



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12000	-	A	HOMA	ISOFETAMID (ISK)	GINSENG	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: CYLINDROCARPON - RUSTY ROOT DISEASE

Use Pattern: (PCR): RATE/A OF ISOFETAMID NOT DEFINED; MAKE A HEAVY FOLIAR SPRAY THAT GOES INTO THE SOIL, 4-6 APPLIC AT 14-DAY INTERVALS, 14-DAY PHI; APPLY PREVENTIVELY WHEN CONDITIONS FAVOR DISEASE DEVELOPMENT:07/16; MFG RECOMMENDS USE RATE OF 0.52 LB A/A (20 FL OZ OF A 400SC PRODUCT [3.33 LB A/GAL]):09/16

E/CS Data Requirements: IN ADDITION TO WI DATA JUST PROVIDED TO IR-4 HQ, MFG WANTS TO SEE ANOTHER EFFICACY TRIAL:09/28/16

E/CS Research Comments:

Comments: KEY EXPORT MARKETS INCLUDE TAIWAN, CHIINA, HONG KONG; FEW PRODUCTS ARE EFFECTIVE AGAINST THIS PATHOGEN:07/16; MFG SUPPORTS, BUT NEED E/CS FIRST, THEN SUPPORT FOR RESIDUE MAY FOLLOW:08/16; CANADA INTEREST; MFG SUPPORTS, RESIDUE AND ONE MORE PERFORMANCE TRIAL:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-WIP03 Hausbeck, Dr. Mary K.



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P11667	-	+	BATTS	BICYCLOPYRONE (SYNGEN)	HORSERADISH	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: SMALL-SEEDED BROADLEAF WEEDS, SUCH AS GLYPHOSATE RESISTANT PALMER AMARANTH AND COMMON WATERHEMP

Use Pattern: (PCR): MAKE ONE PRE-EMERGENCE SOIL APPLIC OF 2.56-3.42 FL OZ/A; PHI NOT DEFINED; NOT FOR FOLIAR USE

E/CS Data Requirements: MFG REQUESTS E/CS DATA FROM WI AND CA:09/19/16; MFG REQUESTS 5-6 TRIALS OVER 2 YEARS WITH 3 TRIALS IN YEAR 1, 2 STANDARD RATES (<50 G A

E/CS Research Comments:

Comments: FIRST USES REGISTERED BY EPA APRIL 2015, BOTH IN 4-WAY AI MIX AND SOLO PRODUCT:04/15; MFG OBJECTIVE FOR RESIDUES, BUT E/CS DATA NEEDED FROM WI AND CA:09/19/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-WIP05 Heider, Daniel J.



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P11889	-	A	BATTS	DIQUAT (SYNGEN)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: PALMER AMARANTH AND OTHER BROADLEAF AND GRASS WEEDS; GOOD OPTION FOR NON-SELECTIVE CONTROL AND RESISTANCE MANAGEMENT

Use Pattern: (PCR): USE THE REGLONE PRODUCT; MAKE 1 APPLIC OF 0.25-0.5 LB AI/A TO PREFORMED BEDS, AFTER WEED EMERGENCE BUT PRIOR TO TRANSPLANTING SWEET POTATO SLIPS

E/CS Data Requirements: NEED 2 E/CS TRIALS WITH SPECIES-SPECIFIC WEED CONTROL DATA, AND A COUPLE CROP PHYTO EVALUATIONS (2 AND 4 WEEKS AFTER TRANSPLANT:11

E/CS Research Comments:

Comments: TOLERANCE IS ESTABLISHED ON TUBEROUS AND CORM SUBGROUP 1C; POTATO USE IS ONLY AS A PRE-HARVEST DESSICANT:04/16; MFG SUPPORTS:05/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-NCP06 Jennings, K.

17-CAP18 Stoddard, Scott



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P11775	-	A	BATTS	FLURIDONE (SEPRO)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: AMARANTHUS, SUCH AS PALMER AMARANTH

Use Pattern: (PCR): MAKE 1 PRETRANSPLANT APPLIC OF AT LEAST 9.6 OZ/A AFTER BED FORMATION; 30-45 DAY PHI (THIS PHI IS NOT ATTAINABLE WITH A SINGLE APPLIC MADE PRE-TRANSPLANT, AND USE IS SUPPORTED ONLY AS A PRE-TRANSPLANT APPLIC)

E/CS Data Requirements:

E/CS Research Comments: MFG IS AWARE OF SOME 3RD PARTY PRELIMINARY WORK EVALUATING CROP PHYTO, EFFICACY AND CROP YIELD:09/15; IN 2016 PERFORMANCE PROTOCOL, TESTING ONE SOIL BROADCAST APPLIC OF FLURIDONE AT 0.15, 0.3 AND 0.6 LB AI/A IN 10-25 GPA, AFTER LAST PRE-TRANSPLANT TILLAGE ACTIVITY, PRIOR TO AND WITHIN 14 DAYS OF TRANSPLANTING (I.E., TRANSPLANT SWEET POTATO PLANTS WITHIN 14 DAYS FOLLOWING APPLIC, TO ACHIEVE BEST RESIDUAL WEED CONTROL), COMPARED WITH A REGISTERED STANDARD; COLLECTING CROP SAFETY, WEED CONTROL AND YIELD DATA; IN 2017 PERFORMANCE PROTOCOL, TESTING ONE SOIL BROADCAST APPLIC OF FLURIDONE AT 0.2 AND 0.4 LB AI/A IN 10-25 GPA, AT THE SAME TIMING AS IN 2016 TRIALS, COMPARED WITH A REGISTERED STANDARD; COLLECTING CROP SAFETY, WEED CONTROL AND YIELD DATA

Comments: KEY EXPORT MARKET: EUROPE:08/15; MFG SUPPORTS AND IS CONSIDERING CONDUCTING SOME OF THE FIELD EFFICACY/CROP SAFETY RESEARCH:09/15; 2016 RESIDUE STUDY POSTPONED (PERFORMANCE RESEARCH CONTINUING), PENDING MFG RESOLUTION OF REGULATORY QUESTIONS:03/16; REGULATORY QUESTION IS RESOLVED; IR-4 TFM MADE THIS A "RED A" FOR 2017 RESIDUE STUDY:06/16; E/CS/ RESEARCH IS ONGOING:10/16

NER-EPA Region-FRD

17-DEP01 VanGessel, M.

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-NCP01 Jennings, K.

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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P11848	-		HOMA	FUNGICIDE (TBD)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: RHIZOPUS ROOT ROT

Use Pattern: (PCR):

E/CS Data Requirements:

E/CS Research Comments:

Comments: SEE PR# 09236 FOR ORIGINAL REQUEST FOR FLUAZINAM FOR THIS USE; MFG MAY DO SOME E/CS RESEARCH IN 2015:07/15; AT 2015 FUW, STAKEHOLDERS MADE THIS A "+" (H+) FOR THE 2016 PERFORMANCE PROGRAM:09/15; AT 2015 NRPM MADE THIS A PPWS PROJECT TO IDENTIFY CANDIDATE PRODUCTS FOR RHIZOPUS ROOT ROT CONTROL, AS THE MFG SUGGESTED FLUAZINAM MAY NOT BE EFFECTIVE ENOUGH TO PURSUE:10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-NCP03 Quesada, Dr. Lina Maria



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P10558	-	+	BATTS	GLUFOSINATE (BAYER,UPI)	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

E/CS Data Requirements: MFG REQUIRES ONLY CROP SAFETY DATA FIRST:09/16

E/CS Research Comments:

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-NCP04 Jennings, K.	17-CAP34 Stoddard, Scott
17-MSP01 Shankle, Mark W.	17-CAP35 Stoddard, Scott
17-VAP01 Cahoon, C.W.	



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P11938	-	+	DORSCHNER	INSECTICIDE (TBD)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: SOIL INSECTS INCLUDING WIREWORMS, WHITE GRUBS AND OTHER BEETLE LARVAE

Use Pattern: (PCR): MAKE ONE PREPLANT SOIL APPLIC

E/CS Data Requirements:

E/CS Research Comments:

Comments: IN NC, LOSS OF LORSBAN COULD BE DEVASTATING TO THE INDUSTRY; REPLACEMENT SOLUTIONS FOR SOIL INSECT CONTROL ARE URGENTLY NEEDED:11/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-KYP01 Bessin, Ric
17-GAP06 Riley, D.G.



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P11620	-	A	BATTS	FOMESAFEN (SYNGEN)	ONION	ONION BULB AND GREEN SUBGROUPS (03-07AB)

Reason for Need: ANNUAL BROADLEAF WEEDS; ALSO IN DIRECT-SEEDED ONIONS

Use Pattern: (PCR): USE THE REFLEX PRODUCT (2.0 LB AI/GAL); MAKE 1-2 POSTEMERGENCE FOLIAR (AFTER THE FULL 1-LEAF STAGE OF ONION) APPLIC OF 0.125-0.25 LB AI/A, 15-DAY RE-TREATMENT INTERVAL; 40-DAY PHI; DO NOT EXCEED 0.25 LB AI/A/YEAR; DO NOT USE REFLEX ON THE SAME SOIL MORE THAN ONCE IN 2 YEARS; MFG RECOMMENDS 1 APPLIC OF 0.25 LB AI/A WITH A 30-DAY PHI:02/16

E/CS Data Requirements: MFG NEEDS TO SEE SUFFICIENT CROP SAFETY DATA FROM WHICH TO DETERMINE IF REGISTRATION ON ONIONS IS ULTIMATELY SUPPORTABLE:02/15

E/CS Research Comments: IN 2016 PERFORMANCE TRIALS, EVALUATING 0.125 AND 0.25 LB AI/A RATES, WITH AND WITHOUT ADJUVANT, APPLIED ONCE FOLIAR BROADCAST TO 2-LF STAGE ONIONS, AND APPLIED TWICE - FIRST AT THE 2-LF STAGE FOLLOWED BY THE SAME TREATMENT 14 DAYS LATER, ALL IN >35 GPA; CROP INJURY, WEED CONTROL AND CROP YIELD DATA WILL BE COLLECTED

Comments: MFG INDICATES CROP ROTATION AND GEOGRAPHIC USE RESTRICTIONS WILL LIMIT USE ON ONIONS:02/15; GR ONION (SEE PR# 11857) RESIDUE TRIALS TO BE INCLUDED IN THIS ONION PROTOCOL; CROP FOR THIS REQUEST CHANGED FROM DRY BULB TO "ONION" TO INCLUDE BULB AND GREEN ONION AND COVER THE WHOLE CROP GROUP; SEE 11857 FOR GR ONION PERFORMANCE TRIAL DATA:01/16

NER-EPA Region-FRD

17-NYP01 Hoeping, Christine

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-GAP03 Culpepper, S.

WSR-EPA Region-FRD

17-ORP01 Felix, J.

