



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	-		KUNKEL	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	HOMA	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; PERFORMANCE PROTOCOL SIGNED 2/12/18 AND E/CS DATA ON-GOING:02/18

**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	-	+	ARSENOVIC	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	ARSENOVIC	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 Hoeping, 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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P12322	-	A	HOMA	NMG787 (TBD)	ONION	ONION BULB AND GREEN SUBGROUPS (03-07AB)

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

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

**E/CS Data Requirements:**

**E/CS Research Comments:** MFG DOING A 2018 PERFORMANCE PROGRAM:11/17

**Comments:** USE ON GARLIC WOULD BE COVERED BY THESE RESIDUE DATA; NEED TO CONDUCT SUFFICIENT TRIALS TO SUPPORT A CODEX MRL; MFG CAN ASSIST BY ANALYZING RESIDUE SAMPLES:08/17; MFG INDICATES RESIDUE AND E/CS DATA ARE NEEDED:09/17; POTENTIAL JOINT PROJECT WITH CANADA:10/17

**NER-EPA Region-FRD**

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

**CANADA-EPA Region-FRD**

18-GAP05	Hajihassani, Dr. Abolfazl
(dry bulb)	
18-FLP12	Desaeger, Dr Johan

18-CAP27	Ploeg, Antoon
San Joaquin Valley @ Parlier	
18-CAP28	Ploeg, Antoon
SoCal in Irvine	



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P12131	-	A	BARNEY	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:** IN THE 2018 PROTOCOL: USE THE CAPAROL 4L PRODUCT; TEST 1.6 AND 3.2 LB AI/A ALONE, 1.6 LB AI/A TANK-MIXED WITH A GROWER STANDARD, AND THE GROWER STANDARD ALONE; MAKE 2 BROADCAST APPLIC OF EACH TREATMENT, IN 15-40 GPA; MAKE 1ST APPLIC WHEN 1-3 NEW LEAVES ARE ESTABLISHED, AND THE 2ND APPLIC 50 DAYS PRIOR TO LEEK MATURITY; EVALUATE PLOTS FOR CROP INJURY, WEED CONTROL AND CROP YIELD

**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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P11857	-		ARSENOVIC	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-ORP03 Peachey, Ed



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P12388	-	A	HOMA	FLUTIANIL (LANDIS,NAI,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	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:** IN 2017 PROTOCOL: TESTING CROP SAFETY ON SPINACH, BRUSSELS SPROUTS, PEPPER AND NAPA CABBAGE - ALL IMPORTANT ROTATIONAL CROPS OF INTEREST; USING CAPAROL 4L PRODUCT, MAKE 1 POST PLANT, PREEMERGENCE SOIL BROADCAST APPLIC OF 1.6 AND 3.2 LB AI/A, IN AT LEAST 20 GPA, IN CILANTRO (BUT NO EVALUATIONS ON THE CILANTRO CROP); AT 60, 90 AND 120 DAYS POST APPLIC IN CILANTRO, ROTATIONAL CROPS WILL BE PLANTED, AND THEY WILL BE EVALUATED FOR PLANT STAND AND GENERAL PLANT VIGOR AT 14, 28 AND 42 DAYS AFTER EACH PLANTING; IN THE 2018 PROTOCOL, USE PATTERN, CROP STAND/VIGOR EVALUATIONS AND OTHER DETAILS ARE THE SAME AS IN THE 2017 PROTOCOL

**Comments:** SEE ALSO PROJECT REQUESTS 12034/CABBAGE (FOR REQUESTED NAPA CABAGE), 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	-	+	ARSENOVIC	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



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

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P7091	-NONE	A	HOMA	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	ARSENOVIC	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 AI/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:** IN 2017 PERFORMANCE PROTOCOL: USING SPARTAN 4F, IN NC AND FL, TEST 0.094, 0.1875, 0.375 AND 0.75 LB AI/A VS A GROWER STANDARD, MAKING A SINGLE SHIELDED/HOODED TO ROW MIDDLES APPLIC 30 DAYS BEFORE FIRST HARVEST, IN AT LEAST 15 GPA, IN CALIBRATED EQUIPMENT THAT PROVIDES A UNIFORM SPRAY; EVALUATE CROP INJURY, WEED CONTROL AND YIELD; IN 2018 PROTOCOL: IN A SINGLE GA TRIAL, TEST THE SAME 4 RATE S OF SPARTAN 4F IN SAME GPA, BUT MAKE THE SHIELDED/HOODED APPLIC 14 DAYS AFTER SEEDING, AND MAKE THE SAME EVALUATIONS

