



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12000	17-MIR08	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 AI/A (20 FL OZ OF A 400SC PRODUCT [3.33 LB AI/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:

IR-4 Residue Trial Plan: 5-4; 1 DECLINE TRIAL (1 TRIAL IS COVERED BY TASC \$\$)

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-MI222 Hausbeck, Dr. Mary K.
(decline)
17-MI223 Hausbeck, Dr. Mary K.
17-MI224 Hausbeck, Dr. Mary K.

17-K*198 TBD-CANADA
(Zone 5 - could contract out Mary)



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P12000	-	A	HOMA	ISOSETAMID (ISK)	GINSENG	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: CYLINDROCARPON - RUSTY ROOT DISEASE

Use Pattern: (PCR): RATE/A OF ISOSETAMID 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 AI/A (20 FL OZ OF A 400SC PRODUCT [3.33 LB AI/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:

IR-4 Residue Trial Plan: 5-4; 1 DECLINE TRIAL (1 TRIAL IS COVERED BY TASC \$\$)

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:

IR-4 Residue Trial Plan:

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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11889	17-MIR04	A	LEONARD	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:1)

E/CS Research Comments:

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

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

17-MD201 Ross, Marylee

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-FL140 Dittmar, Dr. Peter
 17-GA*166 Fraelich, Ben
 17-NC232 Batts, Roger B.
 17-NC233 Batts, Roger B.
 17-MS374 Horn, Tyler
 (Region 4)
 17-TX406 Marconi, Cristina

WSR-EPA Region-FRD

17-CA54 Skiles, Keri

CANADA-EPA Region-FRD



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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:

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

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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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11775	17-YAR03	A	ARSENOVIC	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

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

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-MD200 Ross, Marylee
17-NJ263 Freiburger, Tom

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-FL138 Dittmar, Dr. Peter
17-GA*163 Fraelich, Ben
17-NC229 Batts, Roger B.
17-MS372 Horn, Tyler
(Region 4)
17-TX403 Marconi, Cristina

WSR-EPA Region-FRD

17-CA45 Skiles, Keri

CANADA-EPA Region-FRD



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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

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

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:

IR-4 Residue Trial Plan:

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:

IR-4 Residue Trial Plan:

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-MSP01 Shankle, Mark W.
17-VAP01 Cahoon, C.W.

17-CAP34 Stoddard, Scott
17-CAP35 Stoddard, Scott



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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:

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

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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Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11619	16-UOG263	A	SUBEDI	BICYCLOPYRONE (SYNGEN)	ONION (DRY BULB)	ONION, BULB SUBGROUP (03-07A)

Reason for Need: ANNUAL GRASSES, BROADLEAVES; ALSO IN DIRECT-SEEDED ONIONS

Use Pattern: (PCR): MAKE 1 SOIL BROADCAST APPLIC OF 0.033-0.045 LB AI/A; APPLY TO SOIL AFTER SEEDING ONIONS; 80-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: CANADA DOING 3 BULB AND 3 GREEN ONION CROP SAFETY TRIALS IN 2016:05/16

IR-4 Residue Trial Plan: US SITES: 1 5 6 8 10-2 11 12; NAFTA SITES - BULB: 5-2 6 8 10-2 11; GREEN 5-2; IN 2017 NEED ONLY A REG. 8 REPEAT TRIAL

Comments: FIRST REGISTRATION OF THIS AI EXPECTED ON CORN IN 2015 IN A 4-WAY MIX OF AI'S (SYN-A197 HERBICIDE):01/15; FIRST USES REGISTERED BY EPA APRIL 2015, INCLUDING SOLO PRODUCT; GR ONION ALSO IS SUPPORTABLE (PR# 11829):04/15; CONSIDER DOING GR ONION TO COVER WHOLE CROP GROUP:09/15; THE ORIGINAL REQUEST FOR THIS USE WAS FOR ONION (DRY BULB), AND THE COMMODITY WAS CHANGED TO ONION (DRY BULB AND GREEN) TO ALSO INCLUDE GREEN ONION; CANADA INTEREST (ZONES - BULB 5-5):10/15; WITH CANADA PMC AS STUDY DIRECTOR FOR THESE ONION USES, THIS PROJECT IS BEING DISCONNECTED FROM 11829 (GR ONION) AND NOW JUST COVERS DRY BULB ONION; PMC IS CONDUCTING THIS RESIDUE WORK FOR ALL ONIONS UNDER 2 PROTOCOLS - ONE FOR BULB AND ONE FOR GREEN:01/16

[NER-EPA Region-FRD](#)

[NCR-EPA Region-FRD](#)

[SOR-EPA Region-FRD](#)

[WSR-EPA Region-FRD](#)

[CANADA-EPA Region-FRD](#)

17-CNM304 Hamilton, Cary
(Repeat for region 8; missed PHI on initia



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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

IR-4 Residue Trial Plan: BULB: 1 5 6 8 10-2 11 12; GREEN: 3 5 10-2 12 (1 DECLINE ON GR ONION)

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 Hoepting, 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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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11986	17-TBD	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 A/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:

IR-4 Residue Trial Plan: BULB: 5-2 6 8 10-2 11-2 GREEN: 5-2 10-2 12 (NAFTA SITES FOR BOTH), 1 DECLINE ON EACH TYPE

Comments: KEY EXPORT MARKET IS EUROPE: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-MI221 (Bulb)	Zandstra, Dr. Bernard H.	17-TX410 (bulb)	Marconi, Cristina	17-CA*85 (green)	Benzen, Ms. Sharon D.	17-BC12 (Bulb)	Nield, David
17-OH*311 (Bulb)	Horst, Leona			17-CA86 (Bulb)	Kyser, Guy	17-QC370 (green)	Cloutier, Dominic
17-OH*312 (green)	Horst, Leona			17-CA87 (green)	Leach, Nathan		
17-OH313 (green)	Doohan, D.			17-CA88 (bulb)(Decline)	Ennes, D. (Kearney)		
				17-ID194 (Bulb)	Meeks, Mr. Will		
				17-NM291 (Bulb)(Reg 8)	Hamilton, Cary		
				17-OR355 (green)(decline)(Reg 12)	Sturman, Peter		
				17-WA*430 (Bulb)	Harvey, John		
				17-WA431 (Bulb)	Peng, Wilson		



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(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: BULB: 5-2 6 8 10-2 11-2 GREEN: 5-2 10-2 12 (NAFTA SITES FOR BOTH), 1 DECLINE ON EACH TYPE

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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11829	16-UOG273	A	SUBEDI	BICYCLOPYRONE (SYNGEN)	ONION (GREEN)	ONION, GREEN SUBGROUP (03-07B)

Reason for Need: ANNUAL GRASSES AND BROADLEAVES

Use Pattern: (PCR): USE THE A16003E PRODUCT; APPLY 0.033-0.045 LB AI/A PREEMERGENCE TO THE SOIL AFTER SEEDING AND POSTEMERGENCE AFTER ONION 2-LEAF STAGE; UP TO 3 APPLIC; SPRAY INTERVAL 21 DAYS; 21-DAY PHI; APPLY PROWL H20 WITH THE PRE APPLIC, OR WEEDS WILL SUPPRESS ONION EMERGENCE AND GROWTH

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: US SITES: ANY 4; CANADIAN SITES: 5-5; IN 2017 NEED ONLY A REG. 12 REPEAT TRIAL

Comments: THIS GREEN ONION REQUEST WAS TO BE COVERED UNDER ONION, PR# 11619; MFG SUPPPORTS, RESIDUE ONLY; FEW HERBICIDES ARE LABELED FOR GREEN ONION:10/15; WITH CANADA PMC AS STUDY DIRECTOR FOR THESE ONION USES, THIS PROJECT IS BEING DISCONNECTED FROM 11619 WHICH NOW JUST COVERS DRY BULB ONION; PMC IS CONDUCTING THIS RESIDUE WORK FOR ALL ONIONS UNDER 2 PROTOCOLS - ONE FOR BULB AND ONE FOR GREEN:01/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-COR300 Sturman, Peter
(Replacement of FT# COR290)(Waiting c



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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

IR-4 Residue Trial Plan: GREEN: 3 5 10-2 12

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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11027	17-CAR06	A	JOLLY	MANDESTROBIN (S-2200) (VALENT)	LETTUCE (HEAD & LEAF)	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: SCLEROTINIA MINOR, SCLEROTINIA SCLEROTIORUM (LETTUCE DROP)

Use Pattern: (PCR): 0.375 LB AI/A; 2 APPLIC, TO SOIL AND/OR FOLIAGE OF VERY YOUNG PLANTS

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: HEAD: 5-2 10-6, 1 DECLINE TRIAL; LEAF: 5-2 10-6, 1 DECLINE TRIAL (HEAD AND LEAF TRIALS = NAFTA SITES)

Comments: MFG HOLD:08/12; FIRST REGISTRATION PENDING ON CORN (FIELD/POP/SWEET), LEGUME VEG SUCULENT OR DRY, SUBGROUPS 13-07F & 13-07G, RAPESEED, TURF; CHANGED STATUS TO UNDER EVAL:03/16; MFG SUPPORTS, NO E/CS DATA NEEDED:05/16; REQUESTOR ASKED FOR THIS TO COVER LETTUCE (COMMODITY CHANGED TO LETTUCE/HEAD & LEAF); CANADA INTEREST:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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17-NJ262 (head)	Fisher, Jennifer	17-MI210 (head)	Zandstra, Dr. Bernard H.	17-CA*24 (head)(decline)	Benzen, Ms. Sharon D.	17-ON323 (head)	Wismer, R.J.
		17-OH*305 (leaf)	Horst, Leona	17-CA*25 (leaf)	Benzen, Ms. Sharon D.	17-ON324 (leaf)	Weber-Henricks, Marj
				17-CA*26 (head)	Benzen, Ms. Sharon D.		
				17-CA*27 (leaf)	Benzen, Ms. Sharon D.		
				17-CA28 (head)	Leach, Nathan		
				17-CA29 (leaf)(decline)	Leach, Nathan		
				17-CA30 (head)	Ennes, D. (Kearney)		
				17-CA31 (leaf)	Ennes, D. (Kearney)		
				17-CA32 (head)	Kyser, Guy		
				17-CA33 (leaf)	Kyser, Guy		
				17-NM283 (head)(reg 10)	Hamilton, Cary		
				17-NM284 (leaf)(reg 10)	Hamilton, Cary		



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11902	17-TIR04	A	JOLLY	DIFENOCONAZOLE (SYNGEN)	PARSLEY	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: SEPTORIA LEAF SPOT

Use Pattern: (PCR): MAKE 2-4 FOLIAR APPLIC (MORE USE PATTERN DETAILS PER MFG DECISION); PER MFG 07/16: 0.114 LB AI/A (OR 7 OZ OF INSPIRE 2.08EC), 7-14 DAY INTERVAL BETWEEN APPLIC, 0-7 DAY PHI (PRODUCT TO BE EITHER QUADRIS TOP OR INSPIRE XT)

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: ANY 4, FRESH & DRY FROM ALL TRIALS (MINIMUM 1 IN REG. 10 AND 1 IN CANADA), 1 DECLINE TRIAL (1 TRIAL COVERED BY TASC \$\$)

Comments: THIS AI WAS IDENTIFIED AS EFFECTIVE ON SEPTORIA IN PPWS PR# 10709; THERE ARE FEW EFFECTIVE TOOLS:04/16; MFG SUPPORTS, RESIDUE ONLY; MFG WOULD ALSO SUPPORT THE WHOLE LEAFY VEG GROUP:07/16; CANADA INTEREST:08/16

NER-EPA Region-FRD

17-NJ268 Fisher, Jennifer
(Fresh and Dry)

NCR-EPA Region-FRD

17-OH*308 Horst, Leona
(Fresh and Dry)

SOR-EPA Region-FRD

WSR-EPA Region-FRD

17-CA*57 Benzen, Ms. Sharon D.
(Fresh and Dry)(decline)
17-CA*58 Benzen, Ms. Sharon D.
(Fresh and Dry)

CANADA-EPA Region-FRD

17-ON328 Weber-Henricks, Mar
(Fresh and Dry)
17-ON329 Riddle, Geoff
(Fresh and Dry)



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12029	17-FLR06	A	BARNEY	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:

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

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

17-NJ279 Fisher, Jennifer

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-SC*388 Wade, Paul
 17-SC*389 Wade, Paul
 17-TX413 Marconi, Cristina
 17-TX414 Marconi, Cristina

WSR-EPA Region-FRD

17-CA105 Leach, Nathan
 17-CA*106 Benzen, Ms. Sharon D.
 17-CA107 Ennes, D. (Kearney)
 17-NM295 Hamilton, Cary
 (Reg 9)

CANADA-EPA Region-FRD



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

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

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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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11877	17-YAR02	A	JOLLY	ETHABOXAM (VALENT)	GREENS (MUSTARD)	BRASSICA LEAFY GREENS SUBGROUP (04-16B)

Reason for Need: DOWNY MILDEW, PYTHIUM

Use Pattern: (PCR): USE THE INTEGO SOLO PRODUCT, A SEED TREATMENT FORM.; APPLY 8 FL OZ/A, FOLIAR OR SOIL APPLIED (UP TO 5 FOLIAR, 2 SOIL [IN-FURROW OR SHORTLY AFTER PLANTING]), 7-14 DAY INTERVAL, 3-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

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

Comments: SHOULD CONSIDER BROCCOLI USE PATTERN (PR# 10680):02/16; MFG SUPPORTS, NO E/CS NEEDED:05/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-MI213 Zandstra, Dr. Bernard H.
 17-OH*307 Horst, Leona
 (bridging)

17-GA*164 Fraelich, Ben
 17-GA*165 Fraelich, Ben
 17-NC231 Batts, Roger B.
 17-MS373 Horn, Tyler
 (region 4)
 17-SC*379 Wade, Paul
 17-TX405 Marconi, Cristina

17-CA52 Leach, Nathan
 (Decline)
 17-CA*53 Benzen, Ms. Sharon D.