CANADA-EPA Region-FRD



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P11986	-	A	DORSCHNER	ISM-555 (TBD)	ONION	ONION BULB AND GREEN SUBGROUPS (03-07AB)

Reason for Need: THRIPS TABACI, FRANKLINIELLA FUSCA & OCCIDENTALIS - RESISTANCE MANAGMENT PRODUCTS ARE NEEDED

Use Pattern: (PCR): MAKE 3 FOLIAR APPLIC OF 185 G AI/A, 7-DAY INTERVAL, 14-DAY PHI

E/CS Data Requirements: MFG REQUIRES PERFORMANCE TRIALS AT 3-4 SITES, AT 1X AND 2X RATES:10/16

E/CS Research Comments:

Comments: KEY EXPORT MARKET IS EUROPE:07/16; MADE RESEARCHABLE BY MFG:09/30/16

NER-EPA Region-FRD

17-NYP02 Nault, B.A.

NCR-EPA Region-FRD

17-WIP04 Chapman, Scott

SOR-EPA Region-FRD

17-FLP10 Martini, Xavier

WSR-EPA Region-FRD

17-CAP32 Orloff, Mr. Steve B.

CANADA-EPA Region-FRD



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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11857	-		BATTS	FOMESAFEN (SYNGEN)	ONION (GREEN)	ONION, GREEN SUBGROUP (03-07B)

Reason for Need: ANNUAL BROADLEAF WEEDS (IN DIRECT-SEEDED GR ONIONS)

Use Pattern: (PCR): USE THE REFLEX PRODUCT; MAKE 1-2 POSTEMERGENCE FOLIAR (AFTER THE FULL 1-LEAF STAGE OF ONION) APPLIC OF 0.125-0.25 LB AI/A, 15-DAY INTERVAL, 30-DAY PHI; DO NOT EXCEED 0.25 LB AI/A/YEAR

E/CS Data Requirements:

E/CS Research Comments: IN 2016 PERFORMANCE TRIALS, EVALUATING 0.125/0.25/0.5 LB AI/A, OR 0.195/0.375/0.75 LB AI/A RATES AT PRE (WITHOUT ADJUVANT, AFTER SEEDING BUT BEFORE ONION EMERGENCE) AND FOLIAR BROADCAST (WITH ADJUVANT, 28 DAYS AFTER PLANTING) TIMINGS, ALL IN 10-20 GPA; CROP INJURY, WEED CONTROL AND CROP YIELD DATA WILL BE COLLECTED

Comments: DEVELOPMENT OF RESIDUE DATA CAN BE INCLUDED WITHIN BULB ONION PROJECT #11620:12/15; MFG MADE GREEN ONION RESEARCHABLE; RESIDUE TRIALS INCLUDED WITH BULB ONION TRIALS IN PROTOCOL 11620, BUT PERFORMANCE TRIALS ON GR ONION ARE CAPTURED WITH THIS GR ONION PR:01/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-SC*P01 Wade, Paul

17-CAP04 Turner, B.(Woodland)
17-ORP02 Peachey, Ed



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P12029	-	A	BATTS	PROMETRYN (ADAMA,SYNGEN)	SPINACH	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: REDUCE THE PLANT BACK RESTRICTION FROM 12 MONTHS TO 3-4 MONTHS FOR SPINACH, FOLLOWING USE ON CILANTRO PER REGISTERED CAPAROL LABEL

Use Pattern: (PCR): USE CAPAROL 4L PRODUCT PER REGISTERED LABEL USE DIRECTIONS FOR WEED CONTROL IN CILANTRO

E/CS Data Requirements: MFG REQUIRES MINIMUM OF 2 CROP SAFETY TRIALS WITH SPINACH, PREFERABLY IN CA, WITH EVALUATIONS AT THE DESIRED 3-MONTH PLANTBACK IN

E/CS Research Comments:

Comments: SEE ALSO PROJECT REQUESTS 12034/CABBAGE (FOR REQUESTED NAPA CABBAGE), 12035/BROCCOLI (FOR REQUESTED BRUSSELS SPROUTS) AND 12036/BELL AND NON-BELL PEPPER WHICH WERE ALL PART OF THE ORIGINAL REQUEST:08/16; MFG SUPPORTS FOR RESIDUE WORK, BUT SIMULTANEOUS SPINACH PLANTBACK CROP SAFETY TRIALS ARE REQUIRED:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP19 Fennimore, S.
17-CAP20 Daugovish, Oleg



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P11792	-	H	DORSCHNER	ZETA-CYPERMETHRIN (FMC)	WATERCRESS	BRASSICA LEAFY GREENS SUBGROUP (04-16B)

Reason for Need: LEAFHOPPERS (MACROSTELAS LEAFHOPPERS TRANSMIT A PHYTOPLASMA WHICH CAUSES YELLOWING AND STUNTING)

Use Pattern: (PCR): USE THE MUSTANG PRODUCT; MAKE 3 FOLIAR APPLIC OF 4.3 OZ/A, 7-DAY INTERVALS, 1-DAY PHI (SIMILAR TO THE BRASSICA USE PATTERN)

E/CS Data Requirements: MFG REQUESTS 1 MORE PERFORMANCE TRIAL:06/16; RESULTS OF 2017 TRIAL SATISFY MFG REQUIRED DATA:07/17

E/CS Research Comments:

Comments: COULD CONSIDER SEEKING TOLERANCE BASED ON EXISTING TOLERANCE ON CROP SUBGROUP 5B (THE SUBGROUP THAT HAS BEEN PROPOSED TO INCLUDE WATERCRESS):08/15; AT 2015 FUW, MFG CONFIRMED SUPPORT (NEED E/CS DATA BEFORE APPROVAL FOR RESIDUE) FOR THIS REQUEST (MUST BE AWARE OF MAX USE RATE PER SEASON POSSIBLY LIMITED BY MAX USE RATE ON RICE AND AQUATIC DISSIPATION STUDY THAT SUPPORTS RICE [AND MAY BE REQUIRED IN SUPPORT OF WATERCRESS]):09/15; CAN REQUEST TOLERANCE BASED ON MUSTARD GREENS TOLERANCE, AFTER ADDITIONAL EFFICACY DATA IS GENERATED:06/16; SINGLE EFFICACY TRIAL BEING PLANNED FOR 2017, FUNDED BY SOR AND CO-SPONSORED BY B&W GROWERS:12/16; MFG IS NOW SATISFIED WITH PERFORMANCE DATA AND SUPPORTS IR-4 REQUESTING A TOLERANCE BASED ON THE EXISTING MUSTARD GREENS TOLERANCE (REP CROP FOR SUBGROUP 4-16B):07/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FLP13 Smith, H.A.



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P10557	-NONE	+	BATTS	SULFENTRAZONE (FMC)	BROCCOLI	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: HOPHORNBEAN COPPERLEAF, PIGWEED

Use Pattern: (PCR): POST-TRANSPLANT DIRECTED BETWEEN THE ROWS; 2.25-12.0 OZ A/A; 1 SOIL APPLIC; 30-DAY PHI

E/CS Data Requirements: MFG REQUEST AN E/CS TRIAL IN GA:06/17

E/CS Research Comments:

Comments: MFG REQUIRES E/CS DATA PRIOR TO RESIDUE STUDY:09/12; TOLERANCE IS ESTABLISHED, PRE-PLANT USE IS REGISTERED:09/14; E/CS RESEARCH IS ONGOING, BUT NEED MORE POST-TRANSPLANT E/CS DATA BEFORE RESIDUE STUDY:06/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-NCP05 Batts, Roger B.
17-FLP11 Boyd, Nathan



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P12023	-NONE	+	BATTS	PYROXASULFONE (KICHEM)	PEA (DRY)	DRIED SHELLED PEA/BEAN (EXCEPT SOYBEAN) SUBGROUP (06C)

Reason for Need: PALMER AMARANTH, OTHER BROADLEAF WEEDS AND ANNUAL GRASSES (ALS, PPO, AND GLYPHOSATE RESISTANT P. AMARANTH IS ECONOMICALLY DAMAGING, WITH NO OTHER EFFECTIVE HERBICIDE OPTIONS)

Use Pattern: (PCR): USE THE ZIDUA PRODUCT; APPLY 0.112-0.22 LB AI/A, PRE AND EARLY POST; 2 APPLIC, 10-DAY INTERVAL, NO PHI; DIRECTIONS FOR USE SHOULD BE AS LABELED FOR ZIDUA 85 WG OR WITH MODIFICATIONS; APPLY NO MORE THAN 0.18 LB AI/A/SEASON

E/CS Data Requirements: PEA AND LENTIL COUNCIL SEEKING DATA FROM RESEARCHERS- NONE REC'D YET:10/12/16

E/CS Research Comments:

Comments: PERFORMANCE DATA FROM DATA MINING ORIGINALLY FIRST RECEIVED 8/05:08/16; MFG HAS SUBMITTED DATA TO EPA TO SUPPORT A SUBGROUP 6C TOLERANCE (COVERS DRY PEA), SO NO RESIDUE DATA ARE NEEDED; BUT EFFICACY AND CROP SAFETY DATA ARE NEEDED TO SUPPORT A LABEL ON DRY PEA; MFG INDICATED THEY WILL ASSIST IN CONDUCT OF THE FIELD RESEARCH:08/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-ARP02	Burgos, N.
17-TNP01	Steckel, Larry



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P12021	-	A	BATTS	GLUFOSINATE (BAYER,UPI)	TOMATO	TOMATO SUBGROUP (08-10A)

Reason for Need: ANNUAL BROADLEAF WEEDS AND GRASS SPECIES; WILL HELP MANAGE ALS AND GLYPHOSATE RESISTANT WEEDS, AND HELP WITH SEDGES, BOTH PREPLANT AND ROW MIDDLES

Use Pattern: (PCR): USE LIBERTY 280 OR RELY 280 PRODUCT; APPLY 0.75 LB AI/A POSTEMERGENCE TO WEEDS, AFTER CROP ESTABLISHMENT OR POST-TRANSPLANTING; NO PHI SPECIFIED; USE A HOODED OR SHIELDED APPLIC; CAN BE USED WITH PLASTICULTURE, OR ROW MIDDLES IN WIDE-ROW CROPS:08/16; FROM GA STAKEHOLDER, USE PATTERNS THAT NEED TO BE COVERED WITH THE RESIDUE PROGRAM INCLUDE: PREPLANT BAREGROUND TRANSPLANTS, PREPLANT AND PRE SEEDED, PREPLANT OVER MULCH WASH OFF PRIOR TO TRANSPLANT, AND ROW MIDDLE HOODED SPRAY:09/16

E/CS Data Requirements:

E/CS Research Comments: TESTING RELY 280 PRODUCT, WITH THE SAME TREATMENTS IN BARE GROUND AND PLASTIC MULCH CULTURE; COMPARE 0.44, 0.88 AND 1.17 LB AI/A RATES APPLIED BROADCAST TO THE SOIL OR OVER THE MULCH, PRE-TRANSPLANT, WITH THE 0.44 LB AI/A RATE APPLIED TWICE 10-14 DAYS APART STARTING WHEN WEEDS ARE 3-4 INCHES TALL OR 2 WK AFTER TRANSPLANTING, USING A HOODED/SHIELDED BAND TO ROW MIDDLES; ALL RATES ARE APPLIED IN >15 GPA; EVALUATE CROP YIELD AND CROP INJURY; SEE PROTOCOL FOR OTHER APPLIC DETAILS

Comments: MFG SUPPORTS:08/16; EPA CAUTION:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FLP04 Boyd, Nathan
17-VAP02 Cahoon, C.W.

