



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P11667	-		BATTS	BICYCLOPYRONE (SYNGEN)	HORSERADISH	ROOT VEGETABLES SUBGROUPS (01AB)

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

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

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

E/CS Research Comments:

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-WIP01 Heider, Daniel J.
18-WIP02 Heider, Daniel J.

18-CAP01 Hanson, Brad
18-CAP02 Hanson, Brad



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P8757	-	A		FAMOXADONE + CYMOXANIL (DUPONT)	RADISH	ROOT VEGETABLES SUBGROUPS (01AB)

Reason for Need: FOLIAR DISEASE, ALTERNARIA, DOWNY MILDEW, WHITE RUST, CERCOSPORA

Use Pattern: (PCR): 1.5-2.5 LB PRODUCT/A; 30-50 GPA; 7-DAY RE-TREATMENT INTERVAL; 3-DAY PHI; 12-HOUR REI

E/CS Data Requirements: MFG CONFIRMED NEED FOR PERFORMANCE DATA BEFORE USE CAN BE LABELED:05/17; NEED AT LEAST 2 SUCCESSFUL TRIALS EACH FOR ALTERNARIA,

E/CS Research Comments:

Comments: CARROT IS DONE, BUT NOT SUGARBEET; CONSIDER AS 2018 "RED A" FOR E/CS DATA:05/17; THE RESIDUE STUDY SAMPLES WERE RECENTLY ANALYZED AND STORAGE STABILITY RESULTS WERE POOR FOR FAMOXADONE IN THE ROOTS; THE STUDY IS BEING REPEATED, UNDER PR# 12415; STUDY 08757 IS NOT BEING CANCELED:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-MIP01 Hausbeck, Dr. Mary K.
18-OHP01 Miller, Dr. Sally Ann

18-FLP01 Vallad, Gary

18-ORP01 Ocamb, Cindy



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P10558	-	+	BATTS	GLUFOSINATE (BAYER,UPI)	SWEET POTATO	TUBEROUS AND CORM VEGETABLES SUBGROUPS (01CD)

Reason for Need: ANNUAL BROADLEAF WEEDS

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

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

E/CS Research Comments:

Comments: ORIGINAL REQUEST WAS REC'D 3/24/2010; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG QUESTIONS IF THIS REQUEST IS SIMILAR TO GLUFOSINATE USE ON POTATO AS A DESICANT (HARVEST AID); A PRE-SEASON BURNDOWN WOULD POSSIBLY FIT IN THE RISK CUP; IF USE PATTERN NEEDED IS THE SAME AS POTATO, THEN NO RESIDUE DATA ARE NEEDED AND THE POTATO TOLERANCE WOULD COVER THIS REQUEST (SAME IS TRUE FOR TARO, 09568):08/16; EPA CAUTION; MFG SUPPORTS AS POTENTIAL, AND NEEDS ONLY CROP SAFETY DATA FIRST:09/16; E/CS BEFORE RESIDUE - E/CS ON-GOING: 01/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-NCP01 Jennings, K.

18-CAP03 Stoddard, Scott



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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 SAFTEY DATA FROM WHICH TO DETERMINE IF REGISTRATION ON ONIONS IS ULTIMATELY SUPPORTABLE:02/15

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

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

NER-EPA Region-FRD

18-NYP01 Hoepfing, Christine

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

18-ORP02 Felix, J.

CANADA-EPA Region-FRD



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P12131	-	A		PROMETRYN (ADAMA,SYNGEN)	LEEK	ONION, GREEN SUBGROUP (03-07B)

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

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

E/CS Data Requirements: NEED 4-5 TRIALS, 1X AND 2X RATES (AND MIXTURE FOR 1X) VS STANDARD; CROP SAFETY % AT 7, 21, 42 DAT; EFFICACY AT 28 AND 42 DAT; YIELD; RUN TRI

E/CS Research Comments:

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-MIP02

Zandstra, Dr. Bernard H.

18-FLP02

Dittmar, Dr. Peter

18-CAP04

Smith, Dr. Richard



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

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

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

E/CS Data Requirements:

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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-SC*P01 Wade, Paul

18-CAP05 Turner, B.(Turner Ag)
(researcher likely to change)
18-ORP03 Peachey, Ed



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P12388	-	A		FLUTIANIL (LANDIS,OATAGRIO)	LETTUCE (HEAD & LEAF)	LEAFY GREENS SUBGROUP (04-16A)

Reason for Need: POWDERY MILDEW

Use Pattern: (PCR): FROM 09180 REQUEST: 0.04 LB AI/A; MAX OF 3 APPLIC/SEASON; FROM 09180 RESIDUE PROTOCOL: 0.04 LB AI/A, MAKE 5 FOLIAR APPLIC IN 30-80 GPA AT 7-DAY INTERVALS, 0-DAY PHI

E/CS Data Requirements: MFG REQUIRES SOME GH PERFORMANCE DATA:09/17

E/CS Research Comments:

Comments: ORIG PCR (09180) RECD 03/13/04; MFG WILL NOT SUPPORT:08/09; HOLD AS THERE ARE NO FOOD TOLERANCES YET:06/15; MFG ASSESSMENT OF 2007 STUDY DATA (09180) INDICATES IT CAN NOT BE SUBMITTED; MFG RE-EVALUATING THE REQUEST:08/16; MFG CONFIRMED THIS REQUEST IS NOW RESEARCHABLE:08/25/16; SINCE PREFIX "A" PR#'S ARE NO LONGER ASSIGNED, DATA TO THIS POINT WAS COPIED FROM RELATED 2007 STUDY, PR# 09180; MFG ALSO SUPPORTS INCLUSION OF GH USE (PR# 12374), BUT WITH SOME PERFORMANCE DATA:09/17

