



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12425	-NONE	+	HOMA	FLUOPYRAM (BAYER)	CARROT	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: NORTHERN ROOT LESION NEMATODE (PRATYLENCHUS PENETRANS), NORTHERN ROOT KNOT NEMATODE (MELOIDOGYNE INCOGNITA VAR. INC.)

Use Pattern: (PCR): USE THE VELUM PRODUCT; MAKE 1 PREPLANT SOIL, IN-FURROW APPLIC OF 6.84 FL OZ/A, OR 1 SEED TRT APPLIC; IF RESIDUE WORK IS APPROVED, MFG SUGGESTS SIDE BY SIDE SOIL AND FOLIAR APPLIC; IF REQUESTOR NEEDS SEED TREATMENT, BASF MUST BE CONTACTED:09/18

E/CS Data Requirements: PER 9/18/18 EMAIL, MFG REQUIRES NEW EFFICACY DATA FROM USE OF TYPICAL COMMERCIAL APPLIC METHODS (MOST EXISTING DATA INVOLVES ROTO-TILLING, WHICH IS NOT A TYPICAL COMMERCIAL PRACTICE); BASED ON RESULTS, SUPPORT FOR RESIDUE WORK WILL BE DETERMINED:09/18; MFG FURTHER INDICATED E/CS NEEDS: CONDUCT 3-4 TRIALS, MIN 2 IN CA, ALSO COULD BE WA, MI; EVALUATE CROP DAMAGE (% GALLING AT HARVEST OR USE APPROPRIATE RATING SCALE), AND YIELD (FRESH WEIGHT/AREA); FOR CROP SAFETY EVALUATE EMERGENCE AND % PHYTO, DESCRIBING SYMPTOMS IF PRESENT:10/18

E/CS Research Comments: PER 2019 PERFORMANCE PROTOCOL: TESTING VELUM PRIME PRE-PLANT IN-FURROW, VS NIMITZ BROADCAST OR BANDED INCORPORATED, VS VARIOUS SEED TREATMENT COMBINATIONS OF VELUM PRIME AND ILeVO WITH OTHER PRODUCTS, VS SEED TREATMENT COMBINATIONS OF STANDARDS (SEE PROTOCOL FOR DETAILED RATES, APPLIC INSTRUCTIONS, ETC.); EVALUATE CROP PHYTO, PLANT STAND AND VIGOR, YIELD AND CROP DAMAGE FROM ROOT GALLING, AND CROP QUALITY AT HARVEST; PER 2020 PERFORMANCE PROTOCOL: TESTING IN SIMILAR MANNER AS IN 2019 - SEE PROTOCOL FOR EXTENSIVE TREATMENT AND ASSESSMENT DETAILS

Comments: EFFECTIVE NEMATICIDES ARE IMPORTANT TO GROWERS, BUT FUMIGATION IS BECOMING MORE DIFFICULT AS SOME PRODUCTS ARE NO LONGER AVAILABLE; THERE IS CURRENTLY A SUBGROUP 1B TOLERANCE OF 0.3 PPM:11/17; MFG SUPPORTS, BUT NEED PERFORMANCE DATA FIRST; BAYER HAS SOIL APPLIED USES, AND BASF HAS SEED TREATMENT USES:05/18; CANADA HAS EFFICACY DATA THAT CAN BE SHARED (3 TRIALS), AND A CANADA-ONLY RESIDUE STUDY (4 TRIALS IN ZONE 5, 1 TRIAL IN ZONE 1) - MFG SUPPORTS USE OF THOSE DATA TO COMPLIMENT A U.S. PROGRAM; IF RESIDUE WORK IS DONE, AND RESIDUES SUPPORT THE EXISTING SUBGROUP 1B (EXCEPT SUGAR BEET) 0.3 PPM TOLERANCE OR LOWER, MFG IS PREPARED TO MAKE THE SUBMISSION TO EPA:09/18; POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY CHANGED TO E/CS DATA ON-GOING:03/19; MAY NOT NEED RESIDUE DATA FOR CARROT, AS THERE ARE ALREADY SOIL USES ON CARROT:07/19; BASED ON INCONCLUSIVE EFFICACY RESULTS FROM 2019 TRIALS AND THE MFG DECISION ABOUT THE LACK OF VALUE IN SEED TRT FOR NEMATODE CONTROL ON CARROTS, MFG SEES NO COMMERCIAL PATH FORWARD AND NO LONGER SUPPORTS THIS REQUESTED USE:08/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP01 Verrinder, Timothy



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12606	-NONE	+	HOMA	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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-MIP01 Hausbeck, Dr. Mary K.



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12906	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> HOMA	<u>CHEMICAL (MFG)</u> XDE-659 (CORTEVA)	<u>COMMODITY</u> RADISH	<u>CROP GROUP</u> 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

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

20-MIP09 Hausbeck, Dr. Mary K.



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
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

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

20-PRP01 Robles Vazquez, W.

20-PRP02 Robles Vazquez, W.



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

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

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 COMMERCIALY 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 COMERCIALY 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

20-NCP02 Jennings, Katie
20-LAP01 Wright, Denise

20-CAP10 Stoddard, Scott



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12905	-NONE	+	BATTS	GLUFOSINATE (BASF,UPL NA)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: FROM PR# 10558: ANNUAL BROADLEAF WEEDS; PER AR ME-TOO, FOR AN ALTERNATIVE FOR BANDED APPLIC IN ROW MIDDLES (AND FOR PRE-PLANT BURNDOWN - SEE PR# 10558)

Use Pattern: (PCR): FROM PR# 10558: PRE PLANT BURNDOWN; 29-43 OZ/A; 1 APPLIC; PER AR ME-TOO, NEEDED FOR PRE-PLANT BURNDOWN AND AS AN ALTERNATIVE FOR BANDED APPLIC IN ROW MIDDLES

E/CS Data Requirements: POST-TRANSPLANT/ROW-MIDDLE APPLIC USE PATTERN BASF SUPPORTS AS POTENTIAL, WITH NO EFFICACY DATA NEEDED, BUT ADDITIONAL CROP SAFETY DATA IS REQUIRED, TESTING A FULL 2X EXAGGERATED RATE (1X = 0.78 LB AI/A) IN COMERCIAALLY IMPORTANT SWEET POTATO GROWING AREAS (2 TRIALS IN NC AND 1 EACH IN LA, CA, AND MS OR TX):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 VS A 4X RATE OF A COMMERCIAL STANDARD, IN >15 GPA, EACH AT 2 DIFFERENT TIMINGS (10-14 DAYS AFTER TRANSPLANTING, AND AT FINAL CULTIVATION STAGE); EACH TREATMENT WILL BE APPLIED ONCE AS A POST-DIRECTED APPLIC TO ROW MIDDLES ONLY, USING AN UNSHIELDED SPRAYER; 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

Comments: THIS NEW PR# WAS CREATED FOR POST, ROW-MIDDLE USE PATTERN; FROM PR# 10558: CAN COVER OTHER SWEET POTATO REQUEST, PR# 12060 AND TARO 09568); MFG REQUESTS THE ORIGINAL PR# 10558 BE SPLIT INTO 2 SEPARATE ONES BASED ON USE PATTERN, AS FOLLOWS: 1) PRE-TRANSPLANT USE PATTERN (SEE PR# 10558) BASF SUPPORTS AS RESEARCHABLE FOR RESIDUE STUDY, AND SUGGESTS AT LEAST ONE YEAR OF ADDITIONAL CROP SAFETY TESTING (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, BUT ADDITIONAL CROP SAFETY DATA IS REQUIRED, TESTING A FULL 2X EXAGGERATED RATE (1X = 0.78 LB AI/A) IN COMERCIAALLY 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 AN "A" RESIDUE PRIORITY (SEE PR# 10558), AND POST ROW-MIDDLE USE IS "H+" (THIS PR# 12905):9/24/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-NCP04 Jennings, Katie	20-CAP13 Stoddard, Scott
20-LAP02 Wright, Denise	
20-NCP05 Jennings, Katie	
20-MSP02 Shankle, Mark W.	



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12869	<u>LAB</u> -NONE	<u>PRIORITY</u> B	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> PARAQUAT (AMVAC,SYNGEN)	<u>COMMODITY</u> SWEET POTATO	<u>CROP GROUP</u> 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:

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

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

20-NCP03 Jennings, Katie
20-MSP01 Shankle, Mark W.

20-CAP11 Stoddard, Scott



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12799	-NONE	+	PIKE	BROFLANILIDE (BASF)	ONION	ONION BULB AND GREEN SUBGROUPS (03-07AB)

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

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

E/CS Data Requirements: BASF REQUESTS 6-8 PERFORMANCE TRIALS, CONDUCTED IN COMMERCIALY RELEVANT ONION GROWING AREAS (I.E, THE PCR REQUESTING STATES) ACROSS THE U.S., WITH BOTH ONION MAGGOT EFFICACY DATA AND CROP SAFETY DATA COLLECTED; BASF TO BE ACTIVELY INVOLVED IN PROTOCOL DEVELOPMENT FOR THE PERFORMANCE PROGRAM, POSSIBLY EVALUATING BOTH SEED TREATMENT AND IN-SOIL APPLIC

E/CS Research Comments: CONTACT IR-4 DISCIPLINE LEAD FOR 2020 PERFORMANCE PROTOCOL DETAILS

Comments: REQUEST IS FOR SEED TREATMENT; IS AN EXPORT COMMODITY TO MANY COUNTRIES; MFG MADE REQUEST "POTENTIAL":08/19

NER-EPA Region-FRD

20-NYP02 Nault, B.A.
20-NYP03 Nault, B.A.