17-CAP21 Hanson, Brad



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11677	-	A	DORSCHNER	AFIDOPYROPEN (BASF)	TOMATO (GH)	TOMATO SUBGROUP (08-10A)

Reason for Need: APHIDS AND PSYLLIDS

Use Pattern: (PCR): TBD BY THE MFG:05/15; MFG REQUESTS THE FOLLOWING: FOLIAR APPLIC AT 7-DAY SPRAY INTERVAL, USING 10-50 G AI/HA, DEPENDING ON TARGET SPECIES; MAX 125 G AI/HA/CROP; PHI TO BE AS SHORT AS POSSIBLE (TBD):09/15

E/CS Data Requirements: MFG SUPPORTS THE NEED FOR 3 TRIALS WITH CONSISTENT RESULTS:09/15

E/CS Research Comments: MFG NEEDS SUFFICIENT DATA FOR REGISTRATION IN CA:08/15

Comments: ALSO KNOWN BY CODE NAME BAS 440 I; KEY EXPORT MARKET IS CANADA:05/15; MFG SUPPORTS FOR BOTH PRODUCTION AND CONSUMER TRANSPLANTS; WILL TRY TO COVER EGGPLANT (PR# 11796) VIA CROP GROUP IF RESIDUE WORK IS DONE ON GH TOMATO AND GH PEPPER (PR# 11676):08/15; MFG MAY ASSIST WITH SAMPLE ANALYSES AND E/CS DATA DEVELOPMENT:09/15; CANADA INTEREST (ANY 4 TRIALS):10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP05	Kund, Greg
17-CAP06	Kund, Greg



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11450	-NONE	A	DORSCHNER	CYFLUMETOFEN (BASF)	TOMATO (GH)	TOMATO SUBGROUP (08-10A)

Reason for Need: MITES

Use Pattern: (PCR): 0.179 LB AI/A OF NEALTA; 2 FOLIAR APPLIC AT A 7-DAY RETREATMENT INTERVAL; 1-DAY PHI

E/CS Data Requirements: NO MORE EFFICACY DATA NEEDED TO SUPPORT TSSM CONTROL ON GH TOMATO, BUT 2 MORE CROP SAFETY TRIALS ARE NEEDED:06/16

E/CS Research Comments: 2015 PERFORMANCE PROTOCOL INCLUDES 1X & 2X RATES OF CYFLUMETOFEN (13.7 & 27.4 FL OZ/A OF NEALTA) + NIS ADJUVANT VS A STANDARD, WITH ONE APPLIC MADE WHEN MITES REACH A TREATMENT THRESHOLD; COLLECTING CROP INJURY AND PEST CONTROL DATA, AND OPTIONALLY CROP YIELD/QUALITY; MFG REQUESTS THE FOLLOWING CROP SAFETY TRIALS: 1 EACH ON GH MED-LARGE AND SMALL FRUITED TOMATO; TEST 2 COMMERCIAL VARIETIES FOR EACH (NOT THE LANAI VARIETY); TEST 1X AND 2X PLUS ADJUVANT AND UTC, ONLY 1 APPLIC; MFG TO PROVIDE FUNDING SUPPORT:06/16

Comments: FOR FRUIT PRODUCTION ONLY; MFG NOT SUPPORTING USE ON GH TRANSPLANTS FOR RETAIL; TOLERANCE OF 0.4 PPM IS ESTABLISHED ON TOMATO:09/14; CANADA WILL USE U.S. RESIDUE DATA (NEED ANY 4 TRIALS), AND CONDUCT E/CS TRIALS:10/14; ALL DATA RECEIVED AT HQ FOR RESIDUE, E/CS STILL ON-GOING: 06/17;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-WIP01 Chapman, Scott

17-GAP01 Srinivasan, Rajagopalbabu

17-CAP01 Lewis, Milo



2017 Tentative/Scheduled Studies

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(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12022	-	A	BATTS	GLUFOSINATE (BAYER,UPI)	PEPPER (BELL & NONBELL)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: ANNUAL BROADLEAF WEEDS AND GRASS SPECIES; WILL HELP MANAGE ALS AND GLYPHOSATE RESISTANT WEEDS, AND HELP WITH SEDGES, BOTH PREPLANT AND ROW MIDDLES

Use Pattern: (PCR): USE LIBERTY 280 OR RELY 280 PRODUCT; APPLY 0.75 LB A/A POSTEMERGENCE TO WEEDS, AFTER CROP ESTABLISHMENT OR POST-TRANSPLANTING; NO PHI SPECIFIED; USE A HOODED OR SHIELDED APPLIC; CAN BE USED WITH PLASTICULTURE, OR ROW MIDDLES IN WIDE-ROW CROPS:08/16; FROM GA STAKEHOLDER, USE PATTERNS THAT NEED TO BE COVERED WITH THE RESIDUE PROGRAM INCLUDE: PREPLANT BAREGROUND TRANSPLANTS, PREPLANT AND PRE SEEDED, PREPLANT OVER MULCH WASH OFF PRIOR TO TRANSPLANT, AND ROW MIDDLE HOODED SPRAY:09/16

E/CS Data Requirements:

E/CS Research Comments:

Comments: MFG SUPPORTS:08/16; EPA CAUTION:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FLP05 Boyd, Nathan
17-VAP03 Cahoon, C.W.

17-CAP22 Smith, Dr. Richard



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11676	-	A	DORSCHNER	AFIDOPYROPEN (BASF)	PEPPER (GH)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: APHIDS AND PSYLLIDS

Use Pattern: (PCR): TBD BY THE MFG:05/15; MFG REQUESTS THE FOLLOWING: FOLIAR APPLIC AT 7-DAY SPRAY INTERVAL, USING 10-50 G AI/HA, DEPENDING ON TARGET SPECIES; MAX 125 G AI/HA/CROP; PHI TO BE AS SHORT AS POSSIBLE (TBD):09/15

E/CS Data Requirements: MFG SUPPORTS THE NEED FOR 3 TRIALS WITH CONSISTENT RESULTS:09/15

E/CS Research Comments: MFG NEEDS SUFFICIENT DATA FOR REGISTRATION IN CA:08/15

Comments: ALSO KNOWN BY CODE NAME BAS 440 I; KEY EXPORT MARKET IS CANADA:05/15; MFG SUPPORTS FOR BOTH PRODUCTION AND CONSUMER TRANSPLANTS; WILL TRY TO COVER EGGPLANT (PR# 11796) VIA CROP GROUP IF RESIDUE WORK IS DONE ON GH TOMATO (PR# 11677) AND GH PEPPER:08/15; MFG MAY ASSIST WITH SAMPLE ANALYSES AND E/CS DATA DEVELOPMENT:09/15; CANADA INTEREST (ANY 4 TRIALS):10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP07 Kund, Greg
17-CAP08 Kund, Greg



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11451	-NONE	A	DORSCHNER	CYFLUMETOFEN (BASF)	PEPPER (GH)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: MITES

Use Pattern: (PCR): 0.179 LB AI/A OF NEALTA; 2 FOLIAR APPLIC AT A 7-DAY RETREATMENT INTERVAL; 1-DAY PHI

E/CS Data Requirements: NO MORE EFFICACY DATA NEEDED TO SUPPORT TSSM CONTROL ON GH PEPPER, BUT 2 MORE CROP SAFETY TRIALS ARE NEEDED:06/16

E/CS Research Comments: 2015 PERFORMANCE PROTOCOL INCLUDES 1X & 2X RATES OF CYFLUMETOFEN (13.7 & 27.4 FL OZ/A OF NEALTA) + NIS ADJUVANT VS A STANDARD, WITH ONE APPLIC MADE WHEN MITES REACH A TREATMENT THRESHOLD; COLLECTING CROP INJURY AND PEST CONTROL DATA, AND OPTIONALLY CROP YIELD/QUALITY; MFG REQUESTS THE FOLLOWING CROP SAFETY TRIALS: 1 EACH ON BELL AND NON BELL PEPPER; TEST 2 COMMERCIAL VARIETIES FOR EACH (NOT THE ARISTOTLE VARIETY); TEST 1X AND 2X PLUS ADJUVANT AND UTC, ONLY 1 APPLIC; MFG TO PROVIDE FUNDING SUPPORT:06/16

Comments: CANADA WILL USE U.S. RESIDUE DATA (NEED ANY 4 TRIALS) AND CONDUCT E/CS TRIALS:10/14; ALL DATA RECEIVED AT HQ FOR RESIDUE, E/CS STILL ON-GOING: 06/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-WIP02 Chapman, Scott

17-FLP02 Liburd, Oscar

17-CAP02 Lewis, Milo



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12018	-	A	BATTS	GLUFOSINATE (BAYER,UPI)	CANTALOUPE	MELON SUBGROUP (09A)

Reason for Need: ANNUAL BROADLEAF WEEDS AND GRASS SPECIES; WILL HELP MANAGE ALS AND GLYPHOSATE RESISTANT WEEDS, AND HELP WITH SEDGES, BOTH PREPLANT AND ROW MIDDLES

Use Pattern: (PCR): USE LIBERTY 280 OR RELY 280 PRODUCT; APPLY 0.75 LB AI/A POSTEMERGENCE TO WEEDS, AFTER CROP ESTABLISHMENT OR POST-TRANSPLANTING; NO PHI SPECIFIED; USE A HOODED OR SHIELDED APPLIC; CAN BE USED WITH PLASTICULTURE, OR ROW MIDDLES IN WIDE-ROW CROPS:08/16; FROM GA STAKEHOLDER, USE PATTERNS THAT NEED TO BE COVERED WITH THE RESIDUE PROGRAM INCLUDE: PREPLANT BAREGROUND TRANSPLANTS, PREPLANT AND PRE SEEDED, PREPLANT OVER MULCH WASH OFF PRIOR TO TRANSPLANT, AND ROW MIDDLE HOODED SPRAY:09/16

E/CS Data Requirements:

E/CS Research Comments: IN 2017 PERF. PROTOCOL, TESTING VARIOUS RATES, PLACEMENT AND TIMINGS IN 4 DIFFERENT TYPES OF PLANTINGS (TRANSPLANTED AND SEEDED LOPES IN BARE GROUND AND PLASTIC MULCH CULTURES); ACCESS THE PROTOCOL ON THE IR-4 WEBSITE FOR FULL DETAILS; COLLECTING CROP INJURY AND YIELD DATA

Comments: NEED TOLERANCE FOR ENTIRE CROP SUBGROUP 9A TO COVER WATERMELONS; MFG SUPPORTS; CANADA INTEREST:08/16; EPA CAUTION:09/16

