	BATTS	DIQUAT (SYNGEN)	GRAPE	SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT (13-07F)

Reason for Need: ANNUAL WEEDS (PER REQUESTOR DIQUAT COVERS A SIMILAR WEED SPECTRUM AS PARAQUAT; PER MFG, PARAQUAT IS MORE EFFECTIVE ON GRASSES AND HAS A BROADER SPECTRUM OF ACTIVITY; DIQUAT IS NOT AS EFFECTIVE, DEPENDING ON TARGET SPECIES)

Use Pattern: (PCR): USE REGLONE (FOR EXAMPLE); APPLY 0.7-0.93 LB AI/A, + NIS, POSTEMERGENCE FOLIAR TO WEEDS; 1-DAY PHI; APPLY IN A NARROW BAND UNDER THE VINE, 1-3 FT WIDE ON EACH SIDE OF THE VINEROW; DO NOT ALLOW SPRAY TO CONTACT GREEN STEMS, FOLIAGE OR FRUIT; USE A SHIELD OR WRAP PLANT WHEN SPRAYING AROUND YOUNG VINES; MFG RECOMMENDS THAT MAX PER YEAR IS 11.0 LB AI/A:07/17

E/CS Data Requirements:

E/CS Research Comments: IN THE 2019 PERFORMANCE PROTOCOL: TESTING 0.5 AND 1.0 LB AI/A OF THE REGLONE DESSICANT PRODUCT (2 LB DIQUAT CATION OR 3.73 LB SALT/GAL), PLUS A LABEL RATE OF A NONIONIC SURFACTANT, VS A WEED-FREE CONTROL, APPLIED IN A BAND TO THE VINEYARD FLOOR, EXTENDING OUT FROM VINE PLANTS AT LEAST 3 FT TO ROW MIDDLES, IN 20-50 GPA; MAKE 3 APPLIC 14 DAYS APART, WITH 1ST APPLIC MADE TO WEEDS <6 INCHES TALL, AND LAST APPLIC AT 30 DAYS BEFORE HARVEST; ASSESSING CROP INJURY (WEED CONTROL OPTIONAL) AT 14 DAYS AFTER EACH APPLIC, AND AGAIN AFTER BUD BREAK THE FOLLOWING SEASON

IR-4 Residue Trial Plan: 1-2 10-5 11-2; 1 PROCESSING - 5X RATE

Comments: PER REQUESTOR, CURRENTLY GROWERS USE HIGHLY TOXIC PARAQUAT (SIGNAL WORD 'DANGER'), BUT DIQUAT IS LESS TOXIC (SIGNAL WORD 'CAUTION') (PER MFG, BOTH PRODUCTS REQUIRE SIMILAR PPE, AND WHEN APPLIED PER LABEL DIRECTIONS THERE ARE NOT DIFFERENCES IN SAFETY AS BOTH PRODUCTS ARE SAFE TO USE); MAIN USE IS AFTER PRUNING AND CANES ARE REMOVED, AND AGAIN IN-SEASON, DEPENDING ON VINE FOLIAGE; DIQUAT COULD BE APPLIED LATE FALL, LATE WINTER OR EARLY SPRING, AND THEN IN SUMMER, SO UP TO 3 TIMINGS:04/17; PER MFG, THIS AI IS IN REG. REVIEW AT EPA, AND UNTIL THAT REVIEW IS COMPLETE, THERE IS UNCERTAINTY ABOUT EXPANDING USES BEYOND WHAT IS CURRENTLY LABELED:07/17; EPA CAUTION:08/17; EPA CAUTION:09/18; PERFORMANCE PROTOCOL SIGNED AND CATEGORY WILL CHANGE TO E/CS & RESIDUE ON-GOING ONCE MOR PROTOCOL IS SIGNED:02/19

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
			21-WAP03 Walsh, Dr. Doug (repeating ft, no add'l $ needed)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12715	-NONE	A	HOMA	FLUAZINAM (ISK,SYNGEN)	GRAPE	SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT (13-07F)

Reason for Need: RIPE ROT (CAUSED BY COLLETOTRICHUM SPP.); HAS BEEN AN INCREASING DISEASE IN VINEYARDS IN THE MID-ATLANTIC REGION; CONTROL OF RIPE ROT TYPICALLY RELIES ON STROBILURINS, BUT RESISTANCE IN COLLETOTRICHUM HAS BEEN FOUND WIDESPREAD; CAPTAN PROBABLY IS ONE OF THE FEW FUNGICIDES THAT HAS PROVEN TO BE EFFECTIVE AGAINST THE DISEASE IN ADDITION TO QOIs; UNFORTUNATELY IT IS NOT FAVORED CLOSER TO HARVEST FROM WINE PERSPECTIVE; THEREFORE, THE FUNGICIDE CHOICES FOR RIPE ROT MANAGEMENT ARE VERY LIMITED; FLUAZINAM IS LABELED ON BLUEBERRIES FOR ANTHRACNOSE (SAME PATHOGEN THAT CAUSES RIPE ROT ON GRAPES) CONTROL, AND IT ALSO SHOWED GOOD EFFICACY (SIMILAR TO CAPTAN) FOR CONTROL OF STRAWBERRY ANTHRACNOSE FRUIT ROT

Use Pattern: (PCR): USE THE OMEGA 500F PRODUCT; MAKE 2 FOLIAR APPLIC OF 1.25 PT/A, 7-10 DAY INTERVAL, 30-DAY PHI; NO MORE THAN 7.5 PT/A/GROWING SEASON (3.91 LB AI); APPLIC SHOULD CORRESPOND TO PRE-BLOOM, BLOOM, BERRY TOUCH, BUNCH CLOSURE, VERAISON AND PRE-HARVEST (HQ SUGGESTS: A USE PATTERN SIMILAR TO BUSHBERRIES, WITH 6 APPLIC OF 1.25 PT/A [0.65 LB AI/A], 30-DAY PHI)