**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**

18-NYP03 Gilrein, Dan

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

18-ORP05 Buckland, Kristine

**CANADA-EPA Region-FRD**



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P12021	-	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

**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-DEP01 VanGessel, M.  
(multi crop:tomato & pepper)

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

18-CAP26 Hanson, Brad  
(multi crop:tomato & pepper)

**CANADA-EPA Region-FRD**



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<b><u>PR #</u></b> P12018	<b><u>LAB</u></b> -	<b><u>PRIORITY</u></b> A	<b><u>STUDY DIRECTOR</u></b> ARSENOVIC	<b><u>CHEMICAL (MFG)</u></b> GLUFOSINATE (BAYER,UPI)	<b><u>COMMODITY</u></b> CANTALOUPE	<b><u>CROP GROUP</u></b> MELON SUBGROUP (09A)
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**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:** CANADA PMC CONDUCTED 3 VALUE TRIALS IN 2017

**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**

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

**CANADA-EPA Region-FRD**

18-NJP02 Besancon, Thierry  
(multi crop:cantaloupe, cuke, squash)

18-CAP25 Hanson, Brad  
(multi crop:cantaloupe, cuke, squash)



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

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

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

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

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

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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-NCP04 Mitchem, Wayne





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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

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

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

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

**E/CS Data Requirements:**

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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

18-CAP22     Hanson, Brad



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	-	+	ARSENOVIC	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; P12051 ALSO COVERS P5299:04/18

**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-NCP05      Mitchem, Wayne

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: 5/3/2018

<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 NEEDS SUFFICIENT DATA FOR REGISTRATION IN CA:08/15; MFG SUPPORTS THE NEED FOR 3 TRIALS WITH CONSISTENT RESULTS:09/15; 1 PMC/CAN

**E/CS Research Comments:** IN 2016 PERFORMANCE PROTOCOL, IN CA AND FL TEST BAS 440 00 I (+ NIS ADJUVANT), AT 20.2 AND 40.4 G AI/A VS A LABELED STANDARD; MAKE 2 FOLIAR BROADCAST APPLIC, WITH THE FIRST WHEN WHITEFLIES REACH A TREATMENT THRESHOLD, FOLLOWED BY A 2ND APPLIC 7 DAYS LATER, IN SUFFICIENT GPA TO PROVIDE THOROUGH COVERAGE; EVALUATE CROP INJURY, PEST CONTROL AND CROP YIELD/QUALITY; IN 2017 PROTOCOL, IN CA TEST THE SAME TREATMENTS USING FOLIAR SPRAYS AND MAKE SIMILAR EVALUATIONS; IN 2018 PROTOCOL, IN GA TEST THE SAME TREATMENTS USING FOLIAR SPRAYS AND MAKE SIMILAR EVALUATIONS

**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.



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	DORSCHNER	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.



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	-	+	HOMA	FLUTIANIL (LANDIS,NAI,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      Catlin, Nora  
(GH)

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

**CANADA-EPA Region-FRD**



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12343	-	+	BARNEY	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-NMP01 Baker, John  
 Kemin researcher/ft in Hobbs, NM  
 18-TXP01 Baker, John  
 Kemin researcher/ft in Midkiff, TX  
 18-TXP02 Baker, John  
 Kemin researcher/ft in Poteet, TX



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	-	+	HOMA	FLUTIANIL (LANDIS,NAI,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**

18-NYP05      Catlin, Nora  
(GH)

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

**CANADA-EPA Region-FRD**



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	-	+	ARSENOVIC	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: 5/3/2018

<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	DORSCHNER	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-SDP03 Clay, Dr. Sharon  
(sunflower)

18-CAP23 Clark, Nicholas  
(safflower)



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	ARSENOVIC	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 A/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**

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

**CANADA-EPA Region-FRD**

18-NJP01      Besancon, Thierry

18-MIP04      Zandstra, Dr. Bernard H.