NER-EPA Region-FRD

17-NJP02 Besancon, Thierry

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-FLP06 Boyd, Nathan

WSR-EPA Region-FRD

17-CAP23 Hanson, Brad

CANADA-EPA Region-FRD



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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12019	-	A	BATTS	GLUFOSINATE (BAYER,UPI)	CUCUMBER	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: ANNUAL BROADLEAF WEEDS AND GRASS SPECIES; WILL HELP MANAGE ALS AND GLYPHOSATE RESISTANT WEEDS, AND HELP WITH SEDGES, BOTH PREPLANT AND ROW MIDDLES

Use Pattern: (PCR): USE LIBERTY 280 OR RELY 280 PRODUCT; APPLY 0.75 LB AI/A POSTEMERGENCE TO WEEDS, AFTER CROP ESTABLISHMENT OR POST-TRANSPLANTING; NO PHI SPECIFIED; USE A HOODED OR SHIELDED APPLIC; CAN BE USED WITH PLASTICULTURE, OR ROW MIDDLES IN WIDE-ROW CROPS:08/16; FROM GA STAKEHOLDER, USE PATTERNS THAT NEED TO BE COVERED WITH THE RESIDUE PROGRAM INCLUDE: PREPLANT BAREGROUND TRANSPLANTS, PREPLANT AND PRE SEEDED, PREPLANT OVER MULCH WASH OFF PRIOR TO TRANSPLANT, AND ROW MIDDLE HOODED SPRAY:09/16

E/CS Data Requirements:

E/CS Research Comments: IN 2017 PERF. PROTOCOL, TESTING VARIOUS RATES, PLACEMENT AND TIMINGS IN 4 DIFFERENT TYPES OF PLANTINGS (TRANSPLANTED AND SEEDED CUCUMBERS IN BARE GROUND AND PLASTIC MULCH CULTURES); ACCESS THE PROTOCOL ON THE IR-4 WEBSITE FOR FULL DETAILS; COLLECTING CROP INJURY AND YIELD DATA

Comments: MFG SUPPORTS; CANADA INTEREST:08/16; EPA CAUTION:09/16

NER-EPA Region-FRD

17-DEP02 VanGessel, M.

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-FLP07 Boyd, Nathan

WSR-EPA Region-FRD

17-CAP24 Hanson, Brad

CANADA-EPA Region-FRD



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11675	-	A	DORSCHNER	AFIDOPYROPEN (BASF)	CUCUMBER (GH)	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: APHIDS AND WHITEFLIES.

Use Pattern: (PCR): TBD BY THE MFG:05/15; MFG REQUESTS THE FOLLOWING: FOLIAR APPLIC AT 7-DAY SPRAY INTERVAL, USING 10-50 G AI/HA, DEPENDING ON TARGET SPECIES; MAX 125 G AI/HA/CROP; PHI TO BE AS SHORT AS POSSIBLE (TBD):09/15

E/CS Data Requirements: MFG SUPPORTS THE NEED FOR 3 TRIALS WITH CONSISTENT RESULTS:09/15

E/CS Research Comments: MFG NEEDS SUFFICIENT DATA FOR REGISTRATION IN CA:08/15

Comments: ALSO KNOWN BY CODE NAME BAS 440 I; KEY EXPORT MARKET IS CANADA:05/15; MFG SUPPORTS FOR BOTH PRODUCTION AND CONSUMER TRANSPLANTS:08/15; MFG MAY ASSIST WITH SAMPLE ANALYSES AND E/CS DATA DEVELOPMENT:09/15; CANADA INTEREST (ANY 4 TRIALS):10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-GAP04 Srinivasan, Rajagopalbabu



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12020	-	A	BATTS	GLUFOSINATE (BAYER,UPI)	SQUASH (SUMMER)	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: ANNUAL BROADLEAF WEEDS AND GRASS SPECIES; WILL HELP MANAGE ALS AND GLYPHOSATE RESISTANT WEEDS, AND HELP WITH SEDGES, BOTH PREPLANT AND ROW MIDDLES

Use Pattern: (PCR): USE LIBERTY 280 OR RELY 280 PRODUCT; APPLY 0.75 LB AI/A POSTEMERGENCE TO WEEDS, AFTER CROP ESTABLISHMENT OR POST-TRANSPLANTING; NO PHI SPECIFIED; USE A HOODED OR SHIELDED APPLIC; CAN BE USED WITH PLASTICULTURE, OR ROW MIDDLES IN WIDE-ROW CROPS:08/16; FROM GA STAKEHOLDER, USE PATTERNS THAT NEED TO BE COVERED WITH THE RESIDUE PROGRAM INCLUDE: PREPLANT BAREGROUND TRANSPLANTS, PREPLANT AND PRE SEEDED, PREPLANT OVER MULCH WASH OFF PRIOR TO TRANSPLANT, AND ROW MIDDLE HOODED SPRAY:09/16

E/CS Data Requirements:

E/CS Research Comments: IN 2017 PERF. PROTOCOL, TESTING VARIOUS RATES, PLACEMENT AND TIMINGS IN 4 DIFFERENT TYPES OF PLANTINGS (TRANSPLANTED AND SEEDED SQUASH IN BARE GROUND AND PLASTIC MULCH CULTURES); ACCESS THE PROTOCOL ON THE IR-4 WEBSITE FOR FULL DETAILS; COLLECTING CROP INJURY AND YIELD DATA

Comments: MFG SUPPORTS; CANADA INTEREST:08/16; EPA CAUTION:09/16

NER-EPA Region-FRD

17-NJP03 Besancon, Thierry

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-FLP08 Boyd, Nathan

WSR-EPA Region-FRD

17-CAP25 Hanson, Brad

CANADA-EPA Region-FRD



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Efficacy/Crop Safety (E/CS) Only

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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11747	-	A	DORSCHNER	CYFLUMETOFEN (BASF)	CHERRY	CHERRY SUBGROUP (12-12A)

Reason for Need: TWO SPOTTED SPIDER MITE, EUROPEAN RED MITE

Use Pattern: (PCR): USE THE NEALTA 200 SC PRODUCT; MAKE 2 FOLIAR APPLIC OF 13.7 FL OZ/A IN 50-150 GPA, 7-DAY INTERVAL, 7-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: MFG REQUESTS EXAGGERATED RATES TO TEST CROP SAFETY, CONSECUTIVE YEARS TESTING, VARIETY SCREENINGS, ETC.; NEED SUFFICIENT DATA FOR CA:08/15; FOR 2016 CROP SAFETY TESTING, SEE DETAILS OF FOUR TREATMENT REGIMENS IN THE SIGNED PERFORMANCE PROTOCOL; IN 2017 PROTOCOL, TESTING CROP SAFETY ONLY, WITH 2 RATES OF CYFLUMETOFEN (NEALTA), WITH AND WITHOUT NIS ADJUVANT, 2 APPLIC AT A 1-WEEK INTERVAL; COLLECTING CROP INJURY AND CROP YIELD/QUALITY DATA

Comments: MFG SUPPORTS:08/15; CANADA INTEREST (ZONES - SWEET: 5 9 11-3; TART: 5-4 14):10/15; NY TRIAL LOST IN 2016 WAS REPEATED IN 2016:10/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP09 Hanson, Brad
17-ORP03 DeFrancesco, Mr. Joe
17-WAP02 Walsh, Dr. Doug



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11761	-	A	DORSCHNER	CYFLUMETOFEN (BASF)	PEACH	PEACH SUBGROUP (12-12B)

Reason for Need: TWO SPOTTED SPIDER MITE, EUROPEAN RED MITE

Use Pattern: (PCR): USE THE NEALTA 200SC PRODUCT; MAKE 2 FOLIAR APPLIC OF 13.7 FL OZ/A IN 50-150 GPA, 7-DAY INTERVAL, 7-DAY PHI

E/CS Data Requirements: CANADA DOING 2 PERFORMANCE TRIALS IN 2016

E/CS Research Comments: MFG REQUESTS EXAGGERATED RATES TO TEST CROP SAFETY, CONSECUTIVE YEARS TESTING, VARIETY SCREENINGS, ETC.; NEED SUFFICIENT DATA FOR CA:08/15; FOR 2016 CROP SAFETY TESTING, SEE DETAILS OF FOUR TREATMENT REGIMENS IN THE SIGNED PERFORMANCE PROTOCOL; IN 2017 PROTOCOL, TESTING CROP SAFETY ONLY, WITH 2 RATES OF CYFLUMETOFEN (NEALTA), WITH AND WITHOUT NIS ADJUVANT, 2 APPLIC AT A 1-WEEK INTERVAL; COLLECTING CROP INJURY AND CROP YIELD/QUALITY DATA

Comments: MFG SUPPORTS:08/15; CANADA INTEREST (ZONES 5-4 11):10/15; NY TRIAL LOST IN 2016 WAS REPEATED IN 2016:10/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP10	Hanson, Brad
17-CAP11	Hanson, Brad



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11762	-	A	DORSCHNER	CYFLUMETOFEN (BASF)	PLUM	PLUM SUBGROUP (12-12C)

Reason for Need: TWO SPOTTED SPIDER MITE, EUROPEAN RED MITE

Use Pattern: (PCR): USE THE NEALTA 200SC PRODUCT; MAKE 2 FOLIAR APPLIC OF 13.7 FL OZ/A IN 50-150 GPA, 7-DAY INTERVAL, 7-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: MFG REQUESTS EXAGGERATED RATES TO TEST CROP SAFETY, CONSECUTIVE YEARS TESTING, VARIETY SCREENINGS, ETC.; NEED SUFFICIENT DATA FOR CA:08/15; FOR 2016 CROP SAFETY TESTING, SEE DETAILS OF FOUR TREATMENT REGIMENS IN THE SIGNED PERFORMANCE PROTOCOL; IN 2017 PROTOCOL, TESTING CROP SAFETY ONLY, WITH 2 RATES OF CYFLUMETOFEN (NEALTA), WITH AND WITHOUT NIS ADJUVANT, 2 APPLIC AT A 1-WEEK INTERVAL; COLLECTING CROP INJURY AND CROP YIELD/QUALITY DATA

Comments: MFG SUPPORTS:08/15; CANADA INTEREST (ZONES 5-2 11):10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-ORP04 DeFrancesco, Mr. Joe
17-CAP12 Hanson, Brad



2017 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11794	-	A	HOMA	PYDIFLUMETOFEN (FTH 545) (SYNGEN)	CANEBERRY	CANEBERRY SUBGROUP (13-07A)

Reason for Need: BOTRYTIS GRAY MOLD

Use Pattern: (PCR): 2-3 APPLIC; NEED ADDITIONAL USE PATTERN DETAILS; FROM MFG 05/16; DFU SHOULD MATCH STRAWBERRY AND BLUEBERRY; 150 G AI/HA, 2 FOLIAR APPLIC, 7-DAY INTERVAL, 0-DAY PHI

