2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10918	QUINCLORAC (ADAMA,ALBAGH)	BEET (GARDEN) (01AB=ROOT VEGETABLES SUBGROUPS)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: WEEDS

REQ STATES NY WI NJ

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
C	A			

PCR Use Pattern:

0.25 LB AI/A; 1 PRE-EMERGENT APPLIC

HQ Comments:

EPA CAUTION:08/16; EPA GREEN:08/17; EPA GREEN:09/18 & 09/19; MFG APPROVED, RESIDUE ONLY, AT FUW:09/19; EPA GREEN: 08/20, 08/21

Nomination Justification:

(2012 CA) Same beet story.;(2014 MI) We need data for EC/S;(2015 NY) need more beet materials, but this has been under evaluation for a couple of years;(2018 AR) More products needed for weed control in Beets.;(2019 AR) Very few herbicides available for table beets. More alternatives needed.;(2019 MI) (2012 CA) Same beet story.;(2014 MI) We need data for EC/S;(2015 NY) need more beet materials, but this has been under evaluation for a couple of years;(2018 AR) More products needed for weed control in Beets.;(2019 AR) Very few herbicides available for table beets. More alternatives needed.;;(2020 MD) There are few alternatives for garden beets;(2021 MI) (2012 CA) Same beet story.;(2014 MI) We need data for EC/S;(2015 NY) need more beet materials, but this has been under evaluation for a couple of years;(2018 AR) More products needed for weed control in Beets.;(2019 AR) Very few herbicides available for table beets. More alternatives needed.;(2019 MI) (2012 CA) Same beet story.;(2014 MI) We need data for EC/S;(2015 NY) need more beet materials, but this has been under evaluation for a couple of years;(2018 AR) More products needed for weed control in Beets.;(2019 AR) Very few herbicides available for table beets. More alternatives needed.;;(2020 MD) There are few alternatives for garden beets; ;

IPM Comments from PCR:

PER 2018 FUW B. WOFFORD NOMINATION COMMENT: GOOD IPM FIT; ALTERNATIVES ARE NEEDED FOR BEET WEED CONTROL; COULD HELP WITH RESISTANCE MANAGEMENT; PER 2020 NER NOMINATION COMMENT: NEEDED FOR RESISTANCE MANAGEMENT:08/20

IPM Comments from Nomination Process:

; Good Fit: PER 2018 FUW B. WOFFORD NOMINATION COMMENT: GOOD IPM FIT; ALTERNATIVES ARE NEEDED FOR BEET WEED CONTROL; COULD HELP WITH RESISTANCE MANAGEMENT; PER 2020 NER NOMINATION COMMENT: NEEDED FOR RESISTANCE MANAGEMENT:08/20 : Anthony VanWoerkom

Bellinder, Dr. Robin	P05-NY-DMP	RECD	NONE	-	0.125 LB AI/A PRE; GOOD CROP TOLERANCE.
Bellinder, Dr. Robin	P05-NY-DMP	RECD	NONE	-	0.125 LB AI/A PRE; EXCELLENT CROP TOLERANCE

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PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13114	PENDIMETHALIN (BASF,UPL NA)	CELERIAC (01AB=ROOT VEGETABLES SUBGROUPS)	UNDER EVALUATION

Reasons for need: SMALL SEEDED ANNUAL BROADLEAVES AND GRASSES; THERE ARE ONLY TWO OTHER PREEMERGENCE HERBICIDES (PROMETRYN AND LINURON)

REQ STATES MI

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

USE THE PROWL PRODUCT; MAKE ONE SOIL APPLIC OF 0.95-1.9 LB AI/A, PREEMERGENCE AFTER TRANSPLANTING; 60-DAY PHI

HQ Comments:

NO KEY EXPORT MARKETS NOTED; THERE ARE EXISTING TOLERANCES FOR TURNIP GREENS AND CARROT, IN CROP GROUP 1, BUT THESE TOLERANCES ARE NOT LIKELY USABLE FOR EXTRAPOLATION TO CELERIAC:08/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) SMALL SEEDED ANNUAL BROADLEAVES AND GRASSES; THERE ARE ONLY TWO OTHER PREEMERGENCE HERBICIDES (PROMETRYN AND LINURON);(2021 MI) SMALL SEEDED ANNUAL BROADLEAVES AND GRASSES; THERE ARE ONLY TWO OTHER PREEMERGENCE HERBICIDES (PROMETRYN AND LINURON);

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; YES, COMPATIBLE WITH CROP ROTATION AND NUTRIENT AND IRRIGATION MANAGEMENT; NEW MECHANISM OF ACTION FOR THIS CROP FOR WEED MANAGEMENT; RELATIVELY NON-TOXIC TO BENEFICIALS; APPLIC TIMING COMPATIBLE WITH PEST MONITORING:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; YES, COMPATIBLE WITH CROP ROTATION AND NUTRIENT AND IRRIGATION MANAGEMENT; NEW MECHANISM OF ACTION FOR THIS CROP FOR WEED MANAGEMENT; RELATIVELY NON-TOXIC TO BENEFICIALS; APPLIC TIMING COMPATIBLE WITH PEST MONITORING:08/20: Anthony VanWoerkom

Chaudhari, Dr. Sushila	P20-MI-DMP	RECD	PROWL AT 1.9 LB AI/A POST-TP; GOOD CROP TOLERANCE; YIELD COMPARABLE TO PROMETRYN.

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PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13134	2,4-D (DOWAGR,LOVLND,NUFARM)	* POTATO (01C=TUBEROUS AND CORM VEGETABLES SUBGROUP)	UNDER EVALUATION

Reasons for need: BROAD-LEAF WEEDS; THERE ARE NOT ANY GOOD CONTROL OPTIONS FOR LARGE-SEEDED BROAD LEAF WEEDS, ESPECIALLY POSTEMERGENCE; THE ONLY PRODUCT ALLOWED FOR POSTEMERGENCE WEED CONTROL IN WHITE (CHIPPING POTATOES) IS RIMSULFURON; SOIL CARRYOVER OF RIMSULFURON PREVENTS SOME CROP FROM BEING PLANTED THE NEXT YEAR; 2,4-D USE IN FRESH POTATOES HAS BEEN SHOWN TO SUPPRESS WEED AND NOT LIMIT YIELD OR CAUSE CARRYOVER; THERE IS NO DATA ON RESIDUES OF 2,4-D AFTER THE CHIP FRYING PROCESS; PER MN ME-TOO REQUEST: THE NORTHERN PLAINS POTATO GROWERS ASSOC. STRONGLY SUPPORTS THIS PROJECT REQUEST

REQ STATES ND MN

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

USE THE WEEDONE LV4 PRODUCT; MAKE A MAXIMUM 2 POST, FOLIAR, APPLIC OF 0.07 LB AE/A, 2-25 GPA USING GROUND OR AERIAL EQUIPMENT; 10-14 DAY INTERVAL, 45-DAY PHI; APPLY WHEN POTATOES ARE IN THE PRE-BUD STAGE AND ARE 7-10" TALL, AND APPLY WHEN WEEDS ARE SMALL (2" OR LESS) TO PROVIDE SUPPRESSION OF SUSCEPTIBLE BROADLEAVES; CROP RESPONSE MAY VARY BASED ON VARIETY, FERTILITY AND STRESS FACTORS SUCH AS DISEASE AND INSECT PRESSURE

HQ Comments:

KEY EXPORT MARKETS NOTED INCLUDE CANADA AND ASIA PACIFIC RIM COUNTRIES; THE WEEDONE LV4 LABEL ALLOWS FOR POST USE IN RED SKIN VARIETIES (FOR SKIN COLOR ENHANCEMENT, SUPPORTED BY IR-4 RESIDUE WORK [PR# 04302], AND REGISTERED IN 2012); THIS REQUEST IS ASKING FOR A USE IN POTATOES OTHER THAN RED SKIN VARIETIES AND IS ASKING FOR THE USE TO BE LISTED FOR WEED CONTROL; IR-4 ALSO CONDUCTED A RESIDUE STUDY FOR A 2,4-D REQUEST AS A WEED CONTROL AGENT, PR# 01029; THE USE PATTERN IN THAT STUDY (FINAL REPORT SIGNED IN 2004) COVERS THE PATTERN IN THIS NEW REQUEST, ALONG WITH A PREPLANT BURNDOWN APPLIC; THAT STUDY ALSO INCLUDED DATA ON PROCESSED FRACTIONS (FLAKES, WET PEELS AND FRIED CHIPS) AND IS INDICATED AS REGISTERED:07/20; THIS REQUEST LIKELY REQUIRES ONLY A LABEL AMENDMENT, WHICH IS A MFG ACTION:08/20; CANADA HAS INTEREST IN THIS REQUESTED USE, AND MAY HAVE SOME USEFUL DATA:10/20; CORTEVA WILL NOT SUPPORT THIS USE:07/21; EPA CAUTION: 08/21;

Nomination Justification:

(2020 MI) BROAD-LEAF WEEDS; THERE ARE NOT ANY GOOD CONTROL OPTIONS FOR LARGE-SEEDED BROAD LEAF WEEDS, ESPECIALLY POSTEMERGENCE; THE ONLY PRODUCT ALLOWED FOR POSTEMERGENCE WEED CONTROL IN WHITE (CHIPPING POTATOES) IS RIMSULFURON; SOIL CARRYOVER OF RIMSULFURON PREVENTS SOME CROP FROM BEING PLANTED THE NEXT YEAR; 2,4-D USE IN FRESH POTATOES HAS BEEN SHOWN TO SUPPRESS WEED AND NOT LIMIT YIELD OR CAUSE CARRYOVER; THERE IS NO DATA ON RESIDUES OF 2,4-D AFTER THE CHIP FRYING PROCESS; PER MN ME-TOO REQUEST: THE NORTHERN PLAINS POTATO GROWERS ASSOC. STRONGLY SUPPORTS THIS PROJECT REQUEST;(2021 MI) BROAD-LEAF WEEDS; THERE ARE NOT ANY GOOD CONTROL OPTIONS FOR LARGE-SEEDED BROAD LEAF WEEDS, ESPECIALLY POSTEMERGENCE; THE ONLY PRODUCT ALLOWED FOR POSTEMERGENCE WEED CONTROL IN WHITE (CHIPPING POTATOES) IS RIMSULFURON; SOIL CARRYOVER OF RIMSULFURON PREVENTS SOME CROP FROM BEING PLANTED THE NEXT YEAR; 2,4-D USE IN FRESH POTATOES HAS BEEN SHOWN TO SUPPRESS WEED AND NOT LIMIT YIELD OR CAUSE CARRYOVER; THERE IS NO DATA ON RESIDUES OF 2,4-D AFTER THE CHIP FRYING PROCESS; PER MN ME-TOO REQUEST: THE NORTHERN PLAINS POTATO GROWERS ASSOC. STRONGLY SUPPORTS THIS PROJECT REQUEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; THIS IS A VERY GOOD FIT AS 2,4-D IS LABELLED IN FRESH POTATO PRODUCTION AND HAS BEEN SUCCESSFULLY USED FROM MANY YEARS TO ENHANCE RED-SKIN COLOR. IT IS NOT EXPECTED TO BE A HAZARD TO BENEFICIALS. IT CAN REDUCE OVER-RELIANCE OF METRIBUZIN AND RIMSULFURON FOR POSTEMERGENCE WEED CONTROL IN WHITE CHIPPING POTATOES:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; THIS IS A VERY GOOD FIT AS 2,4-D IS LABELLED IN FRESH POTATO PRODUCTION AND HAS BEEN SUCCESSFULLY USED FROM MANY YEARS TO ENHANCE RED-SKIN COLOR. IT IS NOT EXPECTED TO BE A HAZARD TO BENEFICIALS. IT CAN REDUCE OVER-RELIANCE OF METRIBUZIN AND RIMSULFURON FOR POSTEMERGENCE WEED CONTROL IN WHITE CHIPPING POTATOES:08/20: Anthony VanWoerkom

	Robinson, Andrew P	P16-ND-DMP	RECD	NONE	TWO TRIALS IN 2015 – 2016 WITH 2 FORMULATIONS ON 6 VARIETIES IN DRYLAND AND IRRIGATED CROPPING SYSTEMS. 2,4-D AMINE AT 2.0 AND 2.3 FL OZ/A AND 2,4-D LV6 AT 1.6 AND 2.0 FL OZ/A; OVERALL RESULTS SHOWED GOOD CROP SAFETY, GOOD TO EXCELLENT WEED CONTROL AND NO SIGNIFICANT YIELD DIFFERENCES.

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Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12816	LINURON (TKI)	* ONION (DRY BULB) (03-07A=ONION, BULB SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PROSTRATE PIGWEED, COMMON PURSLANE, HAIRY GALINSOGA; WEED CONTROL IN ONION IS COSTLY REQUIRING LABOR TO COMPLETE CONTROL; FEW HERBICIDE OPTIONS ARE AVAILABLE

REQ STATES OH NY

NorthEast Region		NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A				

PCR Use Pattern:

USE LINEX; MAKE BROADCAST SPRAY OF 0.25-1.0 LB AI/A TO EMERGED ONION (POST TO WEEDS) AT THE 2-4 LEAF STAGE; 60-75 DAY PHI; APPLY ONLY TO ONION ON MUCK SOIL

HQ Comments:

CANADA NOTED AS A LIKELY EXPORT MARKET; POSSIBLY COMBINE PR# 12815/ONION (GREEN); NOTE: APPLY ONLY TO ONION ON MUCK SOIL:08/19; TKI SUPPORTS:10/19; MFG WOULD NOT SUPPORT A NATIONAL LABEL WITHOUT CROP SAFETY DATA FROM THE PNW, ESPECIALLY OR; WOULD SUPPORT A REGIONAL LABEL:07/20; EPA GREEN:08/20; PER EMAIL, OREGON ME-TOO REQUESTOR WITHDRAWS HIS ME-TOO REQUEST (CAN'T GET PRODUCT TO WORK IN HIS AREA'S MINERAL SOILS AND DOESN'T HAVE MUCK SOILS THERE):09/20; EPA CAUTION: 08/21;

Efficacy/Crop Safety (E/CS) Data Required:

CROP SAFETY DATA NEEDED FROM THE PNW, ESPECIALLY OR:07/20

Nomination Justification:

(2019 MI) CANADA NOTED AS A LIKELY EXPORT MARKET; POSSIBLY COMBINE PR# 12815/ONION (GREEN); NOTE: APPLY ONLY TO ONION ON MUCK SOIL:08/19; PROSTRATE PIGWEED, COMMON PURSLANE, HAIRY GALINSOGA; WEED CONTROL IN ONION IS COSTLY REQUIRING LABOR TO COMPLETE CONTROL. FEW HERBICIDE OPTIONS ARE AVAILABLE;(2020 MI) 2019 MI) CANADA NOTED AS A LIKELY EXPORT MARKET; POSSIBLY COMBINE PR# 12815/ONION (GREEN); NOTE: APPLY ONLY TO ONION ON MUCK SOIL:08/19; PROSTRATE PIGWEED, COMMON PURSLANE, HAIRY GALINSOGA; WEED CONTROL IN ONION IS COSTLY REQUIRING LABOR TO COMPLETE CONTROL. FEW HERBICIDE OPTIONS ARE AVAILABLE; PROSTRATE PIGWEED, COMMON PURSLANE, HAIRY GALINSOGA; WEED CONTROL IN ONION IS COSTLY REQUIRING LABOR TO COMPLETE CONTROL; FEW HERBICIDE OPTIONS ARE AVAILABLE;(2021 MD) expressed need in NY;(2021 MD) There is quite a bit of dry bulb onion production on muck soils in NY. There is now a Palmer Amaranth problem that is impacting the dry bulb onion production. This could be a helpful tool. (By Marylee Ross);

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT:08/19

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

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PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12529	PHENMEDIPHAM (BAYER,BELCHIM)	* SPINACH (04-16A=LEAFY GREENS SUBGROUP)	UNDER EVALUATION

Reasons for need: WEEDS; NEED IS FOR REDUCING THE PHI FROM 21 TO 10-14 DAYS TO ALLOW ITS USE FOR CLIPPED SPINACH (FRESH MARKET) WHICH HAS A SHORTER CROP CYCLE THAN FREEZER SPINACH; PER FL ME-TOO REQUEST, WITH THE RISING POPULARITY OF BABY LEAF SPINACH A SHORTER 10-14 DAY PHI IS NEEDED

REQ STATES CA FL MS NJ

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

USE THE SPIN-AID PRODUCT (LABELED BY BELCHIM); MAKE ONE FOLIAR APPLIC OF 0.08-0.48 LB AI/A, 10-14 DAY PHI; WEEDS MUST BE AT THE 2-LEAF STAGE OR SMALLER; USE CYCLOATE PPI THEN 10 DAYS AFTER SEEDING USE SPIN AID 1 PT/A

HQ Comments:

KEY EXPORT MARKETS NOT NOTED:06/18; EPA GREEN:09/18; ADDED BELCHIM CROP PROTECTION AS A MFG, AS THEY HAVE THE SPIN-AID PRODUCT LABELED FOR USE ON SPINACH (ON PROCESSING AND SEED SPINACH) AND RED BEETS:10/18; BELCHIM STILL NEEDS SOME TYPE OF SUPPORT FROM BAYER TO CONSIDER THIS BEING RESEARCHABLE:05/19; BAYER'S CONCERN IS THAT THERE IS A NEED TO STAY UNDER A CERTAIN VOLUME OF SALES (LOW-VOLUME WAIVER), BUT THAT INCREASED SALES OF BABY SPINACH MAY BE AN ISSUE:06/20; EPA GREEN: 08/20, 08/21

Nomination Justification:

(2019 FL) WITH THE RISING POPULARITY OF BABY LEAF SPINACH A SHORTER 10-14 DAY PHI IS NEEDED FOR SHORTER CROP CYCLE;(2019 MD) DE and NJ need more options;(2020 NJ) Only labeled for processing spinach - should be available for fresh market as well for which no effective options are available for many troublesome broadleaf species (ragweed, galinsoga, purslane);(2021 MD) see previous comments;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; PHENMEDIPHAM IS A POST EMERGENT BROADLEAF HERBICIDE THAT WOULD COMPLEMENT PREEMERGENT WEED CONTROL PROGRAMS; PHENMEDIPHAM DOES NOT NEED TO BE APPLIED AS A PREVENTATIVE TO THE WEEDS; IT CAN BE USED ON AN AS NEEDED BASIS TO CONTROL EMERGED WEEDS IN SPINACH PRODUCTION:06/18; PER 2020 NER NOMINATION COMMENT: NO OTHER GROUP 5 HERBICIDES LABELED FOR USE ON SPINACH:08/20

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross

	Smith, Dr. Richard	P16-CA-DMP	RECD	NONE	THREE TRIALS. SPIN-AID AT 1 PT/A POST APPLIED IN THE EVENING REDUCED WEED PRESSURE BY 53-95% OVER THE STANDARD PRE TREATMENT, BUT REDUCED YIELD BY 3-13 %.
	Fennimore, S.	P13-CA-DMP	RECD	NONE	0.09, 0.18 AND 0.27 KG AI/HA POST FOLLOWING CYCLOATE PRE; GOOD CROP TOLERANCE OF 2 VARIETIES TESTED; WEED CONTROL AT THE HIGHEST RATE, AND YIELD AT ALL RATES COMPARABLE TO HANDWEEDING FOLLOWING CYCLOATE PRE.