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12026	17-TIR08	A	JOLLY	UNICONAZOLE-P (VALENT)	GREENS (MUSTARD) (GH TRANSPLANT)	BRASSICA LEAFY GREENS SUBGROUP (04-16B)

Reason for Need: GROWTH REGULATION - WITHOUT THIS, SOME CROP PLANTS WILL BOLT UNDER HOT GH CONDITIONS:08/16; PER REQUESTOR AT FUW, FIRST PRIORITY NEED IS FOR SUBGROUP 4-16B CROPS, WITH REP CROP MUSTARD GREENS:09/16

Use Pattern: (PCR): USE THE SUMAGIC PRODUCT; MAKE UP TO 2 FOLIAR APPLIC OF 2-10 PPM (TO SEEDLINGS ONLY IN THE GH), IN A VOLUME OF 2 QT SOLUTION/100 SQ FT; 7-14 DAY INTERVAL; NO PHI LISTED ON CURRENT LABEL; MFG REQUESTS THE LABELED USE PATTERN FOR FRUITING VEGETABLE TRANSPLANTS BE FOLLOWED (08/16)

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: ANY 4; 2 DECLINE TRIALS, IN THE FIELD AFTER TRANSPLANTING (PENDING CHEMSAC PROPOSAL)

Comments: REQUEST INCLUDES USE ON VARIOUS GH TRANSPLANTS FOR RETAIL SALE: ROOT/TUBER (CROP GROUP 1), LEAFY VEG (CROP GROUP 4-16), BRASSICA (CROP GROUP 5-16), HERBS; THE CURRENT SUMAGIC LABEL INCLUDES ONLY FRUITING VEGETABLES:07/16; MFG SUPPORTS, AND RECOMMENDS THE USE PATTERN CURRENTLY ESTABLISHED FOR FRUITING VEGETABLE TRANSPLANTS:08/16; FOR PROTOCOL AND MASTER SCHEDULE TRACKING, COMMODITY CHANGED TO MUSTARD GREENS (GH TRANSPLANTS) AS THE HIGHEST PRIORITY COMMODITY IN CROP GROUP 4-16, PER THE REQUESTOR:10/16

NER-EPA Region-FRD

17-NJ278 Freiburger, Tom

NCR-EPA Region-FRD

17-MI227 Hausbeck, Dr. Mary K.
(Hausbeck's strong and urgent request)
17-WI450 Heider, Daniel J.

SOR-EPA Region-FRD

17-FL155 Dittmar, Dr. Peter
(Decline)

WSR-EPA Region-FRD

17-CA104 Ennes, D. (Kearney)
(Decline)

CANADA-EPA Region-FRD



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

E/CS Research Comments:

IR-4 Residue Trial Plan: 2 3 4

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

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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11861	16-FLR07	A	ARSENOVIC	FLUAZIFOP-P-BUTYL (SYNGEN)	BROCCOLI	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: GRASSES

Use Pattern: (PCR): THE USE PATTERN NEEDS TO BE THE SAME AS FOR CABBAGE IN PR# 11862:01/16

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 2 6 10-4 12 (1 DECLINE); (NAFTA TRIAL SITES: 5-2 10-6); IN 2017 NEED ONLY A REPEAT REG. 5 TRIAL (TO REPLACE LOST QC TRIAL)

Comments: SEE PR# 02074 FOR AN OLD PROJECT, FOR WHICH A PETITION HAD BEEN WITHDRAWN; PER HQ DECISION, THIS NEW PR# IS ESTABLISHED TO REACTIVATE THIS USE REQUEST, ALLOWING IR-4 TO CONDUCT RESIDUE WORK TO COMPLETE THE ENTIRE BRASSICA CROP GROUP; CANADA/PMC PARTICIPATING IN THIS STUDY WITH SEVERAL TRIALS, SO NOW WILL BE A JOINT REVIEW PROJECT:01/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-QC367 Cloutier, Dominic



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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>
12035	17-MIR10	A	BARNEY	PROMETRYN (ADAMA,SYNGEN)	BROCCOLI	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: REDUCE THE PLANT BACK RESTRICTION FROM 12 MONTHS TO 3-4 MONTHS FOR BRUSSELS SPROUTS (RESIDUES TO BE DONE ON REP CROP BROCCOLI), 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 BRUSSELS SPROUT, PREFERABLY IN CA, WITH EVALUATIONS AT THE DESIRED 3-MONTH PLAN

E/CS Research Comments:

IR-4 Residue Trial Plan: 6 10-4 12 (CROP GROUP REDUCTION FOR REP CROP BROCCOLI)

Comments: SEE ALSO PROJECT REQUESTS 12029/SPINACH, 12034/CABBAGE (FOR REQUESTED NAPA CABBAGE) AND 12036/BELL AND NON-BELL PEPPER WHICH WERE ALL PART OF THE ORIGINAL REQUEST:08/16; MFG SUPPORTS FOR RESIDUE WORK, BUT SIMULTANEOUS BRUSSELS SPROUTS PLANTBACK CROP SAFETY TRIALS ARE REQUIRED:09/16; FOR RESIDUE PURPOSES, CHANGED COMMODITY FROM THE REQUESTED BRUSSELS SPROUTS TO REP CROP BROCCOLI:10/4/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-TX416 Marconi, Cristina

17-CA110 Kyser, Guy
 17-CA111 Ennes, D. (Kearney)
 17-CA112 Leach, Nathan
 17-CA*113 Benzen, Ms. Sharon D.
 17-CA*114 Benzen, Ms. Sharon D.
 17-OR356 Sturman, Peter



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<u>PR #</u> P10557	<u>LAB</u> -NONE	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u> BATTS	<u>CHEMICAL (MFG)</u> SULFENTRAZONE (FMC)	<u>COMMODITY</u> BROCCOLI	<u>CROP GROUP</u> BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)
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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:

E/CS Research Comments:

IR-4 Residue Trial Plan:

Comments: MFG REQUIRES E/CS DATA PRIOR TO RESIDUE STUDY:09/12; TOLERANCE IS ESTABLISHED, PRE-PLANT USE IS REGISTERED:09/14

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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11870	17-YAR01	A	JOLLY	ETHABOXAM (VALENT)	CABBAGE	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: PERONOSPORA PARASITICA/DOWNY MILDEW AND PYTHIUM

Use Pattern: (PCR): MAKE 1 OR 2 FOLIAR AND/OR SOIL APPLIC OF 0.25 LB AI/A; 2-DAY PHI; FROM ME-TOO REQUEST: USE THE INTEGSO SOLO PRODUCT, A SEED TREATMENT FORM.; APPLY 8 FL OZ/A, FOLIAR OR SOIL APPLIED (UP TO 5 FOLIAR, 2 SOIL [IN-FURROW OR SHORTLY AFTER PLANTING]), 7-14 DAY INTERVAL, 3-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 1-2 2 3 5 6 8 10, 1 DECLINE TRIAL (2 TRIALS ARE COVERED BY TASC \$\$)

Comments: MFG SUPPORTS, RESIDUE ONLY:03/16

NER-EPA Region-FRD

17-MD266 Ross, Marylee
(bridging)
17-NJ267 Fisher, Jennifer

NCR-EPA Region-FRD

17-OH*306 Horst, Leona
(bridging)
17-WI436 Heider, Daniel J.

SOR-EPA Region-FRD

17-FL139 Dittmar, Dr. Peter
17-NC230 Batts, Roger B.
(decline)
17-SC*378 Wade, Paul
17-TX404 Marconi, Cristina

WSR-EPA Region-FRD

17-CA*47 Benzen, Ms. Sharon D.
17-NM286 Hamilton, Cary
(reg 8)

CANADA-EPA Region-FRD



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12034	17-MIR09	A	BARNEY	PROMETRYN (ADAMA,SYNGEN)	CABBAGE	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: REDUCE THE PLANT BACK RESTRICTION FROM 12 MONTHS TO 3-4 MONTHS FOR NAPA CABBAGE (RESIDUES BEING DONE ON REP CROP CABBAGE), 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 NAPA CABBAGE, PREFERABLY IN CA, WITH EVALUATIONS AT THE DESIRED 3-MONTH PLANTBACK

E/CS Research Comments:

IR-4 Residue Trial Plan: 1 2 3 5 6 10 (CROP GROUP REDUCTION FOR REP CROP CABBAGE)

Comments: SEE ALSO PROJECT REQUESTS 12029/SPINACH, 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 NAPA CABBAGE PLANTBACK CROP SAFETY TRIALS ARE REQUIRED:09/16; FOR RESIDUE PURPOSES, CHANGED COMMODITY FROM THE REQUESTED NAPA CHINESE CABBAGE TO REP CROP CABBAGE:10/4/16

NER-EPA Region-FRD

17-NJ280 Fisher, Jennifer

NCR-EPA Region-FRD

17-OH*319 Horst, Leona
17-OH320 Doohan, D.

SOR-EPA Region-FRD

17-FL156 Dittmar, Dr. Peter
17-GA*175 Fraelich, Ben
17-SC*390 Wade, Paul
17-TX415 Marconi, Cristina

WSR-EPA Region-FRD

17-CA*108 Benzen, Ms. Sharon D.
17-CA109 Leach, Nathan

CANADA-EPA Region-FRD



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09778	17-FLR05	A	SAMOIL	NOVALURON (ADAMA,MACDERMID)	PEA (EDIBLE PODDED & SUCCULENT SHELLED)	EDIBLE PODDED AND SUCCULENT SHELLED PEA/BEAN SUBGROUPS (06AB)

Reason for Need: PLANT BUGS (WESTERN TARNISHED PLANT BUG), LYGUS HESPERUS, LEP. LARVAE, WHITEFLIES; PER WI 08/16 REQUEST, ADD COLORADO POTATO BEETLE (CPB) (ON SUCCULENT SHELLED PEA)

Use Pattern: (PCR): USE THE RIMON PRODUCT; 14 OZ/A; REPEAT AT 14-DAY INTERVALS; 3 APPLIC/SEASON; MFG REQUESTS 12 OZ/A; PER 08/16 WI REQUEST FOR CPB CONTROL: MAKE 2 FOLIAR APPLIC OF RIMON AT 12 FL OZ PROD/A (0.078 LB AI/A), 7-DAY INTERVAL, 14-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: SUCCULENT-SHELLED: 1/2 5-3 11 12; EDIBLE-PODDED: ANY 3 (NEED 5 FOR CODEX); 1 DECLINE TRIAL ON EACH TYPE

Comments: INCLUDE PR# 09779; PER WI 08/16 REQUEST, NEED RIMON FOR CPB CONTROL IN SUCCULENT SHELLED PEAS WHEN THEY ATTACK VOLUNTEER POTATO PLANTS IN PROCESSING PEA FIELDS; IT IS NOT POSSIBLE TO SEPARATE CPB ADULTS FROM PEA SEED; THIS USE OF RIMON WILL CONTROL CPB LARVAE, AND THUS ELIMINATE ADULT CPB:08/16

NER-EPA Region-FRD

17-NJ260 Fisher, Jennifer
(edible podded)
17-NJ261 Fisher, Jennifer
(succulent shelled)

NCR-EPA Region-FRD

17-MI209 Zandstra, Dr. Bernard H.
(succulent shelled)
17-OH302 Doohan, D.
(edible podded)
17-OH*303 Horst, Leona
(succulent shelled)
17-OH*304 Horst, Leona
(edible podded)
17-WI434 Chapman, Scott
(succulent shelled) (decline)

SOR-EPA Region-FRD

17-SC*377 Wade, Paul
(edible podded)

WSR-EPA Region-FRD

17-ID186 Meeks, Mr. Will
(edible podded)(decline)
17-OR337 Koskela, Ms. Gina
(succulent shelled)(reg 12)
17-WA418 Peng, Wilson
(edible podded)
17-WA*419 Harvey, John
(succulent shelled)
17-WA*457 Harvey, John
(edible podded)

CANADA-EPA Region-FRD



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11980	17-FLR08	A	SAMOIL	TRIBENURON-METHYL (DUPONT,NUFARM)	BEAN (DRIED SHELLED)	DRIED SHELLED PEA/BEAN (EXCEPT SOYBEAN) SUBGROUP (06C)

Reason for Need: NARROWLEAF HAWKSBEARD, FALSE CHAMOMILE, DANDELION, PRICKLY LETTUCE, MUSTARD SPP.