NER-EPA Region-FRD

18-NYP02 McGrath, Dr. Margaret
(GH)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

18-FLP03 Vallad, Gary
(GH)

WSR-EPA Region-FRD

18-AZP01 Matheron, Dr. Michael E.
(GH)

CANADA-EPA Region-FRD



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

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

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

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

E/CS Research Comments:

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-FLP04 Dittmar, Dr. Peter	18-CAP06 Fennimore, S.
(multi-crop: spinach, pepper, brussel sprout)	(spinach only)



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P11519	-	+		CLOMAZONE (FMC)	GREENS (MUSTARD)	BRASSICA LEAFY GREENS SUBGROUP (04-16B)

Reason for Need: COMMON PURSLANE, VELVETLEAF, PROSTRATE PIGWEED, ANNUAL GRASS; THERE ARE FEW OPTIONS FOR BRASSICA GREENS

Use Pattern: (PCR): 0.25-1.0 LB/A; ONE SOIL PREEMERGENCE APPLIC OF COMMAND 3 ME, AFTER SEEDING BUT BEFORE CROP EMERGENCE

E/CS Data Requirements: PER MFG, NEED ONE MORE CROP SAFETY TRIAL IN GA:09/17; MFG REVISION - PREFER AT LEAST 3 TRIALS OVER 2 YRS; 6 TRTS, 1 APPLIC:10/17

E/CS Research Comments:

Comments: EPA CAUTION:08/14; MFG NEEDS E/CS DATA BEFORE SUPPORTING RESIDUE STUDY:07/15

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-OHP02 Doohan, D.

18-GA*P03 Fraelich, Ben

18-CAP07 Hanson, Brad
18-WA*P01 Harvey, John



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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>
P7091	-NONE	A		FLUAZINAM (ISK,SYNGEN)	BROCCOLI	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: FOLIAR DISEASES, DOWNY MILDEW, WIRESTEM (THE ONLY WIRESTEM FUNGICIDE CAN ONLY BE USED AT PLANTING)

Use Pattern: (PCR): FOLIAR SPRAY; 0.5 LB AI/A (SEE CABBAGE STUDIES 08796 AND 07093 FOR DRENCH AND FOLIAR USE PATTERNS, INCLUDING 7-DAY PHI)

E/CS Data Requirements: KEY IS DOWNY MILDEW; NEED 3 TRIALS, FOLIAR AND SOIL TRTS (?):10/17

E/CS Research Comments:

Comments: SYNGENTA & ISK SUPPORT:10/02; EARLY SEASON USE; THERE IS A CROP GROUP 5 TOLERANCE, BUT NOT COVERING FOLIAR USES:06/14; CLUB ROOT IS ON THE LABEL AND A SINGLE TRIAL FOR RHIZOCTONIA IS DONE:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-OHP03 Miller, Dr. Sally Ann

18-FLP05 Vallad, Gary

18-ORP04 Ocamb, Cindy



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

Reason for Need: HOPHORNBEAN COPPERLEAF, PIGWEED

Use Pattern: (PCR): POST-TRANSPLANT DIRECTED BETWEEN THE ROWS; 2.25-12.0 OZ A/A; 1 SOIL APPLIC; 30-DAY PHI; PER ME-TOO REQUEST, NEED 30-DAY PHI, WHETHER FOR TRANSPLANTED OR DIRECT-SEEDED CROP:09/17

E/CS Data Requirements: MFG REQUESTS AN E/CS TRIAL IN GA, ON SEEDED CROP WITH APPLIC 14 DAYS AFTER PLANTING:06/17

E/CS Research Comments:

Comments: MFG REQUIRES E/CS DATA PRIOR TO RESIDUE STUDY:09/12; TOLERANCE IS ESTABLISHED, PRE-PLANT USE IS REGISTERED:09/14; E/CS RESEARCH IS ONGOING, BUT NEED MORE POST-TRANSPLANT E/CS DATA BEFORE RESIDUE STUDY:06/17; MFG GAVE OK FOR RESIDUE STUDY AT FUW, SIMILAR TO CABBAGE (10556):09/17; POTENTIAL JOINT PROJECT WITH CANADA:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-GAP01 Culpepper, S.



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P11591	-	A	DORSCHNER	INSECTICIDE (TBD)	CABBAGE	BRASSICA HEAD AND STEM VEGETABLE GROUP (05-16)

Reason for Need: CABBAGE MAGGOT; NEED NEW ALTERNATIVES TO CHLORPYRIFOS

Use Pattern: (PCR): IN TRAY DRENCH, SEED TREATMENTS, IN-FURROW OR POST-PLANT

E/CS Data Requirements: SUGGESTION IS FOR 2 TRIALS WITH 2 CROPS EACH, ~8 TRTS, POSSIBLY INCLUDING SEED TRT:10/17

E/CS Research Comments:

Comments: CONSIDER TRIALS ON MULTIPLE CROPS:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-NYP03 Nault, B.A.