NCR-EPA Region-FRD

20-WIP02 Chapman, Scott
20-WIP03 Chapman, Scott

SOR-EPA Region-FRD

WSR-EPA Region-FRD

20-CAP14 Wilson, Rob G.
20-WAP05 Waters, T.D.

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12322	-NONE	A	HOMA	NMG787 (TBD)	ONION	ONION BULB AND GREEN SUBGROUPS (03-07AB)

Reason for Need: NEMATODES - THERE IS A LACK OF REGISTERED PRODUCTS FOR NEMATODE MANAGEMENT, AND NEMATODES ARE IMPACTING PRODUCTION IN MAJOR GROWING AREAS

Use Pattern: (PCR): APPLY AS A DRENCH OR DRIP TO THE SOIL AT 500 G AI/HA; ALSO CONSIDER USE AS A SEED TREATMENT

E/CS Data Requirements: IR-4 NEEDS AN ADDITIONAL EFF TRIAL IN GA IN 2020 WITH ABI, AS THERE WAS NO PRESSURE IN 2019 IN FL:05/19

E/CS Research Comments: MFG DOING A 2018 PERFORMANCE PROGRAM:11/17; CONTACT STUDY DIRECTOR FOR ANY DETAILS ABOUT IR-4 PERFORMANCE RESEARCH PROTOCOLS IN 2018, 2019 AND 2020

Comments: USE ON GARLIC WOULD BE COVERED BY THESE RESIDUE DATA; NEED TO CONDUCT SUFFICIENT TRIALS TO SUPPORT A CODEX MRL; MFG CAN ASSIST BY ANALYZING RESIDUE SAMPLES:08/17; MFG INDICATES RESIDUE AND E/CS DATA ARE NEEDED:09/17; POTENTIAL JOINT PROJECT WITH CANADA:10/17; THIS STUDY HAS BEEN CANCELLED SINCE THE REGISTRANT CONFIRMED THERE WAS NOT SUFFICIENT STORAGE STABILITY DATA TO COVER THE STUDY; SEE NEW PR# 13032:06/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-GAP01 Hajihassani, Dr. Abolfazl



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
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

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

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

20-MIP05	Hausbeck, Dr. Mary K.	20-FLP05	Raid, Dr. Richard
----------	-----------------------	----------	-------------------



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12131	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> PROMETRYN (ADAMA,SYNGEN)	<u>COMMODITY</u> LEEK	<u>CROP GROUP</u> ONION, GREEN SUBGROUP (03-07B)
-----------------------	---------------------	----------------------	--------------------------------	------------------------------------------------------	--------------------------	-----------------------------------------------------

Reason for Need: WEEDS; NEED A POST EMERGENT OPTION FOR WEED CONTROL

Use Pattern: (PCR): USE THE CAPAROL 4L PRODUCT; MAKE 2 FOLIAR APPLIC OF 1.6 LB AI/A, 10-DAY INTERVAL, 50-DAY PHI; APPLY TO WELL ESTABLISHED TRANSPLANTS THAT HAVE GROWN ONE NEWLY ESTABLISHED LEAF, FOLLOWED BY A 2ND APPLIC IN 10 DAYS

E/CS Data Requirements: NEED 4-5 TRIALS, 1X AND 2X RATES (AND MIXTURE FOR 1X) VS STANDARD; CROP SAFETY % AT 7, 21, 42 DAT; EFFICACY AT 28 AND 42 DAT; YIELD; RUN TRIALS SPREAD GEOGRAPHICALLY TO COVER DIFFERENCES ACROSS LIKELY USE AREA

E/CS Research Comments: IN THE 2018 PROTOCOL: USE THE CAPAROL 4L PRODUCT; TEST 1.6 AND 3.2 LB AI/A ALONE, 1.6 LB AI/A TANK-MIXED WITH A GROWER STANDARD, AND THE GROWER STANDARD ALONE; MAKE 2 BROADCAST APPLIC OF EACH TREATMENT, IN 15-40 GPA; MAKE 1ST APPLIC WHEN 1-3 NEW LEAVES ARE ESTABLISHED, AND THE 2ND APPLIC 50 DAYS PRIOR TO LEEK MATURITY; EVALUATE PLOTS FOR CROP INJURY, WEED CONTROL AND CROP YIELD; IN THE 2019 PERFORMANCE PROTOCOL, TEST THE SAME TREATMENTS AS IN 2018, AND SIMILAR EVALUATIONS

Comments: MRL IS ESTABLISHED IN KEY EXPORT MARKET IN CANADA:03/17; SYNGENTA SUPPORTS; NEED E/CS DATA WITH RESIDUE; AS NEEDED, GENERATE ENOUGH DATA TO SECURE CODEX MRL IF COMMODITY IS EXPORTED:07/17; EPA CAUTION:08/17; POTENTIAL JOINT PROJECT WITH CANADA:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP09 Smith, Dr. Richard



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
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:

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 HERBICIDE, IF LESS THAN 0.5 INCHES RAIN FALLS WITHIN 7 DAYS OF APPLIC; COLLECT DATA ON CROP INJURY, WEED CONTROL, AND CROP YIELD

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

20-MIP12	Zandstra, Dr. Bernard H.	20-FLP09	Odero, D.C.
----------	--------------------------	----------	-------------



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
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

E/CS Research Comments: PMC/CANADA IS PLANNING TO DO 2 EFF TRIALS IN 2020, TARGETING ALTERNARIA:12/19

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

20-NYP04 Hoeping, Christine

NCR-EPA Region-FRD

20-MIP13 Hausbeck, Dr. Mary K.

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11772	-NONE	A	BATTS	LINURON (TKI)	BEAN (EDIBLE PODED & SUCCULENT SHELLED)	EDIBLE PODED 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

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 HERBICIDE, IF LESS THAN 0.5 INCHES RAIN FALLS WITHIN 7 DAYS OF APPLIC; COLLECT DATA ON CROP INJURY, WEED CONTROL, AND CROP YIELD

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

20-DEP01 VanGessel, M.
(lima)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

20-FLP10 Dittmar, Dr. Peter
(snap)

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12841	-NONE	A	BATTS	BENTAZON + ACIFLUORFEN (ARYSTA,UPL NA)	PEA (DRY)	DRIED SHELLD 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:

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

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; CATEGORY WILL BE CHANGED TO RESIDUE DONE/ONGOING; E/CS DATA DONE/ONGOING ONCE THE RESIDUE PROTOCOL IS SIGNED:03/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-NDP01 Jenks, Dr. Brian

20-WAP04 Burke, Ian



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12576	-NONE	+	BATTS	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

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 REGISTERED 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

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;

NER-EPA Region-FRD

20-DEP02 VanGessel, M.
(incl research on pepper/P12577)
20-NJP04 Besancon, Thierry
(incl research on pepper/P12577)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

20-FLP11 Boyd, Nathan
(incl research on pepper/P12577)

WSR-EPA Region-FRD

20-CAP15 Hanson, Brad
(incl research on pepper/P12577)

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11790	-NONE	A	PIKE	CYFLUMETOFEN (BASF)	PEPPER (BELL & NONBELL)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: SPIDER MITES (TETRANYCHUS SPP.)

Use Pattern: (PCR): USE THE NEALTA PRODUCT; MAKE 2 FOLIAR APPLIC OF 13.7 OZ/A, MINIMUM 14-DAY INTERVAL

E/CS Data Requirements: MFG REQUESTS E/CS TESTING TO MEET CERTAIN STANDARDS (I.E., EXAGGERATED RATES TO EVALUATE CROP SAFETY, CONSECUTIVE YEARS TESTING, VARIETY SCREENINGS, ETC.) TO SUPPORT COMMERCIALIZATION OF THE USE; DEVELOP SUFFICIENT DATA TO SUPPORT REGISTRATION IN CA:08/15; MFG REQUIRES 2 EFFICACY TRIALS (SUGGESTS CA & FL) AND 3 CROP SAFETY TRIALS (SUGGESTS 2 IN CA, PLUS FL):07/16

E/CS Research Comments: 2019 PERFORMANCE PROTOCOL INCLUDES 1X & 2X RATES OF CYFLUMETOFEN (13.7 & 27.4 FL OZ/A OF NEALTA) COMPARED WITH THE 1X RATE+ORGANOSILICONE ADJUVANT AND THE 1X RATE+NIS ADJUVANT (BOTH TREATMENTS MADE WITH 2 PASSES TO SIMULATE A DOUBLE APPLC), WITH NO MORE THAN TWO APPLIC, MINIMUM 50 GPA AND A 14-DAY INTERVAL, MADE WHEN MITES REACH A TREATMENT THRESHOLD; COLLECTING CROP INJURY AND CROP YIELD/QUALITY (NO PEST CONTROL DATA NEEDED); IN THE 2020 PERFORMANCE PROTOCOL: TESTING SAME USE PATTERN AND COLLECTING SIMILAR DATA