Use Pattern: (PCR): USE THE EXPRESS PRODUCT; MAKE 1 PREPLANT (1-7 DAYS PRIOR TO PLANTING) APPLIC OF 0.25 LB AI/A TO EMERGED WEEDS; IF USED ON LIGHT TEXTURED SOILS (SAND AND LOAMY SAND) OR ON HIGH PH SOILS (>7.9), EXTEND TIME TO PLANTING BY 7 MORE DAYS

E/CS Data Requirements: CROP SAFETY DATA SHOULD BE COLLECTED DURING RESIDUE TRIAL CONDUCT:09/16

E/CS Research Comments:

IR-4 Residue Trial Plan: 5-4 7 8 9 10 11 (NO DECLINE TRIAL NEEDED; NO FORAGE OR HAY NEEDED)

Comments: KEY EXPORT MARKETS INCLUDE MEXICO, CARRIBEAN, CENTRAL/SOUTH AMERICA, EU; USE IS LABELED IN CANADA, SO CROP TOLERANCE AND YIELD DATA SHOULD BE AVAILABLE:07/16; DUPONT GAVE MFG SUPPORT FOR THIS REQUEST, RESIDUE ONLY, AT THE FUW, PROVIDED THAT CROP SAFETY DATA ARE COLLECTED DURING RESIDUE TRIAL CONDUCT, AND THAT NO FURTHER STUDIES ARE TRIGGERED:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-MI217 Zandstra, Dr. Bernard H.
 17-ND252 Howatt, Kirk
 (reg.5)
 17-OH*310 Horst, Leona
 17-SD396 Clay, Dr. Sharon
 (reg. 7)
 17-WI446 Chapman, Scott

17-CA84 Skiles, Keri
 17-ID192 Meeks, Mr. Will
 17-NM288 Hamilton, Cary
 (reg 8)
 17-NM289 Hamilton, Cary
 (reg 9)
 17-WA*427 Harvey, John



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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11963	17-TIR07	A	JOLLY	PROPICONAZOLE (ADAMA,SYNGEN)	PEA (DRY)	DRIED SHELLED PEA/BEAN (EXCEPT SOYBEAN) SUBGROUP (06C)

Reason for Need: FUNGUS PESTS ANTHRACNOSE, MYCHOSPARELLA PINODES

Use Pattern: (PCR): USE TILT PRODUCT; MAKE 3 FOLIAR APPLIC OF 10.8 OZ PROD/A/YEAR, 7-DAY INTERVAL, BY GROUND OR AIR; 7-DAY PHI; USE PATTERN NEEDS TO BE SIMILAR TO DRY BEANS

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 7-4 11 14-3 (THESE ARE NAFTA TRIAL SITES - SEE COMMENTS FOR CANADIAN DATA AVAILABLE)

Comments: KEY EXPORT MARKETS INCLUDE CANADA, EU, CHINA, INDIA, CODEX; NEED TO ESTABLISH A TOLERANCE, COMPLETE CROP SUBGROUP 6C AND HARMONIZE WITH CANADA, WHERE THE USE IS LABELED; IN ADDITION TO GENERATING DATA TO ELIMINATE TRADE IRRITANT, MFG REQUESTS IR-4 OBTAIN A CROP GROUP/SUBGROUP MRL, AND USE PATTERN FOR DRY PEA SHOULD MATCH THAT OF DRY BEAN:07/16; IR-4 TO DETERMINE IF THERE IS ANY CANADIAN DATA THAT COULD BE USED IN US:10/16; MFG CONFIRMED RESIDUE DATA ARE AVAILABLE FROM CANADA - 1 TRIAL IN ZONE 5, 4 TRIALS IN ZONE 14:10/31/16; NEED FOR A DECLINE TRIAL REMOVED:04/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-ND249 Jenks, Dr. Brian
(reg 7)
17-SD250 Clay, Dr. Sharon
(reg 7)
17-ND251 Jenks, Dr. Brian
(reg 7)
17-SD395 Clay, Dr. Sharon
(reg 7)

17-ID189 Meeks, Mr. Will
17-WA*424 Harvey, John



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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:

IR-4 Residue Trial Plan:

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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11981	17-FLR09	A	SAMOIL	TRIBENURON-METHYL (DUPONT,NUFARM)	PEA (DRY)	DRIED SHELLED PEA/BEAN (EXCEPT SOYBEAN) SUBGROUP (06C)

Reason for Need: NARROWLEAF HAWKSBEARD, FALSE CHAMOMILE, DANDELION, PRICKLY LETTUCE, MUSTARD SPP.

Use Pattern: (PCR): USE THE EXPRESS PRODUCT; MAKE 1 PREPLANT (1-7 DAYS PRIOR TO PLANTING) APPLIC OF 0.25 LB AI/A TO EMERGED WEEDS; IF USED ON LIGHT TEXTURED SOILS (SAND AND LOAMY SAND) OR ON HIGH PH SOILS (>7.9), EXTEND TIME TO PLANTING BY 7 MORE DAYS

E/CS Data Requirements: CROP SAFETY DATA ARE TO BE COLLECTED DURING RESIDUE TRIAL CONDUCT:09/16

E/CS Research Comments:

IR-4 Residue Trial Plan: 7-3 11/12-2 (NO DECLINE TRIAL NEEDED); COLLECT FOARGE AND HAY SAMPLES, TOO

Comments: KEY EXPORT MARKETS INCLUDE INDIA, ETHIOPIA, CHINA, DJIBOUTI, PERU, PHILLIPPINES, CANADA, KENYA, SRI LANKA, TAIWAN; A 0.01 PPM TOLERANCE IS ESTABLISHED IN CANADA:07/16; RESISTANCE TO THIS PRODUCT HAS BEEN NOTED IN SOME ID/WA EFFICACY TRIALS, BUT THERE IS STILL A FIT FOR THIS TOOL IN THE INDUSTRY IF IT IS LABELED; THE USADPLC SUPPORTS THIS NEED FOR THE INDUSTRY, AND THE USE PATTERN AND EFFICACY INDICATE IT SHOULD BE LABELED FOR THE ENTIRE CROP SUBGROUP 6C DRIED LEGUMES:08/16; DUPONT GAVE MFG SUPPORT FOR THIS REQUEST, RESIDUE ONLY, AT THE FUW, PROVIDED THAT CROP SAFETY DATA ARE COLLECTED DURING RESIDUE TRIAL CONDUCT, AND THAT NO FURTHER STUDIES ARE TRIGGERED:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-ND253 Jenks, Dr. Brian
(reg 7)
17-SD254 Clay, Dr. Sharon
(reg 7)
17-SD397 Clay, Dr. Sharon
(reg 7)

17-ID193 Meeks, Mr. Will
17-WA*428 Harvey, John
17-WA429 Peng, Wilson



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12021	17-TBD	A	ARSENOVIC	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

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

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

NER-EPA Region-FRD

17-NJ277 Fisher, Jennifer
(Fruited Fresh Market Variety-Large)

NCR-EPA Region-FRD

17-OH*317 Horst, Leona
(Fruited Fresh Market Variety-Large)
17-WI449 Heider, Daniel J.
(Fruited Variety-Small)

SOR-EPA Region-FRD

17-FL150 Dittmar, Dr. Peter
(Fruited Variety-Small)
17-FL151 Dittmar, Dr. Peter
(Fruited Fresh Market Variety-Large)
17-NC242 Batts, Roger B.
(Fruited Fresh Market Variety-Large)
17-SC*386 Wade, Paul
(Fruited Variety-Small)

WSR-EPA Region-FRD

17-CA95 Skiles, Keri
(Processing Variety)(Processing Sample)
17-CA96 Skiles, Keri
(Fruited Fresh Market Variety-Large)
17-CA97 Kyser, Guy
(Processing Variety-Large)(Decline)
17-CA98 Kyser, Guy
(Fruited Fresh Market Variety-Large)
17-CA99 Leach, Nathan
(Processing Variety)
17-CA100 Leach, Nathan
(Fresh Market Variety-Small)(Decline)
17-NM292 Hamilton, Cary
(Processing Variety)(Reg 10)

CANADA-EPA Region-FRD



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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

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

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



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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

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

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



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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

IR-4 Residue Trial Plan: ANY 4 TRIALS (1 DECLINE TRIAL, AND AT LEAST 2 TRIALS SMALL-FRUITED VARIETY)

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

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
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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11919	17-FLR10	A	LENNON	SPINETORAM+SULFOXAFLO R (DOWAGR)	TOMATO (GH)	TOMATO SUBGROUP (08-10A)

Reason for Need: PSYLLIDS, LEPIDOPTERAN LARVAE, THRIPS, WHITEFLIES

Use Pattern: (PCR): USE OF THE COMBO PRODUCT XXPIRE WG (20% SPINETORAM & 20% SULFOXAFLO/LB PRODUCT) IS RECOMMENDED BY MFG (OVER EITHER PRODUCT ALONE); FOR USE ONLY IN GH FRUIT PRODUCTION (NOT TRANSPLANTS); MAKE 4 FOLIAR APPLIC OF 4-7 OZ PROD/AAT 7-14 DAY INTERVALS; PHI OF 0-3 DAYS (BUT BEST IF 2 OR LESS)

E/CS Data Requirements:

E/CS Research Comments:

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

Comments: CANADA IS A KEY EXPORT MARKET; THE SPINETORAM COMPONENT OF THIS PRODUCT HAS BEEN CLASSIFIED AS REDUCED RISK FOR ONE OR MORE USES:05/16; COULD COVER PR# 11913 (A REQUEST FOR JUST SPINETORAM); MFG TO CONFIRM IF THERE IS DATA AVAILABLE THAT COULD COVER THIS USE:06/16; CANADA INTEREST:08/16

NER-EPA Region-FRD

17-MD203 Ross, Marylee
(large fruit)

NCR-EPA Region-FRD

17-WI437 Chapman, Scott
(large fruit)

SOR-EPA Region-FRD

17-FL142 Dittmar, Dr. Peter
(small fruit)

WSR-EPA Region-FRD

17-CA59 Ennes, D. (Kearney)
(Small fruit)(Decline)

CANADA-EPA Region-FRD

17-ON330 Riddle, Geoff
(large)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12022	17-TBD	A	ARSENOVIC	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:

IR-4 Residue Trial Plan: BELL: 2-2 3-2 5 6 10-2; NON: 2 3/5 8 9 10; 1 DECLINE TRIAL FOR EACH PEPPER TYPE (2 BELL AND 2 NON-BELL TRIALS COVERED BY TASC \$\$)

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-MI226 Zandstra, Dr. Bernard H.
(bell)
17-OH*318 Horst, Leona
(bell)

17-FL152 Dittmar, Dr. Peter
(Bell)
17-FL153 Dittmar, Dr. Peter
(bell)
17-FL154 Dittmar, Dr. Peter
(Non-bell)(decline)
17-GA*174 Fraelich, Ben
(bell)(decline)
17-NC243 Batts, Roger B.
(Non-bell)
17-NC244 Batts, Roger B.
(Bell)
17-SC*387 Wade, Paul
(bell)
17-TX412 Marconi, Cristina
(bell)

17-CA101 Skiles, Keri
(Non-bell)
17-CA102 Leach, Nathan
(bell)
17-CA103 Skiles, Keri
(bell)
17-NM293 Hamilton, Cary
(Non-bell)(Reg 8)
17-NM294 Hamilton, Cary
(Non-bell)(Reg 9)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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:

IR-4 Residue Trial Plan: BELL: 2-2 3-2 5 6 10-2; NON: 2 3/5 8 9 10; 1 DECLINE TRIAL FOR EACH PEPPER TYPE (2 BELL AND 2 NON-BELL TRIALS COVERED BY TASC \$\$)

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12036	17-MIR11	A	BARNEY	PROMETRYN (ADAMA,SYNGEN)	PEPPER (BELL & NONBELL)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: REDUCE THE PLANT BACK RESTRICTION FROM 12 MONTHS TO 3-4 MONTHS FOR PEPPERS, 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 BELL AND NON-BELL PEPPERS, PREFERABLY IN CA, WITH EVALUATIONS AT THE DESIRED 3-M

E/CS Research Comments:

IR-4 Residue Trial Plan: BELL: 2-2 3-2 5 6 10-2; NON-BELL: ANY 3 (OFTEN 8 9 10) (RESIDUES UNLIKELY, NO CODEX)

Comments: SEE ALSO PROJECT REQUESTS 12029/SPINACH, 12034/CABBAGE (FOR THE REQUESTED NAPA CABBAGE) AND 12035/BROCCOLI (FOR THE REQUESTED BRUSSELS SPROUTS) WHICH WERE ALL PART OF THE ORIGINAL REQUEST:08/16; MFG SUPPORTS FOR RESIDUE WORK, BUT SIMULTANEOUS PEPPER PLANTBACK CROP SAFETY TRIALS ARE REQUIRED:09/16

NER-EPA Region-FRD

17-NJ281 Freiburger, Tom
(bell)

NCR-EPA Region-FRD

17-MI228 Zandstra, Dr. Bernard H.
(non-bell)
17-OH*321 Horst, Leona
(bell)

SOR-EPA Region-FRD

17-FL157 Dittmar, Dr. Peter
(bell)
17-GA*176 Fraelich, Ben
(bell)
17-SC*391 Wade, Paul
(bell)
17-TX417 Marconi, Cristina
(bell)

WSR-EPA Region-FRD

17-CA115 Leach, Nathan
(Non-bell)
17-CA116 Kyser, Guy
(bell)
17-CA117 Leach, Nathan
(bell)
17-CA118 Ennes, D. (Kearney)
(bell)
17-CA119 Ennes, D. (Kearney)
(Non-bell)
17-NM296 Hamilton, Cary
(non-bell)(Reg 9)

CANADA-EPA Region-FRD



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11944	17-FLR12	A	LENNON	SPINETORAM+SULFOXAFLO R (DOWAGR)	PEPPER (BELL & NONBELL) (GH)	PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS (08-10BC)

Reason for Need: PEPPER WEEVIL, PSYLLIDS, THRIPS, LEPIDOPTERA

Use Pattern: (PCR): USE THE XXPIRE WG PRODUCT; FOR USE IN GH FRUIT PRODUCTION ONLY (NOT TRANSPLANTS); MAKE UP TO 4 FOLIAR APPLIC (RATE NOT SPECIFIED), 7-14 DAY INTERVALS, 0-4 DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

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

Comments: CANADA IS A KEY EXPORT MARKET; FEW PRODUCTS ARE AVAILABLE FOR USE ON GH PEPPERS, AND PEPPER WEEVIL IS A KEY PROBLEM; POSSIBLY COVER PR# 11678 (SULFOXAFLO) AND 11943 (SPINETORAM) WITH THIS COMBO PRODUCT:06/16; MFG SUPPORTS EACH AI, AND PREFERS IR-4 TO PURSUE THE COMBO PRODUCT FOR THIS GH USE:08/16; IS AN "A" PRIORITY IN CANADA FOR PEPPER WEEVIL:09/16