18-ORP05 Buckland, Kristine



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

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

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

E/CS Data Requirements:

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

Comments: MFG SUPPORTS:08/16; EPA CAUTION:09/16; MIR IS STORING SAMPLES UNTIL A CONTRACT LAB IS ASSIGNED:09/17

NER-EPA Region-FRD

18-TBD TBD-NER
(DE/NJ ft ID# tbd until researcher assign)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

18-TBD TBD-WSR
(CA ft ID# tbd until researcher assigned)

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>
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 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: CANADA PMC CONDUCTED 3 TRIALS:10/17

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

Comments: NEED TOLERANCE FOR ENTIRE CROP SUBGROUP 9A TO COVER WATERMELONS; MFG SUPPORTS; CANADA INTEREST:08/16; EPA CAUTION:09/16; MIR IS STORING SAMPLES UNTIL A CONTRACT LAB IS ASSIGNED: 9/17

NER-EPA Region-FRD

18-TBD TBD-NER
(DE/NJ ft ID# tbd until researcher assign)

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

18-TBD TBD-WSR
(CA ft ID# tbd until researcher assigned)

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>
P12051	-	+		GLUFOSINATE (BAYER,UPI)	CANEBERRY	CANEBERRY SUBGROUP (13-07A)

Reason for Need: ANNUAL, BIENNIAL, AND PERENNIAL BROADLEAF AND GRASS WEEDS THAT ESCAPE WINTER WEED CONTROL STRATEGIES; FOR YEAR-LONG WEED CONTROL PROGRAM; ALTERNATIVE TO PARAQUAT AND GLYPHOSATE; NEEDED FOR RESISTANCE MANAGEMENT

Use Pattern: (PCR): USE THE RELY PRODUCT; MAKE 2 POST-EMERGENCE DIRECTED, FOLIAR APPLIC OF 1.5 LB AI/A, 30-DAY INTERVAL, 14-DAY PHI; FIRST APPLIC TO BE MADE BEFORE EMERGENCE OF NEW PRIMOCANES; SECOND APPLIC MUST AVOID DESIRABLE FOLIAGE AND PRIMOCANES

E/CS Data Requirements: EVALUATE 8-10 TRTS; APPLY 2 YRS ON THE SAME PLOTS, INCLUDING YR 3 OBSERVATIONS:10/17

E/CS Research Comments:

Comments: KEY EXPORT MARKETS INCLUDE CANADA, JAPAN, TAIWAN, AUSTRALIA:08/16; IS EPA CAUTION:09/16; MFG SUPPORTS, BUT NEED E/CS DATA BEFORE RESIDUE STUDY; MFG ENCOURAGES JOINT STUDY WITH CANADA:09/16; COULD COVER PR# 05299, OR BE COVERED BY 05299:06/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-MIP03 Zandstra, Dr. Bernard H.
(raspberry)

18-WAP02 Miller, Mr. Tim (MT Vern)
(red raspberry)
18-CAP08 Smith, Dr. Richard



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

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

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

18-GAP02 Riley, D.G.



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Efficacy/Crop Safety (E/CS) Only

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Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12294	-	A		FLUPYRADIFURONE (BAYER)	BASIL (GH)	HERB SUBGROUP (19A)

Reason for Need: APHIDS AND WHITEFLIES

Use Pattern: (PCR): USE THE ALTUS PRODUCT; MAKE 1 FOLIAR APPLIC OF 7-12 (FURTHER DOSAGE INFO NOT DEFINED) PER MONTH; 7-DAY MINIMUM SPRAY INTERVAL, 0-1 DAY PHI; FOLLOW THE LABEL FOR LETTUCE; BASED ON THE LEAF LETTUCE USE PATTERN, MAKE 2 FOLIAR APPLIC OF 14 FL OZ PRODUCT/A, 7-DAY INTERVAL, 1-DAY PHI; PLUS MAKE 1 DRENCH APPLIC OF 28 FL OZ PRODUCT/A, 1-DAY PHI (RECOMMEND MULTIPLE HARVESTS TO CAPTURE PEAK RESIDUES)

E/CS Data Requirements: MFG REQUESTS EFFICACY AND CROP SAFETY DATA; 3 TRIALS ANYWHERE; HIGH RATE, LOW RATE, STANDARD, CONTROL; INCLUDE CHEMIGATION AND F

E/CS Research Comments:

Comments: IR-4 SUGGESTS INCLUDING WITH THE FOLIAR USE REQUEST A SOIL USE:07/17; MFG SUPPORTS:09/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-WIP03 Chapman, Scott

18-GAP04 Riley, D.G.



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Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12349	-	+		FLUTIANIL (LANDIS,OATAGRIO)	ROSEMARY	HERB SUBGROUP (19A)

Reason for Need: POWDERY MILDEW - IS NOT BEING CONTROLLED WITH REGISTERED FUNGICIDES

Use Pattern: (PCR): MAKE FOLIAR APPLIC OF 0.04 LB AI/A, MINIMUM 7-DAY INTERVAL, MAXIMUM 3 APPLIC/CROP; MFG CONSIDERING REGISTERING A LOWER APPLIC RATE THAN REQUESTED

E/CS Data Requirements:

E/CS Research Comments:

Comments: REQUEST IS FOR USE ON FIELD AND GH-GROWN ROSEMARY; COULD BE COVERED IF DATA IS COLLECTED ON REP CROP BASIL; MFG INDICATES POSSIBLE ASSISTANCE WITH ANALYSIS OF RESIDUE SAMPLES:08/17; MFG CHECKING ON NEED FOR E/CS DATA FIRST:09/17

NER-EPA Region-FRD

18-NYP04
(GH)

McGrath, Dr. Margaret

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD



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(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

PR #	LAB	PRIORITY	STUDY DIRECTOR	CHEMICAL (MFG)	COMMODITY	CROP GROUP
P12343	-	+		PENDIMETHALIN (BASF,UPI)	ROSEMARY	HERB SUBGROUP (19A)