Comments: TOMATO IS REGISTERED; NO PHI SPECIFIED, BUT SUGGEST 3-DAY TO MATCH TOMATO:08/15; RETURNED TO UNDER EVALUATION:10/15; MFG TO REASSESS E/CS DATA NEEDS AND CONFIRM HOW IR-4 CAN PROCEED:05/16; MFG MADE RESEARCHABLE AGAIN, WITH SPECIFIC REQUIREMENTS FOR PERFORMANCE RESEARCH (SEE E/CS DATA REQUIREMENTS), WHICH MFG WILL PARTIALLY FUND:07/16; EPA GREEN:09/18

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP17 Mauk, Peggy A
(repeat of 19-CAP12, no add'l \$ needed)
20-CAP18 Mauk, Peggy A
(repeat of 19-CAP13, no add'l \$ needed)



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12794	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> HOMA	<u>CHEMICAL (MFG)</u> XDE-659 (CORTEVA)	<u>COMMODITY</u> PEPPER (GH)	<u>CROP GROUP</u> PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)
-----------------------	---------------------	----------------------	-------------------------------	--------------------------------------------	---------------------------------	-----------------------------------------------------------------------------

Reason for Need: BOTRYTIS, POWDERY MILDEW, EARLY BLIGHT, SEPTORIA, ALTERNARIA, SCLEROTINIA, FUSARIUM (SUPPRESSION); PER OH, CO, ME AND MI ME-TOO REQUESTS, BOTRYTIS CAUSES SIGNIFICANT LOSSES

Use Pattern: (PCR): USE 0.09-0.13 LB AI/A; MAKE UP TO 3 FOLIAR APPLIC PER CROP, MAX 5 PER YR, MINIMUM 30 GPA, 10-14 DAY INTERVAL, 0-1 DAY PHI; APPLY BEFORE VISIBLE SYMPTOMS OF POWDERY MILDEW APPEAR; APPLY WITH AN NIS OR NIS BLEND ADJUVANT, BUT NOT WITH ADDITIVES CONTAINING LATEXES; DO NOT APPLY BY CHEMIGATION

E/CS Data Requirements: NEED GH EFF. DATA:09/17/19; PMC/CANADA IS DOING 2 GH EFF TRIALS IN 2020, TARGETING POWDERY MILDEWS:12/19

E/CS Research Comments:

Comments: CANADA NOTED AS A KEY EXPORT MARKET:07/19; MFG SUPPORTS THIS GH USE, RESIDUE AND E/CS, AND MAY ASSIST WITH ANALYTICAL WORK; THE USE PATTERN NEEDS TO ALSO INCLUDE "NO MORE THAN 1/3 OF TOTAL FUNGICIDE SPRAYS":08/19; MFG IS DOING FIELD RESIDUES; FOR GH PEPPERS NEED EFFICACY DATA:09/17/19; CANADIAN INTEREST FOR JOINT STUDY, WITH NAFTA TRIAL SITES SIMPLY ANY 4 TRIALS AND 1 DECLINE TRIAL (WILL KEEP US TRIAL SITE DETAILS):10/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-AZP02 Poudel, Dr. Bindu



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P11787	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> PIKE	<u>CHEMICAL (MFG)</u> CYFLUMETOFEN (BASF)	<u>COMMODITY</u> CANTALOUPE	<u>CROP GROUP</u> MELON SUBGROUP (09A)
-----------------------	---------------------	----------------------	-------------------------------	----------------------------------------------	--------------------------------	-------------------------------------------

Reason for Need: TWO-SPOTTED SPIDER MITE, SOUTHERN RED MITE

Use Pattern: (PCR): MAKE 2 FOLIAR APPLIC OF 13.7 FL OZ/A OF CYFLUMETOFEN, 10-14 DAY INTERVAL, NO PHI SPECIFIED

E/CS Data Requirements: MFG REQUESTS E/CS TESTING TO MEET CERTAIN STANDARDS (I.E., EXAGGERATED RATES TO EVALUATE CROP SAFETY, CONSECUTIVE YEARS TESTING, VARIETY SCREENINGS, ETC.) TO SUPPORT COMMERCIALIZATION OF THE USE; DEVELOP SUFFICIENT DATA TO SUPPORT REGISTRATION IN CA:08/15; MFG REQUIRES 3 EFFICACY TRIALS (SUGGESTS 2 IN CA, PLUS AZ) AND 3 CROP SAFETY TRIALS (SUGGESTS 2 IN CA, PLUS AZ):07/16

E/CS Research Comments: 2019 PERFORMANCE PROTOCOL INCLUDES 1X & 2X RATES OF CYFLUMETOFEN (13.7 & 27.4 FL OZ/A OF NEALTA) COMPARED WITH THE 1X RATE+ORGANOSILICONE ADJUVANT AND THE 1X RATE+NIS ADJUVANT (BOTH TREATMENTS MADE WITH 2 PASSES TO SIMULATE A DOUBLE APPLIC), WITH NO MORE THAN TWO APPLIC, MINIMUM 50 GPA AND A 14-DAY INTERVAL, MADE WHEN MITES REACH A TREATMENT THRESHOLD; COLLECTING CROP INJURY AND CROP YIELD/QUALITY (NO PEST CONTROL DATA NEEDED); IN THE 2020 PERFORMANCE PROTOCOL: TESTING SAME USE PATTERN AND COLLECTING SIMILAR DATA

Comments: SUGGEST 3-DAY PHI:08/15; WAS GIVEN AN "A" PRIORITY AT 2015 FUW, BUT AFTERWARDS (10/15) WAS RETURNED TO "UNDER EVAL" UNTIL MFG REASSESES E/CS DATA NEEDS AND CONFIRMS HOW IR-4 CAN PROCEED:05/16; MFG MADE RESEARCHABLE AGAIN, WITH SPECIFIC REQUIREMENTS FOR PERFORMANCE RESEARCH (SEE E/CS DATA REQUIREMENTS), WHICH MFG WILL PARTIALLY FUND:07/16; EPA GREEN:09/18; POTENTIAL JOINT STUDY WITH CANADA PMC:10/18

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP19 Mauk, Peggy A
(repl of 19-CAP15 - no add'l \$ needed)
20-AZP01 Poudel, Dr. Bindu



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11786	-NONE	A	PIKE	CYFLUMETOFEN (BASF)	CUCUMBER	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: TWO-SPOTTED SPIDER MITE, SOUTHERN RED MITE

Use Pattern: (PCR): MAKE 2 FOLIAR APPLIC OF 13.7 FL OZ/A OF CYFLUMETOFEN, 10-14 DAY INTERVAL, NO PHI SPECIFIED

E/CS Data Requirements: MFG REQUESTS E/CS TESTING TO MEET CERTAIN STANDARDS (I.E., EXAGGERATED RATES TO EVALUATE CROP SAFETY, CONSECUTIVE YEARS TESTING, VARIETY SCREENINGS, ETC.) TO SUPPORT COMMERCIALIZATION OF THE USE; DEVELOP SUFFICIENT DATA TO SUPPORT REGISTRATION IN CA:08/15; MFG REQUIRES 2 EFFICACY TRIALS (SUGGESTS CA & FL) AND 4 CROP SAFETY TRIALS (SUGGESTS 2 IN CA, PLUS FL & DE), CONDUCTED ON EITHER CUCUMBER OR SUMMER SQUASH (PR# 11788):07/16

E/CS Research Comments: 2019 PERFORMANCE PROTOCOL INCLUDES 1X & 2X RATES OF CYFLUMETOFEN (13.7 & 27.4 FL OZ/A OF NEALTA) COMPARED WITH THE 1X RATE+ORGANOSILICONE ADJUVANT AND THE 1X RATE+NIS ADJUVANT (BOTH TREATMENTS MADE WITH 2 PASSES TO SIMULATE A DOUBLE APPLIC), WITH NO MORE THAN TWO APPLIC, MINIMUM 50 GPA AND A 14-DAY INTERVAL, MADE WHEN MITES REACH A TREATMENT THRESHOLD; COLLECTING CROP INJURY AND CROP YIELD/QUALITY (NO PEST CONTROL DATA NEEDED); IN THE 2020 PERFORMANCE PROTOCOL: TESTING SAME USE PATTERN AND COLLECTING SIMILAR DATA

Comments: SUGGEST 3-DAY PHI:08/15; WAS GIVEN AN "A" PRIORITY AT 2015 FUW, BUT AFTERWARDS (10/15) WAS RETURNED TO "UNDER EVAL" UNTIL MFG REASSESSSES E/CS DATA NEEDS AND CONFIRMS HOW IR-4 CAN PROCEED:05/16; MFG MADE RESEARCHABLE AGAIN, WITH SPECIFIC REQUIREMENTS FOR PERFORMANCE RESEARCH (SEE E/CS DATA REQUIREMENTS), WHICH MFG WILL PARTIALLY FUND:07/16; EPA GREEN:09/18; POTENTIAL JOINT STUDY WITH CANADA PMC:10/18

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP20 Mauk, Peggy A
(repl for 19-CAP17 - no add'l \$ needed)



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P11788	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> PIKE	<u>CHEMICAL (MFG)</u> CYFLUMETOFEN (BASF)	<u>COMMODITY</u> SQUASH (SUMMER)	<u>CROP GROUP</u> SQUASH/CUCUMBER SUBGROUP (09B)
-----------------------	---------------------	----------------------	-------------------------------	----------------------------------------------	-------------------------------------	-----------------------------------------------------