NER-EPA Region-FRD

17-MD205 Ross, Marylee
(small fruit)(decline)

NCR-EPA Region-FRD

17-WI439 Chapman, Scott
(large fruit)

SOR-EPA Region-FRD

17-FL145 Dittmar, Dr. Peter
(Small fruit)

WSR-EPA Region-FRD

17-CA68 Ennes, D. (Kearney)
(Large fruit)

CANADA-EPA Region-FRD

17-ON332 Riddle, Geoff
(large fruit)



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

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

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

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

Comments: CANADA WILL USE U.S. RESIDUE DATA (NEED ANY 4 TRIALS) AND CONDUCT E/CS TRIALS:10/14

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12018	17-TBD	A	ARSENOVIC	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

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

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

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-MI225	Zandstra, Dr. Bernard H.	17-NC239	Batts, Roger B.	17-CA89	Leach, Nathan	17-ON334	Weber-Henricks, Mar
17-OH*314 (decline)	Horst, Leona	17-SC*382	Wade, Paul	17-CA90	Skiles, Keri		
		17-TX411	Marconi, Cristina	17-CA91	Kyser, Guy		
				17-CA92	Skiles, Keri		



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

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

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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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12019	17-TBD	A	ARSENOVIC	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

IR-4 Residue Trial Plan: 2-3 3 5-3 10 (4 PICKLING AND 4 SLICING TRIALS), 1 DECLINE TRIAL (THESE ARE NAFTA TRIAL SITES)

Comments: MFG SUPPORTS; CANADA INTEREST: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-OH*315 Horst, Leona
(slicing)
17-WI447 Heider, Daniel J.
(slicing)

17-FL149 Dittmar, Dr. Peter
(pickling)
17-GA*172 Fraelich, Ben
(slicing)(reg 2)
17-NC240 Batts, Roger B.
(pickling)
17-SC*383 Wade, Paul
(slicing)

17-CA93 Leach, Nathan
(Decline) (pickling)

17-ON335 Wismer, R.J.
(slicing)
17-QC371 Cloutier, Dominic
(pickling)



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan: 2-3 3 5-3 10 (4 PICKLING AND 4 SLICING TRIALS), 1 DECLINE TRIAL (THESE ARE NAFTA TRIAL SITES)

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan: ANY 4 TRIALS (2 MINIATURE-FRUITED, 2 LARGE-FRUITED) (1 DECLINE)

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11926	17-FLR11	A	LENNON	SPINETORAM+SULFOXAFLO R (DOWAGR)	CUCUMBER (GH)	SQUASH/CUCUMBER SUBGROUP (09B)

Reason for Need: PSYLLIDS, PEPPER WEEVIL, THRIPS, LEPIDOPTERA

Use Pattern: (PCR): USE THE XXPIRE WG PRODUCT; USE RADIANT AI/A RATES; MAKE 3-4 FOLIAR APPLIC, 10-14 DAY INTERVAL; 0-1 DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

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

Comments: CANADA IS A KEY EXPORT MARKET:05/16COULD BE COVERED UNDER PR# 11919 (A COMBO REQUEST WITH SULFOXAFLO); MFG TO CONFIRM IF THERE IS DATA AVAILABLE THAT COULD COVER THIS USE:06/16

NER-EPA Region-FRD

17-MD204 Ross, Marylee
(small fruit)(decline)

NCR-EPA Region-FRD

17-WI438 Chapman, Scott
(large fruit)

SOR-EPA Region-FRD

17-FL143 Dittmar, Dr. Peter
(small fruit)

WSR-EPA Region-FRD

17-CA60 Ennes, D. (Kearney)
(Large fruit)

CANADA-EPA Region-FRD

17-ON331 Riddle, Geoff
(large fruit)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12020	17-TBD	A	ARSENOVIC	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

IR-4 Residue Trial Plan: 1 2-2 3 5-2 10 12, 1 DECLINE TRIAL (THESE ARE NAFTA TRIAL SITES)

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

NER-EPA Region-FRD

17-NJ276 Fisher, Jennifer

NCR-EPA Region-FRD

17-OH*316 Horst, Leona
17-WI448 Heider, Daniel J.

SOR-EPA Region-FRD

17-GA*173 Fraelich, Ben
(reg 3)
17-NC241 Batts, Roger B.
(decline)
17-SC*384 Wade, Paul
17-SC*385 Wade, Paul

WSR-EPA Region-FRD

17-CA94 Skiles, Keri
17-OR456 Koskela, Ms. Gina
(Reg 12)

CANADA-EPA Region-FRD

17-NS300 Peill, Heather
17-ON336 Weber-Henricks, Marj



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan: 1 2-2 3 5-2 10 12, 1 DECLINE TRIAL (THESE ARE NAFTA TRIAL SITES)

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



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
12090	17-CAR01	A	HOMA	FLUOPICOLIDE (VALENT)	ORANGE	ORANGE SUBGROUP (10-10A)

Reason for Need:

Use Pattern: (PCR):

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 3-8 (REPLACEMENT TRIALS FOR 11021 TRIALS LOST DUE TO UNDER-APPLICATION); DOING 4 TRIALS IN 2017 (1 DECLINE) & 4 "RED A" TRIALS IN 2018 (1 DECLINE)

Comments: SEE PR# 11021 FOR ALL DETAILS ABOUT THIS REQUEST (NEED, IPM COMMENTS, ETC.); THIS NEW PR# WAS CREATED FOR THIS NEED TO COVER REPLACEMENT "RED A" TRIALS, SINCE 11021 DATA WAS ALREADY SUBMITTED TO EPA:10/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL158 Dittmar, Dr. Peter
(decline)
17-FL159 Dittmar, Dr. Peter
17-FL160 Dittmar, Dr. Peter
(Nov 2016 start date)
17-FL161 Dittmar, Dr. Peter
(Nov 2016 start date)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12093	17-TBD	A	LENNON	NITRAPYRIN (DOWAGR)	ORANGE	ORANGE SUBGROUP (10-10A)

Reason for Need: TO INHIBIT NITROSOMONAS BACTERIA IN THE SOIL TO REDUCE CONVERSION OF AMMONIUM TO NITRATE

Use Pattern: (PCR):

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 6

Comments: ORIGINAL PR# 11315 IS ALMOST COMPLETE; THIS PR# ESTABLISHED FOR A TX REPLACEMENT TRIAL IN 2017 IN CASE MORE DATA IS NEEDED:12/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-TX401 Marconi, Cristina



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u> 12091	<u>LAB</u> 17-CAR02	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> HOMA	<u>CHEMICAL (MFG)</u> FLUOPICOLIDE (VALENT)	<u>COMMODITY</u> GRAPEFRUIT	<u>CROP GROUP</u> GRAPEFRUIT SUBGROUP (10-10C)
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Reason for Need:

Use Pattern: (PCR):

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 3-3 (REPLACEMENT TRIALS FOR 11022 TRIALS LOST DUE TO UNDER-APPLICATION); DOING 1 TRIAL IN 2017 & 2 "RED A" TRIALS IN 2018

Comments: SEE PR# 11022 FOR ALL DETAILS ABOUT THIS REQUEST (NEED, IPM COMMENTS, ETC.); THIS NEW PR# WAS CREATED FOR THIS NEED TO COVER REPLACEMENT "RED A" TRIALS, SINCE 11022 DATA WAS ALREADY SUBMITTED TO EPA:10/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL162 Dittmar, Dr. Peter



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12094	17-TBD	A	LENNON	NITRAPYRIN (DOWAGR)	GRAPEFRUIT	GRAPEFRUIT SUBGROUP (10-10C)

Reason for Need: TO INHIBIT NITROSOMONAS BACTERIA IN THE SOIL TO REDUCE CONVERSION OF AMMONIUM TO NITRATE

Use Pattern: (PCR):

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 6

Comments: ORIGINAL PR# 11316 IS ALMOST COMPLETE; THIS PR# ESTABLISHED FOR A TX REPLACEMENT TRIAL IN 2017 IN CASE MORE DATA IS NEEDED:12/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-TX402 Marconi, Cristina



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11747	16-CAR07	A	LEONARD	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

IR-4 Residue Trial Plan: SOUR: 1 5-4 9; SWEET: 5-2 10-2 11-2 (2 DECLINES, 1 EACH CHERRY TYPE); NAFTA SITES - SOUR: 1 5-6 9; SWEET: 5 10-2 11-4 12

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

17-NY4 Palmer, Scott
(2016 \$\$\$)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: SOUR: 1 5-4 9; SWEET: 5-2 10-2 11-2 (2 DECLINES, 1 EACH CHERRY TYPE); NAFTA SITES - SOUR: 1 5-6 9; SWEET: 5 10-2 11-4 12

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11761	16-CAR08	A	LEONARD	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

IR-4 Residue Trial Plan: 1 2-3 5 6 10-3 (1 DECLINE); NAFTA SITES: 1 2-2 5-2 10-3

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

17-NY5 Palmer, Scott
(2016 \$\$\$)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan: 1 2-3 5 6 10-3 (1 DECLINE); NAFTA SITES: 1 2-2 5-2 10-3

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: 5 10-4 12 (1 DECLINE); 1 PROCESSING (DRIED PLUMS); NAFTA SITES: 5-2 10-6

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 Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11794	17-YAR04	A	LENNON	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:

IR-4 Residue Trial Plan: BLACKBERRY: 5 12-3, 1 DECLINE TRIAL; RASPBERRY: 1 5 12, 1 DECLINE TRIAL (THESE ARE NAFTA TRIAL SITES) (2 TRIALS ARE COVERED BY TASC \$S)

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-NJ264 Freiburger, Tom
(raspberry)

NCR-EPA Region-FRD

17-MI211 Zandstra, Dr. Bernard H.
(raspberry)
17-MI212 Zandstra, Dr. Bernard H.
(blackberry)

SOR-EPA Region-FRD

WSR-EPA Region-FRD

17-CA46 Skiles, Keri
(blackberry)
17-OR341 Koskela, Ms. Gina
(raspberry)
17-OR342 Koskela, Ms. Gina
(raspberry)(Decline)
17-OR343 Koskela, Ms. Gina
(blackberry)(decline)
17-OR344 Koskela, Ms. Gina
(blackberry)

CANADA-EPA Region-FRD

17-BC8 Clodius, Markus
(blackberry)
17-NS298 Peill, Heather
(raspberry)
17-ON326 Wismer, R.J.
(blackberry)
17-ON327 Wismer, R.J.
(raspberry)



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: BLACKBERRY: 5 12-3, 1 DECLINE TRIAL; RASPBERRY: 1 5 12, 1 DECLINE TRIAL (THESE ARE NAFTA TRIAL SITES) (2 TRIALS ARE COVERED BY TASC \$S)

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11867	16-CAR12	A	BARNEY	ACEQUINOCYL (ARYSTA)	BLUEBERRY	BUSHBERRY SUBGROUP (13-07B)

Reason for Need: TWO-SPOTTED SPIDER MITES, BROAD MITES; SOUTHERN RED MITE ADDED BY FL REQUEST

Use Pattern: (PCR): USE KANEMITE 15SC PRODUCT; MAKE TWO FOLIAR APPLIC OF 0.3 LB A/A IN MINIMUM 30 GPA, 14-DAY INTERVAL, 1-DAY PHI (COVERS FL REQUEST FOR A 7-DAY PHI)

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 1 2-3 5-3 12 (1 DECLINE); FOR 2017 NEED ONLY A REG. 1 TRIAL TO REPLACE ME TRIAL LOST IN 2016

Comments: KEY EXPORT MARKETS INCLUDE CANADA, EU, JAPAN, SINGAPORE, TAIWAN; NEED TO MANAGE INJURY TO VEGETATIVE AND REPRODUCTIVE PLANT TISSUES:01/16

NER-EPA Region-FRD

17-NJ265 Freiberger, Tom

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11983	17-TIR02	A	SAMOIL	BUPROFEZIN (NAI)	BLUEBERRY	BUSHBERRY SUBGROUP (13-07B)

Reason for Need: SCALE INSECTS (WITH INCREASED USE OF PYRETHROIDS FOR SWD, SECONDARY PESTS LIKE SCALES HAVE INCREASED)

Use Pattern: (PCR): USE THE CENTAUR 70 WDG PRODUCT; MAKE 1 FOLIAR APPLIC OF 34.5 OZ PRODUCT/A; 7-DAY PHI (SPRAY TIMING IS BEST WHEN CRAWLER STAGE OF SCALES IS TARGETED)

E/CS Data Requirements:

E/CS Research Comments:

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

Comments: KEY EXPORT MARKETS INCLUDE CANADA:07/16; MFG SUPPORTS AT FUW, RESIDUE ONLY:09/22/16

NER-EPA Region-FRD

17-NJ274 Freiburger, Tom
17-NJ275 Freiburger, Tom

NCR-EPA Region-FRD

17-MI218 Van Woerkom, Anthony
17-MI219 Van Woerkom, Anthony
17-MI220 Van Woerkom, Anthony
(decline)

SOR-EPA Region-FRD

17-GA*169 Fraelich, Ben
17-NC236 Batts, Roger B.