Reason for Need: ANNUAL BROADLEAF AND GRASS WEEDS

Use Pattern: (PCR): USE PROWL H2O PRODUCT; MAKE 2-3 APPLIC OF 1-4 PT/A VIA PIVOT IRRIGATION, DIRECTED SPRAY OR COATED FERTILIZER; OTHER USE DIRECTIONS PER LABEL FOR SIMILAR CROPS

E/CS Data Requirements: MFG REQUESTS A 2-3 TRIAL CROP SAFETY PROGRAM, AT 1X AND 2X RATES ON ESTABLISHED ROSEMARY, WITH PROWL H2O APPLIED PREEMERGENCE A

E/CS Research Comments:

Comments: FOR USE IN TRANSPLANTED AND ESTABLISHED PERENNIAL FIELDS; A VERY OLD REQUEST (02476) WAS NOT SUPPORTED AT THAT TIME; THIS CAN POTENTIALLY BE PURSUED WITH A CHEMSAC PROPOSAL, USING THE SAME RATIONALE AS USED FOR PENDIMETHALIN ON MONARDA (PR# 11726); MFG SUPPORTS THIS USE, BUT CROP SAFETY DATA IS NEEDED BEFORE APPROVAL FOR RESIDUE WORK/LABELLING (= "POTENTIAL"), BASED ON THE PRESENCE OF ROSEMARY (WHEN GROWN AS A PERENNIAL ORNAMENTAL PLANT) ALREADY ON THE PENDIMETHALIN LABEL (PENDULUM AQUACAP):08/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-TBD TBD-SOR
(ft ID# tbd until Kemin researcher assigned)

18-TBD TBD-SOR
(ft ID# tbd until Kemin researcher assigned)

18-TBD TBD-SOR
(ft ID# tbd until Kemin researcher assigned)



2018 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only (Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12348	-	+		FLUTIANIL (LANDIS,OATAGRIO)	SAGE	HERB SUBGROUP (19A)

Reason for Need: POWDERY MILDEW - IS NOT BEING CONTROLLED WITH REGISTERED FUNGICIDES

Use Pattern: (PCR): MAKE FOLIAR APPLIC OF 0.04 LB AI/A, MINIMUM 7-DAY INTERVAL, MAXIMUM 3 APPLIC/CROP; MFG CONSIDERING REGISTERING A LOWER APPLIC RATE THAN REQUESTED

E/CS Data Requirements:

E/CS Research Comments:

Comments: REQUEST IS FOR USE ON FIELD AND GH-GROWN SAGE; COULD BE COVERED IF DATA IS COLLECTED ON REP CROP BASIL; MFG INDICATES POSSIBLE ASSISTANCE WITH ANALYSIS OF RESIDUE SAMPLES:08/17; MFG CHECKING ON NEED FOR E/CS DATA FIRST:09/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-NYP05 McGrath, Dr. Margaret



2018 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12335	-	+		QUIZALOFOP (DUPONT,GOWAN)	BRASSICA CARINATA	RAPESEED SUBGROUP (20A)

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

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

E/CS Data Requirements:

E/CS Research Comments:

Comments: CAN BE COVERED WITH RAPESEED CROP SUBGROUP 20A TOLERANCE ESTABLISHED AT 1.5 PPM, IF THE USE PATTERN IS THE SAME AS FOR 20A:08/17; MFG CONFIRMED ONLY NEED E/CS DATA:09/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-SDP01 Clay, Dr. Sharon
18-SDP02 Clay, Dr. Sharon



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12264	-	A		CYCLANILIPROLE (ISK)	SUNFLOWER	SUNFLOWER SUBGROUP (20B)

Reason for Need: TARGET PEST SPECIES ARE LEPIDOPTERAN SPECIES, (HEAD MOTH) AS WELL AS THE NYMPHAL STAGES OF HEMIPTERAN PLANT BUG SPECIES THAT FEED ON DEVELOPING SEEDS IN THE SUNFLOWER SEED HEAD

Use Pattern: (PCR): MAKE 3 FOLIAR APPLIC OF 40-80 G AI/HA, 7-DAY INTERVAL, 7-DAY PHI; APPLY IN A MINIMUM 5 GPA BY AIR OR GROUND

E/CS Data Requirements: 3 TRIALS; HIGH RATE, LOW RATE, STANDARD, CONTROL (INCLUDE CONFECTIONARY AND BLACK OIL); ALSO EXAMINE PERFORMANCE ON SAFFLOWER

E/CS Research Comments:

Comments: THIS IS AN EXPORT COMMODITY, BUT KEY MARKETS NOT IDENTIFIED; ISK MAY CONSIDER FINANCIAL GRANT TO HELP OFFSET COSTS; A RESIDUE STUDY ON SUNFLOWER CAN COVER THE SAFFLOWER NEED IN PR# 11570; ISK SUPPORTS, RESIDUE AND PERFORMANCE DATA NEEDED:07/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-TBD TBD-NCR
(likely to be SD)

18-TBD TBD-WSR
(Kern County potential - safflower)



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Print Date: 11/21/2017

<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: NEED AT LEAST 2 MORE TRIALS, TESTING 30 D PRE, IN CA AND MI/NJ; ALL SITES REPEAT 2ND YR ON SAME PLOTS:10/17

E/CS Research Comments:

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

NER-EPA Region-FRD

18-NJP01 Besancon, Thierry

NCR-EPA Region-FRD

18-NJP04 Zandstra, Dr. Bernard H.