Reason for Need: TWO-SPOTTED SPIDER MITE, SOUTHERN RED MITE

Use Pattern: (PCR): MAKE 2 FOLIAR APPLIC OF 13.7 FL OZ/A OF CYFLUMETOFEN, 10-14 DAY INTERVAL, NO PHI SPECIFIED

E/CS Data Requirements: MFG REQUESTS E/CS TESTING TO MEET CERTAIN STANDARDS (I.E., EXAGGERATED RATES TO EVALUATE CROP SAFETY, CONSECUTIVE YEARS TESTING, VARIETY SCREENINGS, ETC.) TO SUPPORT COMMERCIALIZATION OF THE USE; DEVELOP SUFFICIENT DATA TO SUPPORT REGISTRATION IN CA:08/15; MFG REQUIRES 2 EFFICACY TRIALS (SUGGESTS CA & FL) AND 4 CROP SAFETY TRIALS (SUGGESTS 2 IN CA, PLUS FL & DE), CONDUCTED ON EITHER SUMMER SQUASH OR CUCUMBER (PR# 11786):07/16

E/CS Research Comments: 2019 PERFORMANCE PROTOCOL INCLUDES 1X & 2X RATES OF CYFLUMETOFEN (13.7 & 27.4 FL OZ/A OF NEALTA) COMPARED WITH THE 1X RATE+ORGANOSILICONE ADJUVANT AND THE 1X RATE+NIS ADJUVANT (BOTH TREATMENTS MADE WITH 2 PASSES TO SIMULATE A DOUBLE APPLIC), WITH NO MORE THAN TWO APPLIC, MINIMUM 50 GPA AND A 14-DAY INTERVAL, MADE WHEN MITES REACH A TREATMENT THRESHOLD; COLLECTING CROP INJURY AND CROP YIELD/QUALITY (NO PEST CONTROL DATA NEEDED); IN THE 2020 PERFORMANCE PROTOCOL: TESTING SAME USE PATTERN AND COLLECTING SIMILAR DATA

Comments: SUGGEST 3-DAY PHI:08/15; WAS GIVEN AN "A" PRIORITY AT 2015 FUW, BUT AFTERWARDS (10/15) WAS RETURNED TO "UNDER EVAL" UNTIL MFG REASSESSSES E/CS DATA NEEDS AND CONFIRMS HOW IR-4 CAN PROCEED:05/16; MFG MADE RESEARCHABLE AGAIN, WITH SPECIFIC REQUIREMENTS FOR PERFORMANCE RESEARCH (SEE E/CS DATA REQUIREMENTS), WHICH MFG WILL PARTIALLY FUND:07/16; EPA GREEN:09/18; ADDED TO 2019 RESEARCH PLAN VIA AN ACCEPTED NER REGIONAL UPGRADE (COMPLETES THE CROP GROUP):10/18

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP16 Mauk, Peggy A
(repeat of 19-CAP28 - no add'l \$ needed)



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P11995	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> SAMOIL	<u>CHEMICAL (MFG)</u> BIFENAZATE (MACDERMID,UPL NA)	<u>COMMODITY</u> BLUEBERRY	<u>CROP GROUP</u> BUSHBERRY SUBGROUP (13-07B)
-----------------------	---------------------	----------------------	---------------------------------	-----------------------------------------------------------	-------------------------------	--------------------------------------------------

Reason for Need: MITES - FEW MITICIDES REGISTERED, AND ONLY ALLOWED ON NON-BEARING PLANTS; NEEDED FOR RESISTANCE MANAGEMENT AND IPM PROGRAMS

Use Pattern: (PCR): USE THE ACRAMITE PRODUCT; MAKE 1 FOLIAR APPLIC OF 1 LB PRODUCT/A (0.5 LB AI) WHEN MITES REACH THRESHOLD; 1-DAY PHI (MFG RECOMMENDS THE APPLIC RATE BE THE SAME AS LOWBUSH BLUEBERRY, AT 0.375-0.5 LB AI/A [0.75-1.0 LB/A OF ACRAMITE 50WS])

E/CS Data Requirements:

E/CS Research Comments: IN 2019 PERFORMANCE PROTOCOL, TESTING IN GA TRIALS LOW, HIGH AND 2X RATES OF ACRAMITE 50WS (0.375, 0.5 AND 1.0 LB AI/A) IN MINIMUM 50 GPA, VS A REGISTERED STANDARD, FOLIAR DIRECTED APPLIC, WITH 1ST APPLIC AS SOON AS MITES ARE PRESENT; MAKE A 2ND APPLIC WHEN CONTROL BEGINS TO FAIL, BUT NOT LESS THAN 21 DAYS AFTER 1ST APPLIC; MAKE CROP INJURY AND MITE CONTROL ASSESSMENTS AT APPROPRIATE INTERVALS DURING THE TRIALS; IN THE 2020 PERFORMANCE PROTOCOL, TESTING JUST THE 0.375 AND 0.5 LB AI/A RATES OF ACRAMITE 4SC, IN 90-110 GPA, VS A REGISTERED STANDARD, FOLIAR DIRECTED APPLIC, WITH 1ST APPLIC AS SOON AS MITES ARE PRESENT; MAKE A 2ND APPLIC WHEN CONTROL BEGINS TO FAIL, BUT NOT LESS THAN 21 DAYS AFTER 1ST APPLIC; MAKE CROP INJURY AND MITE CONTROL ASSESSMENTS AT APPROPRIATE INTERVALS DURING THE TRIALS

Comments: KEY EXPORT MARKET IS CANADA:08/16; EPA GREEN:09/18; ADDED TO 2019 RESEARCH PLAN VIA AN ACCEPTED NER REGIONAL UPGRADE; NEED TO ANALYZE SAMPLES WITHIN 30 DAYS OF HARVEST:10/18: PERFORMANCE PROTOCOL SIGNED AND CATEGORY WILL CHANGE TO E/CS & RESIDUE ON-GOING ONCE MOR PROTOCOL IS SIGNED:01/19; ALL RESIDUE DATA RECEIVED AT HQ, E/CS 2020 REPORTS STILL NEEDED:05/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-GAP02 Sial, Dr Ashfaq A
20-FLP04 Liburd, Oscar



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12604	<u>LAB</u> -NONE	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> CLOPYRALID (DOWAGR)	<u>COMMODITY</u> GRAPE	<u>CROP GROUP</u> 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 A/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

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

CANADA-EPA Region-FRD

20-MIP02 Zandstra, Dr. Bernard H.

20-CAP02 Hanson, Brad
 20-CAP03 Hanson, Brad
 20-WAP01 Walsh, Dr. Doug
 (funded, so no \$ needed for 2nd year in :
 20-WAP02 Walsh, Dr. Doug
 (funded, so no \$ needed for 2nd year in :



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
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

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

20-NYP01 Palmer, Scott

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

20-CAP04 Hanson, Brad
20-WAP03 Walsh, Dr. Doug

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
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

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

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

20-MDP01 Hu, Dr. Mengjun
20-MDP02 Hu, Dr. Mengjun

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12500	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> TRIFLOXYSULFURON (SYNGEN)	<u>COMMODITY</u> STRAWBERRY	<u>CROP GROUP</u> LOW GROWING BERRY SUBGROUP (13-07G)
-----------------------	---------------------	----------------------	--------------------------------	-------------------------------------------------------	--------------------------------	-------------------------------------------------------------

Reason for Need: GREEN KYLLINGA; THIS WEED IS A GROWING PROBLEM IN STRAWBERRY ROW MIDDLES, AND NO CURRENTLY REGISTERED HERBICIDES CONTROL IT

Use Pattern: (PCR): USE THE EVOKE PRODUCT; MAKE 2 SOIL APPLIC, 14 DAYS APART; RATE NOTED AS TBD; DON'T ALLOW SPRAY TO CONTACT THE CROP; APPLY BEFORE FIRST BERRY PICK OR AT THE END OF BERRY SEASON PRIOR TO PLANTING RELAY CROP

E/CS Data Requirements: MFG REQUIRES DATA TO ENSURE EFFICACY/CROP SAFETY (REQUESTOR IS RUNNING STUDIES IN 2018, BUT ADDITIONAL STUDIES MAY BE REQUIRED):07/18; FROM 10/17/18, MFG REQUESTED: 4 TOTAL TRIALS - 2 IN-CROP EFFICACY/SAFETY (1X & 2X, % CONTROL); MINIMUM 2 CARRYOVER OR SAFETY TO ROTATIONAL CROP TRIALS (STAND COUNT/ESTABLISHMENT, VIGOR RATING, FOLLOWING ENVOKE LABEL GPA, PHI, PLANTBACK)