WSR-EPA Region-FRD

17-OR354 Koskela, Ms. Gina

CANADA-EPA Region-FRD



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11969	17-LSR095	A	POGODA	FLONICAMID (FMC,ISK)	BLUEBERRY	BUSHBERRY SUBGROUP (13-07B)

Reason for Need: APHIDS, PLANT BUGS, THRIPS (APHIDS IN NJ TRANSMIT DISEASE, AND ALTERNATIVES TO NEONICOTENOIDS ARE NEEDED)

Use Pattern: (PCR): USE THE BELEAF 50SG PRODUCT; MAKE 2-3 FOLIAR APPLIC OF 100-150 G AI/HA (2.8-4.3 OZ/A), 7-DAY INTERVAL; 0-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 1 2 5-2 12-4 (NAFTA SITES), 1 DECLINE

Comments: KEY EXPORT MARKET INCLUDES CANADA, ETC.; MFG IS WORKING ON INT'L MRLS:07/16; IS AN "A" PRIORITY FOR CANADA IN 2017, AND PMC IS DOING 1 PERFORMANCE TRIAL, PROBABLY IN ZONE 5:09/16; MFG REMOVED THE NEED FOR E/CS DATA:10/16/16

NER-EPA Region-FRD

17-CNJO91 Freiburger, Tom

NCR-EPA Region-FRD

17-CMI093 Van Woerkom, Anthony
17-CMI094 Van Woerkom, Anthony

SOR-EPA Region-FRD

17-CGA*092 Fraelich, Ben

WSR-EPA Region-FRD

17-COR186 Koskela, Ms. Gina
(Decline)
17-COR187 Koskela, Ms. Gina
17-COR188 Koskela, Ms. Gina
17-COR189 Koskela, Ms. Gina

CANADA-EPA Region-FRD

17-CBC185 Clodius, Markus
17-CON184 Wismer, R.J.



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Print Date: 5/22/2017

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11719	16-MIR13	A	JOLLY	OXATHIPIPROLIN (SYNGEN)	STRAWBERRY	LOW GROWING BERRY SUBGROUP (13-07G)

Reason for Need: PHYTOPHTHORA SPECIES (LEATHER ROT, RED STELE, CROWN ROT); PYTHIUM (BLACK ROOT ROOT)

Use Pattern: (PCR): USE THE ORONDIS PRODUCT; MAKE 2 SOIL BROADCAST APPLIC OF 0.27 LB A/A OVER TOP OF PLANTS, 7-DAY INTERVAL, 1-DAY PHI; FOLLOW WITH 0.25-0.5 INCH OF IRRIGATION; MFG REQUESTS THE FOLLOWING USE PATTERN FOR THIS MFG-SPONSORED RESIDUE STUDY: APPLY OXTP OD IN 2 DRIP APPLIC OF 19.2 FL OZ/A, WITH 1ST APPLIC AFTER TRANSPLANT AND 2ND APPLIC 4-6 WEEKS LATER; MAKE A 3RD APPLIC AS A FOLIAR SPRAY OF 4.8 FL OZ/A AT A 0-DAY PHI; MAX TOTAL PRODUCT/A IS 43.2 FL OZ/A/YEAR:09/15

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 1 2 3 5 10-3 12 (1 DECLINE); NAFTA SITES: 1 3 5-2 10-3 12; CA TRIAL LOST IN 2016 WAS REPLACED WITH 2017 TRIAL # FOR 2017 FUNDING

Comments: ROOT ROT IS WIDESPREAD PROBLEM IN STRAWBERRIES; SUFFICIENT TRIALS ARE NEEDED TO SUPPORT A CODEX MRL AND A REGISTRATION OR IMPORT TOLERANCE IN CANADA; MFG CONFIRMED THAT THE CANADIAN CANEBERRY USE PATTERN IS NOT WHAT WILL BE RECOMMENDED FOR STRAWBERRY PHYTOPHTHORA ROOT ROT:08/15; RESIDUE STUDY BEING SPONSORED BY MFG (FUNDING COST OF FIELD TRIALS):09/15; CANADA INTEREST (ZONES 1 5-4):10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CA3 Ennes, D. (Kearney)
(decline)



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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11680	16-MIR07	A	LENNON	AFIDOPYROPEN (BASF)	STRAWBERRY (GH)	LOW GROWING BERRY SUBGROUP (13-07G)

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

IR-4 Residue Trial Plan: ANY 4 TRIALS (1 DECLINE); A LOST BC TRIAL IS BEING REPEATED IN 2017; CA AND TX TRIALS LOST IN 2016 WERE REPLACED WITH 2017 TRIAL #S FOR 2017 FUNDING

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-TX2 Marconi, Cristina
 17-TN472 Batts, Roger B.
 Repl for 17-TX2, no add'l \$ needed

17-CA1 Ennes, D. (Kearney)

17-BC6 Clodius, Markus



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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11680	-	A	DORSCHNER	AFIDOPYROPEN (BASF)	STRAWBERRY (GH)	LOW GROWING BERRY SUBGROUP (13-07G)

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

IR-4 Residue Trial Plan: ANY 4 TRIALS (1 DECLINE); A LOST BC TRIAL IS BEING REPEATED IN 2017; CA AND TX TRIALS LOST IN 2016 WERE REPLACED WITH 2017 TRIAL #S FOR 2017 FUNDING

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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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11890	17-CAR03	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:

IR-4 Residue Trial Plan: ANY 4 TRIALS, BUT PREFER 6 TRIALS; 1 DECLINE TRIAL

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

17-MD202 Ross, Marylee

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-FL141 Dittmar, Dr. Peter
17-NC234 Batts, Roger B.

WSR-EPA Region-FRD

17-CA55 Ennes, D. (Kearney)
(To differentiate trials can conduct >4 mo
17-CA56 Ennes, D. (Kearney)
(decline)

CANADA-EPA Region-FRD

17-BC9 Clodius, Markus



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: ANY 4 TRIALS, BUT PREFER 6 TRIALS; 1 DECLINE TRIAL

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



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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:

IR-4 Residue Trial Plan:

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)



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11962	17-CANADA	A	AHN	FLUMIOXAZIN (VALENT)	CRANBERRY	LOW GROWING BERRY SUBGROUP, EXCEPT STRAWBERRY (13-07H)

Reason for Need: MOSS (HAIRCAP, SPHAGNUM, AND OTHER PROBLEMATIC SPP. FOUND IN CRANBERRY PRODUCTION BEDS); PREEMERGENCE CONTROL OF DODDER (CUSCUTA SPP.) AND POVERTY GRASS (SCHIZACHYRIUM SCOPARIUM, ANDROPOGON VIRGINICUS); AND OTHER LABELED WEEDS (CRABGRASS, PANICUM, RAGWEED, ETC.); CURRENTLY THERE IS NO REGISTERED CONTROL FOR MOSS; FOR MOST GROWERS DODDER AND POVERTY GRASS ARE NOT BEING SATISFACTORILY CONTROLLED WITH CURRENT TOOLS, AND THIS NEED CONTINUES TO BE A TOP TIER PRIORITY SET BY CAPE COD CRANBERRY GROWERS ASSOC:07/16

Use Pattern: (PCR): USE THE CHATEAU PRODUCT; MAKE 1 SPRAY OR CHEMIGATION APPLIC OF 0.19 LB A/A WHEN CRANBERRIES ARE DORMANT (POST-HARVEST IN FALL OR PRE-BUDBREAK IN SPRING); 60-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: MFG INDICATES NO PHYTO WAS REPORTED IN WI OR MA:08/16

IR-4 Residue Trial Plan: 1-3 5-3 12-2 (THESE ARE NAFTA TRIAL SITES)

Comments: KEY EXPORT MARKETS INCLUDE CANADA, EU, AUSTRALIA, CODEX; THE NOF HAS ISSUED FOR ESTABLISHING A TOLERANCE FOR THE BERRY LOW GROWING SUBGROUP 13-07G, SO THIS COULD BE A LABEL CHANGE (ONLY STRAWBERRY IS LISTED AS A COVERED CROP UNDER "BERRIES" USE DIRECTIONS ON THE PENDING LABEL):07/16; MFG SUPPORTS, RESIDUE ONLY; EPA CAUTION; CANADA INTEREST:08/16

NER-EPA Region-FRD

17-CMA231 Sandler, Dr. Hilary
17-CNJ229 Freiburger, Tom
17-CNJ230 Freiburger, Tom

NCR-EPA Region-FRD

17-CWI233 Heider, Daniel J.
17-CWI234 Heider, Daniel J.
17-CWI235 Heider, Daniel J.

SOR-EPA Region-FRD

WSR-EPA Region-FRD

17-COR236 Sturman, Peter
(two locations)
17-COR237 Sturman, Peter
(two locations)

CANADA-EPA Region-FRD

17-CBC238 Clodius, Markus
(decline)
17-CNS232 Peill, Heather



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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>
11876	17-CAR08	A	HOMA	OXYTETRACYCLINE (AGROSO,NUFARM)	WALNUT	TREE NUT GROUP (14-12)

Reason for Need: WALNUT BLIGHT CAUSED BY XANTHOMONAS ARBICOLA PV. JUGLANDIS

Use Pattern: (PCR): USE MYCOSHIELD OR FIRELINE; MAKE 4 FOLIAR APPLIC OF 200 PPM OR 16 OZ/A, 7-DAY INTERVAL, 60-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 10-4 (1 TRIAL IS COVERED BY TASC GRANT); PROCESSING AND DECLINE DATA NOT NEEDED WITH 60-DAY PHI (10/27/16)

Comments: KEY EXPORT MARKET IS THE EU:02/16; AGROSOURCE SUPPORTS THIS USE, RESIDUE AND E/CS:02/16; EPA (HOLD) CAUTION:08/16; PER NUFARM RESPONSE, ONLY RESIDUE DATA NEEDED, AND USE ON WALNUTS IS NOT EXPECTED TO RESULT IN DIETARY RISKS OF CONCERN:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CA48	Watkins, S.
17-CA49	Watkins, S.
17-CA50	Ennes, D. (Kearney)
17-CA51	Ennes, D. (Kearney)



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11970	17-CANADA	A	ALLEN	FLONICAMID (FMC,ISK)	CORN (SWEET)	CEREAL GRAINS AND CEREAL GRAINS FORAGE/FODDER/STRAW GROUPS (15-16)

Reason for Need: CORN LEAF APHID AND BIRD CHERRY OAT APHID (APHIDS BECOMING AN ISSUE SINCE PYRETHROID USE IS SEASON-LONG FOR CONTROL OF WORMS, SAP BEETLES, STINK BUGS)

Use Pattern: (PCR): USE THE BELEAF PRODUCT; MAKE 1-2 FOLIAR APPLIC; APPLY WHEN APHIDS ARE FIRST DETECTED; NO RATE, INTERVAL OR PHI SPECIFIED

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 1 2 5-4 11 12, 1 DECINE TRIAL (NEED FORAGE AND STOVER, KERNEL + COB WITH HUSK REMOVED) (THESE ARE NAFTA TRIAL SITES)

Comments: IS A 2017 "A" PRIORITY IN CANADA:09/16; MFG REMOVED THE NEED FOR E/CS DATA:10/16/16

NER-EPA Region-FRD

17-CNJ183 Fisher, Jennifer

NCR-EPA Region-FRD

17-CMI012 Zandstra, Dr. Bernard H.
17-COH*011 Horst, Leona
17-CWI014 Chapman, Scott

SOR-EPA Region-FRD

17-CGA*017 Fraelich, Ben
17-CNC182 Batts, Roger B.

WSR-EPA Region-FRD

17-CID010 Meeks, Mr. Will
(Decline)
17-COR013 Sturman, Peter

CANADA-EPA Region-FRD

17-CQC015 Cloutier, Dominic
17-CQC016 Cloutier, Dominic



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11979	17-CAR07	A	SAMOIL	METHOXYFENOZIDE (DOWAGR)	RICE	CEREAL GRAINS AND CEREAL GRAINS FORAGE/FODDER/STRAW GROUPS (15-16)

Reason for Need: ARMYWORM (TRUE & WESTERN YELLOWSTRIPED); ARMYWORM IS USUALLY CYCLICAL, NEEDING CONTROL ABOUT EVERY 5 YEARS; DROUGHT AND INSECTICIDE RESISTANCE HAVE CAUSED SIGNIFICANT, RECURRING OUTBREAKS; A DIFFERENT MODE OF ACTION ALTERNATIVE TOOL IS NEEDED FOR ARMYWORM CONTROL:07/16

Use Pattern: (PCR): USE THE INTREPID 2F PRODUCT; MAKE 2 FOLIAR APPLIC OF 0.12-0.16 LB AI/A, 10-DAY INTERVAL, 14-DAY PHI; BEGIN APPLIC WHEN THRESHOLD LEVEL OF FEEDING DAMAGE OCCURS

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 3 TRIALS IN 10, GRAIN AND STRAW (OVER 2 YEARS FOR REGIONAL TOLERANCE), 1 DECLINE TRIAL, 1 PROCESSING TRIAL (POLISHED RICE, HULLS, BRAN); PER 10/17-18/16 EMAILS, CODEX REQUIRES MIN 8 TRIALS, SO 4 TRIALS IN 2017, THEN 4 MORE IN 2018

Comments: KEY EXPORT MARKET IS JAPAN (ABOUT 50% IS EXPORTED, AND HALF OF THAT GOES TO JAPAN); REPRESENTS A POTENTIAL SECTION 18 NEED; IR-4 SUGGESTS THIS IS A PROJECT FOR CA RICE ONLY (SUSHI RICE):07/16; MFG SUPPORTS AT FUW, RESIDUE ONLY:09/16; EPA RICE GRAIN TOLERANCE IS TREATED THE SAME AS THE JAPANESE BROWN RICE MRL - HARMONIZATION OF THE MRL IS NEEDED:10/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CA80 Watkins, S.
(Decline)
17-CA81 Watkins, S.
(Processing Sample)
17-CA82 Watkins, S.
17-CA83 Watkins, S.