SOR-EPA Region-FRD

WSR-EPA Region-FRD

18-CAP09 Hanson, Brad
(on same plots as 2017 trial in Davis)

CANADA-EPA Region-FRD



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(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

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

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

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

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

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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-CAP10 Hanson, Brad



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Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P10242	-	A		GLUFOSINATE (BAYER,UPI)	GUAVA	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, EDIBLE PEEL SUBGROUP (23B)

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:

E/CS Research Comments:

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 SUPPORTS (RESIDUE + E/CS DATA); ALONG WITH FIG (PR# 11547) IS THE OTHER REP CROP FOR NEW SUBGROUP 23B:08/16; EPA CAUTION:09/16; EPA CAUTION:08/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-FLP06 Crane, Dr. Jonathan H.



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Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u> P8540	<u>LAB</u> -NONE	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u> BIFENTHRIN (ADAMA,AMVAC,FMC)	<u>COMMODITY</u> LYCHEE	<u>CROP GROUP</u> TROPICAL AND SUBTROPICAL, SMALL FRUIT, INEDIBLE PEEL SUBGROUP (24A)
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Reason for Need: MYLLOCERUS WEEVIL

Use Pattern: (PCR): SEE PRODUCT LABEL DIRECTIONS FOR CITRUS, FOR CAPTURE SOIL PRODUCT AND FURY FOLIAR PRODUCT; FMC REQUESTS USE OF WSB PRODUCT:06/16

E/CS Data Requirements: NEED 1 GOOD TRIAL, WITH FOLIAR TRT, SOIL TRT (BARRIER TRT), FOLIAR+SOIL TRT, UNTREATED:10/17

E/CS Research Comments:

Comments: MFG REQUIRES EFFICACY DATA PRIOR TO RESIDUE STUDY:07/03; MFG CONSIDERING DOING E/CS RESEARCH:05/13; EPA CAUTION:08/15; EPA CAUTION:09/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-TBD TBD-SOR
(FL-Crane?)



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Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P10239	-	A		GLUFOSINATE (BAYER,UPI)	LYCHEE	TROPICAL AND SUBTROPICAL, SMALL FRUIT, INEDIBLE PEEL SUBGROUP (24A)

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:

E/CS Research Comments:

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 SUPPORTS (RESIDUE + E/CS DATA); IS REP CROP FOR NEW SUBGROUP 24A:08/16; EPA CAUTION:09/16; EPA CAUTION:08/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-FLP07 Crane, Dr. Jonathan H.



2018 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only *(Order by Crop Group, Commodity, Chemical)*

Print Date: 11/21/2017

<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; IN 2018 NEED 2 TRIALS WITH NEW USE PATTERN LANGUAGE; LABEL LIKELY TO REQUIRE LANGUAGE SPECIFYING DROPLET SIZE:10/17

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

Comments: ORIGINAL REQUEST REC'D 8/25/2008; MFG NO - THERE ARE RISK CUP & GROUND WATER CONCERNS:08/08; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG HAS COMPLETED TRIALS FOR IMPORT TOLERANCE THAT MIGHT HELP REDUCE # OF RESIDUE TRIALS NEEDED; THERE ARE ESTABLISHED EPA TOLERANCES FOR BANANA (0.3 PPM) AND BANANA PULP (0.2 PPM); NEED TO HARMONIZE USE PATTERNS SO THAT BANANA (PR# 12050) AND AVOCADO, AS REP CROPS FOR NEW SUBGROUP 24B, CAN COVER PAPAYA (PR# 09887):08/16; MFG SUPPORTS (RESIDUE + E/CS DATA); EPA CAUTION:09/16; MIR IS STORING SAMPLES UNTIL A CONTRACT LAB IS ASSIGNED: 9/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-CAP11 Rios, Sonia
18-CAP12 Rios, Sonia



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Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12050	-	A		GLUFOSINATE (BAYER,UPI)	BANANA	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: VARIOUS BROADLEAF AND GRASSY WEEDS

Use Pattern: (PCR): USE THE RELY 280 PRODUCT; MAKE 3 DIRECTED APPLIC/YEAR OF 1.5 LB A/A, 30-DAY INTERVAL, 0-DAY PHI; APPLY OVER ROW MIDDLES OR SPOT SPRAY

E/CS Data Requirements:

E/CS Research Comments:

Comments: THERE ARE ESTABLISHED EPA TOLERANCES FOR BANANA (0.3 PPM) AND BANANA PULP (0.2 PPM); NEED TO HARMONIZE USE PATTERNS SO THAT AVOCADO (PR# 10240) AND BANANA, AS REP CROPS FOR NEW SUBGROUP 24B, WILL COVER PAPAYA (PR# 09887):08/16; EPA CAUTION; MFG SUPPORTS, BUT NEED E/CS DATA BEFORE RESIDUE STUDY:09/16; MFG SUPPORTS (AT FUW), WITH E/CS DATA GENERATED DURING RESIDUE STUDY:09/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-FLP08 Crane, Dr. Jonathan H.



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<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

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

18-FLP09 Crane, Dr. Jonathan H.