	Fennimore, S.	P14-CA-DMP	RECD	NONE	GREENHOUSE AND FIELD STUDIES IN 2013-2014 USING 0.55 KG AI/HA POST TO CHECK VARIETAL SENSITIVITY AND EFFECT OF LIGHT ON CROP TOLERANCE TO PHENMEDIPHAM. RESULTS SHOWED DIFFERENCES IN TOLERANCE BETWEEN VARIETIES, AND THAT LIGHT INTENSITY IS A MAJOR FACTOR THAT AFFECTS TOLERANCE LEVELS.
	Fennimore, S.	P14-CA-DMP	RECD	NONE	GREENHOUSE AND FIELD STUDIES TO CHECK VARIETAL SENSITIVITY AND EFFECT OF LIGHT ON CROP TOLERANCE TO PHENMEDIPHAM. RESULTS SHOWED DIFFERENCES IN TOLERANCE BETWEEN VARIETIES, AND THAT APPLICATION IN THE EVENING WAS SAFER THAN MORNING. RESULTS OF FIELD STUDIES SHOWED 0.09 AND 0.18 KG AI/HA POST AT 2-LF STAGE FOLLOWING CYCLOATE PRE PROVIDING GOOD CROP TOLERANCE OF 2 VARIETIES TESTED, WEED CONTROL AND YIELD COMPARABLE TO HANDWEEDING FOLLOWING CYCLOATE PRE.

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PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
06288 *	PYRIDATE (BELCHIM)	KALE (04-16B=BRASSICA LEAFY GREENS SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: WEEDS

REQ STATES FL NJ

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A	A			

PCR Use Pattern:

POST; 1-2 LB.AI/A; 1 APPLIC WHEN WEEDS AT 2-4 LEAF STAGE; 5.0 EC FORMULATION

HQ Comments:

MFG WILL NOT SUPPORT:06/99; USE CANCELED:05/04; THERE IS A TOLERANCE FOR COLLARDS IN e-CFR (0.03 PPM); KALE IS NOT INCLUDED IN THE CURRENTLY SUBMITTED U.S. REGISTRATION; BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; A LABEL IS PENDING AT EPA FOR AN EC PRODUCT, FOR THE OLD HEAD & STEM BRASSICA SUBGROUP 5A PLUS COLLARDS:08/18; CONSIDERING IF COLLARD DATA CAN BE USED TO SUPPORT KALE:05/19

Nomination Justification:

(2019 MD) DE and NJ need. NJ claims no data but has good potential;(2021 MD) Northeast need - MD and NJ;(2021 MD) Will cabbage be re-registered? (By Marylee Ross);(2021 MI) (2019 MD) DE and NJ need. NJ claims no data but has good potential;(2021 MD) Northeast need - MD and NJ;(2021 MD) Will cabbage be re-registered? (By Marylee Ross);;

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross; Unknown: : Anthony VanWoerkom

Peachey, Ed	P18-OR-DMP	RECD	NONE	0.47 LB AI /A POST (2-LF); SEVERE INJURY.	

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PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13156	PYROXASULFONE (KICHEM)	* CABBAGE (DIRECT SEEDED) (05-16=BRASSICA HEAD AND STEM VEGETABLE GROUP)	UNDER EVALUATION

Reasons for need: WILD BUCKWHEAT, NIGHTSHADES, SMARTWEEDS; VERY LIMITED OPTIONS FOR RESIDUAL WEED CONTROL IN CABBAGE; CURRENT PRODUCTS AVAILABLE DO NOT CONTROL WILD BUCKWHEAT, NIGHTSHADES OR SMARTWEEDS

REQ STATES WI OR

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

USE THE ZIDUA PRODUCT; MAKE 1 BROADCAST POSTEMERGENCE APPLIC OF 0.11 LB AI/A WHEN CABBAGE IS AT 1-2 TRUE LEAVES; PHI >60 DAYS

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; MFG CONFIRMED THIS NEEDS TO REMAIN UNDER EVAL:09/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) WILD BUCKWHEAT, NIGHTSHADES, SMARTWEEDS; VERY LIMITED OPTIONS FOR RESIDUAL WEED CONTROL IN CABBAGE. CURRENT PRODUCTS AVAILABLE DO NOT CONTROL WILD BUCKWHEAT, NIGHTSHADES OR SMARTWEEDS
;(2021 MI) WILD BUCKWHEAT, NIGHTSHADES, SMARTWEEDS; VERY LIMITED OPTIONS FOR RESIDUAL WEED CONTROL IN CABBAGE; CURRENT PRODUCTS AVAILABLE DO NOT CONTROL WILD BUCKWHEAT, NIGHTSHADES OR SMARTWEEDS;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; GOOD RESIDUAL WEED CONTROL WILL REDUCE THE OVERALL NUMBER OF APPLICATIONS MADE IN CABBAGE AND ALLOW FOR BETTER TIMED CULTIVATION; LOW USE RATE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; GOOD RESIDUAL WEED CONTROL WILL REDUCE THE OVERALL NUMBER OF APPLICATIONS MADE IN CABBAGE AND ALLOW FOR BETTER TIMED CULTIVATION; LOW USE RATE:08/20: Anthony VanWoerkom

Heider, Daniel J.	P20-WI-DMP	RECD	NONE	ZIDUA AT 1 AND 2 OZ PROD/A POSPRE; EXCELLENT CROP TOLERANCE AND WEED CONTROL; YIELD COMPARABLE TO HANDWEEDED CHECK.

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PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
02079	FLUAZIFOP-P-BUTYL (SYNGEN)	* PEA (EDIBLE PODDED & SUCCULENT SHELLED) (06AB=EDIBLE PODDED AND SUCCULENT SHELLED PEA/BEAN SUBGROUPS)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: GRASSES; PER PROJECT NOMINATION COMMENTS: THIS PRODUCT WORKS WELL IN THIS CROP AND WOULD GIVE GROWERS ANOTHER HERBICIDE TYPE FOR GRASS CONTROL

REQ STATES ID LA NC MS

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

12-16 FL OZ; MAX 48 FL OZ/A/YEAR; 15-DAY PHI

HQ Comments:

MFG APPROVAL:05/08; EPA CAUTION:08/16; EPA GREEN:08/17; EPA GREEN:09/18 & 09/19 & 08/20, 08/21

Nomination Justification:

(2014 CA) This product works well in this crop, and it would give them another herbicide type for grass control.;(2021 MI) GRASSES; PER PROJECT NOMINATION COMMENTS: THIS PRODUCT WORKS WELL IN THIS CROP AND WOULD GIVE GROWERS ANOTHER HERBICIDE TYPE FOR GRASS CONTROL. (2014 CA) This product works well in this crop, and it would give them another herbicide type for grass control.;;

IPM Comments from Nomination Process:

; Unknown: : Anthony VanWoerkom

	On-File	84-ID	RECD	DEL	03/85
	On-File	84-MN	RECD	NCR	09/85
-NER	On-File	89-MD*	RECD	NYR	03/90
-NER	On-File	89-WA*	RECD	NYR	03/90
-NER	On-File	90-NY	RECD	NYR	10/90
-NER	On-File	90-WI	RECD	NYR	10/90
	On-File	P84-OR	RECD	NONE	-

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PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11774	LINURON (TKI)	* PEA (EDIBLE PODDED & SUCCULENT SHELLED) (06AB=EDIBLE PODDED AND SUCCULENT SHELLED PEA/BEAN SUBGROUPS)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: WEEDS IN GENERAL; AMARANTH SPECIES, ESPECIALLY PALMER AMARANTH; PIGWEED, PURSLANE, GRASSES; PER GA ME-TOO REQUEST, THERE ARE MINIMAL ALTERNATIVES; PER NC ME-TOO REQUEST: NEEDED FOR AMARANTHUS SPECIES

REQ STATES VA CA GA MS NC AR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

USE THE LOROX/LINEX PRODUCT; MAKE 1 PREEMERGENCE APPLIC TO THE SOIL PRIOR TO CROP EMERGENCE, USING 0.5-1.0 LB AI/A; APPLY AFTER PLANTING BUT BEFORE CROP EMERGENCE; TARGET A 21-DAY PHI

HQ Comments:

MFG MAY CONSIDER SOME FUNDING TO HELP OFFSET RESEARCH COSTS:09/15; EPA CAUTION:09/15; EPA CAUTION:08/16; EPA CAUTION:08/17; EPA GREEN:09/18; COMMODITY CHANGED FROM PEA (SUCCULENT SHELLED) TO PEA (EDIBLE PODDED & SUCCULENT SHELLED) DUE TO AN EDIBLE POD PEA REQUEST RECEIVED FROM CA WITH A SIMILAR USE PATTERN; SENT THE EDIBLE POD PEA REQUEST TO THE MFG TO CONFIRM SUPPORT:04/19; EPA GREEN:09/19 & 08/20; EPA CAUTION: 08/21;

Nomination Justification:

(2018 MD) The use of linuron would be helpful for common ragweed control in the region, provided there is good crop safety. DE: not looked at linuron on snap beans or peas so not sure how good the crop safety there is; there is fair to good safety with lima beans, depending on the rate. Also, linuron is a poor herbicide for all pigweeds, including Palmer amaranth; and so not a good justification for this use. But it has value for expanding broadleaf weed control.