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(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12061	17-CAR09	A	BARNEY	PRONAMIDE (DOWAGR)	GRASSES (PASTURE)	GRASS FORAGE, FODDER AND HAY GROUP (17)

Reason for Need: FOXTAIL BARLEY - NO EFFECTIVE CONTROL TOOL CURRENTLY EXISTS

Use Pattern: (PCR): PREEMERGENCE/EALRY POSTEMERGENCE; 0.125-0.25 LB AI/A; 1 APPLIC/SEASON; CHECK USE PATTERN IN PR# 02297

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: ANY 12 (BERMUDA+BLUEGRASS+BROME OR FESCUE), 2 DECLINE TRIALS

Comments: BROMEGRASS PASTURE AND HAY; ORIGINAL STUDY UNDER PR# 02297 (WAS CANCELED IN 1999 DUE TO AGE OF DATA AND LACK OF PATH FORWARD TO REGISTRATION), WHICH ALSO COVERED PR# 05109; WAS EPA CAUTION 08/14, MFG HOLD 06/15, MFG SUPPORTS 06/16 AND EPA GREEN 08/16:09/16

NER-EPA Region-FRD

17-NJ282 Freiberger, Tom
(orchard grass)

NCR-EPA Region-FRD

17-SD398 Clay, Dr. Sharon

SOR-EPA Region-FRD

17-NC247 Batts, Roger B.
(bermuda grass)(decline)
17-NC248 Batts, Roger B.
(bermuda grass)

WSR-EPA Region-FRD

17-CA122 Kyser, Guy
(Decline)
17-CA123 Kyser, Guy
17-ID195 Meeks, Mr. Will
17-ID196 Meeks, Mr. Will
17-OR357 Sturman, Peter
(Tall Fescue) (region 12)
17-OR358 Sturman, Peter
(orchard grass)
17-WA432 Peng, Wilson
17-WA433 Peng, Wilson

CANADA-EPA Region-FRD



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<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11755	-	A	DORSCHNER	FLUPYRADIFURONE (BAYER)	GRASSES (SEED CROP)	GRASS FORAGE, FODDER AND HAY GROUP (17)

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

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

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12109	17-TBD	A	LEONARD	GLUFOSINATE (BAYER,UPI)	GRASSES (SEED CROP)	GRASS FORAGE, FODDER AND HAY GROUP (17)

Reason for Need: POA ANNUA, POA TRIVIALIS

Use Pattern: (PCR): NEW USE PATTERN REQUESTED 02/17 TO REPLACE ORIGINAL REQUEST PR#11535: MAKE 2 APPLIC OF 0.36 LB AI/A, ONE IN FALL AND ONE IN EALY SPRING; MAKE 1ST APPLIC IN THE FALL AFTER THE FIRST TILLER OF THE CROP IS ESTABLISHED, BEFORE NOVEMBER 15; FOR FORAGE SAMPLES (TRT 02), MAKE THE 2ND APPLIC IN EARLY SPRING, TO ACTIVELY GROWING GRASS SEED FIELD AT A MINIMUM OF 4-6 TILLER GROWTH STAGE, AND 90 DAYS BEFORE GRASS IS IN THE 6-8 INCH BOOT STAGE; FOR HAY SAMPLES (TRT 03), MAKE THE SPRING APPLICATION 90 DAYS BEFORE GRASS IS IN THE BOOT TO EARLY HEAD STAGE

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 11/12-5

Comments: FROM ORIGINAL REQUEST (PR# 11535): ORIGINAL REQUEST REC'D 8/12/2014; CURRENTLY A 24C REGISTRATION EXISTS WITH A 365-DAY GRAZING RESTRICTION; NEED TO OBTAIN TOLERANCE TO REMOVE THIS GRAZING RESTRICTION; MFG HOPES TO HAVE A CLEARER PICTURE IN 2015 AS TO WHETHER ADDITIONAL TOLERANCES ARE POSSIBLE FOR THIS AI; MFG HOLD FOR NOW:08/14; EPA CAUTION:09/14; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG INDICATES IT IS PROBABLY NOT FEASIBLE TO REDUCE THE 365-DAY GRAZING RESTRICTION; WOULD REQUIRE ESTABLISHING A 0-RESIDUE PHI:08/16; EPA CAUTION:09/16; MFG INDICATES NO E/CS DATA NEEDED:10/16; ORIGINAL PR# 11535 FOR THIS NEED BEING CANCELLED, AND REPLACED BY THIS PR# 12109, WITH A NEW USE PATTERN:02/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-ID460 Meeks, Mr. Will
 17-OR461 Sturman, Peter
 (Perennial Rye)
 17-OR462 Sturman, Peter
 (Tall Fescue)
 17-WA*463 Harvey, John
 17-WA464 Peng, Wilson



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11994	17-TBD	A	LEONARD	MCPA (DOWAGR,LOVLND,NUFARM)	CLOVER (SEED CROP)	NONGRASS ANIMAL FEEDS GROUP (18)

Reason for Need: BROADLEAF WEEDS (E.G. VETCH SPECIES AND PRICKLY LETTUCE); CURRENTLY LABELED AT 0.5 LB AE/A, BUT NEED TO EXPAND USE DIRECTIONS

Use Pattern: (PCR): USE THE MCPA AMINE PRODUCT; MAKE 2 BROADCAST APPLIC OF 0.5 LB AE/A (1.0 PT PRODUCT), 10-14 DAY INTERVAL; APPLY TO ESTABLISHED STANDS OF CLOVER GROWN FOR SEED IN LATE FALL (AFTER A FROST), WINTER OR VERY EARLY SPRING BEFORE CLOVER BREAKS DORMANCY

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 11/12-5

Comments: THIS REQUEST COVERS ALL MALOR CLOVERS (RED, WHITE, CRIMSON), AND ALL CLOVERS NEED TO BE INCLUDED ON ALL LABELS (WINFIELD AND ALBAUGH LABELS INCLUDE ALL CLOVERS, NUFARM LABEL MENTIONS ONLY RED CLOVER); IS REGISTERED FOR 1 APPLIC OF 0.5 LB AE/A, BUT NEED 2 APPLIC FOR MORE EFFECTIVE WEED CONTROL; USE DIRECTIONS FOR NEWLY SEEDED CLOVER SEED FIELDS ON ALL LABELS ARE CORRECT AND VALID AS IS; THIS NEW USE PATTERN SHOULD BE COVERED BY THE CORE TOX PACKAGE, AS UP TO 3 PT/A ARE ALREADY ALLOWED ON GRASS GROWN FOR SEED AND PASTURES:07/16; IS BEING EVALUATED BY THE MCPA TASK FORCE:09/16; NUFARM SUPPORTS, RESIDUE AND E/CS DATA NEEDED:10/12/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-OR451	Sturman, Peter
17-OR452	Sturman, Peter
17-WA453	Peng, Wilson
17-ID454	Meeks, Mr. Will
17-WA*455	Harvey, John



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan:

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

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan: ANY 4 TRIALS WHERE CROP IS GROWN (1 DECLINE) - SEED; 1 PROCESSING (REFINED OIL ONLY); LOST CA 2016 TRIAL WAS REPLACED WITH A 2016 TRIAL

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

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

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 Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11068	17-FLR01	A	SAMOIL	BIFENTHRIN (ADAMA,AMVAC,FMC)	SAFFLOWER	SUNFLOWER SUBGROUP (20B)

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

Use Pattern: (PCR): 0.06-0.10 LB AI/A; 5 FOLIAR APPLIC BY AIR OR GROUND; 7-10 DAY RE-TREATMENT INTERVAL; 14-DAY PHI; PER 08/2016 REQUEST: USE THE CAPTURE 2EC-CAL PRODUCT; MAKE 3 FOLIAR APPLIC OF 0.1 LB AI/A, 5-DAY INTERVAL, MINIMUM 2 GPA BY AIR, 5 GPA BY GROUND, 14-DAY PHI - FOLLOW USE PATTERN EXACTLY AS WRITTEN FOR COTTON

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 7-2 10-3, 1 DECLINE TRIAL, 1 PROCESSING TRIAL (MEAL, REFINED OIL)

Comments: MFG NEEDS EFF DATA BEFORE SUPPORTING RESIDUE STUDY:07/15; EPA CAUTION:08/15; MFG ADVISED RESEARCHABLE, ONLY RESIDUE DATA IS NEEDED: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-SD392 Clay, Dr. Sharon
(reg 7)
17-SD393 Clay, Dr. Sharon
(reg 7)

17-CA34 Kyser, Guy
(Processing Samples)
17-CA35 Ennes, D. (Kearney)
17-CA36 Ennes, D. (Kearney)
(Decline)



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12064	17-MIR05	A	LEONARD	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 AI/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:

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

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-ND255 Jenks, Dr. Brian
(reg 7)
17-ND256 Jenks, Dr. Brian
(reg 7)
17-ND257 Jenks, Dr. Brian
(reg 7)(decline)
17-ND258 Jenks, Dr. Brian
(reg 7)
17-ND259 Howatt, Kirk
(reg 5)(processing)
17-OH*322 Horst, Leona
17-SD399 Clay, Dr. Sharon
(reg 5)
17-SD400 Clay, Dr. Sharon
(reg 5)

17-NM297 Hamilton, Cary
(reg 8)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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:

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

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



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11707	16-MIR08	A	JOLLY	INDOXACARB (DUPONT)	SUNFLOWER	SUNFLOWER SUBGROUP (20B)

Reason for Need: LYGUS; FROM 10/15 PRIORITY UPGRADE PROPOSAL, ALSO GREEN STINK BUGS, CABBAGE LOOPERS, ARMYWORMS SPP.

Use Pattern: (PCR): FROM SAFFLOWER REQUEST 11569: FOLIAR APPLIC; FURTHER USE PATTERN DETAILS PROVIDED 10/14: AERIAL & GROUND APPLIC AT ROSETTE THROUGH PEAK BLOOM STAGE, IN A MINIMUM 5 GPA VOLUME, USING 0.0898-0.11035 LB AI/A (9.2-11.3 FL OZ PRODUCT); MAXIMUM 0.4395 LB AI/A/SEASON (45 FL OZ); 14-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 5-3 7-4 8 (1 DECLINE); 1 PROCESSING (MEAL, OIL); IN 2017 NEED ONLY A REPEAT SD TRIAL

Comments: RESIDUE STUDY ON SUNFLOWER AS CROP SUBGROUP 20B REP CROP WILL COVER SAFFLOWER REQUEST 11569; MFG SUPPORTS CONDUCTING RESIDUE STUDY ON SUNFLOWER TO COVER SAFFLOWER AND OTHER 20B OILSEED CROPS:07/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-SD394 Clay, Dr. Sharon
(reg 7; Red A to replace 11707.16-SD362)



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11945	17-TBD	A	SAMOIL	SPINOSAD (DOWAGR)	MUSHROOM (WHITE BUTTON)	EDIBLE FUNGI GROUP (21)

Reason for Need: SCIARID AND PHORID FLIES

Use Pattern: (PCR): USE THE ENTRUST PRODUCT; MAKE UP TO 6 COMPOST DRENCH APPLIC (7.2 OZ AI/8000 SQ FT [32 OZ PROD/400 GAL WATER APPLIED TO 8000 SQ FT AT SPAWNING, AFTER CASING, 7-10 DAYS AFTER CASING AND BETWEEN BREAKS]) AND 9 AEROSOL MIST APPLIC (1.4 OZ AI/8000 SQ FT [6.0 OZ PROD/1 GAL WATER APPLIED TO 8000 SQ FT AS AN AEROSOL MIST DURING SPAWN RUN, AFTER CASING AND BETWEEN BREAKS]), 3-DAY INTERVALS; 1-DAY PHI

E/CS Data Requirements: MUSHROOM INDUSTRY IS COVERING THE EFFICACY NEEDS:09/22/16

E/CS Research Comments:

IR-4 Residue Trial Plan: ANY 5 TRIALS, 1 DECLINE TRIAL (1 TRIAL IS COVERED BY TASC \$\$)

Comments: REQUEST IS FOR WHITE, BROWN AND SPECIALTY MUSHROOMS; CANADA AND MEXICO ARE KEY EXPORT MARKETS; ONLY ONE ADULTICIDE IS AVAILABLE; IN CA NEED EFFECTIVE CONTROL FOR BOTH FLIES; CANADA INTEREST:08/16; MFG SUPPORTS, RESIDUE AND E/CS:09/22/16

NER-EPA Region-FRD

17-MD206 Ross, Marylee
(button)
17-NJ269 Fisher, Jennifer
(button)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

17-CA69 Ennes, D. (Kearney)
(oyster)
17-CA70 Ennes, D. (Kearney)
(button)(decline)
17-CA71 Ennes, D. (Kearney)
(oyster/button)

CANADA-EPA Region-FRD



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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:

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

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

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-NJP01 Besancon, Thierry

17-MIP01 Zandstra, Dr. Bernard H.