E/CS Data Requirements: MFG PREFERS 4-6 E/CS TRIALS, WITH 2 FOLIAR APPLIC OF 150 G AI/HA (USE A19649 WITH 200 G AI/L CONCENTRATION), 7-DAY INTERVAL, 0-DAY PHI:10/16

E/CS Research Comments:

Comments: NEED ADDITIONAL CHEMICAL CLASSES WITH A SHORT PHI FOR FUNGICIDE RESISTANCE MANAGEMENT:08/15; MFG SUPPORTS; CONSIDER TRIALS NEEDED IN RESIDUE STUDY FOR CODEX MRLS:09/15; IS AN "A" PRIORITY FOR CANADA IN 2017:09/16

NER-EPA Region-FRD

17-WVP01 Rahman, M. Mahfuz

NCR-EPA Region-FRD

17-MIP02 Schilder, Dr. Annemiek

SOR-EPA Region-FRD

WSR-EPA Region-FRD

17-WAP01 Walters, Thomas
17-CAP26 Bolda, Mr. Mark

CANADA-EPA Region-FRD



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u> P11680	<u>LAB</u> -	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> DORSCHNER	<u>CHEMICAL (MFG)</u> AFIDOPYROPEN (BASF)	<u>COMMODITY</u> STRAWBERRY (GH)	<u>CROP GROUP</u> LOW GROWING BERRY SUBGROUP (13-07G)
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Reason for Need: APHIDS & WHITEFLIES; RESISTANCE MANAGEMENT; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY

Use Pattern: (PCR): FOLIAR APPLIC; OTHER DETAILS TBD BY THE MFG:05/15; MFG REQUESTS THE FOLLOWING: FOLIAR APPLIC AT 7-DAY SPRAY INTERVAL, USING 10-50 G AI/HA, DEPENDING ON TARGET SPECIES; MAX 125 G AI/HA/CROP; PHI TO BE AS SHORT AS POSSIBLE (TBD):09/15

E/CS Data Requirements: MFG SUPPORTS THE NEED FOR 3 TRIALS WITH CONSISTENT RESULTS:09/15

E/CS Research Comments: MFG NEEDS SUFFICIENT DATA FOR REGISTRATION IN CA:08/15; FOR WHITEFLY CONTROL NEED HIGHER RATE THAN FOR APHIDS, SO RESIDUE PROTOCOL NEEDS TO REFLECT THIS:10/15

Comments: ALSO KNOWN BY CODE NAME BAS 440 I:05/15; MFG SUPPORTS FOR BOTH PRODUCTION AND CONSUMER TRANSPLANTS:08/15; MFG MAY ASSIST WITH SAMPLE ANALYSES AND E/CS DATA DEVELOPMENT:09/15; CANADA INTEREST (ANY 3 TRIALS):10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP13 Lewis, Milo



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<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11890	-	A	DORSCHNER	CYFLUMETOFEN (BASF)	STRAWBERRY (GH)	LOW GROWING BERRY SUBGROUP (13-07G)

Reason for Need: MITES; NEED ADDITIONAL CONTROL OPTIONS FOR THE GH INDUSTRY THAT DON'T DESTROY BIOLOGICAL CONTROLS

Use Pattern: (PCR): USE THE NEALTA PRODUCT; MAKE 2 FOLIAR APPLIC OF 0.179 LB AI/A IN 25-100 GPA, 7-DAY INTERVAL, 1-DAY PHI

E/CS Data Requirements: PROPOSED BY MFG (TO BE CONFIRMED): 3 E/CS TRIALS, INCLUDING 1X AND 2X RATES; NEED DATA SUFFICIENT FOR CA (3 TRIALS); MAY NEED OTHER CF

E/CS Research Comments:

Comments: BEFORE MFG SUPPORTS, MUST AGREE WITH IR-4 ABOUT REQUIRED PRODUCT PERFORMANCE PROGRAM:04/16; MFG TO REASSESS E/CS DATA NEEDS AND CONFIRM HOW IR-4 CAN PROCEED:05/16; MFG SUPPORTS THIS GH USE; TOLERANCE IS ALREADY ESTABLISHED FOR FIELD USE ON STRAWBERRY, AND THE FIELD USE IS LABELED; FOR GH USE NO FURTHER EFFICACY DATA ARE NEEDED:07/16; CANADA INTEREST:08/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP27 Lewis, Milo



2017 Tentative/Scheduled Studies

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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11920	-	+	HOMA	FLUAZINAM (ISK,SYNGEN)	STRAWBERRY (NON-BEARING)	LOW GROWING BERRY SUBGROUP (13-07G)

Reason for Need: BOTRYTIS AND ANTHRACNOSE; NEED PRODUCTS FOR USE ONLY IN NURSERY PLANT PRODUCTION, THAT ARE NOT USED IN FRUIT PRODUCTION FIELDS; TOO FEW MOA'S ARE AVAILABLE TO CONTROL THESE TWO DISEASES, AND FLUAZINAM IS EFFECTIVE ON BOTH

Use Pattern: (PCR): USE THE OMEGA PRODUCT; MAKE 4 FOLIAR APPLIC OF 1.25 PT PROD/A; FOR NURSERY USE ONLY

E/CS Data Requirements:

E/CS Research Comments:

Comments: FOR NURSERY PLANT PRODUCTION ONLY (SEE PR# 06798 FOR REQUESTED USE IN FRUIT PRODUCTION STRAWBERRIES); LIKELY CAN BE A NON-FOOD USE; MFG SUPPORTS BUT REQUIRES E/CS DATA; AND IR-4 TO DETERMINE IF ANY RESIDUE DATA IS NEEDED:05/16; EXPECTATION IS THAT A RESIDUE STUDY WILL BE NEEDED, SO NEED E/CS DATA BEFORE APPROVAL FOR RESIDUE:11/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FLP12 Peres, N.A.

17-CAP36 Holmes, Gerald (CA)



2017 Tentative/Scheduled Studies

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Print Date: 8/3/2017

PR # P11755	LAB -	PRIORITY A	STUDY DIRECTOR DORSCHNER	CHEMICAL (MFG) FLUPYRADIFURONE (BAYER)	COMMODITY GRASSES (SEED CROP)	CROP GROUP GRASS FORAGE, FODDER AND HAY GROUP (17)
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Reason for Need: APHIDS

Use Pattern: (PCR): USE THE SIVANTO PRODUCT; APPLY 0.18 LB AI/A FOLIARLY BY AIR (MINIMUM 2 GPA) OR GROUND (MINIMUM 10 GPA); 7-DAY PHI; MAXIMUM 0.365 LB AI/A/CROP SEASON

E/CS Data Requirements:

E/CS Research Comments: 2016 PERFORMANCE PROTOCOL INCLUDES 2 RATES OF SIVANTO 200 SL + NIS ADJUVANT VS A STANDARD; PRIMARY PEST TARGET IS APHIDS (SPECIES NEEDS TO BE IDENTIFIED); MAX 2 FOLIAR APPLIC NO LESS THAN 10 DAYS APART; DATA TO BE COLLECTED INCLUDES PEST CONTROL, CROP INJURY AND CROP YIELD/QUALITY

Comments: NEED TO CONTROL APHID FEEDING DAMAGE AND BARLEY YELLOW DWARF VIRUS VECTORED BY APHIDS:08/15; AT 2015 FUW, MFG CONFIRMED THIS IS RESEARCHABLE, RESIDUE AND E/CS DATA NEEDED:09/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-ORP05 Salisbury, Steve
REPL OF 16-WAP04 - NO ADD'L \$ NEE



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P10296	-NONE	H	HOMA	VALIFENALATE (FMC)	BASIL	HERB SUBGROUP (19A)

Reason for Need: DOWNY MILDEW

Use Pattern: (PCR): 2.25 LB AI/A; 4 FOLIAR APPLIC; 7-14 DAY RE-TREATMENT INTERVAL; 7-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: IN 2016 PERFORMANCE PROTOCOL, TESTING VALIFENALATE + CHLOROTHALONIL VS K-PHITE + RANMAN ALTERNATED WITH K-PHITE + REVUS; MAKE 4 FOLIAR APPLIC IN 20-60 GPA, ADDING SILWET L-77 AT 0.125% V/V; EVALUATE DISEASE INCIDENCE AND SEVERITY, AND MAKE CROP SAFETY ASSESSMENTS

Comments: MFG WILL ONLY MARKET THIS AI IN A COMBO PRODUCT WITH ANOTHER AI:07/15; BEING SUBMITTED FOR FIRST REGISTRATION EARLY 2016; NEED TO COMPLETE 2015 E/CS RESEARCH AND POSSIBLY CONTINUE IN 2016:09/15; MFG SATISFIED WITH PERFORMANCE, ONLY RESIDUE DATA NEEDED:06/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-MIP03 Hausbeck, Dr. Mary K.



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11725	-	A	DORSCHNER	FLUPYRADIFURONE (BAYER)	SESAME	RAPESEED SUBGROUP (20A)

Reason for Need: APHIDS, WHITEFLIES, LYGUS SPP.

Use Pattern: (PCR): USE THE SIVANTO PRODUCT; MAKE 2 FOLIAR BROADCAST APPLIC OF 0.0913-0.1825 LB AI/A, 10-DAY INTERVAL, 14-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: 2016 PERFORMANCE PROTOCOL INCLUDES FOLIAR APPLIC OF SIVANTO 200 SL AT 0.091 AND 0.183 LB AI/A (PLUS AN NIS ADJUVANT) VS LOCAL STANDARD; MAKE 2 APPLIC BEGINNING WHEN ONE OR MORE OF THE TARGET PESTS IS PRESENT, FOLLOWED BY 2ND APPLIC WHEN PEST CONTROL BEGINS TO FAIL, BUT NOT LESS THAN A 10-DAY INTERVAL; COLLECT CROP INJURY, PEST CONTROL AND CROP YIELD/QUALITY DATA

Comments: KEY EXPORT MARKET IS JAPAN; THERE ARE NO LABELED SYSTEMIC INSECTICIDES FOR USE IN SESAME:08/15; AT 2015 FUW, MFG CONFIRMED THIS REQUESTED USE IS RESEARCHABLE, RESIDUE AND E/CS DATA NEEDED:09/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-TXP02 Rose, Jack

17-CAP14 Lewis, Milo
17-CAP15 Turner, B.(Woodland)



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

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Print Date: 8/3/2017

<u>PR #</u> P11951	<u>LAB</u> -	<u>PRIORITY</u> B	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> PYROXASULFONE (KICHEM)	<u>COMMODITY</u> SESAME	<u>CROP GROUP</u> RAPESEED SUBGROUP (20A)
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Reason for Need: WEEDS SUCH AS PIGWEED, JOHNSONGRASS, MORNING GLORY, CRABGRASS, KOCHIA, HORSEWEED

Use Pattern: (PCR): USE THE ZIDUA PRODUCT; MAKE 1 FOLIAR BROADCAST OVER-THE-TOP APPLIC OF 2 OZ/A; APPLY AT EARLY POSTEMERGENCE, WHEN SESAME IS AT 2-5 LEAF PAIRS STAGE (AT LESS THAN 2-LEAF PAIR STAGE HIGH LEVELS OF INJURY COULD OCCUR)

E/CS Data Requirements:

E/CS Research Comments: IN 2017 PERF. PROTOCOL, TESTING 2 RATES OF PYROXASULFONE 85WG APPLIED POSTEMERGENCE BROADCAST IN >5 GPA AT 3, 4, 5 WEEKS AFTER PLANTING; COLLECTING CROP INJURY AND YIELD DATA

Comments: JAPAN IS A KEY EXPORT MARKET; NEEDED TO CONTROL PROBLEM WEEDS AFTER SESAME EMERGENCE, BUT PRIOR TO WEED EMERGENCE (SEE PR# 11723 FOR PREEMERGENCE USE AT A LOWER RATE); MFG NEEDS TO SEE PERFORMANCE/CROP SAFETY OF OVER-THE-TOP BROADCAST EARLY POSTEMERGENCE APPLIC BEFORE APPROVAL FOR RESIDUE WORK:07/16; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:10/12/16; MFG DECIDED MORE E/CS DATA ARE NEEDED BEFORE RESIDUE TRIALS, SO 2017 RESIDUE STUDY WILL NOT BE CONDUCTED:11/4/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-TXP01 Rose, Jack
17-ARP01 Burgos, N.