E/CS Data Requirements: PER MFG 10/29/19: NEED 3 EFFICACY TRIALS, PREFERABLY IN THE MID-ATLANTIC AREA WHERE DISEASE PRESSURE IS CONSISTENT; TEST 1.0 & 1.25 PT PRODUCT/A, APPLIED FROM BLOOM TO BUNCH CLOSURE, MAINTAINING A 21-DAY PHI; EVALUATE DISEASE SEVERITY AND INCIDENCE AT HARVEST & % CONTROL RELATIVE TO THE UTC; RATE PHYTO AFTER EACH APPLIC; NEED 1 MORE TRIAL IN 2021:10/20

E/CS Research Comments: REQUESTOR CONFIRMED THE PRODUCT HAS SHOWN GOOD EFFICACY AGAINST THE SAME PATHOGEN ON STRAWBERRY, AND IT HAS BEEN LABELED ON APPLE FOR CONTROL OF THE SAME PATHOGEN:07/19; PER THE 2020 PERFORMANCE PROTOCOL: TESTING OMEGA 500F AT 0.521 AND 0.65 LB AI/A RATES, COMPARED WITH THE STANDARD CAPTAN; VINEYARD FOR TESTING INCLUDES 5 CULTIVARS (2 HYBRIDS AND 3 VINIFERA VARIETIES); MAKE 4 FOLIAR DIRECTED APPLIC IN 30-100 GPA, WITH 1ST APPLIC AT BLOOM, 2ND APPLIC AT BUNCH CLOSURE, 3RD APPLIC AT VERAISON AND FINAL APPLIC AT A 21-DAY PHI; EVALUATE CROP SAFETY, DISEASE INCIDENCE AND DISEASE SEVERITY; IN 2021 PERFORMANCE PROTOCOL, TESTING SAME USE PATTERN AS IN 2020 PROTOCOL; 1 PERFORMANCE TRIAL IS PLACED IN NORTHEAST REGION: 02/21;

IR-4 Residue Trial Plan: 1-2 10-8 11/12-2, 1 DECLINE TRIAL, 1 PROCESSING TRIAL (RAISINS, JUICE)

Comments: NO KEY EXPORT MARKETS NOTED:04/19; MFG THINKS REQUESTED RATE IS WAY TOO LOW (MAYBE UP TO 1.5 PT/A?); THERE IS A U.S. IMPORT TOLERANCE FOR WINE GRAPES, WITH USE ON GRAPES IN A NUMBER OF OTHER COUNTRIES; IR-4 TO SHARE WITH MFG ANY EFFICACY DATA AVAILABLE FROM THE REQUESTOR, WHICH COULD HELP IN CHANGING PROJECT STATUS TO A RESEARCHABLE CATEGORY:07/19; EPA GREEN:09/19; MFG APPROVED, RESIDUE AND E/CS DATA NEEDED, AT FUW:09/19; BASED ON CHEMSAC APPROVAL OF AN IR-4 PROPOSAL TO USE EXISTING FOREIGN DATA TO SUPPORT A U.S. TOLERANCE, AN IR-4 RESIDUE STUDY IS NOT REQUIRED:05/20; THE STUDY HAS BEEN CANCELLED EFF 5/12/20 AS THE US EPA CONFIRMED THERE IS SUFFICIENT DATA ALREADY IN PLACE FOR A LABELLED USE:05/20

NER-EPA Region-FRD | NCR-EPA Region-FRD | SOR-EPA Region-FRD | WSR-EPA Region-FRD | CANADA-EPA Region-FRD

21-MDP01 Hu, Dr. Mengjun

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12611	-NONE	+	BATTS	QUINCLORAC (ADAMA,ALBAGH)	GRAPE	SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT (13-07F)

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

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

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 1-2 10-8 11 12

Comments: NO EXPORT MARKETS NOTED:08/18; EPA GREEN:09/19; MFG CHANGED FROM UNDER EVAL TO POTENTIAL AT FUW:09/24/19

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD	WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-NJP02	Besancon, Thierry	21-MIP07	Chaudhari, Dr. Sushila		21-CAP14	Hanson, Brad	
21-NYP05	Sosnoskie, Lynn				21-ORP08	Moretti, Marcelo	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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		NCR-EPA Region-FRD		SOR-EPA Region-FRD	WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-MA176	Uppala, Leela	21-WI350	Heider, Daniel J.		21-OR262	Lightle, Dani	
21-NJ225	Freiberger, Tom	21-WI351 (decline)	Heider, Daniel J.				

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13104	-NONE	A	PIKE	SPINOSAD (CORTEVA,SYNGEN)	CORN (SWEET) (SEED TRT)	CEREAL GRAINS AND CEREAL GRAINS FORAGE/FODDER/STRAW GROUPS (15-16)

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 SWEET CORN, SCM DAMAGE FREQUENTLY STUNTS 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) OR CLOTHIANIDIN (PONCHO) 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 NEONICOTINOIDS; 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 FI500 SEED TREATMENT PACKAGE; REGARD IS CURRENTLY THE INDUSTRY STANDARD FOR ONION GROWERS IN THE US; A SIMILAR SHIFT MAY BE 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

E/CS Data Requirements: MFG REQUIRES E/CS DATA:09/20

E/CS Research Comments:

IR-4 Residue Trial Plan: 1 2 3 5-3 10 11 12; NO TRIALS ASSIGNED:10/20

Comments: KEY EXPORT MARKETS NOTED AS EUROPE, ASIA, OTHERS:07/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; HQ SUGGESTS IR-4 CONSIDER COVERING THIS RESIDUE REQUEST WITH A CHEMSAC PROPOSAL/NO-DATA SUBMISSION:09/20; HOWEVER, IR-4 TO GENERATE PERFORMANCE DATA; EPA GREEN:12/20

NER-EPA Region-FRD

21-DEP03 Owens, David
(efficacy & crop safety)
21-NYP08 Taylor, Alan
(seed treatment only)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

21-CAP08 Grettenberger, Dr. Ian
(crop safety only)
21-ORP02 Peachey, Ed
(efficacy & crop safety)

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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 and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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 ANALSIS 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