17-CAP03 Hanson, Brad



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan:

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



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11935	17-CAR05	A	LEONARD	FLUTRIAFOL (FMC)	OLIVE	TROPICAL AND SUBTROPICAL, SMALL FRUIT, EDIBLE PEEL SUBGROUP (23A)

Reason for Need: PHYMATOTRICOPSIS OMNIVORA (COTTON ROOT ROT); THERE IS NO OTHER PRODUCT WITH KNOWN EFFICACY ON THIS PATHOGEN, AND PRODUCT IS NEEDED TO STOP HIGH MORTALITY IN NEW AND EXISTING OLIVE ORCHARDS

Use Pattern: (PCR): USE THE TOPGUARD TERRA PRODUCT; MAKE 1 OR 2 APPLIC VIA INJECTION THROUGH THE DRIP SYSTEM, AT 7.6 (2 APPLIC) OR 15.3 (1 APPLIC) FL OZ/A, 14-DAY PHI; MAKE INITIAL APPLIC BETWEEN APRIL 1-MAY 15; IF A SPLIT APPLIC IS USED, THE SECOND INJECTION SHOULD BE AT LEAST 45 DAYS AFTER THE INITIAL APPLIC, BUT NOT WITHIN 14 DAYS OF HARVEST; SECOND APPLIC COULD BE MADE POST-HARVEST TO MANAGE LATE-SEASON DISEASE

E/CS Data Requirements:

E/CS Research Comments: REQUESTOR HAS 2 YEARS OF DATA CONFIRMING EFFICACY AT THE SAME RATES (0.25 AND 0.5 LB AI/A) APPROVED ON THE 2015 GRAPE 24C LABEL FOR DELIVERY THROUGH THE DRIP IRRIGATION SYSTEM:06/16

IR-4 Residue Trial Plan: 3/6 10-4, 1 DECLINE TRIAL, 1 PROCESSING TRIAL (OIL) (NEED MIN. 5 TRIALS FOR U.S., 8 FOR CODEX)

Comments: THERE ARE NUMEROUS LIMITATIONS/RESTRICTIONS CONNECTED WITH THIS REQUESTED USE THROUGH DRIP "CHEMIGATION" SYSTEMS - THE ACTUAL REQUEST PROVIDES THESE DETAILS (NECESSARY CHECK VALVES, AUTOMATIC SHUT-OFFS, ETC.); MFG SUPPORTS, RESIDUE ONLY:06/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL144 Dittmar, Dr. Peter

17-CA61 Skiles, Keri
 (Stacking? injection through drip with her
 17-CA62 Skiles, Keri
 (Decline)
 17-CA63 Watkins, S.
 (Processing Sample)
 17-CA64 Leach, Nathan
 17-CA65 Watkins, S.
 17-CA66 Skiles, Keri
 17-CA67 Turner, B.(Woodland)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
10184	17-MIR12	A	LEONARD	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

IR-4 Residue Trial Plan: 3/6 10-4, 1 PROCESSING TRIAL (OIL) (NEED MIN. 5 TRIALS FOR U.S., 8 FOR CODEX)

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-FL124 Dittmar, Dr. Peter

17-CA13 Turner, B.(Woodland)
 17-CA14 Skiles, Keri
 (Processing Sample)
 17-CA15 Skiles, Keri
 (Stacking? injection through drip with her
 17-CA16 Skiles, Keri
 17-CA17 Leach, Nathan
 17-CA18 Watkins, S.
 17-CA19 Watkins, S.



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan: 3/6 10-4, 1 PROCESSING TRIAL (OIL) (NEED MIN. 5 TRIALS FOR U.S., 8 FOR CODEX)

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11547	17-TBD	A	ARSENOVIC	GLUFOSINATE (BAYER,UPI)	FIG	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B)

Reason for Need: WEEDS; RESISTANT WEED MANAGEMENT, WEED REDUCTION RESULTING IN REDUCED HUMIDITY IN THE ORCHARD RESULTING IN REDUCED BOTRYTIS AND AFLATOXIN

Use Pattern: (PCR): 1.46 LB/A OF RELY 280; 4 APPLIC, POST EMERGENCE TO WEEDS, DIRECTED TO TREE ROW; ADD AMS AT 8 LB/100 GAL; AVOID CONTACT WITH SUCKERS; 30-DAY RE-TREATMENT INTERVAL; 14-DAY PHI

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 10-4, FRESH AND DRIED (1 TRIAL IS COVERED BY TASC \$\$)

Comments: ORIGINAL REQUEST REC'D 8/13/2014; KEY EXPORT MARKETS INCLUDE JAPAN, CANADA, HONG KONG; MRL ESTABLISHED IN ALL THREE COUNTRIES; MFG HOPES TO HAVE A CLEARER PICTURE IN 2015 AS TO WHETHER ADDITIONAL TOLERANCES ARE POSSIBLE FOR THIS AI:08/14; EPA CAUTION:09/14; EPA CAUTION:08/15; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG SUPPORTS (RESIDUE + E/CS DATA); ALONG WITH GUAVA (PR# 10242) IS THE OTHER REP CROP FOR NEW SUBGROUP 23B:08/16; EPA CAUTION:09/16; MFG INDICATES NO E/CS DATA NEEDED:10/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CA37 Kyser, Guy
(fresh)
17-CA38 Kyser, Guy
(fresh and dried)
17-CA39 Skiles, Keri
(fresh)(TASC \$\$)
17-CA40 Skiles, Keri
(fresh and dried)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
10405	17-TIR05	A	LENNON	FLUOPYRAM + TEBUCONAZOLE (BAYER)	GUAVA	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B)

Reason for Need: ANTHRACNOSE

Use Pattern: (PCR): FOLIAR APPLIC; 7-DAY RE-TREATMENT INTERVAL; 7-DAY PHI; REGISTRANT REQUIRES A COMBO PRODUCT, NOT FLUOPYRAM SOLO

E/CS Data Requirements:

E/CS Research Comments: NEED DATA TO MEET ANY CDPR REQUIREMENT:08/14

IR-4 Residue Trial Plan: 3/10/13-4, 1 DECLINE TRIAL

Comments: MAY NEED TO BE MIXED WITH ANOTHER ACTIVE (LIKELY TRIFLOXYSTROBIN) TO GIVE ACCEPTABLE CONTROL:09/09; MFG RE-EVALUATING:07/14; MFG SUPPORTS WITH FLUOPYRAM + TRIFLOXYSTROBIN PRODUCT ("LUNA SENSATION"):08/14; MFG PREFERENCE IS FOR LUNA EXPERIENCE (FLUOPYRAM + TEBUCONAZOLE); FLUOPYRAM ALONE WILL NOT BE REGISTERED IN THE US:05/15; EPA CAUTION:08/15; EPA GREEN:08/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL127 Tannenbaum, Rebecca (decline)	17-CA23 Leach, Nathan
17-FL128 Tannenbaum, Rebecca	
17-PR360 Robles Vazquez, W.	



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11831	16-BYP03	A	SAMOIL	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:

IR-4 Residue Trial Plan: 10-4 (1 DECLINE); A 2017 REG. 10 TRIAL NEEDED FOR CODEX WAS STARTED IN 2016 (COVERED BY TASC GRANT)

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-CA7 Leach, Nathan
(TASC \$\$\$)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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:

IR-4 Residue Trial Plan: 10-4 (1 DECLINE); A 2017 REG. 10 TRIAL NEEDED FOR CODEX WAS STARTED IN 2016 (COVERED BY TASC GRANT)

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.



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11290	17-FLR03	A	LEONARD	FLUMIOXAZIN (VALENT)	LYCHEE	TROPICAL AND SUBTROPICAL, SMALL FRUIT, INEDIBLE PEEL SUBGROUP (24A)

Reason for Need: PARTHENIUM WEED/POSITIVE 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

E/CS Research Comments: MFG CONFIRMED NO NEED FOR A SECOND YEAR OF E/CS TRIAL:10/27/16

IR-4 Residue Trial Plan: 13-4 (1 OF 4 TRIALS FROM TASC GRANT)

Comments: EPA CAUTION:08/14; IS PROPOSED REP CROP FOR SUBGROUP 24A:10/15; WAS A WORKSHOP A PRIORITY FOR 2016 RESEARCH, WHICH IR-4 COULD NOT DO UNTIL THE 2017 RESEARCH YEAR; E/CS RESEARCH IS ONGOING:10/13/16; 2016 E/CS FT REPORT RECEIVED:10/16;

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL131	Tannenbaum, Rebecca	17-HI180	Coughlin, Julie
17-FL132	Tannenbaum, Rebecca	(Can the 2X CS data be done on differen	
17-PR362	Robles Vazquez, W.		



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
10240	17-TBD	A	ARSENOVIC	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

IR-4 Residue Trial Plan: 13-2 10-3, 1 DECLINE TRIAL

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-FL125	Tannenbaum, Rebecca	17-CA20	Leach, Nathan
17-FL126	Tannenbaum, Rebecca	(Decline)	
17-PR359	Robles Vazquez, W.	17-CA21	Leach, Nathan
		17-CA22	Skiles, Keri



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: 13-2 10-3, 1 DECLINE TRIAL

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



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11572	17-TIR03	A	JOLLY	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

IR-4 Residue Trial Plan: 13-4 (DOING 2 TRIALS IN 2017, 2 "RED A" TRIALS IN 2018)

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-FL135 Tannenbaum, Rebecca

17-FL136 Tannenbaum, Rebecca



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: 13-4 (DOING 2 TRIALS IN 2017, 2 "RED A" TRIALS IN 2018)

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

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
10765	17-CAR10	A	LENNON	TRIFLOXYSTROBIN + FLUOPYRAM (BAYER)	PAPAYA	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: BLACK SPOT (ASPERISPORIUM CARICAE)

Use Pattern: (PCR): 7.6 FL OZ PRODUCT/A; FOUR FOLIAR & FRUIT APPLIC; 14-DAY RE-TREATMENT INTERVAL; 1-DAY PHI

E/CS Data Requirements:

E/CS Research Comments: PER MFG, EFFICACY DATA EXISTS, AND NO FURTHER DATA IS NEEDED:08/14

IR-4 Residue Trial Plan: 13-5, 1 DECLINE TRIAL (2 TRIALS ARE SUPPORTED BY TASC \$\$)

Comments: TRIFLOXYSTROBIN DATA IS AVAILABLE; ON HOLD FOR FLUOPYRAM:05/11; MFG RE-EVALUATING:07/14; MFG SUPPORTS THIS DUAL AI PRODUCT, "LUNA SENSATION":08/14; FLUOPYRAM IS EPA CAUTION:08/15; FLUOPYRAM IS AN EPA GREEN:08/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL129	Tannenbaum, Rebecca	17-HI177	Coughlin, Julie
17-FL130	Tannenbaum, Rebecca	17-HI178	Coughlin, Julie
17-PR361	Robles Vazquez, W.	(Decline)	
		17-HI179	Coughlin, Julie



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11699	17-MIR06	A	SAMOIL	FENPYROXIMATE (NAI)	POMEGRANATE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: MITES

Use Pattern: (PCR): USE THE FUJIMITE XLO PRODUCT (5% FENPYROXIMATE); MAKE 2 FOLIAR APPLIC OF 0.1 LB (2 PT) AI/A IN 50-200 GPA, 7-14 DAY INTERVAL, 1-7 DAY PHI; MAX 0.2 LB AI/A/SEASON

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 3 10-3, 1 DECLINE TRIAL (1 TRIAL IS COVERED BY TASC \$\$)

Comments: KEY EXPORT MARKETS INCLUDE KOREA, EU, RUSSIA; SULFUR IS THE ONLY OTHER MITE CONTROL TOOL REGISTERED; WITH PROPOSED CROP SUBGROUP 24B REP CROPS AVOCADO REGISTERED (PR# 10007) AND BANANA AN ACTIVE IR-4 STUDY (PR# 10008), POMEGRANATE COULD BE COVERED AS A COMMODITY MEMBER IN THIS SUBGROUP, REPRESENTED BY AVOCADO AND BANANA:07/15; MFG IS PREPARED TO SECURE INT'L IMPORT MRLS WHERE NEEDED:08/15; CONSIDER COVERING TOLERANCE WITH PROPOSED REP CROPS FOR SUBGROUP 24B:09/15; A CLOSER LOOK AT THE DIFFERENT USE PATTERNS IN AVOCADO AND BANANA STUDIES INDICATES A SUBGROUP 24B TOLERANCE IS NOT DOABLE FROM THESE REP CROP DATA (WHICH WOULD HAVE COVERED POMEGRANATE AND OTHER COMMODITIES); THUS, POMEGRANATE DATA ARE NEEDED, AND IF THE USE PATTERN IS SIMILAR TO AVOCADO, A SUBGROUP 24B TOLERANCE COULD BE REQUESTED USING AVOCADO AND POMEGRANATE DATA (WITH A SEPARATE BANANA TOLERANCE):04/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL137 Dittmar, Dr. Peter

17-CA41 Kyser, Guy
 17-CA42 Ennes, D. (Kearney)
 (Decline)
 17-CA43 Watkins, S.
 17-CA44 Ennes, D. (Kearney)



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan: 3 10-4 (1 DECLINE); 1 PROCESSING (JUICE)

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.



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
07119	16-FLR14	A	JOLLY	CYPRODINIL + FLUDIOXONIL (SYNGEN)	SUGAR APPLE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, ROUGH OR HAIRY, INEDIBLE PEEL SUBGROUP (24C)

Reason for Need: ANTHRACNOSE, FRUIT ROT, LEAF & FRUIT SPOT

Use Pattern: (PCR): FOLIAR SPRAY; 0.5-1.0 LB AI/A; 3 APPLIC AT 14-DAY INTERVAL; 0-DAY PHI

E/CS Data Requirements: ANTHRACNOSE, ROTS & SPOTS, 1-2 TRIALS/DISEASE (EXCEPT ANTHRACNOSE)

E/CS Research Comments:

IR-4 Residue Trial Plan: 13-4 (1 DECLINE)

Comments: MFG REQ PERF DATA:06/99; MFG OK:05/14; EPA CAUTION:08/14; NOTE - FLUDIOXONIL IS LABELED FOR POST-HARVEST USE:10/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-FL458 Tannenbaum, Rebecca
No add'l funding needed.
17-FL459 Tannenbaum, Rebecca
No add'l funding needed.



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11292	17-FLR04	A	LEONARD	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:

IR-4 Residue Trial Plan: 3/13-4, 1 DECLINE TRIAL (1 TRIAL IS COVERED BY TASC \$\$) (DOING 2 TRIALS IN 2017, 2 "RED A" TRIALS IN 2018)

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-FL133 Tannenbaum, Rebecca
(Decline)
17-FL134 Tannenbaum, Rebecca



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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:

IR-4 Residue Trial Plan: 3/13-4, 1 DECLINE TRIAL (1 TRIAL IS COVERED BY TASC \$\$) (DOING 2 TRIALS IN 2017, 2 "RED A" TRIALS IN 2018)

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.