17-CAP33 Hanson, Brad



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12064	-	A	BATTS	DIQUAT (SYNGEN)	SUNFLOWER	SUNFLOWER SUBGROUP (20B)

Reason for Need: CROP AND WEED DESICCATION PRE-HARVEST

Use Pattern: (PCR): MAKE 2 PRE-HARVEST DESICCATION APPLIC OF 0.375-0.50 LB A/A, IN 5 GPA BY AIR, 15-20 GPA BY GROUND; APPLY WHEN SUNFLOWER SEEDS REACH PHYSIOLOGICAL MATURITY (AT 35% SEED MOISTURE OR LOWER); 7-DAY PHI

E/CS Data Requirements: MFG REQUIRES PERFORMANCE DATA (HAS DATA FROM 2 US SUNFLOWER TRIALS); WITH THE USE REGISTERED IN CANADA, ANY DATA FROM THERE WO

E/CS Research Comments:

Comments: NEED SUNFLOWER TOLERANCE TO COVER DESICCANT USE ON MANY MINOR OILSEED CROPS:09/16; MFG MADE RESEARCHABLE:10/11/16; ONGOING RESIDUE & PERFORMANCE TRIALS FOR 2017: 01/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-SDP01 Clay, Dr. Sharon
 17-NDP01 Jenks, Dr. Brian



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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11429	-NONE	A	BATTS	INDAZIFLAM (BAYER)	ASPARAGUS	STALK AND STEM VEGETABLE SUBGROUP (22A)

Reason for Need: ANNUAL WEEDS; DIFFERENT MODE OF ACTION TO AVOID WEED RESISTANCE; CONTROL OF RESISTANT BROADLEAVES

Use Pattern: (PCR): 0.065-0.085 LB AI/A OF ALION PRODUCT; ONE PREEMERGENCE (TO THE CROP) APPLIC PER YEAR; 7-DAY PHI; APPLY TO CLEAN SOIL BEFORE ASPARAGUS EMERGES IN THE SPRING

E/CS Data Requirements:

E/CS Research Comments:

Comments: MFG APPROVED FOR RESIDUE WORK, BUT REQUIRES ASSESSMENT OF CROP SAFETY WITHIN THE RESIDUE STUDY, ESPECIALLY ON LOW ORGANIC SOILS:09/14; JOINT WITH CANADA (PMC SERVING AS SPONSOR/STUDY DIRECTOR; RESIDUE SITES: 5-3):10/14; MFG NO LONGER CAN SUPPORT THIS PRE-HARVEST USE PATTERN, BUT MIGHT CONSIDER POST-HARVEST USE IF A SAFE USE PATTERN CAN BE FOUND:06/15; RESIDUE STUDY CANCELLED; IR-4 CONTINUING TO SEEK AN ACCEPTABLE POST-HARVEST USE PATTERN:08/15

NER-EPA Region-FRD

17-NJP01 Besancon, Thierry

NCR-EPA Region-FRD

17-MIP01 Zandstra, Dr. Bernard H.

SOR-EPA Region-FRD

WSR-EPA Region-FRD

17-CAP03 Hanson, Brad

CANADA-EPA Region-FRD



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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11915	-	+	DORSCHNER	METAFLUMIZONE (BASF)	TROPICAL & SUBTROPICAL FRUITS, EDIBLE PE	TROPICAL AND SUBTROPICAL FRUIT, EDIBLE PEEL GROUP (23)

Reason for Need: LITTLE FIRE ANTS (WASMANNIA AUROPUNCTATA), WHICH NEST IN CROP CANOPIES AND AT THE BASE OF TREES; THIS PEST IMPACTS CROP YIELDS AS IT PROTECTS INSECT PESTS FROM PARASITOIDS AND PREDATORS; IT ALSO MAY STING WORKERS DURING VARIOUS AGRICULTURAL OPERATIONS SUCH AS HARVESTING:12/15

Use Pattern: (PCR): USE THE ALTREVIN FIRE ANT BAIT PRODUCT (0.063% ACTIVE); MAKE 4 FOLIAR AND SOIL APPLIC OF 0.000945 LB AI/A, 28-DAY INTERVAL, 5-DAY PHI; APPLY BROADCAST TO THE GROUND 1.5 LB ALTREVIN/A, OR BLOW BAIT INTO CROP CANOPY WITH GRANULAR BLOWER:12/15

E/CS Data Requirements:

E/CS Research Comments: IN 2017 PROTOCOL, TESTING ALTREVIN AT 1.5 LB/A, BROADCAST, VS A STANDARD, ON 2 DIFFERENT TROPICAL CROPS (ONE LOW-GROWING AND THE OTHER TREE-LIKE); MFG RECOMMENDS MINIMUM 5000 SQ FT PLOTS; TREAT THE GROUND ONLY, WHEN LITTLE FIRE ANTS ARE ACTIVELY FORAGING; MAKE UP TO 4 APPLIC, WITH 4-8 WEEKS INTERVALS; COLLECTING CROP INJURY AND PEST CONTROL DATA

Comments: THIS REQUEST WAS SUBMITTED FOR MULTIPLE, AND DIVERSE, CROPS GROWN IN HI (TROPICAL FRUITS, COFFEE, CACAO, TEA, ETC.):12/15; THE IR-4 DATABASE DOES NOT HAVE A COMMODITY THIS BROAD, SO TROPICAL FRUITS GROUP 23 WAS USED TO CAPTURE THE NEED; OF THE CROPS REQUESTED, COFFEE IS THE PRIMARY CROP FOR EXPORT; OTHER IMPORTANT CROPS NEEDING THIS USE INCLUDE PAPAYA, LYCHEE, LONGAN, RAMBUTAN, PINEAPPLE, BANANA, CACAO, TEA, TARO, MANGOSTEEN AND AVOCADO; ALL CROPS ON THE CURRENT ALTREVIN LABEL ARE SUPPORTED BY LOQ TOLERANCES (CITRUS FRUIT, POME FRUIT, STONE FRUIT, TREE NUTS - ALL AT 0.04 PPM), SO TRANSLATING THIS LOQ TOLERANCE TO THE PERENNIAL CROPS IN THIS REQUEST MIGHT BE CONSIDERED; SIESTA IS THE FORMULATION USED NOW IN MOST NON-FOOD CROPS LIKE NURSERIES AND TURF:05/16; MFG APPROVED FOR RESEARCH, BUT NEED PERFORMANCE DATA BEFORE APPROVAL TO PURSUE A TOLERANCE ACTION:06/16; OTHER CROPS IMPACTED BY THESE ANTS INCLUDE LIME, MANGO, CARAMBOLA, MAMEY SAPOTE, SAPODILLA, GUAVA, PASSION FRUIT, SUGAR APPLE AND ATEMOYA:08/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-HIP02	Vanderwoude, Cas
17-HIP03	Vanderwoude, Cas



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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P10184	-NONE	A	BATTS	RIMSULFURON (DUPONT)	OLIVE	TROPICAL AND SUBTROPICAL, SMALL FRUIT, EDIBLE PEEL SUBGROUP (23A)

Reason for Need: ANNUAL BROADLEAVES & GRASSES, INCLUDING HAIRY FLEABANE, MARESTAIL, RYEGRASS, PANICLE WILLOWHERB & PUNCTUREVINE

Use Pattern: (PCR): 1 OZ AI/A; GROUND APPLIC TO THE SOIL; 1 OR 2 APPLIC; 30-DAY RE-TREATMENT INTERVAL; 14-DAY PHI; APPLY PRIOR TO WEED EMERGENCE; NO MORE THAN 4 OZ OF PRODUCT APPLIED PER YEAR BROADCAST, OR 8 OZ OF PRODUCT IF APPLIED IN A BAND OF LESS THAN 50% OF THE TOTAL ORCHARD

E/CS Data Requirements: 3-4 TRIALS; MFG CONFIRMED THAT CROP SAFETY DATA SHOULD BE DOCUMENTED DURING CONDUCT OF RESIDUE TRIALS, AND THAT EFFICACY DATA B

E/CS Research Comments: IN 2017 PERFORMANCE PROTOCOL: TESTING RIMSULFURON (MATRIX) AT 0.0625 AND 0.125 LB AI/A, IN 10 OR MORE GPA, INCLUDING ADJUVANT AT A LABELED RATE, COMPARED WITH A STANDARD; MAKE 2 SOIL BANDED APPLIC TO THE ORCHARD FLOOR ON EACH SIDE OF THE TREE ROW, 30-DAY INTERVAL, WITH LAST APPLIC 14 DAYS BEFORE HARVEST; COLLECT DATA ON CROP INJURY, WEED CONTROL AND CROP YIELD

Comments: MFG REQUESTS THAT WEED CONTROL AND CROP TOLERANCE RATINGS BE TAKEN DURING RESIDUE STUDY; ANY WEEDS TO BE LISTED ON LABEL MUST BE SUPPORTED BY EFFICACY DATA:07/10; MFG MAY HAVE SOME CS DATA:06/14; MFG TO CONFIRM PROJECT STATUS AFTER ASSESSING CA DATA:06/15; AT 2015 FUW, MFG CONFIRMED THIS IS RESEARCHABLE, RESIDUE AND E/CS DATA:09/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP28 Hanson, Brad



2017 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only (Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11831	-	A	DORSCHNER	FLUPYRADIFURONE (BAYER)	DATE	TROPICAL AND SUBTROPICAL, PALM FRUIT, EDIBLE PEEL SUBGROUP (23C)

Reason for Need: PINK HIBISCUS MEALYBUG

Use Pattern: (PCR): USE THE SIVANTO PRODUCT; MAKE 2 FOLIAR APPLIC OF 0.137-0.182 LB AI/A IN MINIMUM 50 GPA, 10-DAY INTERVAL, BEGINNING WHEN PEST ACTIVITY IS FIRST SEEN OR JUST PRIOR TO BAGGING FRUIT, WHICHEVER IS FIRST; MAXIMUM 0.365 LB AI/A/YEAR; 1-DAY PHI

E/CS Data Requirements: MFG NEEDS TO SEE EFFICACY ON THE TARGET PEST, AND NOT POSSIBLY FROM A SURROGATE CROP:05/16

E/CS Research Comments:

Comments: THIS IS A NEW INVASIVE PEST IN DATES AND NO INSECTICIDES FOR SUCKING INSECT PESTS ARE REGISTERED; MFG MAY ANALYZE RESIDUE SAMPLES; MFG SUGGEST IR-4/PMC CANADA JOINT SUBMISSION:10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP17 Perring, T.