E/CS Research Comments: IN 2019 PERFORMANCE PROTOCOL: TESTING 0.007 AND 0.014 LB AI/A OF THE ENVOKE PRODUCT (75%), PLUS A LABEL RATE OF ADJUVANT, VS A WEED-FREE CONTROL; MAKE 2 BANDED APPLIC OF EACH TRT TO SOIL AND OUTER AREA OF MULCH (TO ROW MIDDLES), IN 10-40 GPA, AT A 14-DAY INTERVAL AND LAST APPLIC AT A 14-DAY PHI; ASSESSING CROP INJURY (NOT WEED CONTROL) AT 14 AND 28 DAYS AFTER TRANSPLANTING AND AFTER EACH APPLIC, PLUS YIELD/A AND QUALITY OF HARVESTED COMMODITY; IN 2020 PROTOCOL, PURPOSE IS TO EXAMINE CARRYOVER POTENTIAL OF TRIFLOXYSULFURON APPLIED TO STRAWBERRY FOR GREEN KYLLINGA CONTROL (WILL COLLECT ROTATIONAL AND RELAY CROP RESPONSE DATA TO SUPPORT THIS REGISTRATION): TESTING THE SAME RATES/USE PATTERN AS IN 2019 TRIALS, USING A HOODED/SHIELDED BAND TO ROW MIDDLES, BUT NO STRAWBERRY PLANTS ARE NEEDED - JUST THE BEDS TO SIMULATE COMMERCIAL ANNUAL STRAWBERRY PRODUCTION; EVALUATE ROTATIONAL CROP STAND AND VIGOR

Comments: CANADA AND MEXICO ARE KEY EXPORT MARKETS:04/18; A LABEL FOR THIS USE WOULD BE INDEMNIFIED; ROW MIDDLE USE PATTERN SHOULD RESULT IN VERY LOW TO NO RESIDUES; ROTATIONAL CROP RESTRICTION FROM A RESIDUE STANDPOINT WOULD BE 4 MONTHS (120 DAYS):07/18: EPA GREEN:12/18

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-FLP01 Boyd, Nathan
20-NCP01 Batts, Roger B.



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12296	<u>LAB</u> -NONE	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u> BATTIS	<u>CHEMICAL (MFG)</u> SULFENTRAZONE (FMC)	<u>COMMODITY</u> CRANBERRY	<u>CROP GROUP</u> LOW GROWING BERRY SUBGROUP, EXCEPT STRAWBERRY (13-07H)
-----------------------	---------------------	----------------------	---------------------------------	----------------------------------------------	-------------------------------	--------------------------------------------------------------------------------

Reason for Need: EARLY EMERGENT WEEDS; NEED PRODUCT TO CONTROL SEDGES

Use Pattern: (PCR): USE THE ZEUS XC PRODUCT; MAKE 1 DORMANT, FOLIAR APPLIC OF 0.375 LB AI/A; APPLY TO EMERGENT WEEDS WHILE CRANBERRY PLANTS ARE DORMANT; PHI IS AT LEAST 5 MONTHS

E/CS Data Requirements:

E/CS Research Comments: IN 2019 PERFORMANCE PROTOCOL: TESTING THE ZEUS XC PRODUCT AT 0.375 LB AI/A, BROADCAST POST OVER DORMANT CROP, WITH OR WITHOUT IRRIGATION WASHOFF, IN 10-15 OR 400 GPA (SIMULATED CHEMIGATION); SEE PROTOCOL FOR OTHER APPLIC INSTRUCTIONS; ASSESSING CROP INJURY, WEED CONTROL AND YIELD DATA/QUALITY

Comments: KEY EXPORT MARKETS INCLUDE CANADA, EU, AUSTRALIA, CODEX; TOLERANCE IS ESTABLISHED ON CROP GROUP 13-07, BUT CRANBERRY IS NOT ON THE LABEL:08/17; MFG SUPPORTS, IF E/CS DATA ARE PROVIDED:05/18; SLN 24C LABELS ARE APPROVED IN MA AND NJ:05/20

NER-EPA Region-FRD

20-NJP01 Besancon, Thierry

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12791	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> ACIFLUORFEN (UPL NA)	<u>COMMODITY</u> BASIL	<u>CROP GROUP</u> HERB SUBGROUP (19A)
-----------------------	---------------------	----------------------	--------------------------------	-----------------------------------------------	---------------------------	------------------------------------------

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:

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

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

20-MIP06 Zandstra, Dr. Bernard H.

20-CAP12 Wang, Zheng



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12416	<u>LAB</u> -NONE	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> SULFENTRAZONE (FMC)	<u>COMMODITY</u> BASIL	<u>CROP GROUP</u> HERB SUBGROUP (19A)
-----------------------	---------------------	----------------------	--------------------------------	----------------------------------------------	---------------------------	------------------------------------------

Reason for Need: ANNUAL BROADLEAF WEEDS; PER IL 06/19 ME-TOO REQUEST: NEED FOR COMMON PURSLANE CONTROL

Use Pattern: (PCR): USE THE SPARTAN PRODUCT; MAKE 1 PREEMERGENCE APPLIC OF 0.125 LB AI/A TO THE SOIL AFTER SEEDING, MINIMUM 20 GPA; 30-DAY PHI; APPLY BEFORE BASIL EMERGENCE, AND WATER-IN WITH 0.25 IN OF WATER WITHIN 5 DAYS OF APPLIC

E/CS Data Requirements:

E/CS Research Comments: IN THE 2019 PERFORMANCE PROTOCOL: TESTING 0.125, 0.188 AND 0.25 LB AI/A OF THE ZEUS XC PRODUCT VS A GROWER STANDARD, APPLIED BROADCAST TO SOIL AFTER SEEDING (WATER INTO SOIL WITH AT LEAST 0.25 INCH OF IRRIGATION WITHIN 5 DAYS OF APPLIC), >10 GPA; ASSESSING CROP INJURY AND WEED CONTROL AT 14, 28, 56 DAYS AFTER APPLIC, PLUS YIELD/A AND QUALITY OF HARVESTED COMMODITY

Comments: THERE IS A ~20-YR-OLD REQUEST (PR# 07295) FOR USE ON BASIL THAT WAS WITHDRAWN; THIS NEW REQUEST IS FOR A DIFFERENT USE PATTERN FOR THE MFG TO CONSIDER; THIS AI HAS CONSISTENTLY BEEN A SAFE AND EFFECTIVE HERBICIDE IN WEED CONTROL TRIALS ON BASIL:10/17; EPA GREEN:09/18; AT 2018 FUW, MFG CHANGED STATUS FROM UNDER EVAL TO POTENTIAL (MFG HAS CONCERNS ABOUT CROP INJURY):09/18; ADDED TO 2019 RESEARCH PLAN AS AN "H+" VIA AN ACCEPTED PRIORITY UPGRADE PROPOSAL:10/18

NER-EPA Region-FRD

20-NJP02 Besancon, Thierry

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

20-CAP05 Wang, Zheng

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12077	<u>LAB</u> -NONE	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u> HOMA	<u>CHEMICAL (MFG)</u> COPPER HYDROXIDE (AGTROL,DREXEL,GOWAN)	<u>COMMODITY</u> BASIL (GH TRANSPLANT)	<u>CROP GROUP</u> HERB SUBGROUP (19A)
-----------------------	---------------------	----------------------	-------------------------------	--------------------------------------------------------------------	-------------------------------------------	------------------------------------------

Reason for Need: BACTERIAL DISEASES; PER MI ME-TOO REQUEST, BASIL NEEDS PROTECTION FROM BACTERIAL DISEASES; BASIL IS THE LARGEST HERB CROP GROWN FOR THE RETAIL MARKET

Use Pattern: (PCR): USE GOWAN'S BADGE SC PRODUCT; MAKE 4 FOLIAR APPLIC OF 1.0 LB AI/A (NO OTHER USE PATTERN DETAILS PROVIDED)

E/CS Data Requirements:

E/CS Research Comments: IN 2020 PERFORMANCE PROTOCOL: TESTING FOLIAR APPLIC OF BADGE SC AT 0.225 AND 0.426 LB AI/A, IN 20-60 GPA, VS LABEL RATES OF PREVISTO AND SERENADE ASO; MAKE 4 APPLIC AT 7-10 DAY INTERVALS, BEGINNING PREVENTATIVELY WHEN CONDITIONS ARE OPTIMAL FOR PRESENCE OF DISEASE; EVALUATE DISEASE INCIDENCE AND DISEASE SEVERITY, AS WELL AS CROP HEALTH AND FOLIAGE INJURY

Comments: COPPER IS EXEMPT FROM THE REQUIREMENT FOR A TOLERANCE; THIS REQUESTED USE IS FOR GH TRANSPLANTS THAT WILL BE SOLD RETAIL TO CONSUMERS:09/16; GOWAN WOULD PUT THIS ON THEIR PERVISTO LABEL, WITH PERFORMANCE DATA:06/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-MIP10 Hausbeck, Dr. Mary K.
20-MIP11 Hausbeck, Dr. Mary K.



2020 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only (Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P8690	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> QUIZALOFOP (AMVAC,GOWAN)	<u>COMMODITY</u> DILL	<u>CROP GROUP</u> HERB SUBGROUP (19A)
-----------------------------	----------------------------	-----------------------------	---------------------------------------	-------------------------------------------------------------	---------------------------------	-------------------------------------------------

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

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)

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

20-NJP03 Besancon, Thierry

NCR-EPA Region-FRD

20-MIP07 Zandstra, Dr. Bernard H.