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
11966	17-TBD	B	SAMOIL	FLONICAMID (FMC,ISK)	PRICKLY PEAR CACTUS	TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D)

Reason for Need: 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:07/16

Use Pattern: (PCR): USE THE BELEAF 50SG PRODUCT; MAKE 3 FOLIAR APPLIC OF 0.089 LB AI/A, 7-DAY INTERVAL, 1-DAY PHI

E/CS Data Requirements: SCALE INSECTS ARE NOT ON THE REGISTERED LABEL; NEED CONFIRMATION OF EFFICACY:07/16

E/CS Research Comments:

IR-4 Residue Trial Plan: ANY 4 TRIALS (DECLINE)

Comments: NO KEY EXPORT MARKETS; MFG SUPPORTS, RESIDUE AND PERFORMANCE NEEDED:07/16; SULFOXAFLO (11964) 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 UNDER THIS PR#, REPLACING THE SULFOXAFLO "A" RESIDUE STUDY IN 2017; FLONICAMID IS ALSO BEING TESTED VS SULFOXAFLO UNDER PPWS PR# 12110:02/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CA*465	Benzen, Ms. Sharon D.
17-CA*466	Benzen, Ms. Sharon D.
17-CA*467	Benzen, Ms. Sharon D.
17-CA*468	Benzen, Ms. Sharon D.



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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

IR-4 Residue Trial Plan:

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 Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11952	17-FLR02	A	DORSCHNER	CYCLANILIPROLE (ISK)	ARTICHOKE (GLOBE)	MISCELLANEOUS COMMODITY (99)

Reason for Need: ARTICHOKE PLUME MOTH

Use Pattern: (PCR): USE THE 50SL PRODUCT; MAKE 4 FOLIAR APPLIC OF 0.0729 LB AI/A (22 FL OZ/A), BY GROUND (50-100 GPA) OR AIR (10-20 GPA); 2-3 WEEK INTERVAL; 0-DAY PHI; MFG SUGGESTS THE USE RATE SHOULD BE A RANGE OF 11-22 FL OZ/A:07/16

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 10-3 12, 1 DECLINE TRIAL

Comments: KEY EXPORT MARKETS INCLUDE CANADA AND JAPAN; AI IS EXPECTED TO PROVIDE UP TO 95% REDUCTION IN BUD INFESTATION; WITHOUT INSECTICIDE USE, LOSSES REACH 75-100%:07/16; MFG SUPPORTS AS RESEARCHABLE, RESIDUE AND EFFICACY/CROP SAFETY DATA NEEDED, BUT REQUESTS THAT EFFICACY SHOULD BE DONE AT A RANGE OF 11-22 FL OZ/A TO DETERMINE IF A RATE LOWER THAN 22 FL OZ/A WILL WORK (DATA ONLY SHOW THE SINGLE 22 FL OZ RATE WAS TESTED); RESIDUE WORK SHOULD BE DONE AT THE LOWEST POSSIBLE AI LOADING RATE THAT PROVIDES THE DESIRED LEVEL OF PLUME MOTH CONTROL:07/16; CANADA INTEREST:08/16; MFG REQUIRES ONLY RESIDUE, NO E/CS:09/22/16; PMC/CANADA CONFIRMED THIS IS NOT A JOINT 2017 RESIDUE STUDY:11/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-CA73	Viales, B.
(Decline)	
17-CA74	Viales, B.
17-CA75	Viales, B.
17-OR346	Koskela, Ms. Gina



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

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

IR-4 Residue Trial Plan:

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 Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11934	17-MIR13	A	JOLLY	AZOXYSTROBIN + CYPROCONAZOLE (SYNGEN)	COFFEE	MISCELLANEOUS COMMODITY (99)

Reason for Need: COFFEE RUST (HEMILEIA VASTATRIX); NOT YET AN ISSUE IN HI, BUT NEED TO BE PREPARED

Use Pattern: (PCR): USE THE QUADRIS XTRA PRODUCT; MAKE 2-3 FOLIAR APPLIC OF 6.8 FL OZ PROD/A, 30-DAY INTERVAL, 30-DAY PHI; MAX 13.6 FL OZ/A/SEASON

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 13-8 (3 TRIALS ARE COVERED BY TASC \$S) (DOING 5 TRIALS IN 2017, 3 "RED A" TRIALS IN 2018 [MAY NOT BE NEEDED - MFG HAS DATA FROM 5 TRIALS])

Comments: TOLERANCES ARE AVAILABLE OUTSIDE THE US AND PUERTO RICO; IMPORT TOLERANCES ARE ESTABLISHED FOR BOTH AIS ON COFFEE IN THE US; MFG REQUESTS THAT THE USE PATTERN FOR THIS PROJECT SHOULD CONFORM TO WHAT IS ALREADY ESTABLISHED FOR USE ON COFFEE OUTSIDE THE US:06/16; CYPROCONAZOLE IS AN EPA CAUTION:08/16; MFG CONFIRMED THERE IS NO DECLINE OR PROCESSING DATA NEEDED; MFG HAS DATA FROM 5 TRIALS - IF THE USE PATTERN IN THIS STUDY IS THE SAME, THERE SHOULD BE NO NEED FOR ADDITIONAL "RED A" TRIALS IN 2018:11/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-PR365 Robles Vazquez, W.
17-PR366 Robles Vazquez, W.

17-HI183 Kam, James
(Permission to have 11934 and 11712 or
17-HI184 Kam, James
17-HI185 Kam, James



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11712	16-BYP02	A	SAMOIL	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:

IR-4 Residue Trial Plan: 13-5 (1 DECLINE) - GREEN BEAN; 1 PROCESSING (ROASTED BEAN & INSTANT); FOR JMPR NEED 8 TRIALS; IN 2017 NEED 3 TRIALS IN REG. 13 (ALL COVERED BY TASC GRANT)

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-PR363 Robles Vazquez, W.
17-PR364 Robles Vazquez, W.

17-HI181 Kam, James
(Permission to have 11934 and 11712 or
17-HI182 Kam, James



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Residue and Efficacy/Crop Safety (E/CS)

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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>
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:

IR-4 Residue Trial Plan: 13-5 (1 DECLINE) - GREEN BEAN; 1 PROCESSING (ROASTED BEAN & INSTANT); FOR JMPR NEED 8 TRIALS; IN 2017 NEED 3 TRIALS IN REG. 13 (ALL COVERED BY TASC GRANT)

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.



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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11525	17-TBD	A	ARSENOVIC	GLUFOSINATE (BAYER,UPI)	HOPS	MISCELLANEOUS COMMODITY (99)

Reason for Need: HEAVY GRASS & BROADLEAF WEED PRESSURE (AND HELPS ELIMINATE POWDERY MILDEW THROUGH REMOVAL OF BASAL HOP GROWTH:08/16)

Use Pattern: (PCR): 1 LB AI/A; 3 BROADCAST APPLIC OVER TOP OF HOP PLANTS TO CONTROL EARLY EMERGED SHOOTS (WHEN HOPS < 1 FOOT TALL) AND LATER SEASON APPLIC DIRECTED AT THE LOWER 2 FEET OF HOP PLANTS AFTER TRAINING ON THE STRING, WHEN HOPS ARE AT LEAST 6 FEET TALL; 25-DAY RE-TREATMENT INTERVAL; 21-DAY PHI; UPDATED USE PATTERN FROM 08/16 REQUEST: MAKE 2-3 APPLIC OF 0.5-1.0 LB AI/A AT 25-DAY INTERVALS, DIRECTING THE SPRAY IN A BAND TO THE LOWER 2 FT OF HOPS PLANTS AFTER HOPS HAVE REACHED 6 FT OR MORE ON THE STRINGS; 21-DAY PHI; FROM 08/16 MI REQUEST: MAKE 1-2 FOLIAR-TO-WEEDS APPLIC OF 0.5-1.0 LB AI/A OF RELY 280, 30-DAY INTERVAL, 10-DAY PHI; APPLY TO SOIL AND WEEDS, AVOIDING CONTACT WITH HOPS PLANTS

E/CS Data Requirements: DATA IS PENDING FROM THE PNW:10/16

E/CS Research Comments:

IR-4 Residue Trial Plan: 5 11-3 12 (THESE ARE NAFTA TRIAL SITES)

Comments: ORIGINAL PCR REC'D 8/11/14. MFG IS INTERESTED IN THIS USE ON HOPS; MFG HOPES TO HAVE A CLEARER PICTURE IN 2015 AS TO WHETHER ADDITIONAL TOLERANCES ARE POSSIBLE FOR THIS AI; MFG PLANS TO CONDUCT SOME HOPS EFFICACY/CROP SAFETY TRIALS IN 2015; EPA CAUTION:08/14; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG REMOVED FROM HOLD AND SUPPORTS; MFG OFFERED TO ASSIST IN SOME OF THE FIELD RESEARCH; CANADA INTEREST:08/16; EPA CAUTION:09/16; MFG INDICATES NO E/CS DATA NEEDED:10/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-WI435 Heider, Daniel J.

17-ID187 Meeks, Mr. Will
 17-OR338 Sturman, Peter
 17-WA420 Peng, Wilson
 17-WA421 Peng, Wilson

17-QC197 Cloutier, Dominic
 (ON - zone 5)
 17-ON325 Wismer, R.J.



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Residue and Efficacy/Crop Safety (E/CS)

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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11971	17-CAR04	A	LENNON	FLUOPYRAM (BAYER)	MINT (FUTURE: HERBS)	MISCELLANEOUS COMMODITY (99)

Reason for Need: NEMATODES

Use Pattern: (PCR): USE THE VELLUM PRIME PRODUCT; MAKE 2 SOIL AND/OR FOLIAR APPLIC OF 0.2779 LB AI/A; APPLY IN SPRING TO DORMANT OR EARLY POST-EMERGENT MINT, AND BETWEEN CUTTINGS OF DOUBLE-CUT MINT; OR APPLY POST-HARVEST IN THE FALL; IRRIGATION OR RAINFALL IS NEEDED TO MOVE CHEMICAL INTO THE SOIL PROFILE

E/CS Data Requirements:

E/CS Research Comments:

IR-4 Residue Trial Plan: 5-2 11/12-3; 1 DECLNE TRIAL; 1 PROCESSING TRIAL IN REG. 5 AND 1 IN REG. 11/12 (MINT OIL)

Comments: LIKELY KEY EXPORT MARKET IS THE EU; THERE IS NO OTHER CONTROL OPTION FOR SPRING APPLICATIONS:07/16; CANADA INTEREST:08/16; MFG SUPPORTS, RESIDUE ONLY:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

17-WI444 Chapman, Scott
 17-WI445 Chapman, Scott
 (processing)

17-ID191 Meeks, Mr. Will
 (decline)
 17-WA425 Peng, Wilson
 (Processing)
 17-WA*426 Harvey, John



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Residue and Efficacy/Crop Safety (E/CS)

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PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P11773	-	A	BATTS	LINURON (TKI)	MINT (FUTURE: HERBS)	MISCELLANEOUS COMMODITY (99)

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

IR-4 Residue Trial Plan: 5-2 11-3 (1 DECLINE) - TOPS; 2 PROCESSING (OIL - 1 EACH IN REGIONS 5 & 11)

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.



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

<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:

IR-4 Residue Trial Plan:

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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Residue and Efficacy/Crop Safety (E/CS)

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
11985	17-TBD	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:

IR-4 Residue Trial Plan: 2-8 3 6-2 8 (NUTMEAT AND HAY), 1 DECLINE TRIAL, 1 PROCESSING TRIAL (MEAL, REFINED OIL)

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

NER-EPA Region-FRD

17-MD207 Ross, Marylee
(Mfg \$)
17-MD208 Ross, Marylee
(Mfg \$)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

17-FL147 Dittmar, Dr. Peter
(Mfg \$)
17-FL148 Dittmar, Dr. Peter
(Mfg \$)
17-GA*170 Fraelich, Ben
(Mfg \$)
17-GA*171 Fraelich, Ben
(Mfg \$)
17-NC237 Batts, Roger B.
(processing)(Mfg \$)
17-NC238 Batts, Roger B.
(decline)(Mfg \$)
17-VA471 Rountree, Tom
(contract reg 2)(Mfg \$)
17-SC*380 Wade, Paul
(Mfg \$)
17-SC*381 Wade, Paul
(Mfg \$)
17-TX408 Marconi, Cristina
(Mfg \$)
17-TX409 Marconi, Cristina
(Mfg \$)

WSR-EPA Region-FRD

17-NM290 Hamilton, Cary
(Mfg \$)

CANADA-EPA Region-FRD



2017 Tentative/Scheduled Studies

Residue and Efficacy/Crop Safety (E/CS)

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Print Date: 5/22/2017

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

IR-4 Residue Trial Plan: 2-8 3 6-2 8 (NUTMEAT AND HAY), 1 DECLINE TRIAL, 1 PROCESSING TRIAL (MEAL, REFINED OIL)

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



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/22/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
12049	17-TIR06	A	LEONARD	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:

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

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-NC245 Batts, Roger B.
17-NC246 Batts, Roger B.

17-CA120 Watkins, S.
17-CA121 Ennes, D. (Kearney)
(Decline)



2017 Tentative/Scheduled Studies

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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>
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:

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

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



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

Print Date: 5/22/2017

	NER	NCR	SOR	WSR	CANADA
ARS Total:		18	31	26	
Region Total:	43	74	128	213	30
Total:	43	92	159	239	30

Grand Trial Total: 563

Total # of PRs: 99
Total # Chemical: 59
Total # Commodity: 69