2018 Tentative/Scheduled Studies
Efficacy/Crop Safety (E/CS) Only
(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u> P8274	<u>LAB</u> -	<u>PRIORITY</u> A	<u>STUDY DIRECTOR</u> HOMA	<u>CHEMICAL (MFG)</u> FLUAZINAM (ISK,SYNGEN)	<u>COMMODITY</u> PAPAYA	<u>CROP GROUP</u> TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)
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Reason for Need: ANTHRACNOSE

Use Pattern: (PCR): GROUND; 2 APPLIC; 14-DAY PHI; 1-2 FL OZ/A; REQUESTOR PREFERS A 6-DAY OR LESS PHI DUE TO FREQUENT FRUIT HARVESTING; NEED SUPPORT FOR A BLASTER OR KNAP SACK GROUND APPLIC; MFG WILL SUPPORT A 5-DAY PHI:08/16

E/CS Data Requirements: 3-5 GOOD TRIALS OVER 2 YEARS

E/CS Research Comments:

Comments: NO SUPPORT FOR HANDGUN APPLICATIONS:06/08; MFG REQUIRES EFFICACY DATA BEFORE RESIDUE STUDY:06/09; KEY EXPORT MARKETS INCLUDE CANADA AND JAPAN:10/15; MFG RE-CONSIDERING SUPPORT:07/16; MFG SUPPORTS, BUT STILL NEED SOME EFFICACY DATA:08/16

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-FLP10 Crane, Dr. Jonathan H.



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12283	-	A		FLONICAMID (FMC,ISK)	POMEGRANATE	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

Reason for Need: APHID; PLANT BUG (LYGUS), INCLUDING LEAF-FOOTED BUG; WHITEFLY

Use Pattern: (PCR): USE THE BELEAF 50SG PRODUCT; MAKE 1-3 FOLIAR APPLIC OF 0.089-0.133 LB AI/A BY GROUND OR AIR, 7-DAY INTERVAL, 14-DAY PHI; USE MINIMUM 50 GPA BY GROUND, 10 GPA BY AIR

E/CS Data Requirements: 3 TRIALS; HIGH RATE, LOW RATE, STANDARD, CONTROL

E/CS Research Comments:

Comments: KEY EXPORT MARKETS INCLUDE KOREA, EU, JAPAN, CANADA:07/17; MFG SUPPORTS AND MAY ASSIST FINANCIALLY TO OFFSET STUDY COSTS:08/17

<u>NER-EPA Region-FRD</u>	<u>NCR-EPA Region-FRD</u>	<u>SOR-EPA Region-FRD</u>	<u>WSR-EPA Region-FRD</u>	<u>CANADA-EPA Region-FRD</u>
			18-CAP13 Haviland, Dave 18-CAP14 Haviland, Dave	



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(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<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, BOTRYOSPHERA, PILIDELIA, OTHER FUNGAL PATHOGENS OF FRUIT AND FOLIAGE

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

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

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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-CAP15 Michilaides, T.
Fresno County
18-CAP16 Michilaides, T.
Kern County



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

PR # P12110	LAB -	PRIORITY	STUDY DIRECTOR DORSCHNER	CHEMICAL (MFG) INSECTICIDE (TBD)	COMMODITY PRICKLY PEAR CACTUS	CROP GROUP TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP (24D)
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Reason for Need: FROM PR# 11964: COCHINEAL INSECTS (SUCKING INSECTS - HEMIPTERANS); WIND-BLOWN COCHINEAL INFESTATIONS (6, 2-MONTH GENERATIONS/YEAR) IN THE PAST 3 YEARS, LACK OF CONTROL FROM CARBARYL AND ACREAGE UNDER EXP USE PERMIT (FOR COCHINEAL CONTROL WITH SIVANTO) HAVE RESULTED IN 120 ACRES BEING BULLDOZED; WITH NEW CACTUS ORCHARDS TAKING 4 YEARS TILL FULL PRODUCTION, COCHINEALS HAVE RESULTED IN HUGE FINANCIAL LOSSES; WITH ONLY CARBARYL (2 APPLIC/YR) AND SIVANTO LABEL PENDING (2 APPLIC/YR), AT LEAST 4 MORE APPLIC/YR ARE NEEDED WITH INSECTICIDES FROM DIFFERENT CLASSES TO PROVIDE ECONOMIC CONTROL

Use Pattern: (PCR):

E/CS Data Requirements:

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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-TBD TBD-WSR
(looking for Salinas Valley cooperators - tc)



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Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12390	-			CYANTRANILIPROLE (HGW86) (HSB)	CURRY LEAF (FUTURE: HERB CROP GROUP 25)	MISCELLANEOUS COMMODITY (99)

Reason for Need: ASIAN CITRUS PSYLLID, THE VECTOR OF HUANGLONGBING

Use Pattern: (PCR): USE EXIREL OR VERIMARK PRODUCT; MAKE SOIL APPLIC OF 0.261-0.391 LB AI/A (MFG CONFIRMED THIS RATE RANGE IS FOR VERIMARK) VIA CHEMIGATION, 30-DAY INTERVAL, 1-DAY PHI; APPLY TO FIRST THIRD OF THE IRRIGATION CYCLE; DO NOT IRRIGATE FOR 24 HR AFTER APPLIC; PER MFG, BOTH EXIREL AND VERIMARK ARE EFFICACIOUS, BUT EXIREL (FOLIAR) HAS BEEN THE BEST OPTION, BASED ON USE RATES AND PRICE; FOR EXIREL, RESEARCHER INDICATES RATE RANGE IS 0.088-0.133 LB AI/A IN 100-150 GPA, WITH THE 0.133 LB AI RATE CONSIDERED BEST IN ORDER TO ENSURE EFFICACY:10/17

E/CS Data Requirements: 2 TRIALS; 1X, 2X, STANDARD, UNTREATED:10/17

E/CS Research Comments:

Comments: COMMODITY OF INTEREST IS INDIAN CURRY LEAVES; INSECTICIDES REGISTERED FOR CITRUS ARE FOR FRUIT CONSUMPTION, BUT WITH INDIAN CURRY LEAVES, MURRAYA KOENIGII, THE LEAVES ARE CONSUMED, NOT FRUIT; NO PRODUCTS ARE REGISTERED TO COVER LEAF CONSUMPTION:09/17; MFG (DUPONT HSB) SUPPORTS THIS USE, AND REQUIRES CROP SAFETY DATA, AS LEAVES ARE THE PARTS CONSUMED; THE AI IS EXCELLENT AGAINST CITRUS PSYLLID; RESIDUE PROJECT BEING CONDUCTED UNDER OTHER PR#: PR# 12402/MINT & PR# 12403/BASIL:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-CAP17 Mauk, Peggy A
18-CAP18 Mauk, Peggy A



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u> P12340	<u>LAB</u> -	<u>PRIORITY</u> +	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u> HERBICIDE (TBD)	<u>COMMODITY</u> HEMP, INDUSTRIAL	<u>CROP GROUP</u> MISCELLANEOUS COMMODITY (99)
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Reason for Need: WEEDS - THERE ARE NO REGISTERED HERBICIDES

Use Pattern: (PCR): NEED TO TEST VARIOUS PRODUCTS, FOLLOWING USE DIRECTIONS LABELED ON OTHER CROPS

E/CS Data Requirements: SUGGESTION IS FOR 4 TRIALS (NC, KY, WA); EXPECT 2 PROTOCOLS PER SITE: ONE IS A PRE APPLIC (PROBABLY SPIKE TIMING); SECOND IS AN EARLY PO

E/CS Research Comments:

Comments: CANADA PMC HAS DATA ON A NUMBER OF AIS:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-NCP02 Post, Dr. Angela R
(preemergent)
18-NCP03 Post, Dr. Angela R
(postemergent)

18-WAP03 Schreiber, Mr. Alan (ADG
(preemergent)
18-WAP04 Schreiber, Mr. Alan (ADG
(postemergent)



2018 Tentative/Scheduled Studies Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12346	-	A		CYANTRANILIPROLE (HGW86) (HSB)	HOPS	MISCELLANEOUS COMMODITY (99)

Reason for Need: HOP FLEA BEETLE, PSYLLIODES PUNCTULATUS - THERE ARE NO REGISTERED CONTROLS; WEEVILS - OTIORHYNCHUS SPP (BLACK VINE WEEVIL)

Use Pattern: (PCR): USE THE EXIREL OR VERIMARK PRODUCT; FOR FOLIAR USE - USING EXIREL FOR FLEA BEETLES, MAKE APPLIC OF 0.065-0.133 LB AI/A (10-20.5 FL OZ/A), 5-DAY INTERVAL, 1-DAY PHI, NO MORE THAN 0.4 LB AI/A/SEASON; FOR SOIL USE - USING VERIMARK VIA DRIP IRRIGATION (CHEMIGATION) FOR WEEVILS, MAKE APPLIC OF 0.088-0.130 LB AI/A (6.75-13.5 FL OZ/A), 2 APPLIC, 1-DAY PHI, NO MORE THAN 0.4 LB AI/A/SEASON

E/CS Data Requirements:

E/CS Research Comments:

Comments: KEY EXPORT MARKETS INCLUDE EU, JAPAN, CANADA, CODEX; THE EU HOP INDUSTRY ALSO CONSIDERS THIS AI A HIGH PRIORITY FOR REGISTRATION, AND THE USE PATTERN PROVIDED HERE INCLUDES THE EU PROPOSED DIRECTIONS FOR USE:08/17; POTENTIAL JOINT PROJECT WITH CANADA:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-WAP05 Walsh, Dr. Doug



2018 Tentative/Scheduled Studies

Efficacy/Crop Safety (E/CS) Only

(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12334	-	A		CYFLUMETOFEN (BASF)	HOPS	MISCELLANEOUS COMMODITY (99)

Reason for Need: TWO SPOTTED SPIDER MITE, TETRANYCHUS URTICAE KOCH (ACARI: TETRANYCHIDAE); NEEDED FOR RESISTANCE MANAGEMENT DUE TO OTHER FAILING MITICIDES

Use Pattern: (PCR): FROM THE ORIGINAL PCR (PR# 10954): 0.179 LB AI/A; 2 FOLIAR APPLIC; 7-DAY RE-TREATMENT INTERVAL; 14-DAY PHI; NEW USE PATTERN COMMENTS: WILL TEST THE SAME RATE AS IN ORIGINAL PR# 10954 (MFG NOW KNOWS HOW TO MAKE THIS USE RATE WORK); NEED TO MATCH THE GERMAN USE RATE TO HARMONIZE MRLS; FINAL USE PATTERN IS NOT SET, BUT WILL BE CONFIRMED IN PROTOCOL DEVELOPMENT; ME-TOO REQUESTOR SUGGESTS 0.18 LB AI/A OF NEALTA, 2 FOLIAR AIRBLAST APPLIC 14 DAYS APART AND A 7-DAY PHI; THE USE PATTERN MUST MATCH THE USE PATTERN BEING DEVELOPED IN THE EU; MFG WILL NOT SUPPORT LABELING BACK TO BACK APPLIC OF NEALTA - AT LEAST ANOTHER MOA WILL BE REQUIRED BETWEEN NEALTA APPLIC:08/17

E/CS Data Requirements: MFG REQUIRES MINIMUM 6 EFFICACY TRIALS AND 3 CROP SAFETY TRIALS (ON POPULAR WA VARIETIES) SPREAD OVER 2 YEARS; MFG HAS DRAFTED EF