;(2019 FL) WEEDS, PARTICULARLY AMARANTH SPECIES AND SPECIFICALLY PALMER AMARANTH; PIGWEEDS AND GRASSES; THERE ARE FEW ALTERNATIVES, OFFERS ANOTHER MOA TO PREVENT HERBICIDE RESISTANCE; Performance data from S. Culpepper (GA) available.;(2020 FL) Effective product for palmer amaranth control; performance data shows no significant injury at 1 qt/A; few alternatives for weed management.;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; DIFFERENT MODE OF ACTION WILL HELP PREVENT HERBICIDE RESISTANCE:08/15

Culpepper, A. Stanley	P16-GA-DMP	RECD	NONE	LINEX 4L AT 1 AND 2 QT/A PRE IN A LOAMY SAND SOIL; NO SIGNIFICANT INJURY AT 1 QT, SLIGHT INJURY AT 2 QT TO 2 VARIETIES OF COWPEA. 100% PALMER AMARANTH CONTROL.
Culpepper, A. Stanley	P15-GA-DMP	RECD	NONE	2 PT/A PRE ON LOAMY SAND SOIL; GOOD CROP TOLERANCE ON A PEA VARIETY 'PINK EYE PURPLE HULL'.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
05295 *	PYRIDATE (BELCHIM)	* PEA (EDIBLE PODDED & SUCCULENT SHELLED) (06AB=EDIBLE PODDED AND SUCCULENT SHELLED PEA/BEAN SUBGROUPS)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: BROADLEAF WEEDS; PER DE ME-TOO REQUEST: THIS USE HAS POTENTIAL FOR PROCESSING PEAS (SAW NO INJURY NOR DELAYS IN FLOWERING); WITH LACK OF SOIL RESIDUAL ACTIVITY, IT WOULD NOT INTERFERE WITH PLANTING A SECOND CROP IMMEDIATELY AFTER HARVEST:07/20

REQ STATES MN NJ DE

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

HQ Comments:

MFG WILL NOT SUPPORT WP FORMULATION:10/97; USE CANCELED:05/04; THERE IS NO TOLERANCE ESTABLISHED FOR EDIBLE-PODDED & SUCCULENT SHELLED PEA; A DRY FORMULATION IS BETTER SUITED FOR PEAS, AND IS AVAILABLE FOR TESTING; BELCHIM WOULD SUPPORT EVALUATING A FORMULATION FOR CROP TOLERANCE, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; MFG AND IR-4 ASSESSING VALUE OF AN OLD IR-4 RESIDUE STUDY:08/18; BELCHIM CONSIDERING SUPPORTING EC OVER WP, AS THE EC WILL BE REGISTERED SOONER:05/19; EPA PENDING:09/19; MFG IS DOING DRY PEAS:06/20; EPA CAUTION:08/20

Nomination Justification:

(2018 MI) MFG WILL NOT SUPPORT WP FORMULATION:10/97; USE CANCELED:05/04; THERE IS NO TOLERANCE ESTABLISHED FOR EDIBLE-PODDED & SUCCULENT SHELLED PEA; A DRY FORMULATION IS BETTER SUITED FOR PEAS, AND IS AVAILABLE FOR TESTING; BELCHIM WOULD SUPPORT EVALUATING A FORMULATION FOR CROP TOLERANCE, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; MFG AND IR-4 ASSESSING VALUE OF AN OLD IR-4 RESIDUE STUDY:08/18, BROADLEAF WEEDS;(2018 MI) MFG WILL NOT SUPPORT WP FORMULATION:10/97; USE CANCELED:05/04; THERE IS NO TOLERANCE ESTABLISHED FOR EDIBLE-PODDED & SUCCULENT SHELLED PEA; A DRY FORMULATION IS BETTER SUITED FOR PEAS, AND IS AVAILABLE FOR TESTING; BELCHIM WOULD SUPPORT EVALUATING A FORMULATION FOR CROP TOLERANCE, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; MFG AND IR-4 ASSESSING VALUE OF AN OLD IR-4 RESIDUE STUDY:08/18, BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE:05/18;(2019 MI) (2018 MI) MFG WILL NOT SUPPORT WP FORMULATION:10/97; USE CANCELED:05/04; THERE IS NO TOLERANCE ESTABLISHED FOR EDIBLE-PODDED & SUCCULENT SHELLED PEA; A DRY FORMULATION IS BETTER SUITED FOR PEAS, AND IS AVAILABLE FOR TESTING; BELCHIM WOULD SUPPORT EVALUATING A FORMULATION FOR CROP TOLERANCE, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; MFG AND IR-4 ASSESSING VALUE OF AN OLD IR-4 RESIDUE STUDY:08/18, BROADLEAF WEEDS;(2018 MI) MFG WILL NOT SUPPORT WP FORMULATION:10/97; USE CANCELED:05/04; THERE IS NO TOLERANCE ESTABLISHED FOR EDIBLE-PODDED & SUCCULENT SHELLED PEA; A DRY FORMULATION IS BETTER SUITED FOR PEAS, AND IS AVAILABLE FOR TESTING; BELCHIM WOULD SUPPORT EVALUATING A FORMULATION FOR CROP TOLERANCE, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; MFG AND IR-4 ASSESSING VALUE OF AN OLD IR-4 RESIDUE STUDY:08/18, BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE:05/18;
;(2019 MD) DE and NJ interest - DE has data.;(2020 NJ) Unique MOA with excellent control of various troublesome pigweed species.;(2021 MD) see previous comments;

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

XC-KUNKEL-HQ	Bellinder, Dr. Robin	94-NY05	RECD	94-AGR02	06/96
XC-KUNKEL-HQ	Boydston, Dr. Rick A.	94-WA*15	RECD	94-AGR02	06/96
XC-KUNKEL-HQ	Harvey, Dr. R. Gordon	94-WI05	RECD	94-AGR02	06/96
XC-KUNKEL-HQ	Harvey, Dr. R. Gordon	94-WI06	RECD	94-AGR02	06/96

XC-KUNKEL-HQ	Tappan, Mr. Craig	95-OH*23	RECD	94-AGR02	06/96	
XC-KUNKEL-HQ	McReynolds, Mr. Robert	95-OR22	RECD	94-AGR02	06/96	
XC-KUNKEL-HQ	Harvey, Dr. R. Gordon	95-WI12	RECD	94-AGR02	06/96	
	VanGessel, M.	P19-DE-DMP	RECD	NONE		TOUGH AT 8 AND 16 FL OZ/A POST FOLLOWING DUAL MAGNUM PRE; NO INJURY AT LOWER RATE, MINOR AT HIGHER RATE.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13328	MESOTRIONE (SYNGEN,UPL NA)	* BEAN, LIMA (SUCCULENT & DRIED SHELLED) (06BC=SUCCULENT/DRIED SHELLED PEA/BEAN SUBGROUPS)	MFG OBJECTIVE

Reasons for need: IMPROVE MANAGEMENT OF HERBICIDE-RESISTANT WEEDS IN PRECEDING CORN, CURRENTLY, CALLISTO AND HALEX GT LABEL DOES NOT ALLOW FOR ROTATING TO LIMA BEANS THE FOLLOWING SEASON. MESOTRIONE (AND OTHER HPPD-INHIBITING HERBICIDES, GROUP 27) ARE NOT USED IN BROADLEAF VEGETABLE CROPS, AND BEING ABLE TO USE THEM IN ROTATIONAL CROPS WILL ALLOW FOR A MORE DIVERSE HERBICIDE ROTATION OVER 2-YR PERIOD. IN ADDITION, MESOTRIONE IS HIGHLY EFFECTIVE ON AMARANTHUS SPECIES TO ALLOW FARMERS TO ACHIEVE EFFECTIVE WEED CONTROL PRIOR TO PLANTING LIMA BEANS AND IMPROVE OVERALL WEED CONTROL

REQ STATES DE

NorthEast Region	NorthCentral Region	Southern Region	Western Region
	A		

Reduced Risk Yes

PCR Use Pattern:

CALLISTO AN/OR HALEX GT; 3 FL OZ CALLISTO/A; POST EMERGENCE FOR CORN; 1 APPLICATION; APPLY WITHIN EXISTING LABEL REQUIREMENTS; MAY NOT BE COMPATIBLE WIHT LATE PLANTED FIELD CORN

Nomination Justification:

(2021 MI) IMPROVE MANAGEMENT OF HERBICIDE-RESISTANT WEEDS IN PRECEDING CORN, CURRENTLY, CALLISTO AND HALEX GT LABEL DOES NOT ALLOW FOR ROTATING TO LIMA BEANS THE FOLLOWING SEASON. MESOTRIONE (AND OTHER HPPD-INHIBITING HERBICIDES, GROUP 27) ARE NOT USED IN BROADLEAF VEGETABLE CROPS, AND BEING ABLE TO USE THEM IN ROTATIONAL CROPS WILL ALLOW FOR A MORE DIVERSE HERBICIDE ROTATION OVER 2-YR PERIOD. IN ADDITION, MESOTRIONE IS HIGHLY EFFECTIVE ON AMARANTHUS SPECIES TO ALLOW FARMERS TO ACHIEVE EFFECTIVE WEED CONTROL PRIOR TO PLANTING LIMA BEANS AND IMPROVE OVERALL WEED CONTROL ;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT, ALLOWS FOR A MORE DIVERSE HERBICIDE ROTATION OVER 2-YR PERIOD. IN ADDITION, MESOTRIONE IS HIGHLY EFFECTIVE ON AMARANTHUS SPECIES TO ALLOW FARMERS TO ACHIEVE EFFECTIVE WEED CONTROL PRIOR TO PLANTING LIMA BEANS AND IMPROVE OVERALL WEED CONTROL

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR, VERYGOODFIT, ALLOWS FOR A MORE DIVERSE HERBICIDE ROTATION OVER 2-YR PERIOD. IN ADDITION, MESOTRIONE IS HIGHLY EFFECTIVE ON AMARANTHUS SPECIES TO ALLOW FARMERS TO ACHIEVE EFFECTIVE WEED CONTROL PRIOR TO PLANTING LIMA BEANS AND IMPROVE OVERALL WEED CONTROL: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
06529 *	PYRIDATE (BELCHIM)	* TOMATO (08-10A=TOMATO SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: EASTERN NIGHTSHADE; PER NJ ME-TOO REQUEST, NEED POSTEMERGENCE CONTROL OF PIGWEEDS (PROSTRATE, PALMER) PLUS NIGHTSHADE IN ROW MIDDLES:09/19; PER CA ME-TOO REQUEST 08/20: PIGWEED AND NIGHTSHADE ARE MAJOR WEED ISSUES IN CA PROCESSING TOMATOES, WITH LIMITED CONTROL OPTIONS

REQ STATES FL GA MI NJ CA MD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:
POST; 0.9 LB AI/A; 45-DAY PHI

HQ Comments:

MFG WILL NOT SUPPORT:06/99; PREVIOUS CANADIAN REGISTRATIONS OF A DRY FORMULATION INCLUDED A "DIRECTED SPRAY" APPLIC TO TOMATOES; BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE AS A DIRECTED SPRAY, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18; BELCHIM STILL NEEDS PRELIMINARY CROP SAFETY AND USE PATTERN DATA BEFORE SUPPORTING RESIDUE WORK:05/19

Nomination Justification:

(2018 MI) MFG WILL NOT SUPPORT:06/99; PREVIOUS CANADIAN REGISTRATIONS OF A DRY FORMULATION INCLUDED A "DIRECTED SPRAY" APPLIC TO TOMATOES; BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE AS A DIRECTED SPRAY, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18, EASTERN NIGHTSHADE;(2018 MI) MFG WILL NOT SUPPORT:06/99; PREVIOUS CANADIAN REGISTRATIONS OF A DRY FORMULATION INCLUDED A "DIRECTED SPRAY" APPLIC TO TOMATOES; BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE AS A DIRECTED SPRAY, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18, BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP SAFETY AS A DIRECTED SPRAY:05/18;(2019 MI) (2018 MI) MFG WILL NOT SUPPORT:06/99; PREVIOUS CANADIAN REGISTRATIONS OF A DRY FORMULATION INCLUDED A "DIRECTED SPRAY" APPLIC TO TOMATOES; BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE AS A DIRECTED SPRAY, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18, EASTERN NIGHTSHADE;(2018 MI) MFG WILL NOT SUPPORT:06/99; PREVIOUS CANADIAN REGISTRATIONS OF A DRY FORMULATION INCLUDED A "DIRECTED SPRAY" APPLIC TO TOMATOES; BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP TOLERANCE AS A DIRECTED SPRAY, IF THERE IS INTEREST BY IR-4 STAKEHOLDERS:05/18, BELCHIM WOULD SUPPORT EVALUATING A DRY FORMULATION FOR CROP SAFETY AS A DIRECTED SPRAY:05/18;;(2019 MD) NJ interest. Need to clarify "directed spray". Is that to row middles?;(2020 NJ) Would have a nice fit for postemergence control of Palmer amaranth with directed spray between the rows. Previous data collected in NJ have shown excellent efficacy for pigweed control.;(2021 MD) see previous comments;

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13069	IMAZAMOX (ADAMA,BASF)	* TOMATO (PROCESSING) (08-10A=TOMATO SUBGROUP)	UNDER EVALUATION

Reasons for need: BRANCHED BROOMRAPE / CURRENT QUARANTINE PEST BUT POTENTIAL FOR SIGNIFICANT YIELD LOSSES IF IT BECOMES ENDEMIC; BRANCHED BROOMRAPE (OROBANCHE RAMOSA) IS AN EMERGING INVASIVE PEST IN CALIFORNIA PROCESSING TOMATO THAT IS CURRENTLY A QUARANTINE PEST; IF IT BECOMES ESTABLISHED, MANAGEMENT TOOLS WILL BE NEEDED TO REDUCE THE YIELD IMPACTS; MANAGEMENT AND CONTROL PROGRAMS ON OROBANCHE SPECIES IN OTHER COUNTRIES HAVE DEVELOPED PROGRAMS BASED ON IMAZAPIC CHEMIGATION FOR EFFECTIVE MANAGEMENT IN TOMATO; IF THERE ARE BARRIERS TO IMAZAPIC REGISTRATION IN CA, IMAZAMOX MAY BE AN ALTERNATIVE ALREADY REGISTERED IN THE STATE; PER CA ME-TOO REQUEST 08/20: BRANCHED BROOMRAPE IS AN EXISTENTIAL THREAT TO THE PROCESSING TOMATO INDUSTRY IN CA, WITH SIGNIFICANT RISKS TO OTHER HOSTS LIKE SUNFLOWERS, SAFFLOWER, BEAN, OLIVE, ETC.; THIS AI IS A PART OF THE ONLY KNOWN LONG TERM MANAGEMENT PROGRAM DEVELOPED FOR THIS PEST

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	
				A

Reduced Risk Yes

PCR Use Pattern:

USE THE RAPTOR PRODUCT; MAKE 2-7 APPLIC OF 2.4-9.6 G AI/HA (VIA CHEMIGATION IN BURIED DRIP TAPE OR POST FOLIAR; TREATMENT INTENSITY BASED ON BROOMRAPE INFESTATION LEVEL); 7-DAY INTERVAL FOR CHEMIGATION, 21-DAY INTERVAL FOR FOLIAR; 45-DAY PHI

HQ Comments:

REQUESTOR NOTED THIS IS AN EXPORT COMMODITY, BUT NO KEY EXPORT MARKET IDENTIFIED; CROP SAFETY DATA ARE INCLUDED IN IMAZAPIC/SULFOSULFURON PROJECT IS00330; PER BASF, THIS AI IS TOLERANCE EXEMPT SO NO RESIDUE DATA SHOULD BE NEEDED ON PROCESSING TOMATO; BASF HAS INTEREST IN THIS USE, BUT NEEDS MORE COMPELLING CROP SAFETY AND EFFICACY DATA; 2020 TRIAL WORK BY THE REQUESTOR MUST BE EVALUATED BEFORE A PATH FORWARD CAN BE DETERMINED, SO STATUS REMAINS "UNDER EVAL":07/20; IR-4 LIKELY CAN SUBMIT A PETITION FOR EXEMPTION OF TOLERANCE FOR THIS USE, AND RECEIVE THE PRIA FEE WAIVER, PER PRIA CATEGORY R-170:08/20; BASF PREFERS TO KEEP THIS REQUEST "UNDER EVALUATION" AS LONG AS CONTINUATION OF RESEARCH UNDER IR-4 IS00330 PLUS CTRI FUNDING CAN PROCEED IN 2021:09/20; EPA INFORMED THAT THIS SUBMISSION WOULD NOT QUALIFY FOR A PRIA FEE WAIVER:03/21; EPA GREEN:08/21

Efficacy/Crop Safety (E/CS) Data Required:

BASF REQUIRES MORE COMPELLING CROP SAFETY AND EFFICACY DATA TO MOVE THIS OFF "UNDER EVAL" STATUS:07/20; BASF WOULD ALSO LIKE TO BE INVOLVED IN ANY PROTOCOL DEVELOPMENT FOR 2021 RESEARCH:09/20

Nomination Justification:

(2020 CA) No other herbicides available for broomrape control in processing tomato;(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; IMAZAMOX IS A REDUCED-RISK HERBICIDE APPLIED AT EXCEEDINGLY LOW RATES IN THIS USE PATTERN VIA CHEMIGATION THROUGH BURIED DRIP TAPE:07/20

	Hanson, Brad	P20-CA-DMP	RECD	NONE	TWO FIELD TRIALS IN 2019-2020. RAPTOR AT 0.137 OZ AI/A APPLIED THROUGH DRIP IRRIGATION AS A PART OF A PICKIT DECISION SUPPORT SYSTEM FOR CONTROL OF BROOMRAPE. RESULTS SHOWED PROMISING EFFICACY. IN A 2ND TRIAL, 2X RATE (9.6 G AI/HA) APPLIED 5X SHOWED NO PHYTOTOXICITY ON TOMATO AND POTENTIAL ROTATIONAL CROPS (BEANS, CORN, MELON, SAFFLOWER, SUNFLOWER, WHEAT).