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2020 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12865	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> HOMA	<u>CHEMICAL (MFG)</u> XDE-659 (CORTEVA)	<u>COMMODITY</u> HERBS (GH)	<u>CROP GROUP</u> HERB SUBGROUP (19A)
-----------------------	---------------------	----------------------	-------------------------------	--------------------------------------------	--------------------------------	------------------------------------------

Reason for Need: BOTRYTIS; THERE ARE FEW FUNGICIDES REGISTERED FOR USE ON HERB TRANSPLANTS FOR RETAIL SALE

Use Pattern: (PCR): USE 0.09-0.13 LB A/A; MAKE UP TO 5 FOLIAR APPLIC, 10-14 DAY INTERVAL, 1-DAY PHI; APPLY WHEN CONDITIONS FAVOR DISEASE AND APPLY WITH AN NIS OR NIS BLEND ADJUVANT; DO NOT APPLY BY CHEMIGATION

E/CS Data Requirements: NEED EFFICACY AND CROP SAFETY DATA:09/17/19; CANADA PMC DOING 2 GH EFF TRIALS IN 2020 (ON BASIL), TARGETING BOTRYTIS LEAF BLIGHT:01/20

E/CS Research Comments:

Comments: NO KEY EXPORT MARKET NOTED; REQUESTER LISTED HERBS, SPECIFICALLY INCLUDING LAVENDAR, BASIL, PARSLEY, THYME TRANSPLANTS THAT ARE DESTINED FOR RETAIL SALE; COULD BE COVERED BY BASIL AND MINT, REP CROPS FOR THE PROPOSED NEW CROP GROUP 25 HERBS:08/19; MFG CONFIRMED RESIDUE AND E/CS DATA ARE NEEDED:09/17/19; PER DISCUSSION AT FUW, CAN PURSUE VIA CHEMSAC PROPOSAL, DOING RESIDUE ONLY ON BASIL (WITHOUT DOING A MINT STUDY) TO COVER GH HERBS (THIS WAS DONE FOR PR# 11548);09/24/19; OR CONSIDER IF NEED TO ALSO DO MINT:10/2/19; CANADIAN INTEREST FOR JOINT STUDY, WITH NAFTA TRIAL SITES THE SAME AS IN THE IR-4 RESIDUE TRIAL PLAN FIELD (EXCEPT THE NEED IN CANADA FOR FRESH AND DRY):10/19; CHEMSAC AND CANADA WILL REQUIRE RESIDUE TRIALS ON BOTH REP CROPS, BASIL AND MINT:01/20;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-MIP08 Hausbeck, Dr. Mary K.



2020 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only (Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12335	-NONE	+	BATTS	QUIZALOFOP (AMVAC,GOWAN)	CARINATA (BRASSICA CARINATA)	RAPESEED SUBGROUP (20A)

Reason for Need: GRASS WEEDS - NO HERBICIDES LABELED IN THE U.S.

Use Pattern: (PCR): USE THE ASSURE II PRODUCT; MAKE FOLIAR BROADCAST APPLIC OF 0.047 LB AI/A; CANADIAN LABEL SAYS 64-DAY PHI

E/CS Data Requirements: BOTH 2019 E/CS TRIALS FAILED IN SD, AND NEED TO BE REPEATED IN 2020:08/19

E/CS Research Comments: IN 2018 PERFORMANCE PROTOCOL IN 2 SD TRIALS, TESTING ASSURE II AT 0.0412, 0.0825 AND 0.124 LB AI/A RATES (+ ADJUVANT) IN 10-30 GPA (VS A REGISTERED STANDARD), MAKING 1 POST-EMERGENCE FOLIAR BROADCAST APPLIC AT 60 DAYS BEFORE HARVEST; EVALUATING CROP INJURY AND WEED CONTROL AT 1, 7, 14 AND 28 DAYS AFTER APPLIC AND AT HARVEST, AS WELL AS CROP YIELD

Comments: CAN BE COVERED WITH RAPESEED CROP SUBGROUP 20A TOLERANCE ESTABLISHED AT 1.5 PPM, IF THE USE PATTERN IS THE SAME AS FOR 20A:08/17; MFG CONFIRMED ONLY NEED E/CS DATA:09/17; EPA GREEN:07/19; SUBMITTED TO EPA 10/19 WITH 2020 E/CS STILL ONGOING:01/20; USE ON B. CARINATA IS REGISTERED IN CANADA:06/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-NCP06 Leon, Ramon G

20-FLP12 Devkota, Pratap



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12867	-NONE	A	BATTS	S-METOLACHLOR/METOLAC HLOR (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:

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)

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;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-SDP05 Reicks, Graig

20-MTP01 Miller, Dr Zach
20-ORP02 Felix, J.



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P11148	<u>LAB</u> -NONE	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u> BATTIS	<u>CHEMICAL (MFG)</u> GLUFOSINATE (BASF,UPL NA)	<u>COMMODITY</u> SESAME	<u>CROP GROUP</u> RAPESEED SUBGROUP (20A)
-----------------------	---------------------	----------------------	---------------------------------	-------------------------------------------------------	----------------------------	----------------------------------------------

Reason for Need: ROUNDUP READY COTTON AND GLYPHOSATE TOLERANT PIGWEED

Use Pattern: (PCR): 29 OZ/A; ONE APPLIC; 1) SOIL: FOR BURNDOWN; 2) SOIL: FOR POST DIRECTED APPLIC, ANY TIME FOR APPLIC IN THE FURROWS; 4-5 WEEKS AFTER PLANTING FOR APPLIC ON UP TO 3 INCH OF THE STEM ABOVE THE GROUND; 3) FOR HARVEST AID - 140-DAY PHI FOR BURNDOWN; 85-DAY PHI FOR POST DIRECTED; 10-DAY PHI; SESAME REQUESTORS HAVE REMOVED THE INTEREST IN THIS PRODUCT BEING USED AS A HARVEST AID (06/16); MFG REQUESTS USE OF 29-43 OZ/A, 7-10 DAY INTERVAL:05/17; MFG CAN SUPPORT PRE-PLANT BURNDOWN AND POST-DIRECTED:05/18

E/CS Data Requirements: MFG HAS REQUESTED PERFORMANCE TRIALS AT 5 SITES, MULTIPLE VARIETIES:11/19

E/CS Research Comments: IN 2020 PERFORMANCE PROTOCOL: TESTING RELY PRODUCT, IN >15 GPA, APPLIED ONCE AT 1.57 LB AI/A AT 3 DIFFERENT TIMINGS RELATED TO SEEDING, AND AT 0.79 AND 1.57 LB AI/A, USING A SHIELDED SPRAYER, DIRECTED AT ROW MIDDLES AT MID-BLOOM STAGE; ADD AMMONIUM SULFATE ADJUVANT (AMS) IN EACH RELY APPLIC; EACH PLOT SHOULD INCLUDE AT LEAST 2 DIFFERENT COMMERCIALY GROWN VARIETIES OF SESAME; ASSESS CROP SAFETY AND CROP YIELD

Comments: ORIGINAL REQUEST REC'D 9/7/2012; MFG HOLD:05/13; MFG DOES NOT SUPPORT USE AS A DESICCANT/HARVEST AID; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG CONFIRMED USE AS A HARVEST AID OR A 1-DAY PHI ARE NOT SUPPORTED; A 140-DAY AND 85-DAY PHI COULD PERHAPS BE SUPPORTED:08/16; EPA CAUTION:09/16; MFG SUPPORTS, WITH RESIDUE AND PERFORMANCE:05/17; EPA CAUTION:08/17; EPA CAUTION:09/18; AT 2018 FUW, BASF CHANGED STATUS FROM RESIDUE + E/CS TO POTENTIAL:09/18

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-TXP01 Marconi, Cristina
 20-TXP02 Dotray, Peter
 20-TXP03 Carpenter, Dr Zac
 (Sesaco - no \$)
 20-TXP04 Carpenter, Dr Zac
 (Sesaco - no \$)
 20-OKP01 Carpenter, Dr Zac
 (Sesaco - no \$)



2020 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12032	<u>LAB</u> -NONE	<u>PRIORITY</u> B	<u>STUDY DIRECTOR</u> PIKE	<u>CHEMICAL (MFG)</u> ACETAMIPRID (NISSO,UPL NA)	<u>COMMODITY</u> SAFFLOWER	<u>CROP GROUP</u> SUNFLOWER SUBGROUP (20B)
-----------------------	---------------------	----------------------	-------------------------------	--------------------------------------------------------	-------------------------------	-----------------------------------------------

Reason for Need: LYGUS HESPERUS, BEET LEAF HOPPER, GREEN STINK BUG

Use Pattern: (PCR): USE THE ASSAIL 70WP PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.1 LB AI/A, 7-DAY INTERVAL, 28-DAY PHI; BY AIR, MINIMUM IS 2 GPA AND BY GROUND IS 5 GPA (MFG CAN SUPPORT UP TO 0.13 LB AI/A:06/18)

E/CS Data Requirements: NEED TO DO PERFORMANCE WORK ON SAFFLOWER AT THE SAME TIME AS ON SUNFLOWER (12668), IN ORDER TO PUT SAFFLOWER ON THE LABEL:06/19; MFG REQUEST 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 ONE OR MORE OF THE PEST TARGETS IS PRESENT (LYGUS, LEAFHOPPER, STINK BUG, ETC.); DON'T WAIT FOR DAMAGING POPULATIONS TO OCCUR BEFORE FIRST APPLIC; COLLECT DATA ON PEST EFFICACY AND CROP SAFETY; YIELD DATA ARE OPTIONAL