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



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	BARNEY	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



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	ARSENOVIC	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; MFG REQUESTS SAME USE PATTERN AS ON FIG:05/17

**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.



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

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

**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-FLP11 Crane, Dr. Jonathan H.  
(FL-Crane?)



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	ARSENOVIC	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; MFG SUGGESTS COMMON USE PATTERN FOR ALL TROPICAL FRUITS:05/17

**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: 5/3/2018

<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	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; 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



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	ARSENOVIC	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 AI/A, 30-DAY INTERVAL, 0-DAY PHI; APPLY OVER ROW MIDDLES OR SPOT SPRAY; MFG SUGGESTS COMMON USE PATTERN FOR ALL TROPICAL FRUITS:05/17

**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, WITH E/CS DATA GENERATED DURING RESIDUE STUDY:05/17; EPA CAUTION:11/17

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: 5/3/2018

<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: 5/3/2018

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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>
P8274	-	A	HOMA	FLUAZINAM (ISK,SYNGEN)	PAPAYA	TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP (24B)

**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; NEW PR# 12480 CREATED TO CONDUCT ONE MORE FIELD TRIAL IN ORDER TO MEET INTERNATIONAL REGULATIONS:03/18

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: 5/3/2018

<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	DORSCHNER	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; RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

**NER-EPA Region-FRD**

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

**CANADA-EPA Region-FRD**

18-CAP13	Daane, Dr. Kent
18-CAP14	Daane, Dr. Kent



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

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

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

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

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

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

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

NER-EPA Region-FRD

NCR-EPA Region-FRD

SOR-EPA Region-FRD

WSR-EPA Region-FRD

CANADA-EPA Region-FRD

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: 5/3/2018

<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 (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-CAP24 Perring, T.



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	-		DORSCHNER	CYANTRANILIPROLE (HGW86) (HSB)	CURRY LEAF	MISC GROUP (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#S: 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: 5/3/2018

<u>PR #</u>	<u>LAB</u>	<u>PRIORITY</u>	<u>STUDY DIRECTOR</u>	<u>CHEMICAL (MFG)</u>	<u>COMMODITY</u>	<u>CROP GROUP</u>
P12340	-	+	ARSENOVIC	HERBICIDE (TBD)	HEMP, INDUSTRIAL	MISC GROUP (99)

**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: 5/3/2018

<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	DORSCHNER	CYANTRANILIPROLE (HGW86) (HSB)	HOPS	MISC GROUP (99)

**Reason for Need:** HOP FLEA BEETLE, PSYLLIODES PUNCTULATUS; WEEVILS OTIORHYNCHUS SPP (BLACK VINE WEEVIL); THERE ARE NO REGISTERED INSECTICIDES THAT CONTROL FLEA BEETLES ON HOPS

**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; MFG APPROVED, RESIDUE AND PERFORMANCE DATA NEEDED, AT SEPT 2017 FUW, AND IN WRITING:01/18

**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





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Print Date: 5/3/2018

<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	DORSCHNER	CYFLUMETOFEN (BASF)	HOPS	MISC GROUP (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; RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

**NER-EPA Region-FRD**

**NCR-EPA Region-FRD**

**SOR-EPA Region-FRD**

**WSR-EPA Region-FRD**

**CANADA-EPA Region-FRD**

18-WIP04 Heider, Daniel J.  
(crop safety)

18-ORP06 Collins, Mr. Craig  
(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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(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

<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	-		DORSCHNER	CYANTRANILIPROLE (HGW86) (HSB)	KAFFIR LIME CITRUS	MISC GROUP (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



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Print Date: 5/3/2018

<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	BARNEY	S-METOLACHLOR/METOLAC HLOR (SYNGEN,UPI)	QUINOA	MISC GROUP (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; DECISION WAS MADE THAT RESIDUE DATA ARE NEEDED TO ESTABLISH A QUINOA TOLERANCE, AND TO SUPPORT INT'L MRLS:01/18

**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)



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

(Order by Crop Group, Commodity, Chemical)

Print Date: 5/3/2018

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	NER	NCR	SOR	WSR	CANADA
ARS Total:		0	2	2	
Region Total:	8	14	24	42	0
Total:	8	14	26	44	0

**Grand Trial Total: 92**

**Total # of PRs: 43**  
**Total # Chemical: 26**  
**Total # Commodity: 37**