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10464 *	PENDIMETHALIN (BASF,UPL NA)	GOJI BERRY (08-10A=TOMATO SUBGROUP)	TOL EST; NEED E/CS DATA TO ADD CROP/PEST

Reasons for need: ANNUAL WEEDS

REQ STATES WA

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

1.5 LB AI/A; PREEMERGENCE TO WEEDS & DIRECTED TOWARDS BASE OF GOJI PLANTS & PRIOR TO WEED EMERGENCE; 1 APPLIC

HQ Comments:

WILL BE COVERED WITH TOMATO (08-FRUITING VEGETABLES) TOLERANCE; MFG ASSESSING E/CS DATA:05/13; IS ON MASTER LABEL, BUT NOT COMMERCIAL LABEL:05/16

Efficacy/Crop Safety (E/CS) Data Required:

NEED AT LEAST 3-4 TRIALS IN KEY PRODUCTION AREAS OVER 2 YEARS

Nomination Justification:

(2010 CA) E/CS "M" priority only;(2014 CA) WR "B" ="M" E/CS;(2015 CA) WR "B"="M"E/CS;(2016 CA) See previous years comments;(2017 CA) "B" priority for "M" crop safety;(2021 MI)
(2010 CA) E/CS "M" priority only;(2014 CA) WR "B" ="M" E/CS;(2015 CA) WR "B"="M"E/CS;(2016 CA) See previous years comments;(2017 CA) "B" priority for "M" crop safety;;

IPM Comments from Nomination Process:

; Unknown: : Anthony VanWoerkom

Boydston, Dr. Rick A.	P09-WA-DMP	RECD	-	1.5 AND 3 LB AI/A POST-TRANSPLANT; VIRTUALLY NO INJURY	

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10465 *	S-METOLACHLOR/METOLACHLOR (SYNGEN,UPL NA)	GOJI BERRY (08-10A=TOMATO SUBGROUP)	TOL EST; NEED E/CS DATA TO ADD CROP/PEST

Reasons for need: ANNUAL WEEDS

REQ STATES WA

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

1 LB AI/A; 1 APPLIC PREEMERGENCE TO WEEDS; DIRECT APPLIC TO GROUND AROUND BASE OF GOJI PLANTS

HQ Comments:

WILL BE COVERED WITH TOMATO (08-FRUITING VEGETABLES); MFG REQUIRES CROP SAFETY DATA PRIOR TO SUPPORTING:08/09

Efficacy/Crop Safety (E/CS) Data Required:

CROP SAFETY, 2-3 TRIALS OVER 2 YEARS, 1X/2X RATES

Nomination Justification:

(2010 CA) E/CS "M" priority only;(2011 NJ) will be covered by crop grooup tolerance; need CS data;(2014 CA) WR "B" = "M" E/CS;(2015 CA) WR "B"="M"E/CS;(2016 CA) See previous comments;(2017 CA) "B" priority for "M" priority for crop safety data;(2019 MI) (2010 CA) E/CS "M" priority only;(2011 NJ) will be covered by crop grooup tolerance; need CS data;(2014 CA) WR "B" = "M" E/CS;(2015 CA) WR "B"="M"E/CS;(2016 CA) See previous comments;(2017 CA) "B" priority for "M" priority for crop safety data;;(2021 MI) 2010 CA) E/CS "M" priority only;(2011 NJ) will be covered by crop grooup tolerance; need CS data;(2014 CA) WR "B" = "M" E/CS;(2015 CA) WR "B"="M"E/CS;(2016 CA) See previous comments;(2017 CA) "B" priority for "M" priority for crop safety data;(2019 MI) (2010 CA) E/CS "M" priority only;(2011 NJ) will be covered by crop grooup tolerance; need CS data;(2014 CA) WR "B" = "M" E/CS;(2015 CA) WR "B"="M"E/CS;(2016 CA) See previous comments;(2017 CA) "B" priority for "M" priority for crop safety data;; ;

IPM Comments from Nomination Process:

; Unknown: : Anthony VanWoerkom

Boydston, Dr. Rick A.	P09-WA-DMP	RECD	-	1 AND 2 LB AI/A POST-TRANSPLANT; VIRTUALLY NO INJURY	

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
02082	FLUAZIFOP-P-BUTYL (SYNGEN)	* PEPPER (BELL & NONBELL) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: GRASSES; PER PROJECT NOMINATION COMMENTS: WOULD BE NICE TO HAVE FOR CA IMPERIAL VALLEY AND NM CHILES; IMPORTANT NEED FOR SOUTHERN STATES; NEEDED FOR PERENNIAL GRASS CONTROL

REQ STATES AR FL GA NC OK PR TN TX CA MS

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:
12-16 FL OZ; MAX 48 FL OZ/A/YEAR; 15-DAY PHI

HQ Comments:

MFG APPROVAL:05/08; FUW 2013 CHANGED FROM BELL ONLY TO BELL & NON-BELL; CANADIAN INTEREST (ZONE 5[5]):09/13; EPA CAUTION:08/16; EPA GREEN:08/17; EPA GREEN:09/18 & 09/19 & 08/20, 08/21

Nomination Justification:

(2013 CA) Nice to have for CA Imperial Valley and NM chiles.;(2014 CA) Same comment from 2013 applies.;(2014 FL) Important need for Southern States;(2017 MI) Needed for perennial grass control.;(2021 MI) GRASSES; PER PROJECT NOMINATION COMMENTS: WOULD BE NICE TO HAVE FOR CA IMPERIAL VALLEY AND NM CHILES; IMPORTANT NEED FOR SOUTHERN STATES; NEEDED FOR PERENNIAL GRASS CONTROL. (2013 CA) Nice to have for CA Imperial Valley and NM chiles.;(2014 CA) Same comment from 2013 applies.;(2014 FL) Important need for Southern States;(2017 MI) Needed for perennial grass control.;

IPM Comments from PCR:

FROM SOR 2014 NOMINATION: GOOD IPM FIT WHEN COMBINED WITH CULTURAL PRACTICES; FROM NCR 2017 NOMINATION: GOOD IPM FIT; HELPS CONTROL PERENNIAL GRASSES

IPM Comments from Nomination Process:

; Good Fit: FROM SOR 2014 NOMINATION: GOOD IPM FIT WHEN COMBINED WITH CULTURAL PRACTICES; FROM NCR 2017 NOMINATION: GOOD IPM FIT; HELPS CONTROL PERENNIAL GRASSES: Anthony VanWoerkom

-NER	On-File	85-MD*	RECD	NYR	03/87
-NER	On-File	86-CA	RECD	NYR	11/86
-NER	On-File	86-GA*	03/87	NYR	06/87
-HQ	On-File	90-FL	RECD	TIR	DISCARD
-HQ	On-File	90-TX*	RECD	TIR	DISCARD

	On-File	P86-TX*	RECD	NONE	-
	Gilreath, J.P.	P83-FL-DMP	RECD	NONE	0.25 AND 0.5 LB AI/A + COC POST; NO INJURY OR YIELD REDUCTION.
	Gilreath, J.P.	P83-FL-DMP	RECD	NONE	0.25 AND 0.5 LB AI/A + COC POST; NO INJURY.
	Monks, Dr. David W.	P94-NC-DMP	RECD	NONE	0.2 LB AI/A + COC POST; NO INJURY.
	Monaco, Dr. T.J.	P81-NC-DMP	RECD	NONE	0.25 LB AI/A + SURFACTANT POST; NO INJURY.
	Monaco, Dr. T.J.	P82-NC-DMP	RECD	NONE	0.25 AND 0.5 LB AI/A + OIL POST; NO INJURY OR SIGNIFICANT YIELD REDUCTION.
	Bonanno, A.R.	P83-NC-DMP	RECD	NONE	0.25 AND 0.5 LB AI/A + OIL POST; NO INJURY OR SIGNIFICANT YIELD REDUCTION.
	Monaco, Dr. T.J.	P84-NC-DMP	RECD	NONE	0.10, 0.13, 0.20 AND 0.25 LB AI/A + OIL POST; NO INJURY OR SIGNIFICANT YIELD REDUCTION.
	Monaco, Dr. T.J.	P85-NC-DMP	RECD	NONE	0.20 AND 0.40 LB AI/A + OIL POST; NO INJURY; SIGNIFICANT YIELD REDUCTION.
	Bonanno, A.R.	P88-NC-DMP	RECD	NONE	0.375 LB AI/A + CROP OIL POST; SLIGHT INJURY; SIGNIFICANT YIELD INCREASE.
	Monaco, Dr. T.J.	P88-NC-DMP	RECD	NONE	0.156 LB AI/A + OIL POST; NO INJURY OR SIGNIFICANT YIELD REDUCTION.
	Stall, Dr. William M.	P90-FL-DMP	RECD	NONE	0.187 AND 0.375 LB AI/A + OIL POST; NO INJURY.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
09025 *	SULFENTRAZONE (FMC)	* PEPPER (NONBELL) (08-10BC=PEPPER/NON-BELL PEPPER/EGGPLANT SUBGROUPS)	TOL EST; NEED E/CS DATA TO ADD CROP/PEST