Comments: KEY EXPORT MARKET IS SE ASIA; CONSIDER RESIDUE STUDY ON SUNFLOWER TO COVER ALL OF SUBGROUP 20B:08/16; MFG SUPPORTS, BUT NEEDS PERFORMANCE DATA:09/16; AI IS LABELED FOR LYGUS CONTROL IN COTTON AND STRAWBERRY (0.13 LB AI/A RATE):06/18; EPA GREEN:09/18; CAN BE COVERED BY TOLERANCE FOR SUBGROUP 20B, FROM DATA GENERATED ON SUNFLOWER (PR# 12668):02/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP07	Clark, Nicholas
20-CAP08	Clark, Nicholas



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P12668	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> PIKE	<u>CHEMICAL (MFG)</u> ACETAMIPRID (NISSO,UPL NA)	<u>COMMODITY</u> SUNFLOWER	<u>CROP GROUP</u> 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 REQUEST 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

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

20-SDP03 Reicks, Graig
20-SDP04 Reicks, Graig



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12619	-NONE	+	HOMA	FLUDIOXONIL + PYDIFLUMETOFEN (SYNGEN)	ASPARAGUS	STALK AND STEM VEGETABLE SUBGROUP (22A)

Reason for Need: FUSARIUM; FUSARIUM IS AN ONGOING, CHRONIC PROBLEM FOR THE INDUSTRY

Use Pattern: (PCR): USE THE MIRAVIS PRIME PRODUCT; MAKE 4 SOIL APPLIC OF 10-13.7 FL OZ/A OF PRODUCT, AT 14-DAY INTERVALS, FOLLOWING EMERGENCE OF SEEDLINGS; PHI IS NOT APPLICABLE

E/CS Data Requirements: MFG REQUESTS 3-4 PERFORMANCE TRIALS (CA, MI, MA?), FOCUSING ON THE MIRAVIS SOLO PRODUCT, NOT THE MIXTURE; PROBABLY NEED TO USE HIGH SPRAY VOLUMES TO MOVE THE AI INTO THE SOIL; ASSESS PLANT STAND, VIGOR, AND DISEASE SEVERITY (LESIONS ON STEM ABOVE AND BELOW GROUND);10/18; IR-4 PERFORMANCE WORK FOR THIS REQUEST AND FOR PR# 12622 (THIOPHANATE-METHYL) IS BEING CAPTURED UNDER THIS 12619 REQUEST:11/18

E/CS Research Comments: IN 2019 PERFORMANCE PROTOCOL: TESTING MIRAVIS (0.178 LB AI/A), CANNONBALL WP (0.219 LB AI/A) AND TOPSIN 4.5L (2 RATES: 1.05 AND 2.10 LB AI/A), APPLIED BROADCAST TO SEED BEDS AFTER SEEDING (PRIOR TO EMERGENCE OF CROP), FOLLOWED BY A 2ND BROADCAST APPLIC 21 DAYS LATER; EVALUATE PLANT SAFETY, PLANT STAND, PLANT VIGOR, DISEASE INCIDENCE AND DISEASE SEVERITY/YIELD; IN THE 2020 PERFORMANCE PROTOCOL: FOR FUSARIUM ONLY, TESTING MIRAVIS (0.178 LB AI/A), CANNONBALL WP (0.219 LB AI/A) AND TOPSIN 4.5L (2 RATES: 1.05 AND 2.10 LB AI/A), APPLIED BROADCAST TO SEED BEDS AFTER SEEDING (PRIOR TO EMERGENCE OF CROP), FOLLOWED BY A 2ND BROADCAST APPLIC 21 DAYS LATER; FOR PHYTOPHTHORA ONLY, TESTING PRESIDIO (0.125 LB AI/A) AND RIDOMIL GOLD GR (0.25 LB AI/A) APPLIED BROADCAST TO SEED BEDS FOLLOWING EMERGENCE OF SEEDLINGS, FOLLOWED BY 3 MORE BROADCAST APPLIC AT 21-DAY INTERVALS, VS THE STANDARD RIDOMIL GOLD SL (0.50 LB AI/A) APPLIED IN A BROADCAST OR BANDED SOIL SPRAY AFTER PLANTING SEEDLINGS; EVALUATIONS AS IN 2019

Comments: NO EXPORT MARKETS NOTED; THIS IS FOR USE IN SEEDLING BEDS, 2-3 YEARS BEFORE FIRST HARVEST (NON-FOOD USE?); THERE ARE NO ASPARAGUS TOLERANCES FOR EITHER AI:08/18; MFG MADE RESEARCHABLE BY 9/13/18 EMAIL; ARE RESIDUES NEEDED, OR SHOULD THIS JUST BE AN E/CS PROJECT?:09/18; AT 2018 FUW MFG CHANGED STATUS FROM RESIDUE + E/CS TO E/CS DATA ONLY:09/18; IR-4 PERFORMANCE WORK FOR THIS REQUEST AND FOR PR# 12622 (THIOPHANATE-METHYL) IS BEING CAPTURED UNDER THIS 12619 REQUEST:11/18; REGISTRANT SUPPORTS MIRAVIS SOLO PRODUCT ONLY:04/19; EPA GREEN (BOTH):09/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-MIP03 Hausbeck, Dr. Mary K.
20-MIP04 Hausbeck, Dr. Mary K.



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12563	-NONE	A	SAMOIL	FLUPYRADIFURONE (BAYER)	OLIVE	TROPICAL AND SUBTROPICAL, SMALL FRUIT, EDIBLE PEEL SUBGROUP (23A)

Reason for Need: OLIVE FRUIT FLY - LARVAE DEVELOP IN FRUIT; INDUSTRY NEEDS MATERIAL TO ROTATE WITH FENPROPATHRIN TO REDUCE RISK OF RESISTANCE DEVELOPMENT

Use Pattern: (PCR): USE THE SIVANTO PRODUCT; MAKE 1-2 FOLIAR APPLIC OF 14 FL OZ PRODUCT/A, IN 100-150 GPA WITH AN AIRBLAST SPRAYER; NO SPRAY INTERVAL OR PHI NOTED

E/CS Data Requirements:

E/CS Research Comments: IN THE 2019 PERFORMANCE PROTOCOL: USING THE SIVANTO 200 SL PRODUCT, TEST LOW AND HIGH AI RATES (0.157 AND 0.183 LB AI/A) AND A 2X AI RATE (0.365 LB AI/A, FOR CROP SAFETY DATA ONLY), VS A REGISTERED STANDARD; MAKE THE FIRST FOLIAR DIRECTED APPLIC (IN 100-150 GPA) WHEN MONITORING TRAPS INDICATE INCREASED PEST PRESSURE, AND MAKE A 2ND APPLIC NO SOONER THAN AT A 14-DAY INTERVAL; ALL APPLIC WILL INCLUDE NU-LURE INSECT BAIT AT A LABELED RATE CONSISTENT WITH LOCAL GROWER PRACTICE; ASSESS CROP INJURY AND PEST CONTROL AT APPROPRIATE INTERVALS DURING THE COURSE OF THE STUDY; CROP YIELD/QUALITY DATA ARE OPTIONAL; THE 2020 PERFORMANCE PROTOCOL FOLLOWS DETAILS IN THE 2019 PROTOCOL

Comments: IS EXPORT COMMODITY, BUT MARKETS NOT IDENTIFIED:07/18; MFG SUPPORTS (BY 9/18/18 EMAIL), RESIDUE AND E/CS DATA NEEDED:09/18; ADDED TO 2019 RESEARCH PLAN VIA AN ACCEPTED WSR REGIONAL UPGRADE:10/18: EPA YELLOW:12/18; PERFORMANCE PROTOCOL SIGNED AND CATEGORY WILL CHANGE TO E/CS & RESIDUE ON-GOING ONCE MOR PROTOCOL IS SIGNED:01/19; REGISTRANT INDICATED THEY CONDUCTED A STUDY TO DETERMINE THE CONCENTRATION FACTOR, SO NO PROCESSING STUDY IS NEEDED AT THIS TIME:03/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-CAP06 Kron, Cindy



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12556	-NONE	A	HOMA	PROPICONAZOLE (ADAMA,SYNGEN)	DRAGON FRUIT (PITAYA)	TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D)

Reason for Need: FUNGI - BIPOLARIS, ANTHRACNOSE; ONLY 1 FUNGICIDE AVAILABLE, MORE NEEDED FOR RESISTANCE MANAGEMENT

Use Pattern: (PCR): USE THE TILT PRODUCT; MAKE 6 FOLIAR APPLIC OF 4-8 FL OZ/A, 7-14 DAY INTERVAL, 0-DAY PHI; BEGIN APPLIC AT FLOWERING AND CONTINUE UNTIL HARVEST; MAKE NO MORE THAN 2 CONSECUTIVE APPLIC BEFORE ROTATING TO ANOTHER MOA FUNGICIDE; MAX 20 FL OZ/A/YR

E/CS Data Requirements:

E/CS Research Comments: PER THE 2020 PERFORMANCE PROTOCOL: TESTING TILT 3.6E PRODUCT (3.6 LB AI/GAL) (PLUS NIS ADJUVANT - DO NOT USE AN ORGANO-SILICONE ADJUVANT) VS ABOUND STANDARD; MAKE 5 FOLIAR DIRECTED APPLIC OF 0.1125 LB AI/A (AIRBLAST OR HANDGUN) IN 80-200 GPA, 7-DAY INTERVAL, STARTING AT FLOWERING AND WHEN CONDITIONS ARE FAVORABLE FOR BIPOLARIS, ANTHRACNOSE AND FRUIT ROT PATHOGENS; EVALUATE CROP SAFETY AND EFFICACY ON FRUIT AND FOLIAGE