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: AMVAC REQUIRES: 1) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON RED CLOVER FOLLOWING PREEMERGENT TO 4-TRIFOLIATE APPLIC OF 0.033 LB AI/A; 2) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON RED CLOVER FOLLOWING 4-TRIFOLIATE TO FULLY ESTABLISHED APPLIC OF 0.0665 LB AI/A; 3) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON WHITE CLOVER FOLLOWING 4-TRIFOLIATE TO FULLY ESTABLISHED APPLIC OF 0.0665 LB AI/A; AND 4) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON CRIMSON CLOVER FOLLOWING 4-TRIFOLIATE TO FULLY ESTABLISHED APPLIC OF 0.0665 LB AI/A; SEE 11/20 COMMENT REGARDING NEED FOR 2 CRIMSON CLOVER TRIALS

E/CS Research Comments: E/CS PROTOCOL SIGNED 12/14/20:12/20

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

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13062	-NONE	A	BATTS	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

E/CS Data Requirements: AMVAC REQUIRES: 1) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON RED CLOVER FOLLOWING PREEMERGENT TO 4-TRIFOLIATE APPLIC OF 0.033 LB AI/A; 2) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON RED CLOVER FOLLOWING 4-TRIFOLIATE TO FULLY ESTABLISHED APPLIC OF 0.0665 LB AI/A; 3) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON WHITE CLOVER FOLLOWING 4-TRIFOLIATE TO FULLY ESTABLISHED APPLIC OF 0.0665 LB AI/A; AND 4) TWO ADDITIONAL CROP TOLERANCE OBSERVATIONS ON CRIMSON CLOVER FOLLOWING 4-TRIFOLIATE TO FULLY ESTABLISHED APPLIC OF 0.0665 LB AI/A; SEE 11/20 COMMENT REGARDING NEED FOR 2 CRIMSON CLOVER TRIALS

E/CS Research Comments: E/CS PROTOCOL SIGNED 12/14/20:12/20

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-ORP03 Brunharo, Caio

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P10974	-NONE	+	BATTS	LINURON (TKI)	CARINATA (BRASSICA CARINATA)	RAPESEED SUBGROUP (20A)

Reason for Need: SEE IF BRASSICA CAN BE PLANTED IN THE FALL AFTER USE IN SUMMER APPLIC THE SAME YEAR (CURRENTLY 16-18 MONTH PLANT-BACK RESTRICTION); PER NC ME-TOO REQUEST: RESEARCH IN NC HAS SHOWN HIGH SENSITIVITY OF BRASSICA CARINATA TO PSII INHIBITORS; ROTATIONAL CROP RESTRICTIONS TO PROPERLY DESIGN CROP ROTATIONS IN THE SOUTHEASTERN US, WHERE CARINATA WILL BE GROWN AS A WINTER CROP

Use Pattern: (PCR): 1-2 LB/A; 1 SOIL APPLIC OF LOROX DF

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan:

Comments: IS NOT CURRENTLY LABELED ON CANOLA; REQUEST IS TO REDUCE ROTATIONAL CROP RESTRICTION ON THE CURRENT LABEL:06/12; MFG OK:02/13: POTENTIAL CHANGED TO E/CS DATA ON-GOING:12/20

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
		21-FLP09 Devkota, Pratap		
		21-NCP04 Leon, Ramon G		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12867	-NONE	A	BATTS	S-METOLACHLOR/METOLACHLOR (SYNGEN,UPL NA)	GOLD-OF-PLEASURE (CAMELINA)	RAPESEED SUBGROUP (20A)

Reason for Need: GRASS AND SOME BROADLEAF WEEDS (WILL NOT CONTROL EMERGED 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 BROADCAST APPLIC OF 2 PT/A TO THE SOIL; APPLY IN SPRING, BUT NO LATER THAN EARLY BOLTING; RAIN IS REQUIRED TO INCORPORATE THE PRODUCT

E/CS Data Requirements: NEED A TRIAL IN MT IN 2021:10/20

E/CS Research Comments: PER 2020 PERFORMANCE PROTOCOL: TESTING 3 RATES OF DUAL MAGNUM (0.95, 1.90, 3.81 LB AI/A); MAKE 1 PRE-EMERGENCE BROADCAST APPLIC OF EACH TREATMENT, IN 10-40 GPA, AFTER SEEDING AND BEFORE CROP OR WEEDS EMERGE; TO ACTIVATE HERBICIDE, AT LEAST 0.5 INCH OF WATER (RAIN AND/OR IRRIGATION) IS NEEDED WITHIN 7 DAYS AFTER APPLIC; EVALUATE CROP INJURY, WEED CONTROL AND CROP DEVELOPMENT AND YIELD; IN THE SD TRIAL, FOLLOW THE SAME PROTOCOL AND MAKE THE SAME EVALUATIONS, EXCEPT INCLUDE A SECOND APPLIC OF EACH TREATMENT, POSTEMERGENCE TO THE ESTABLISHED CROP JUST BEFORE FLOWER STALK ELONGATION (BOLTING)

IR-4 Residue Trial Plan: ANY 4 TRIALS WHERE THE CROP IS GROWN

Comments: DATA MINING REPORTS FROM XH504 COPIED TO THIS PR#; NO KEY EXPORT MARKET NOTED; CROP REQUESTED WAS WINTER CAMELINA:08/19; MFG MADE RESEARCHABLE:09/17/19; EPA GREEN:12/19; THIS STUDY IS IN THE PROCESS OF BEING CANCELLED AND AN 4 ADDITIONAL FT'S WILL BE CONDUCTED UNDER NEWLY CREATED PR# 13177:10/20

NER-EPA Region-FRD | **NCR-EPA Region-FRD** | **SOR-EPA Region-FRD** | **WSR-EPA Region-FRD** | **CANADA-EPA Region-FRD**

21-MTP01 Miller, Dr Zach

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

21-SD302 Reicks, Graig
(region 7)

SOR-EPA Region-FRD

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

WSR-EPA Region-FRD

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13120	-NONE	A	BATTS	GLUFOSINATE (BASF,UPL NA)	SAFFLOWER	SUNFLOWER SUBGROUP (20B)

Reason for Need: 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): 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)