Reasons for need: WEEDS, NUTSEDGE, ANNUAL MORNINGGLORY; PER NJ ME-TOO REQUEST: THIS USE WOULD BRING AN EFFECTIVE SOLUTION FOR YELLOW NUTSEDGE CONTROL POSTEMERGENCE

REQ STATES NM OK NC TX MS NJ MD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

0.09-0.188 LB AI/A; POST DIRECTED

HQ Comments:

TOLERANCE ESTABLISHED FOR NEW VEGETABLE, FRUITING, GROUP 8-10:02/11; MFG REQUIRES MORE CROP SAFETY DATA BEFORE LABELING AS SLN:06/11; MFG DOING MORE CROP SAFETY WORK BEFORE LABELING:05/12; MFG NOT COMFORTABLE TO ADD PEPPER TO THE LABEL, BUT WILL CONSIDER ON A STATE BY STATE BASIS, WITH STRICT LABEL LANGUAGE, BASED ON AVAILABLE DATA:05/18; PLEASE NOTE THAT SEVERAL REPORTS FOR POST DIRECTED USE CAN BE FOUND UNDER PR# 08048, SULFENTRAZONE / PEPPER (BELL & NONBELL):05/20

Efficacy/Crop Safety (E/CS) Data Required:

SEVERAL TRIALS IN STATES DESIRING SLN

Nomination Justification:

(2020 MI) WEEDS, NUTSEDGE, ANNUAL MORNINGGLORY; PER NJ ME-TOO REQUEST: THIS USE WOULD BRING AN EFFECTIVE SOLUTION FOR YELLOW NUTSEDGE CONTROL POSTEMERGENCE;(2021 MD) see previous comments;

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

	Renz, M.	P02-NM-DMP	RECD	NONE	-	
	Schroeder, Dr. Jill	P04-NM-DMP	RECD	NONE	-	0.15 LB AI/A MIXED WITH CARFENTRAZONE OR OXYFLUORFEN + NON-IONIC SURFACTANT POST DIRECTED; INITIAL INJURY (0-5 %)
	Schroeder, Dr. Jill	P04-NM-DMP	RECD	NONE	-	0.25 LB AI/A MIXED WITH PYRITHIOBAC OR HALOSULFURON + COC POST DIRECTED; INITIAL INJURY (4-5 %)

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11776	ETHALFLURALIN + CLOMAZONE (GOWAN,LOVLND)	CUCURBIT VEGETABLES (09=CUCURBIT VEGETABLES GROUP)	UNDER EVALUATION

Reasons for need: MORNING GLORY, PIGWEED, NUTSEDGE

REQ STATES LA SC KY NC UT MS DE NJ MD IN

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A	A			

PCR Use Pattern:

MAKE 1 SOIL APPLIC OF 5 PT/A OF STRATEGY, AFTER TRANSPLANTING

HQ Comments:

THIS IS A NEW REQUEST FOR THE COMBO PRODUCT STRATEGY ON CUCURBIT CROPS AS A PRE-EMERGENCE BROADLEAF TOOL IN TRANSPLANTED FIELDS (MOST CUCURBIT CROPS ARE NOW TRANSPLANTED); STRATEGY IS LABELED FOR BROADCAST PRE USE IN SEEDED CUCURBITS ONLY; FOR TRANSPLANTED CUCURBITS IT CAN ONLY BE USED POST-TRANSPLANT AND ONLY IN ROW MIDDLES; ETHAFLURALIN IS LABELED AS CURBIT EC BY LOVELAND, AND HAS THE SAME LABEL LANGUAGE AS STRATEGY:08/15; CLOMAZONE IS LABELED AS COMMAND 3 ME AND ALLOWS PRE TRANSPLANT USE IN WINTER/SUMMER SQUASH ONLY (NOT ALL CUCURBITS); IT ALSO IS EPA OK/GREEN FOR THIS MICROENCAPSULATED FORMULATION, WHILE ETHAFLURALIN IS EPA CAUTION; SEE ONGOING CLOMAZONE/CUCURBIT STUDY (PR# 11063), DESIGNED TO REDUCE PHI TO 30 DAYS, AND IT DOES ALLOW FOR PRE TRANSPLANT USE; DOW IS NOT INTERESTED IN SUPPORTING ADDITIONAL WORK WITH ETHAFLURALIN FOR THIS USE AT THIS TIME:09/15; THIS IS A LOVELAND DUAL AI PRODUCT:07/17; GOWAN CONFIRMED LOVELAND HOLDS THE DATA FOR THIS PRODUCT, AND GOWAN WILL SUPPORT IT IF LOVELAND DOES:08/18; EPA CAUTION:09/18; BOTH AIs HAVE TOLERANCES FOR CROP GROUP 9 CUCURBITS:10/18; NEED TO DISCUSS WITH LOVELAND:06/19; EPA GREEN (BOTH):09/19; THIS IS A LOVELAND PRODUCT SO IT IS THEIR DECISION:05/20; EPA GREEN (BOTH): 08/20; EPA YELLOW (ETHALFLURALIN), EPA GREEN (CLOMAZONE): 08/21

Nomination Justification:

(2016 DE) Many growers are switching to transplanted production.;(2016 MD) Growers are relying more on transplants than direct seeding. This would help reduce the need for applying multiple herbicides throughout a growing season.;(2016 FL) Strong interest in this request from the SR.;(2017 FL) I reviewed the labels for the request for Strategy (ethalfluralin plus clomazone) herbicide post transplant between rows in transplanted cucurbit vegetables. It looks to me that this request may already be covered on the Strategy herbicide label (see attached). What is not covered is if a grower would like to tank mix Curbit (ethalfluralin) plus Command (clomazone) and apply it after transplanting in these crops. The current Curbit label requires that Curbit be applied after transplanting and in contrast the Command label requires it be applied prior to transplanting. If both were registered to apply after transplanting then it would allow for 1 trip to apply both herbicides instead of 2 trips across the field. In addition, the time period between applying Command prior to transplanting and applying Curbit after transplanting could allow weeds to escape. Growers applying exactly the rate of each herbicide needed appears to be advantageous in some cases over the formulated mixture. It is my understanding that some growers add extra Curbit to the Strategy spray solution to better control weeds mostly when Strategy application rate is low.-D. Monks, NC;(2018 FL) MORNING GLORY, PIGWEED, NUTSEDGE; ONLY ONE APPLICATION NEEDED FOR CONTROL
;(2018 MD) DE: This would be a valuable label. Would recommend going for a crop grouping so all are covered. Does Squash include winter squashes as well as summer squash. If winter squash is included, jack-o-lantern type should also be included in the request. In order of importance: 1 = squash, 2 = cucumber and 3 = cantaloupe. (2016 DE) Many growers are switching to transplanted production.;(2016 MD) Growers are relying more on transplants than direct seeding. This would help reduce the need for applying multiple herbicides throughout a growing season;(2019 FL) MORNING GLORY, PIGWEED, NUTSEDGE CONTROL; WOULD REDUCE THE NUMBER OF APPLICATIONS NEEDED AND ALLOW FOR APPLICATION BETWEEN ROWS AFTER TRANSPLANT;(2019 MD) NJ has data. need PCRs for rep crops.;(2020 MI) (2016 DE) Many growers are switching to transplanted production.;(2016 MD) Growers are relying more on transplants than direct seeding. This would help reduce the need for applying multiple herbicides throughout a growing season.;(2016 FL) Strong interest in this request from the SR.;(2017 FL) I reviewed the labels for the request for Strategy (ethalfluralin plus clomazone) herbicide post transplant between rows in transplanted cucurbit vegetables. It looks to me that this request may already be covered on the Strategy herbicide label (see attached). What is not covered is if a grower would like to tank mix Curbit (ethalfluralin) plus Command (clomazone) and apply it after transplanting in these crops. The current Curbit label requires that Curbit be applied after transplanting and in contrast the Command label requires it be applied prior to transplanting. If both were registered to apply after transplanting then it would allow for 1 trip to apply both herbicides instead of 2 trips across the field. In addition, the time period between applying Command prior to transplanting and applying Curbit after transplanting could allow weeds to escape. Growers applying exactly the rate of each herbicide needed appears to be advantageous in some cases over the formulated mixture. It is my understanding that some growers add extra Curbit to the Strategy spray solution to better control weeds mostly when Strategy application rate is low.-D. Monks, NC;(2018 FL) MORNING GLORY, PIGWEED, NUTSEDGE; ONLY ONE APPLICATION NEEDED FOR CONTROL ;(2018 MD) DE: This would be a valuable label. Would recommend going for a crop grouping so all are covered. Does Squash include winter squashes as well as summer squash. If winter squash is included, jack-o-lantern type should also be included in the request. In order of importance: 1 = squash, 2 = cucumber and 3 = cantaloupe. (2016 DE) Many growers are switching to transplanted production.;(2016 MD) Growers are relying more on transplants than direct seeding. This would help reduce the need for applying multiple herbicides throughout a growing season;(2019 FL) MORNING GLORY, PIGWEED, NUTSEDGE CONTROL; WOULD REDUCE THE NUMBER OF APPLICATIONS NEEDED AND ALLOW FOR APPLICATION BETWEEN ROWS AFTER TRANSPLANT;(2019 MD) NJ has data. need PCRs for rep crops.;;(2021 MD) see previous comments;(2021 MI) (2016 DE) Many growers are switching to transplanted production.;(2016 MD) Growers are relying more on transplants than direct seeding. This would help reduce the need for applying multiple herbicides throughout a growing season.;(2016 FL) Strong interest in this request from the SR.;(2017 FL) I reviewed the labels for the request for Strategy (ethalfluralin plus clomazone) herbicide post transplant between rows in transplanted cucurbit vegetables. It looks to me that this request may already be covered on the Strategy herbicide label (see attached). What is not covered is if a grower would like to tank mix Curbit (ethalfluralin) plus Command (clomazone) and apply it after transplanting in these crops. The current Curbit label requires that Curbit be applied after transplanting and in contrast the Command label requires it be applied prior to transplanting. If both were registered to apply after transplanting then it would allow for 1 trip to apply both herbicides instead of 2 trips across the field. In addition, the time period between applying Command prior to transplanting and applying Curbit after transplanting could allow weeds to escape. Growers applying exactly the rate of each herbicide needed appears to be advantageous in some cases over the formulated mixture. It is my understanding that some growers add extra Curbit to the Strategy spray solution to better control weeds mostly when Strategy application rate is low.-D. Monks, NC;(2018 FL) MORNING GLORY, PIGWEED, NUTSEDGE; ONLY ONE APPLICATION NEEDED FOR CONTROL ;(2018 MD) DE: This would be a valuable label. Would recommend going for a crop grouping so all are covered. Does Squash include winter squashes as well as summer squash. If winter squash is included, jack-o-lantern type should also be included in the request. In order of importance: 1 = squash, 2 = cucumber and 3 = cantaloupe. (2016 DE) Many growers are switching to transplanted production.;(2016 MD) Growers are relying more on transplants than direct seeding. This would help reduce the need for applying multiple herbicides throughout a growing season;(2019 FL) MORNING GLORY, PIGWEED, NUTSEDGE CONTROL; WOULD REDUCE THE NUMBER OF APPLICATIONS NEEDED AND ALLOW FOR APPLICATION BETWEEN ROWS AFTER TRANSPLANT;(2019 MD) NJ has data. need PCRs for rep crops.;(2020 MI) (2016 DE) Many growers are switching to transplanted production.;(2016 MD) Growers are relying more on transplants than direct seeding. This would help reduce the need for applying;