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P10240	-NONE	A	BATTS	GLUFOSINATE (BAYER,UPI)	AVOCADO	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: PARTHENIUM HYSTEROPHORUS

Use Pattern: (PCR): 10.5 OZ/A X BAND WIDTH; BANDED APPLIC; 6 APPLIC; 30-60 RE-TREATMENT INTERVALS; 0-DAY PHI; CALCULATE BANDWIDTH TO HERBICIDE, THEN MIX SUFFICIENT RELY WITH 30-40 GAL/WATER/TREATED/A AND MAY BE MIXED; DO NOT APPLY MORE THAN 345 FL OZ RELY/A/YEAR

E/CS Data Requirements: 3-5 TRIALS

E/CS Research Comments: IN THE 2017 PROTOCOL, TESTING 2 RATES OF GLUFOSINATE (RELY 280, 2.34 LB AI/GAL) ALONE (1.5 AND 3.0 LB AI/A) AND THE SAME RATES TANK-MIXED WITH A LABELED RATE OF GLYPHOSATE; APPLIC ARE BANDED TO THE ORCHARD FLOOR IN >15 GPA, 2 APPLIC, 28 DAYS APART, WITH FIRST APPLIC WHEN WEEDS ARE <6 IN TALL; ADJUVANT IS INCLUDED WITH GLUFOSINATE ALONE; COLLECTING CROP INJURY AND WEED CONTROL DATA

Comments: ORIGINAL REQUEST REC'D 8/25/2008; MFG NO - THERE ARE RISK CUP & GROUND WATER CONCERNS:08/08; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG HAS COMPLETED TRIALS FOR IMPORT TOLERANCE THAT MIGHT HELP REDUCE # OF RESIDUE TRIALS NEEDED; THERE ARE ESTABLISHED EPA TOLERANCES FOR BANANA (0.3 PPM) AND BANANA PULP (0.2 PPM); NEED TO HARMONIZE USE PATTERNS SO THAT BANANA (PR# 12050) AND AVOCADO, AS REP CROPS FOR NEW SUBGROUP 24B, CAN COVER PAPAYA (PR# 09887):08/16; MFG SUPPORTS (RESIDUE + E/CS DATA); EPA CAUTION:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-PRP02 Robles Vazquez, W.

17-CAP29 Rios, Sonia
17-CAP30 Rios, Sonia



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<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11572	-	A	HOMA	DIFENOCONAZOLE + AZOXYSTROBIN (SYNGEN)	MANGO	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: COLLETOTRICHIM SP/ANTHRACNOSE; BLOSSOM BLIGHT & FRUIT ROT

Use Pattern: (PCR): 16-20 OZ/A OF INSPIRE PRODUCT; 15 FOLIAR APPLIC, STARTING AT BEGINNING OF FLOWERING THROUGH HARVEST; 7-DAY RE-TREATMENT INTERVAL; 0-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: IN 2017 PERF. PROTOCOL, TESTING QUADRIS TOP (AZOXY + DIFEN) VS SWITCH (CYPRODINIL + FLUDIOXONIL); MAKE 4 FOLIAR DIRECTED, AIRBLAST OR HANDGUN APPLIC OF EACH TREATMENT, 7-DAY INTERVALS, IN 80-200 GPA, STARTING WHEN CONDITIONS ARE FAVORABLE FOR ANTHRACNOSE DEVELOPMENT; INCLUDE AN NIS ADJUVANT AT A LABELED RATE WITH EACH APPLIC; COLLECTING CROP SAFETY AND PEST CONTROL (ON FRUIT AND FOLIAGE) DATA

Comments: TOLERANCE IS ESTABLISHED FOR IMPORTED MANGO; SOME DATA IS AVAILABLE FROM BRAZIL:08/11; USE OF DIFENOCONAZOLE WAS ORIGINALLY REQUESTED ON MANGO, BUT RESIDUE STUDY WAS RUN ON PAPAYA (PR# 10802) WHICH, BY EPA DEFINITION, COVERED MANGO; NOW MANGO IS COVERED BY REP CROPS AVOCADO, PLUS POMEGRANATE OR BANANA IN NEW CROP SUBGROUP 24B, AND MANGO IS NOT COVERED BY PAPAYA DATA; WITH TROPICAL FRUIT CROP GROUPS NOW CODIFIED, USE ON MANGO NEEDS TO BE SUPPORTED WITH RESIDUE DATA ON MANGO, OR COVERED BY DATA FOR THE SUBGROUP 24B REP CROPS:05/16; RESIDUE DATA ARE BEING GENERATED USING THE DUAL AI PRODUCT DIFEN + AZOXYSTROBIN, SO REQUESTED CHEMICAL WAS CHANGED FROM DIFENOCONAZOLE-ONLY TO THIS DUAL AI PRODUCT:11/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FLP09 Crane, Dr. Jonathan H.



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11754	-	A	HOMA	FLUXAPYROXAD + PYRACLOSTROBIN (BASF)	POMEGRANATE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

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

Use Pattern: (PCR): USE THE MERIVON PRODUCT; MAKE 2 FOLIAR APPLIC OF 6.2 FL OZ OF PROD/A, 14-21 DAY INTERVAL, 35-DAY PHI

E/CS Data Requirements: MFG REQUESTS THAT CERTAIN E/CS TESTING STANDARDS BE MET IN E/CS RESEARCH TO SUPPORT PRODUCT COMMERCIALIZATION; NEED SUFFICIENT

E/CS Research Comments: IN 2017 PROTOCOL: IN CA TRIALS, TESTING FOLIAR APPLIC OF MERVION AT LABEL RATE AND 2X LABEL RATE IN 20-100 GPA, WITH LATRON B-1956 ADJUVANT, ON THE SAME MAJOR VARIETIES THAT WERE TESTED IN 2016; MAKE 2 APPLIC, 14-DAY INTERVAL STARTING AT BLOOM; IN FL TRIALS, TESTING FOLIAR APPLIC OF MERVION AT LABEL RATE AND 2X LABEL RATE IN 20-100 GPA, WITH LATRON B-1956 ADJUVANT, ON THE SAME MAJOR VARIETIES THAT WERE TESTED IN 2016; MAKE 2 APPLIC, 14-DAY INTERVAL, WITH 2 TREATMENTS STARTING AT BLOOM AND THE OTHER 2 TREATMENTS STARTING SO THE LAST APPLIC IS 14 DAYS BEFORE HARVEST; EVALUATING CROP SAFETY AT LEAST 5 TIMES, AND FRUIT AND FOLIAR DISEASE CONTROL (INCIDENCE AND SEVERITY), ESPECIALLY FOR STYLAR AND BLACK HEART INFECTION AND ANTHRACNOSE INFECTION OF FRUIT, AS WELL AS FOLIAR SEVERITY OF ALTERNARIA SPP AND COLLETOTRICHUM SPP

Comments: KEY EXPORT MARKETS INCLUDE KOREA, EU, RUSSIA; NO EFFECTIVE PRODUCT IS REGISTERED; THERE ARE NO TOLERANCES FOR EITHER AI:08/15; NEED THIS AS A ROTATIONAL PRODUCT IN A SUSTAINABLE DISEASE MANAGEMENT PROGRAM FOR FOLIAR AND FRUIT DISEASES IN SOUTHEAST STATES:09/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FLP03 Vallad, Gary

17-CAP16 Michilaides, T.



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Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11292	-NONE	A	BATTS	FLUMIOXAZIN (VALENT)	SUGAR APPLE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, ROUGH OR HAIRY, INEDIBLE PEEL SUBGROUP (24C)

Reason for Need: PARTHENIUM WEED/RESIDUAL CONTROL

Use Pattern: (PCR): 2-6 OZ AI/A; 3-4 FOLIAR OR BANDED APPLIC DIRECTED TO WEEDS (MFG RECOMMENDS NO MORE THAN 24 OZ/A/YR); MIX WITH SYSTEMIC OR BURNDOWN HERBICIDE TO CONTROL MATURE PARTHENIUM; 30-90 DAY RE-TREATMENT INTERVAL (MFG RECOMMENDS 60 DAYS); 0-10 DAY PHI

E/CS Data Requirements: MFG REQUESTS 2X CROP SAFETY DATA, AND THAT THE LYCHEE E/CS PROTOCOL BE DUPLICATED, BUT MAKE SPRAY CROSS THE TRUNK SO THAT IN-RO

E/CS Research Comments:

Comments: EPA CAUTION:08/14; MFG ADDRESSING ISSUES:09/14; EPA CAUTION:08/16; RESIDUE & E/CS COMPLETE WITH ONGOING TRIALS:12/16;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-PRP03 Robles Vazquez, W.