E/CS Data Requirements: BASF REQUIRES NO EFFICACY TRIALS, BUT REQUIRES AT LEAST 3 CROP SAFETY TRIALS TO GENERATE REQUIRED DATA TO SUPPORT CA REGISTRATION (BASF WILL COST SHARE [50%] FOR THE CROP SAFETY TRIALS); ALSO, BASF REQUESTS SEED SAMPLES (AT LEAST 2 COMMONLY GROWN VARIETIES) TO CONDUCT LEVEL OF TOLERANCE WORK IN THEIR GREENHOUSES

E/CS Research Comments:

IR-4 Residue Trial Plan: 5-2 7-3 8, 1 PROCESSING TRIAL (MEAL, REFINED OIL) - THESE ARE TRIAL NEEDS FOR SUNFLOWER. THE SUBGROUP REP CROP

Comments: 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 DOING RESIDUE WORK ON SUNFLOWER AS THE REP CROP FOR SUBGROUP 20B, AND CONSIDER TRIAL SITES IN CANADA IF PMC HAS INTEREST IN A JOINT PROJECT:08/20; THIS WAS GIVEN AN "A" PRIORITY AT THE 2020 FUW, BUT IT WAS DECIDED THE RESIDUE STUDY WILL BE DONE UNDER SUNFLOWER, FOR WHICH A NEW PR# 13178 WAS CREATED:10/20: RESEARCHABLE, RESIDUE & E/CS DATA NEEDED CHANGED TO E/CS ON-GOING:12/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

21-CAP11	Hanson, Brad
21-CAP12	Hanson, Brad
21-CAP13	Hanson, Brad

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12668	-NONE	A	PIKE	ACETAMIPRID (NISSO,UPL NA)	SUNFLOWER	SUNFLOWER SUBGROUP (20B)

Reason for Need: RED SUNFLOWER WEEVIL; POSSIBLE RESISTANCE TO PYRETHROIDS

Use Pattern: (PCR): USE THE ASSAIL PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.1 LB AI/A IN A MINIMUM 5 GPA BY GROUND, 28-DAY PHI (NO INTERVAL BETWEEN APPLIC PROVIDED); HQ RECOMMENDS: 0.18 LB AI/A, 4 APPLIC, 7-14 DAY INTERVAL, 14-DAY PHI

E/CS Data Requirements: NEED TO DO PERFORMANCE WORK ON SAFFLOWER (12032) AT THE SAME TIME AS ON SUNFLOWER, IN ORDER TO PUT SAFFLOWER ON THE LABEL, TOO:06/19; MFG REQUESTS 2 EFFICACY TRIALS:11/19

E/CS Research Comments: IN THE 2020 PERFORMANCE PROTOCOL: TEST THE ASSAIL 30 SG PRODUCT AT 0.09 AND 0.18 LB AI/A RATES, FOLIAR APPLIC, VS A STANDARD, APPLIED IN 20-50 GPA; MAKE UP TO 3 APPLIC, AT NO LESS THAN A 7-DAY INTERVAL, BEGINNING WHEN THE PEST TARGET IS PRESENT (RED SUNFLOWER WEEVIL); DON'T WAIT FOR A DAMAGING POPULATION TO OCCUR BEFORE FIRST APPLIC; COLLECT DATA ON PEST EFFICACY AND CROP SAFETY; YIELD DATA ARE OPTIONAL (IN 2021 PERFORMANCE PROTOCOL, TESTING SAME USE PATTERN AS IN 2020 PROTOCOL)

IR-4 Residue Trial Plan: 5-3 7-4 8; PROCESSING TRIAL (5X, FOR MEAL & REFINED OIL); DECLINE TRIAL

Comments: NO EXPORT MARKETS NOTED; WEEVILS ARE USUALLY DIFFICULT TO CONTROL, AND A HIGHER RATE THAN REQUESTED MIGHT BE NEEDED; CAN COVER TOLERANCE FOR SUBGROUP 20B COMMODITIES, INCLUDING THE USE REQUESTED FOR SAFFLOWER (PR# 12032, WHICH INCLUDES A 28-DAY PHI):01/19; MFG SUPPORTS, RESIDUE AND PERFORMANCE DATA NEEDED:02/19; EPA CAUTION:07/19

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
	21-SDP01 Reicks, Graig			
	21-SDP02 Reicks, Graig			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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)

E/CS Data Requirements:

E/CS Research Comments:

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

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)

SOR-EPA Region-FRD

WSR-EPA Region-FRD

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13026	-NONE	+	BATTS	INDAZIFLAM (BAYER)	ASPARAGUS	STALK AND STEM VEGETABLE SUBGROUP (22A)

Reason for Need: COPIED FROM PR# 11429; ANNUAL WEEDS; DIFFERENT MODE OF ACTION TO AVOID WEED RESISTANCE; CONTROL OF RESISTANT BROADLEAVES; HQ CREATED THIS NEW PR# TO ALLOW FOR RE-PRIORITIZING THIS NEED WITH A REVISED USE PATTERN COMPARED WITH PR# 11429:07/20

Use Pattern: (PCR): FROM PR# 11429: 0.065-0.085 LB AI/A OF ALION PRODUCT; ONE PREEMERGENCE (TO THE CROP) APPLIC PER YEAR; 7-DAY PHI; APPLY TO CLEAN SOIL BEFORE ASPARAGUS EMERGES IN THE SPRING; BUT THIS PRE-EMERGE USE PATTERN IS NOT SUPPORTED DUE TO PHYTO CONCERNS; REVISED USE PATTERN IS FOR A 30-DAY PHI OR POST HARVEST APPLIC

E/CS Data Requirements: BAYER INDICATES THE NEED FOR E/CS TRIALS CONDUCTED AT A 2X SAFETY FACTOR AND FOR 3 CONSECUTIVE YEARS:06/20

E/CS Research Comments:

IR-4 Residue Trial Plan: 2 5-2 10-3 11-2

Comments: SEE E/CS DATA REQUIREMENTS FOR NEW BAYER ASSESSMENT; STATUS CHANGED TO POTENTIAL:06/20; RELATED PR# 11429, SUBMITTED 2/23/14, WAS AN "A" PRIORITY IN 2015 AND RESIDUE STUDY WAS CANCELED IN 2020 BASED ON PHYTOTOXICITY; ADDITIONAL CROP SAFETY TRIALS WITH LONGER PHI APPEAR PROMISING; REVISED USE PATTERN IS FOR 30 DAY PHI OR POST HARVEST APPLIC; THIS PR# WAS CREATED TO ALLOW CONSIDERATION OF A NEW STUDY TO SUPPORT A USE PATTERN THAT IS SAFE:07/20; CATEGORY OF POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE CHANGED TO E/CS DATA ON-GOING:02/21