E/CS Research Comments:

Comments: KEY EXPORT MARKETS INCLUDE THE EU, JAPAN, OTHERS; PRIOR RESIDUE STUDY (PR# 10954) WITH THIS AI ON HOPS WAS CANCELED DUE TO EFFICACY CONCERNS WITH THE LOW RATE OF CYFLUMETOFEN TESTED; EFFICACY CONCERNS HAVE NOW BEEN SUFFICIENTLY RESOLVED TO ALLOW THE MFG TO SUPPORT THIS USE AND RESIDUE WORK; ADDITIONAL CROP SAFETY DATA ON KEY VARIETIES IS REQUIRED, AND FURTHER EFFICACY NEEDS ARE BEING DETERMINED BY THE MFG:08/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-WIP04 Chapman, Scott
(crop safety)

18-ORP06 O'Neill, Greg (OR)
(cv. Willamette & Nugget-Crop Safety)
18-WAP06 Walsh, Dr. Doug
(cv. Cascade & Tomahawk-Crop Safety)
18-WAP07 Walsh, Dr. Doug
(mite efficacy)



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Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12389	-			CYANTRANILIPROLE (HGW86) (HSB)	KAFFIR LIME CITRUS (FUTURE:SPICE GR. 26)	MISCELLANEOUS COMMODITY (99)

Reason for Need: ASIAN CITRUS PSYLLID, THE VECTOR OF HUANGLONGBING

Use Pattern: (PCR): USE EXIREL OR VERIMARK PRODUCT; MAKE SOIL APPLIC OF 0.261-0.391 LB AI/A (MFG CONFIRMED THIS RATE RANGE IS FOR VERIMARK) VIA CHEMIGATION, 30-DAY INTERVAL, 1-DAY PHI; APPLY TO FIRST THIRD OF THE IRRIGATION CYCLE; DO NOT IRRIGATE FOR 24 HR AFTER APPLIC; PER MFG, BOTH EXIREL AND VERIMARK ARE EFFICACIOUS, BUT EXIREL (FOLIAR) HAS BEEN THE BEST OPTION, BASED ON USE RATES AND PRICE; FOR EXIREL, RESEARCHER INDICATES RATE RANGE IS 0.088-0.133 LB AI/A IN 100-150 GPA, WITH THE 0.133 LB AI RATE CONSIDERED BEST IN ORDER TO ENSURE EFFICACY:10/17

E/CS Data Requirements: 2 TRIALS; 1X, 2X, STANDARD, UNTREATED:10/17

E/CS Research Comments:

Comments: COMMODITY OF INTEREST IS KAFFIR LIME LEAVES; INSECTICIDES REGISTERED FOR CITRUS ARE FOR FRUIT CONSUMPTION, BUT WITH KAFFIR LIME, CITRUS HYSTERIX, THE LEAVES ARE CONSUMED, NOT THE FRUIT; NO PRODUCTS ARE REGISTERED TO COVER LEAF CONSUMPTION:09/17; MFG (DUPONT HSB) SUPPORTS THIS USE, AND REQUIRES CROP SAFETY DATA, AS LEAVES ARE THE PARTS CONSUMED; THE AI IS EXCELLENT AGAINST CITRUS PSYLLID:10/17; RESIDUE PROJECT BEING CONDUCTED UNDER PR# 12401, CYANTRANILIPROLE/DILL:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-CAP19 Mauk, Peggy A
18-CAP20 Mauk, Peggy A



2018 Tentative/Scheduled Studies

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(Order by Crop Group, Commodity, Chemical)

Print Date: 11/21/2017

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12247	-	A		S-METOLACHLOR/METOLAC HLOR (SYNGEN,UPI)	QUINOA (FUTURE: CEREAL GRAINS)	MISCELLANEOUS COMMODITY (99)

Reason for Need: BROAD SPECTRUM CONTROL OF GRASSES AND BROAD-LEAF WEEDS - THERE ARE LIMITED OPTIONS FOR QUINOA GROWERS

Use Pattern: (PCR): USE THE DUAL II MAGNUM PRODUCT; MAKE 1 PRE-EMERGENT (SOIL-APPLIED OR POST-EMERGENT [WHEN QUINOA IS AT 4 LEAF STAGE])
APPLIC OF 0.63 LB AI/A, 70-90 DAY PHI

E/CS Data Requirements: MFG REQUESTS SUFFICIENT CROP SAFETY DATA TO SATISFY THE MFG AND CA-DPR:08/17; MFG REQUIRES 4-5 TRIALS, 1X AND 2X RATES (AND MIXTURE

E/CS Research Comments:

Comments: A CODEX MRL IS IMPORTANT; IR-4 TO EXAMINE IF SEVERAL TOLERANCES ON OTHER CROPS CAN BE USED IN A CHEMSAC PROPOSAL TO
PROPOSE A QUINOA TOLERANCE WITHOUT THE NEED FOR RESIDUE WORK:05/17; POTENTIAL JOINT PROJECT WITH CANADA:10/17

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-ORP07	Peachey, Ed
18-CAP21	Hanson, Brad
18-WA*P08	Harvey, John
18-WAP09	Miller, Mr. Tim (MT Vern)



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Print Date: 11/21/2017

	NER	NCR	SOR	WSR	CANADA
ARS Total:		0	2	2	
Region Total:	8	14	20	40	0
Total:	8	14	22	42	0

Grand Trial Total: 86

Total # of PRs: 40
Total # Chemical: 25
Total # Commodity: 35