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Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12110	-		DORSCHNER	INSECTICIDE (TBD)	PRICKLY PEAR CACTUS	TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D)

Reason for Need: FROM PR# 11964: COCHINEAL INSECTS (SUCTION INSECTS - HEMIPTERANS); WIND-BLOWN COCHINEAL INFESTATIONS (6, 2-MONTH GENERATIONS/YEAR) IN THE PAST 3 YEARS, LACK OF CONTROL FROM CARBARYL AND ACREAGE UNDER EXP USE PERMIT (FOR COCHINEAL CONTROL WITH SIVANTO) HAVE RESULTED IN 120 ACRES BEING BULLDOZED; WITH NEW CACTUS ORCHARDS TAKING 4 YEARS TILL FULL PRODUCTION, COCHINEALS HAVE RESULTED IN HUGE FINANCIAL LOSSES; WITH ONLY CARBARYL (2 APPLIC/YR) AND SIVANTO LABEL PENDING (2 APPLIC/YR), AT LEAST 4 MORE APPLIC/YR ARE NEEDED WITH INSECTICIDES FROM DIFFERENT CLASSES TO PROVIDE ECONOMIC CONTROL

Use Pattern: (PCR):

E/CS Data Requirements:

E/CS Research Comments: TESTING 2 RATES OF BOTH SULFOXAFLOL AND FLONICAMID, VS A STANDARD AND UNTREATED; MAKE FOLIAR APPLIC TIMED TO TREAT CRAWLER STAGE; MINIMUM 7-DAY RETREATMENT INTERVAL, IF NEEDED; COLLECTING DATA ON PEST CONTROL, CROP INJURY AND CROP RESPONSE

Comments: THIS PR# WAS CREATED AS A PPWS TO EVALUATE PERFORMANCE OF BOTH SULFOXAFLOL (SEE PR# 11964) AND FLONICAMID (SEE PR# 11966) UNDER A SINGLE PR#; SULFOXAFLOL WAS GIVEN AN "A" PRIORITY FOR RESIDUE WORK IN 2017, BUT THE DECISION WAS MADE THAT INSUFFICIENT EFFICACY DATA EXISTS TO SUPPORT THIS YET, SO A 2017 RESIDUE STUDY IS BEING DONE WITH FLONICAMID; IF SULFOXAFLOL PERFORMS EFFECTIVELY AND REGISTRATION IS DESIRED, PR 11964 WILL NEED TO GO THROUGH THE PRIORITIZATION PROCESS AGAIN:02/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CAP37 Joseph, Shimat



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11884	-	H	HOMA	MEFENOXAM (SYNGEN)	CACAO BEAN	MISCELLANEOUS COMMODITY (99)

Reason for Need: BLACK POD (PHYTOPHTHORA PALMIVORA)

Use Pattern: (PCR): USE RIDOMIL GOLD SL PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.011 LB A/A AT 14-DAY INTERVALS; LESS THAN 29-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

Comments: THERE IS A CODEX MRL OF 0.2 PPM, WHICH IS BEING RE-VALIDATED BY MFG, INCLUDING NEW PROCESSING DATA; CAN EXPLORE USE OF THESE DATA TO SUPPORT USE IN U.S.:02/16; CHEMSAC PROPOSAL IS BEING PREPARED, TO SECURE A TOLERANCE WITHOUT RESIDUE DATA (THE TOLERANCE WILL BE PURSUED WITH A NO-DATA PETITION); BUT EFFICACY DATA ARE NEEDED:06/16; CHEMSAC PROPOSAL WAS ACCEPTED FOR SETTING A TOLERANCE:09/16/16; E/CS DATA BEING GENERATED IN 2017, SPONSORED BY THE NATIONAL CONFECTIONERS ASSOC DIRECTLY WITH THE RESEARCHER IN PR; IR-4 TO ORGANIZE THE E/CS PROTOCOL:12/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-PRP05 Goenaga, Ricardo



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11712	-	A	DORSCHNER	FLUPYRADIFURONE (BAYER)	COFFEE	MISCELLANEOUS COMMODITY (99)

Reason for Need: CONTROL THE GREEN SCALE (COCCUS VIRIDIS) AND ITS HONEYDEW PRODUCTION; FROM ME-TOO REQUEST IT HAS THE POTENTIAL TO BE EFFECTIVE AGAINST BANANA WEEVIL (COSMOPOLITES SORDIDUS):08/15

Use Pattern: (PCR): USE SIVANTO PRODUCT; MAKE 2 FOLIAR APPLIC OF 0.183 LB AI/A IN 20-100 GPA, 7-DAY INTERVAL; 0-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

Comments: KEY EXPORT MARKET IS JAPAN; PROVIDE A DIFFERENT MODE OF ACTION TO OTHER INSECTICIDES TO DELAY THE ONSET OF RESISTANCE:07/15; AT 2015 FUW, MFG CONFIRMED THIS USE IS RESEARCHABLE, RESIDUE AND E/CS:09/15; MFG CONFIRMED THEY COMPLETED A COFFEE PROCESSING STUDY (REVIEWED/ACCEPTED BY EPA), SO THIS RESIDUE STUDY WILL NOT INCLUDE PROCESSING:01/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-HIP01 Kawate, Dr. Mike K.



2017 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u> P11773	<u>LAB</u> -	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> LINURON (TKI)	<u>COMMODITY</u> MINT (FUTURE: HERBS)	<u>CROP GROUP</u> MISCELLANEOUS COMMODITY (99)
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Reason for Need: REDROOT PIGWEED, KOCHIA, RATTAIL FESCUE, OTHER WEEDS

Use Pattern: (PCR): USE THE LOROX PRODUCT; MAKE 1 SOIL APPLIC (PRE-EMERGENT TO DORMANT MINT, OR EARLY POST-EMERGENT) OF 1.0-2.0 LB AI/A IN 25 GPA; 45-DAY PHI OR LESS; RAINFALL OR IRRIGATION IS NEEDED TO ACTIVATE THE AI IN SOIL (0.5-1.0 INCH IN MOIST SOIL; 1.0-2.0 INCH IN DRY SOIL); MAY NEED HIGHER RATE ON FINE TEXTURE OR HIGH ORGANIC MATTER SOIL, AND LOWER RATES ON COARSER SOILS

E/CS Data Requirements: MFG HAS SOME E/CS DATA, BUT REQUIRES ADDITIONAL:08/15

E/CS Research Comments: PERFORMANCE PROTOCOL FOR 2016 INCLUDES TESTING 3 RATES OF LINEX (0.5, 1.0, 2.0 LB AI/A), EACH APPLIED AT 3 TIMINGS (DORMANT, AT 3-6 INCH CROP GROWTH STAGE, DORMANT FOLLOWED BY AT 3-6 INCH CROP GROWTH STAGE); ALL APPLIC IN AT LEAST 25 GPA; CROP INJURY, WEED CONTROL AND CROP YIELD DATA ARE BEING COLLECTED

Comments: IS AN EXPORT COMMODITY, BUT KEY EXPORT MARKETS NOT DEFINED; WOULD GIVE MINT GROWERS ANOTHER EFFECTIVE TOOL FOR BROADLEAF WEED CONTROL WITH ADEQUATE CROP SAFETY, EVEN APPLIED EARLY POST-EMERGENCE; MAY ALSO HAVE A GOOD FIT BETWEEN CUTTINGS IN DOUBLE CUT SYSTEMS, A USE NEEDED FOR BETTER SEASON-LONG WEED CONTROL:08/15; MFG MAY CONSIDER SOME FUNDING TO HELP OFFSET RESEARCH COSTS:09/15; EPA CAUTION:09/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-WIP06 Heider, Daniel J.
17-WIP07 Heider, Daniel J.



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(Order by Crop Group, Commodity, Chemical)

Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11726	-	+	BATTS	PENDIMETHALIN (BASF,UPI)	MONARDA (FUTURE: HERBS)	MISCELLANEOUS COMMODITY (99)

Reason for Need: BROADLEAF AND GRASS WEEDS (NO PRE-EMERGENT HERBICIDES ARE AVAILABLE)

Use Pattern: (PCR): USE THE PROWL PRODUCT; MAKE 2 SOIL APPLIC OF 1.5/A (LABEL FOR MINT RECOMMENDS 1.5-4.0 PT/A), 60-DAY INTERVAL, 30-DAY PHI

E/CS Data Requirements: NEED 2-3 CROP SAFETY TRIALS AT 1X AND 2X RATES ON ESTABLISHED MONARDA STANDS WITH PROWL APPLIED BEFORE THE BREAK OF WINTER DORM

E/CS Research Comments:

Comments: MONARDA (PART CONSUMED IS STEAM-DISTILLED OIL) IS PROPOSED TO BE A COMMODITY IN THE FRESH HERB AND DRY HERB SUBGROUP, WITH REP CROPS BASIL AND MINT, WITHIN THE NEW HERB CROP GROUP; THERE IS NO BASIL TOLERANCE:08/15; IR-4 CONSIDERING CHEMSAC PROPOSAL TO SECURE THIS USE:09/15; MFG SUPPORT IS STILL PENDING; NEED TO SEE STAKEHOLDER CROP SAFETY DATA:07/16; MFG SUPPORTS AS POTENTIAL, BASED ON SCREENING FIELD DATA FROM KEMIN AND THAT MONARDA (DIDYMA, NOT FISTULA) IS ON THE PENDULUM ORNAMENTAL LABEL; NEED ADDITIONAL CROP SAFETY DATA ONLY:09/21/16; CHEMSAC APPROVED EXTRAPOLATION FROM MINT TOLERANCE TO MONARDA:01/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-IAP02 Cloud, Norman
 17-IAP01 Cloud, Norman



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Print Date: 8/3/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11985	-	A	DORSCHNER	ISM-555 (TBD)	PEANUT	MISCELLANEOUS COMMODITY (99)

Reason for Need: THRIPS AND MITES, FRANKLINIELLA FUSCA & TETRANYCHUS - MINOR USES ON A MAJOR CROP

Use Pattern: (PCR): MAKE 3 FOLIAR APPLIC OF 185 G AI/A, 7-DAY INTERVAL, BASED ON PEST THRESHOLD

E/CS Data Requirements: MFG REQUIRES PERFORMANCE TRIALS AT 3 SITES IN THE SOUTHEAST US, AT 1X AND 2X RATES:10/16

E/CS Research Comments:

Comments: KEY EXPORT MARKETS INCLUDE CANADA, EUROPE, ASIA:07/16; MADE RESEARCHABLE BY MFG:09/30/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-GAP07 Abney, Mark R
17-MSP01 Gore, Jeff
17-ALP01 Jacobson, Alana L



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Print Date: 8/3/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12049	-	A	BATTS	HALOSULFURON (GOWAN)	STEVIA (FUTURE: HERBS)	MISCELLANEOUS COMMODITY (99)

Reason for Need: YELLOW AND PURPLE NUTSEDGE

Use Pattern: (PCR): USE THE SANDEA 75DG PRODUCT; MAKE 3 ROW-MIDDLE AND POST-DIRECTED APPLIC OF 0.031 LB AI/A, 21-DAY INTERVALS, 14-DAY PHI; SPRAY CONTACT NO HIGHER THAN ONE THIRD OF THE HEIGHT OF STEVIA PLANTS; DO NOT APPLY OVER THE TOP OF STEVIA; FOLLOW SANDEA LABEL FOR USE OF ADJUVANTS

E/CS Data Requirements: PER MFG 10/17/16: NEED 3 TRIALS, PRIMARY LOCATION IN THE MID ATLANTIC, 0.5/0.67/1.0 OZ/A RATES, EVALUATE CROP INJURY AND YIELD; MFG PREFER

E/CS Research Comments:

Comments: ONLY ONE OTHER HERBICIDE, CLETHODIM, IS REGISTERED FOR IN-SEASON USE IN STEVIA; THIS REQUEST IS FOR IN-SEASON USE FOR NUTSEDGE CONTROL:08/16; MFG SUPPORTS, BUT SUFFICIENT CROP SAFETY DATA MUST BE PROVIDED:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-NCP02 Batts, Roger B.
17-GAP05 Czarnota, Mark

17-CAP31 Hanson, Brad



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Print Date: 8/3/2017

	NER	NCR	SOR	WSR	CANADA
ARS Total:		0	2	0	
Region Total:	8	14	38	47	0
Total:	8	14	40	47	0

Grand Trial Total: 109

Total # of PRs: 51
Total # Chemical: 29
Total # Commodity: 42