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD	WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-NJP03	Besancon, Thierry	21-MIP08	Chaudhari, Dr. Sushila		21-CAP16	Hanson, Brad	
					21-ORP07	Peachey, Ed	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13049	-NONE	+	BATTS	GLUFOSINATE (BASF,UPL NA)	CARAMBOLA (STARFRUIT)	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B)

Reason for Need: PARTHENIUM WEEDS PRIMARILY, OTHERS TOO; GLYPHOSATE DOES NOT CONTROL PARTHENIUM

Use Pattern: (PCR): USE THE RELY PRODUCT; MAKE 5 WEED-GROUND DIRECTED APPLIC OF 48-83 FL OZ PRODUCT/A; 15-60 DAY INTERVAL, 1-DAY PHI; MAKE WEED DIRECTED APPLIC WHEN WEEDS ARE SMALL (<12" TALL); DON'T ALOW TO DRIFT TO CROP PLANTS

E/CS Data Requirements: NO EFFICACY DATA NEEDED, BUT CROP SAFETY DATA IS NEEDED; BASF REQUIRES 2 MULTI-YEAR CROP SAFETY TRIALS IN FL (SEPARATE SITES ON DIFFERENT SOILS IF APPLICABLE, BUT SAME TREES IN YEAR 1 AND 2) WITH MULTIPLE APPLIC AT EXAGGERATED USE RATES:08/20

E/CS Research Comments:

IR-4 Residue Trial Plan:

Comments: NO KEY EXPORT MARKET NOTED:06/20; BASF SUPPORTS THIS USE, RESIDUE AND E/CS (CROP SAFETY ONLY) DATA NEEDED:08/20; BASF CONFIRMED THAT ONLY E/CS DATA ARE NEEDED (ONLY CROP SAFETY), AS THE FIG AND QUAVA SUBMISSIONS WILL COVER CARAMBOLA WITH A SUBGROUP 23B TOLERANCE (RESIDUE STUDY GAPS WERE THE SAME):09/20

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
		21-FLP10 Crane, Dr. Jonathan H. (newly established trees) 21-FLP14 Crane, Dr. Jonathan H. (young, bearing trees)		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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 $$S: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 and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12898	-NONE	A	AXTELL	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

E/CS Data Requirements:

E/CS Research Comments:

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 $$S:09/20

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
			21-CAP19 (CDFA $) Wilson, PhD, Houston	
			21-CAP20 (CDFA $) Wilson, PhD, Houston	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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):

E/CS Data Requirements:

E/CS Research Comments:

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

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: MFG REQUESTS 3-5 GOOD EFFICACY TRIALS TO REGISTER THIS USE, INCLUDING DATA FROM AT LEAST 1 CA TRIAL:12/20

E/CS Research Comments:

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

21-FL132	Tannenbaum, Rebecca
21-FL133	Tannenbaum, Rebecca
21-PR284	Robles Vazquez, W.

WSR-EPA Region-FRD

21-CA42	Leach, Nathan
21-CA43	Ennes, D. (Kearney)
21-CA44 (decline)	Leach, Nathan

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13075	-NONE	A	HOMA	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

E/CS Data Requirements: MFG REQUESTS 3-5 GOOD EFFICACY TRIALS TO REGISTER THIS USE, INCLUDING DATA FROM AT LEAST 1 CA TRIAL:12/20

E/CS Research Comments:

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-FLP05 Gazis, Dr. Romina

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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)

E/CS Data Requirements: BASF REQUESTS IR-4 HELP TO COORDINATE OBTAINING AND SHIPMENT OF YOUNG (<=1 YR OLD) NON-BEARING TREES IN-LINERS (OR BARE ROOT DORMANT SEEDLINGS) TO BASF FOR LEVEL OFCROP TOLERANCE WORK IN THEIR GREENHOUSE:08/20

E/CS Research Comments: NO EFFICACY DATA REQUIRED, BUT BASF ENCOURAGES FURTHER EVALUATION BY UC-DAVIS ON HOW OUTLOOK CAN BE USED MOST EFFECTIVELY FOR YELLOW NUTSEDGE CONTROL; NO FURTHER CROP SAFETY TESTING IS NEEDED BY IR-4 (BASF UNDERSTANDS WONDERFUL ORCHARDS WILL CONTINUE THEIR MULTI-YEAR, EXAGGERATED RATE RESEARCH):08/20

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	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

21-PR279	Robles Vazquez, W.
21-PR280	Robles Vazquez, W.
21-PR277 (decline)	Robles Vazquez, W.
21-PR278	Robles Vazquez, W.

WSR-EPA Region-FRD

21-HI153 (processing)	Coughlin, Julie no add'l $ is needed for pro
21-HI154	Coughlin, Julie
21-HI155	Coughlin, Julie
21-HI156	Coughlin, Julie

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

21-FL129	Tannenbaum, Rebecca
21-FL130	Tannenbaum, Rebecca
21-PR283	Robles Vazquez, W.

WSR-EPA Region-FRD

21-HI158	Kam, James
21-HI159	Kam, James

(30 day differentiation)

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

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

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

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

E/CS Data Requirements:

E/CS Research Comments:

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-FLP06 Carrillo, D.		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

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

WSR-EPA Region-FRD

21-HI157	Kam, James

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13046	-NONE	A	HOMA	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

E/CS Data Requirements:

E/CS Research Comments:

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-FLP07 Crane, Dr. Jonathan H.