Comments: NO EXPORT MARKET NOTED:07/18; MFG MADE RESEARCHABLE BY 9/13/18 EMAIL:09/18; EPA GREEN:09/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-FLP07 Crane, Dr. Jonathan H.
20-FLP08 Gazis, Dr. Romina



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12560	-NONE	A	HOMA	PROPICONAZOLE (ADAMA,SYNGEN)	PASSIONFRUIT	TROPICAL AND SUBTROPICAL, VINE, INEDIBLE PEEL SUBGROUP (24E)

Reason for Need: FUNGAL PATHOGENS ON FRUIT - ALTERNARIA; ADDITIONAL ROTATIONAL MATERIALS ARE NEEDED IF RESISTANCE MANAGEMENT IS TO BE EFFECTIVE

Use Pattern: (PCR): USE THE TILT PRODUCT; MAKE 6 FOLIAR APPLIC OF 4-6 OZ/A, 7-14 DAY INTERVAL, 0-DAY PHI; BEGIN APPLIC AT FRUIT SET AND CONTINUE UNTIL HARVEST; ROTATE WITH OTHER CHEMISTRY AFTER 2 CONSECUTIVE APPLIC; DO NOT APPLY MORE THAN 20 OZ/AYR

E/CS Data Requirements: MFG REQUESTS 3-4 PERFORMANCE TRIALS; ASSESS DISEASE ON FRUIT AND FOLIAGE:10/18

E/CS Research Comments: PER 2019 PERFORMANCE PROTOCOL: TEST PROPICONAZOLE AT 0.1125 LB AI/A, IN 80-200 GPA, VS AZOXYSTROBIN + DIFENOCONAZOLE, USING FOLIAR DIRECTED, AIR BLAST OR HANDGUN APPLIC; MAKE 5 APPLIC OF TILT, 7-DAY INTERVALS WHEN FAVORABLE CONDITIONS FOR FUNGAL PATHOGENS ON FRUIT, INCLUDING ALTERNARIA, ARE PRESENT; MAKE 4 APPLIC OF QUADRI TOP AT 7-DAY INTERVALS; EVALUATE CROP INJURY AT LEAST TWICE DURING THE TRIAL, ON FRUIT AND FOLIAGE; AND MAKE DISEASE INCIDENCE AND SEVERITY ASSESSMENTS ON FRUIT AND FOLIAGE; PER 2020 PERFORMANCE PROTOCOL: TESTING SIMILAR TREATMENTS AND USE PATTERNS TO 2019 RESEARCH, AND COLLECTING SIMILAR DATA

Comments: NO EXPORT MARKET NOTED; IS A REP CROP FOR SUBGROUP 24E:07/18; MFG MADE RESEARCHABLE BY 9/13/18 EMAIL:09/18: EPA YELLOW:12/18; RESEARCHABLE, RESIDUE & E/CS DATA NEEDED - RESIDUE PROTOCOL SIGNED 03/19, STILL NEED E/CS PROTOCOL:03/19

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-FLP02 Crane, Dr. Jonathan H.
20-FLP03 Gazis, Dr. Romina



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12908	-NONE	A	BATTS	S-METOLACHLOR/METOLAC HLOR (SYNGEN,UPL NA)	CHIA	MISC GROUP (99)

Reason for Need: HQ CREATED THIS PR# FOR THE S-METOLACHLOR RESIDUE STUDY THAT IS NEEDED:10/19; FROM PR# 11666 SULFENTRAZONE + S-METOLACHLOR: GRASSY AND BROADLEAF WEEDS; NEW CROP WITH NO LABELED HERBICIDES; PER KY & TX ME-TOO REQUESTS, THIS AI COMBO IS NEEDED FOR MORE EFFECTIVE WEED CONTROL, ESPECIALLY IF CHIA IS TO BECOME A VIABLE OPTION FOR LARGER-SCALE COMMERCIAL PRODUCTION IN THE U.S.

Use Pattern: (PCR): FROM PR# 11666 SULFENTRAZONE + S-METOLACHLOR: MAKE ONE PREPLANT OR PREEMERGENCE SOIL APPLIC OF 24-32 FL OZ/A OF FORMULATED PRODUCT "AUTHORITY ELITE"; NO PHI NOTED; INCORPORATE APPLIC TO 2 INCHES IF LESS THAN 0.5 INCHES OF RAIN/IRRIGATION OCCURS WITHIN 7-10 DAYS OF APPLIC (S-MOC RATE SHOULD MATCH THE RATE AT WHICH IT WOULD BE APPLIED IN THE DUAL PRODUCT USE PATTERN REQUESTED:10/19)

E/CS Data Requirements: NEEDS TO BE CONFIRMED BY FMC:05/17

E/CS Research Comments: PER 2020 PERFORMANCE PROTOCOL: TESTING 3 RATES OF AUTHORITY ELITE (SULFENTRAZONE + S-METOLACHLOR, AT 0.64, 1.27, 2.53 LB A/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 YIELD/GRADES

Comments: FROM PR# 11666 SULFENTRAZONE + S-METOLACHLOR: FOR SULFENTRAZONE CAN EXPLORE REQUESTING CHIA TOLERANCE BASED ON ESTABLISHED REGIONAL WHEAT TOLERANCE, BUT FOR S-METOLACHLOR RESIDUE DATA ARE NEEDED:04/15; BOTH MFGS ARE SUPPORTIVE:08/15; AN IR-4 PROPOSAL HAS BEEN SUBMITTED TO CHEMSAC TO TRANSLATE THE REGIONAL WHEAT GRAIN SULFENTRAZONE TOLERANCE TO CHIA:09/15; PROPOSAL WAS ACCEPTED TO EXTRAPOLATE FROM THE EXISTING 0.15 PPM SULFENTRAZONE TOLERANCE WITH REGIONAL REGISTRATION FOR WHEAT GRAIN TO CHIA:10/15; S-METOLACHLOR IS AN EPA CAUTION:08/16; SULFENTRAZONE & S-METOLACHLOR- EPA GREENS:08/17; EPA GREEN:09/18; SYNGENTA WILL SUPPORT SOLO DUAL MAGNUM FOR THIS NEED, BUT NOT THE DUAL AI PRODUCT:05/19; EPA GREEN (BOTH):09/19;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-KYP02 Carter, Sara

20-ORP01 Peachey, Ed



2020 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

<u>PR #</u> P9493	<u>LAB</u> -NONE	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> GLUFOSINATE (BASF,UPL NA)	<u>COMMODITY</u> COFFEE	<u>CROP GROUP</u> MISC GROUP (99)
----------------------	---------------------	----------------------	--------------------------------	-------------------------------------------------------	----------------------------	--------------------------------------

Reason for Need: WEEDS, BROADLEAF AND GRASSES; PER 12/18 PR ME-TOO, NEED NEW HERBICIDES FOR WEED CONTROL AT PLANTING NEW COFFEE PLANTATIONS AND TO MAINTAIN WEED-FREE ROW MIDDLES THROUGH THE SEASON; PER PROJECT NOMINATION JUSTIFICATION COMMENTS: IS A MUCH SAFER ALTERNATIVE TO PARAQUAT FOR APPLICATORS; IS NEEDED FOR BROADLEAF AND GRASS WEED CONTROL; IS AN ALTERNATIVE TO GLYPHOSATE WHICH WILL AID IN RESISTANCE MANAGEMENT

Use Pattern: (PCR): 1-1.5 LB AI/A; MIN 20 GPA SPRAY VOLUME, 30 PSI; DIRECTED SPRAY, BROADCAST OVER ROW MIDDLES OR SPOT TREATMENT; MAX 4.5 GAL/A/YEAR; 1-DAY PHI

E/CS Data Requirements: BASF REQUIRES ONLY CROP SAFETY DATA, AND WILL SUPPORT WITH 50% OF FUNDING REQUIRED; NEED 3 TRIALS IN HI AND 3 IN PR; 2019 TRIALS ARE TO BE CONTINUED ON THE SAME COFFEE PLANTS IN 2020; NEED TO TEST 1X, 2X, 4X RATES VS A STANDARD:10/18

E/CS Research Comments:

Comments: ORIGINAL REQUEST REC'D 5/9/2005; MFG HOLD:05/05; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:04/09; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG HAS COMPLETED RESIDUE TRIALS TO SUPPORT IMPORT TOLERANCE (DID NOT SUBMIT FOR THIS:05/17), SO # OF RESIDUE TRIALS NEEDED COULD BE REDUCED; MFG SUPPORTS (RESIDUE + E/CS DATA):08/16; EPA CAUTION:09/16; EPA CAUTION:08/17; EPA CAUTION:09/18; PROCESSING LAB START DATE 12/16/19:01/20

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

20-HIP01	Coughlin, Julie
20-HIP02	Coughlin, Julie



2020 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only (Order by Crop Group, Commodity, Chemical)

Print Date: 9/16/2020

	NER	NCR	SOR	WSR	CANADA
ARS Total:		0	0	0	
Region Total:	12	19	31	32	0
Total:	12	19	31	32	0

Grand Trial Total: 94

Total # of PRs: 43
Total # Chemical: 26
Total # Commodity: 36