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: NEED 1 MORE E/CS TRIAL IN 2021:10/20

E/CS Research Comments: IN 2020 PERFORMANCE PROTOCOL: TESTING 0.375 AND 0.75 LB AI/A RATES OF ULTRA BLAZER, VS A COMMERCIAL STANDARD, IN 10-40 GPA, APPLIED BROADCAST TO THE SOIL SURFACE AFTER SEEDING OF BASIL BUT BEFORE CROP EMERGENCE; EVALUATING CROP SAFETY, WEED CONTROL AND CROP YIELD/GRADE

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

21-OH*246 Horst, Leona

SOR-EPA Region-FRD

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)

WSR-EPA Region-FRD

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12791	-NONE	A	BATTS	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

E/CS Data Requirements: NEED 1 MORE E/CS TRIAL IN 2021:10/20

E/CS Research Comments: IN 2020 PERFORMANCE PROTOCOL: TESTING 0.375 AND 0.75 LB AI/A RATES OF ULTRA BLAZER, VS A COMMERCIAL STANDARD, IN 10-40 GPA, APPLIED BROADCAST TO THE SOIL SURFACE AFTER SEEDING OF BASIL BUT BEFORE CROP EMERGENCE; EVALUATING CROP SAFETY, WEED CONTROL AND CROP YIELD/GRADE

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-FLP01 Dittmar, Dr. Peter	21-CAP03 Wang, Zheng (no $)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
13067	21-CAR17	A	MOORE,P	FLUOXAPIPROLIN (BAYER)	BASIL	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

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

E/CS Data Requirements:

E/CS Research Comments: TRIALS CARRIED OUT IN 2021 IN NY AND FL ON SWEET BASIL: 03/21

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

21-OH*249	Horst, Leona

SOR-EPA Region-FRD

21-FL131	Thomas, Darrell
21-SC*297	Wade, Paul

WSR-EPA Region-FRD

21-CA*41	Benzen, Ms. Sharon D.
21-WA*344	Larson, Duane

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13067	-NONE	A	HOMA	FLUOXAPIPROLIN (BAYER)	BASIL	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

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

E/CS Data Requirements:

E/CS Research Comments: TRIALS CARRIED OUT IN 2021 IN NY AND FL ON SWEET BASIL: 03/21

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-NYP06	McGrath, Dr. Margaret		21-FLP16	Raid, Dr. Richard		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12843	-NONE	+	BATTS	PYRIDATE (BELCHIM)	BASIL	HERB FRESH AND DRIED LEAVES SUBGROUP (25AB)

Reason for Need: WEEDS; NO POSTEMERGENCE HERBICIDE LABELED FOR CONTROLLING PIGWEEDS AND COMMON LAMBSQUARTERS; CURRENT LABELED PREEMERGENCE DO NOT PROVIDE SUFFICIENT CONTROL OF REDROOT/SMOOTH PIGWEED; PER CA ME-TOO REQUEST, THERE ARE HORRIBLE WEED PROBLEMS IN THEIR BASIL FIELDS

Use Pattern: (PCR): USE TOUGH HERBICIDE; MAKE ONE FOLIAR POSTEMERGENCE APPLIC OF 0.94 LB AI/A, 45-DAY PHI; SEE MINT DIRECTIONS ON TOUGH HERBICIDE SEC. 18 LABEL; FOR BEST EFFICACY, PIGWEEDS SHOULD BE 3 INCHES OR LESS IN HEIGHT AT TIME OF APPLIC

E/CS Data Requirements:

E/CS Research Comments:

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

Comments: NO EXPORT MARKETS NOTED; MFG SUPPORTS, RESIDUE AND CROP SAFETY DATA NEEDED:08/19; EPA CAUTION:08/20; MFG CONFIRMED THE STATUS SHOULD BE CHANGED TO "POTENTIAL", SO THE 2020 FUW "A" PRIORITY WAS REMOVED DURING THE NRPM AND WILL REMAIN A PERFORMANCE STUDY ONLY AT THIS TIME:10/20; POTENTIAL CHANGED TO E/CS ON-GOING:12/20

NER-EPA Region-FRD		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-NJP01	Besancon, Thierry	21-MIP11	Chaudhari, Dr. Sushila	21-FLP15	Dittmar, Dr. Peter	21-CAP09	Wang, Zheng	
						21-CAP10	Wang, Zheng	
						21-CAP18	Wang, Zheng	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-NJ235	Fisher, Jennifer	21-WI365	Chapman, Scott	21-FL140 (Reg 3)	Long, Michael	21-HI160	Kam, James	
				21-TX318	Arias, Miguel			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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)

E/CS Data Requirements:

E/CS Research Comments:

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		NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD		CANADA-EPA Region-FRD
21-NJ226	Fisher, Jennifer	21-OH*243	Horst, Leona	21-FL106	Long, Michael	21-CA331	Leach, Nathan	
		21-WI353	Chapman, Scott					

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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, SHARPPOINT 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

E/CS Data Requirements: MFG REQUESTS PREFERABLY 2 MORE CROP SAFETY TRIALS WITH SHARPEN APPLIED TO MINT IN DORMANCY AT 2, 4 AND 6 FL OZ/A (1X, 2X, 3X); MFG REVISION 09/17: NEED MINIMUM 6 TRIALS, DONE OVER 2 YRS, WITH SHARPEN APPLIED AT 2, 4, 6, FL OZ/A (0/1X/2X/3X) PLUS LABELED ADDITIVE (FOR OPTIONAL BURNDOWN) TO MINT IN WINTER DORMANCY; DATA IS PREFERRED ON BOTH SPEARMINT AND PEPPERMINT; SEPARATE FULL PROGRAM IS NEEDED FOR MINT GROWERS IN THE GREAT LAKES REGION:09/17; AFTER REVIEW OF MRC 2018 CROP SAFETY DATA, MFG SUGGESTS A REPEAT OF THE 2018 MRC PROGRAM IN SCOPE AND SIZE TO PROVIDE FURTHER CROP SAFETY DATA ON MINT; USE PATTERN MUST BE DORMANT APPLIC OF A MAX 0.044 LB AI/A:09/11/19; BASF REQUIRES NO EFFICACY DATA; BASF ENCOURAGES FURTHER CROP SAFETY WORK IN THE PNW REGION TO FINE-TUNE THE USE PATTERN AND BETTER UNDERSTAND POTENTIAL CROP RESPONSE; BASF ALSO REQUIRES 3-5 CROP SAFETY TRIALS (CAN BE SPREAD OVER 2 YR) IN THE MIDWEST/GREAT LAKES REGION TO DEVELOP A SAFE USE PATTERN (SUPPORT IN THIS REGION IS CONTINGENT ON RESULTS OF THESE TRIALS):09/20

E/CS Research Comments: REGARDLESS OF THE REGION, BASF WILL REQUIRE A STRONG DISCLAIMER ON THE LABEL TO ALERT THE USER ABOUT POTENTIAL FOR CROP INJURY/IMPACT ON YIELD:09/20; MINT INDUSTRY RESEARCH COUNCIL MAY HAVE SUFFICIENT TRIAL DATA THAT NEGATE THE NEED FOR IR-4 FUNDED TRIALS IN 2021:11/20; E/CS PROTOCOL SIGNED 12/14/20:12/20

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-ID161	Meeks, Mr. Will	
	21-OH*242	Horst, Leona		21-WA*329 (processing)	Larson, Duane	
	21-WI352 (processing)	Heider, Daniel J.		21-WA330	Peng, Wilson	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11921	-NONE	A	BATTS	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, SHARPPOINT 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

E/CS Data Requirements: MFG REQUESTS PREFERABLY 2 MORE CROP SAFETY TRIALS WITH SHARPEN APPLIED TO MINT IN DORMANCY AT 2, 4 AND 6 FL OZ/A (1X, 2X, 3X); MFG REVISION 09/17: NEED MINIMUM 6 TRIALS, DONE OVER 2 YRS, WITH SHARPEN APPLIED AT 2, 4, 6, FL OZ/A (0/1X/2X/3X) PLUS LABELED ADDITIVE (FOR OPTIONAL BURNDOWN) TO MINT IN WINTER DORMANCY; DATA IS PREFERRED ON BOTH SPEARMINT AND PEPPERMINT; SEPARATE FULL PROGRAM IS NEEDED FOR MINT GROWERS IN THE GREAT LAKES REGION:09/17; AFTER REVIEW OF MRC 2018 CROP SAFETY DATA, MFG SUGGESTS A REPEAT OF THE 2018 MRC PROGRAM IN SCOPE AND SIZE TO PROVIDE FURTHER CROP SAFETY DATA ON MINT; USE PATTERN MUST BE DORMANT APPLIC OF A MAX 0.044 LB AI/A:09/11/19; BASF REQUIRES NO EFFICACY DATA; BASF ENCOURAGES FURTHER CROP SAFETY WORK IN THE PNW REGION TO FINE-TUNE THE USE PATTERN AND BETTER UNDERSTAND POTENTIAL CROP RESPONSE; BASF ALSO REQUIRES 3-5 CROP SAFETY TRIALS (CAN BE SPREAD OVER 2 YR) IN THE MIDWEST/GREAT LAKES REGION TO DEVELOP A SAFE USE PATTERN (SUPPORT IN THIS REGION IS CONTINGENT ON RESULTS OF THESE TRIALS):09/20

E/CS Research Comments: REGARDLESS OF THE REGION, BASF WILL REQUIRE A STRONG DISCLAIMER ON THE LABEL TO ALERT THE USER ABOUT POTENTIAL FOR CROP INJURY/IMPACT ON YIELD:09/20; MINT INDUSTRY RESEARCH COUNCIL MAY HAVE SUFFICIENT TRIAL DATA THAT NEGATE THE NEED FOR IR-4 FUNDED TRIALS IN 2021:11/20; E/CS PROTOCOL SIGNED 12/14/20:12/20

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-WIP02 Heider, Daniel J. 21-INP01 Meyers, Stephen L 21-INP02 Meyers, Stephen L			

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments:

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

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)

WSR-EPA Region-FRD

21-CA*18 Benzen, Ms. Sharon D.

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: SYNGENTA AGREES THAT AVAILABLE DATA SHOW USE DURING DORMANCY TO BE SAFE TO THE CROP, AND NO ADDITIONAL PERFORMANCE DATA ARE NEEDED:05/20

E/CS Research Comments:

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 (Region 2) 21-NC212 Welker, Rob (Region 2) 21-SC213 Welker, Rob (Region 2)- (FT ID# needs state code cha	21-CA17 Ennes, D. (Kearney)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P8690	-NONE	A	BATTS	QUIZALOFOP (AMVAC,GOWAN)	DILL (DRIED LEAVES)	HERB DRIED LEAVES SUBGROUP (25B)

Reason for Need: GRASSY WEEDS

Use Pattern: (PCR): 0.48 LB AI/A; POST EMERGENT; USE NON-IONIC SURFACTANT (THE PCR USE RATE SHOWN HERE LIKELY WAS INTENDED TO BE 0.048 LB AI/A, NOT 0.48 LB AI/A)

E/CS Data Requirements: 3-4 TRIALS; DIFFERENT LOCATION, AT LEAST 2X MAYBE 4X; NEED 2 MORE E/CS TRIALS IN 2021

E/CS Research Comments: PER THE 2020 PERFORMANCE PROTOCOL: TEST THE ASSURE II PRODUCT, APPLIED ONCE POSTEMERGENCE IN 10-40 GPA, INCLUDING A NON-IONIC SURFACTANT AT 0.25 % V/V, WHEN GRASS WEEDS ARE NO MORE THAN 4 INCHES IN SIZE; TEST 0.048, 0.096 AND 0.193 LB AI/A RATES; EVALUATE CROP SAFETY AND WEED CONTROL (CROP YIELD DATA ARE OPTIONAL)

IR-4 Residue Trial Plan: ANY 4 TRIALS, 1 DECLINE TRIAL (ALL TRIALS: SEED, FRESH AND DRIED LEAVES), OIL (2 TRIALS ONLY), DETERMINED NO DECLINE FIELD TRIAL NEEDED:05/20

Comments: MFG REQUIRES CROP SAFETY DATA PRIOR TO RESIDUE TRIALS:06/05; MFG CHANGED TO RESIDUE AND E/CS:06/19; EPA GREEN:09/19

NER-EPA Region-FRD	NCR-EPA Region-FRD		SOR-EPA Region-FRD		WSR-EPA Region-FRD	CANADA-EPA Region-FRD
	21-MIP02	Chaudhari, Dr. Sushila	21-FLP02	Dittmar, Dr. Peter		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: MFG INDICATES IF MITE(S) OF INTEREST ARE NOT ON THE CURRENT AGRI-MEK LABEL, NEED DATA:05/19

E/CS Research Comments:

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		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12596	-NONE	+	HOMA	COPPER HYDROXIDE (AGTROL,DREXEL,GOWAN)	MIRACLE FRUIT	SPICES CROP GROUP (26)

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

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

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan:

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

NER-EPA Region-FRD **NCR-EPA Region-FRD** **SOR-EPA Region-FRD** **WSR-EPA Region-FRD** **CANADA-EPA Region-FRD**

21-FLP11 Crane, Dr. Jonathan H.

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12868	21-YAR05	A	MOORE,P	S-METOLACHLOR/METOLACHLOR (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

E/CS Data Requirements:

E/CS Research Comments:

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-CA22	Kyser, Guy	
	21-SD301	Reicks, Graig		21-ID166	Meeks, Mr. Will	
				21-ID167	Meeks, Mr. Will	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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"

E/CS Data Requirements:

E/CS Research Comments:

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)	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements:

E/CS Research Comments: 4 TRIALS BEING CARRIED OUT IN 2021 (1 GH TRIAL IN TN BY Z. HANSEN; 3 TRIALS [1 GH] IN KY BY N GAUTHIER): 3/21

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 and Efficacy/Crop Safety (E/CS)

(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 and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13007	-NONE	A	HOMA	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

E/CS Data Requirements:

E/CS Research Comments: 4 TRIALS BEING CARRIED OUT IN 2021 (1 GH TRIAL IN TN BY Z. HANSEN; 3 TRIALS [1 GH] IN KY BY N GAUTHIER): 3/21

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

21-KYP01 Gauthier, Nicole
(field)
21-TNP01 Hansen, Zach
(gh)
21-KYP02 Gauthier, Nicole
(field)(added ft, no $)
21-KYP03 Gauthier, Nicole
(gh)(added ft, no $)

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: MFG MAY CONDUCT SOME EFFICACY AND/OR CROP SAFETY RESEARCH

E/CS Research Comments:

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

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

SOR-EPA Region-FRD

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

WSR-EPA Region-FRD

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

CANADA-EPA Region-FRD

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13203	-NONE	H	HOMA	FLUOXAPIPROLIN (BAYER)	HOPS	MISC GROUP (99)

Reason for Need: FLUOXAPIPROLIN IS REPORTED TO BE HIGHLY EFFECTIVE AGAINST HOP DOWNY MILDEW. RESISTANCE IS KNOWN IN THE HOP DOWNY MILDEW PATHOGEN TO GROUP P 07 (33) AND GROUP 4; RESISTANCE TO NUMEROUS OTHER FUNGICIDES ARE REPORTED IN CLOSELY RELATED DOWNY MILDEW PATHOGENS. THEREFORE, USE OF FLUOXAPIPROLIN WILL ENSURE DISEASE MANAGEMENT PROGRAMS ARE BOTH EFFECTIVE AND SUSTAINABLE.

Use Pattern: (PCR): 15 OR 20 GRAMS/HA (6.07 GRAMS/ACRE OR 8.09 GRAMS/ACRE), 2 FOLIAR APPLICATIONS, 14 DAY INTERVAL, 24-DAY OR 28 DAY PHI: 2/21

E/CS Data Requirements:

E/CS Research Comments: TRIAL CARRIED OUT IN 2021 BY D. GENT IN OR ON HOPS: 03/21

IR-4 Residue Trial Plan:

Comments: US WOULD REQUIRE AT LEAST 1 EFFICACY TRIAL:02/21; EXPORT MARKET- EU, JAPAN, S. KOREA, CHINA, MEXICO, S. AMERICA, AUSTRALIA; STUDY ADDED TO E/CS TENTATIVE SCHEDULE BASED ON E-MAIL REC'D 02/17/21:02/21; CATEGORY OF RESEARCHABLE, RESIDUE & E/CS DATA NEEDED CHANGED TO E/CS DATA ONGOING:02/21; STATUS CHANGED FROM "BLANK" TO "H" SINCE IT WAS ADDED AS A 2021 STUDY:04/21

NER-EPA Region-FRD	NCR-EPA Region-FRD	SOR-EPA Region-FRD	WSR-EPA Region-FRD	CANADA-EPA Region-FRD
			21-ORP09 Gent, D. H.	

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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)

E/CS Data Requirements:

E/CS Research Comments: MFG IS DISCUSSING EFFICACY NEEDS WITH THE HOPS COMMISSION:08/19; MFG INDICATES HOPS COMMISSION DATA AND EFFICACY RESULTS FROM CANADA SUFFICIENTLY SATISFY EFFICACY DATA NEEDS:08/20

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

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

CANADA-EPA Region-FRD

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

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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

E/CS Data Requirements: BASF REQUIRES 4-6 TRIALS (CAN BE SPREAD OVER 2 YEARS) TO DETERMINE WIREWORM EFFICACY AND CROP SAFETY FROM BOTH APPLIC TECHNIQUES, WHICH BOTH CAN BE INCLUDED IN THE SAME TRIALS

E/CS Research Comments:

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 and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P13167	-NONE	A	AXTELL	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

E/CS Data Requirements: BASF REQUIRES 4-6 TRIALS (CAN BE SPREAD OVER 2 YEARS) TO DETERMINE WIREWORM EFFICACY AND CROP SAFETY FROM BOTH APPLIC TECHNIQUES, WHICH BOTH CAN BE INCLUDED IN THE SAME TRIALS

E/CS Research Comments:

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-FLP12 Beuzelin, Julien		
		21-LAP01 Wilson, Blake E		

2021 Tentative/Scheduled Studies
Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
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 INFESTATATIONS 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)

E/CS Data Requirements:

E/CS Research Comments:

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 and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 7/20/2021

	NER	NCR	SOR	WSR	CANADA
ARS Total:		17	18	16	
Region Total:	47	68	122	175	10
Total:	47	85	140	191	10

Grand Trial Total:	**473**

Total # of PRs:	**90**
Total # Chemical:	**56**
Total # Commodity:	**68**