IPM Comments from PCR:

FROM REQUESTOR AND SOR/NER 2019 NOMINATION COMMENTS: VERY GOOD IPM FIT; ONLY ONE APPLIC NEEDED FOR CONTROL:08/15

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross; Very Good Fit: FROM REQUESTOR AND SOR/NER 2019 NOMINATION COMMENTS: VERY GOOD IPM FIT; ONLY ONE APPLIC NEEDED FOR CONTROL:08/15 : Anthony VanWoerkom

	Mitchem, Wayne	P93-NC-DMP	RECD	NONE	FIELD TRIALS IN 1992 AND 1993. ETHALFLURALIN AT 1.2 AND 2.4 KG AI/HA APPLIED PPI, PRE- OR POSTTRANSPLANT ON NORFOLK SANDY LOAM SOIL; VIRTUALLY NO INJURY POSTTRANSPLANT, SEVERE INJURY PPI OR PRETRANSPLANT.
	Grey, Timothy L.	P95-GA-DMP	RECD	NONE	FIELD TRIALS IN 1993 1994 AND 1995. CLOMAZONE AT 0.8 KG AI/HA OR ETHALFLURALIN AT 1.3 KG AI/HA APPLIED PPI, PRE- OR POSTTRANSPLANT ON FACEVILLE SANDY LOAM SOIL; DATA INDICATED GOOD CROP TOLERANCE TO CLOMAZONE AND ETHALFLURALIN APPLIED POSTTRANSPLANT .

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12582 *	FLUMIOXAZIN + PYROXASULFONE (KICHEM,VALENT)	MELON (09A=MELON SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: BROADLEAF AND GRASS CONTROL WITH A SPECIAL EMPHASIS ON RAGWEED PARTHENIUM, A WEED FOR WHICH THERE IS NOT CURRENTLY AN EFFECTIVE MANAGEMENT TOOL; RAGWEED PARTHENIUM IS INCREASINGLY PROBLEMATIC AND IS RESISTANT OR TOLERANT TO CURRENT REGISTERED HERBICIDES; PER NC ME-TOO REQUEST: THERE ARE LIMITED ALTERNATIVES FOR WEED CONTROL IN ROW MIDDLES

REQ STATES FL NC AR

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

REQUESTOR INDICATED THE PRODUCT AS COBRA (LACTOFEN), BUT THE AI IS SPECIFIED AS FLUMIOXAZIN + PYROXASULFONE, WHICH IS THE FIERCE PRODUCT; USE PATTERN GIVEN IS: MAKE 2 SOIL OR FOLIAR APPLIC, 14 DAYS APART; APPLY AS A PRE TO SOIL OR AS A POST ON PLANTS LESS THAN 5 INCHES TALL; DO NOT ALLOW TO COME IN CONTACT WITH THE CROP; NO RATE OR PHI SPECIFIED; REQUESTOR ASKED THAT THE USE PATTERN BE CLARIFIED TO READ LIKE THAT FOR TOMATO AND PEPPER (PR#S 12576 AND 12577): MAKE 2 PRE APPLIC TO THE SOIL IN ROW MIDDLES, USING A SHIELDED APPLICATOR, 14 DAYS APART:05/19

HQ Comments:

TOLERANCE IS ESTABLISHED FOR FLUMIOXAZIN ON CUCURBIT VEGETABLES CROP GROUP 9; CANADA AND MEXICO NOTED AS KEY EXPORT MARKETS:07/18; VALENT AND KUMIAI SUPPORT, BUT KUMIAI REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK:08/18

Efficacy/Crop Safety (E/CS) Data Required:

MIMIC WHAT WAS DONE WITH FRUITING VEG TRIALS; NEED 4 TRIALS; TEST VINING CUCRBITS (SQUASH [12581] AT A FEW SITES) CUCUMBER (12580) AND MELON (12582) IN THE SAME PLOTS; NO CA TRIALS NEEDED AS THIS PRODUCT FIERCE IS NOT TO BE REGISTERED THERE:09/20

Nomination Justification:

(2019 FL) BROADLEAF AND GRASS CONTROL WITH A SPECIAL EMPHASIS ON RAGWEED PARTHENIUM, A WEED FOR WHICH THERE IS NOT CURRENTLY AN EFFECTIVE MANAGEMENT TOOL; RAGWEED PARTHENIUM IS INCREASINGLY PROBLEMATIC AND IS RESISTANT OR TOLERANT TO CURRENT REGISTERED HERBICIDES;(2020 FL) Dual ai product gives a broad spectrum of weed control; need for effective products to control weeds in cucurbit row middles; performance data in tomatoes and peppers shows effective control with no injury.;(2020 NJ) Weed control in row middles remains challenging for all cucurbits. Some weed species (nightshades) have no effective herbicide solutions and may be a liability for pick-you-own production systems because of the toxicity of the berries. The mixing of pyroxasulfone and flumioxazin would provide an effective solution for controlling many troublesome broadleaf and grass species. As previously noted, excellent weed control has been observed in 2020 in pepper and tomato row middles on trials conducted in New Jersey. Excellent crop safety has also been noted with applications in plasticulture - further work should be conducted to evaluate crop safety for row middle applications in cucurbits.;(2021 MI) BROADLEAF AND GRASS CONTROL WITH A SPECIAL EMPHASIS ON RAGWEED PARTHENIUM, A WEED FOR WHICH THERE IS NOT CURRENTLY AN EFFECTIVE MANAGEMENT TOOL; RAGWEED PARTHENIUM IS INCREASINGLY PROBLEMATIC AND IS RESISTANT OR TOLERANT TO CURRENT REGISTERED HERBICIDES; PER NC ME-TOO REQUEST: THERE ARE LIMITED ALTERNATIVES FOR WEED CONTROL IN ROW MIDDLES.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; A PROBLEM WITHOUT A SOLUTION BECAUSE PARTHENIUM IS RESISTANT OR TOLERANT TO ALL HERBICIDES CURRENTLY REGISTERED:07/18; PER 2019 SOR NOMINATION COMMENT: WOULD AID IN RESISTANCE MANAGEMENT; PER 2020 NER NOMINATION COMMENT: EXCELLENT FIT PROVIDED THE LACK OF OTHER HERBICIDES LABELED ON CUCURBITS AND BELONGING TO GROUP 14 AND 15; ADDITIONALLY, THE MIXING OF 2 EFFECTIVE MOA FOR CONTROLLING WEED SPECIES PRONE TO HERBICIDE RESISTANCE (PIGWEEDS) REDUCES THE RISK OF SELECTING FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR: VERY GOOD IPM FIT; A PROBLEM WITHOUT A SOLUTION BECAUSE PARTHENIUM IS RESISTANT OR TOLERANT TO ALL HERBICIDES CURRENTLY REGISTERED:07/18; PER 2019 SOR NOMINATION COMMENT: WOULD AID IN RESISTANCE MANAGEMENT; PER 2020 NER NOMINATION COMMENT: EXCELLENT FIT PROVIDED THE LACK OF OTHER HERBICIDES LABELED ON CUCURBITS AND BELONGING TO GROUP 14 AND 15; ADDITIONALLY, THE MIXING OF 2 EFFECTIVE MOA FOR CONTROLLING WEED SPECIES PRONE TO HERBICIDE RESISTANCE (PIGWEEDS) REDUCES THE RISK OF SELECTING FOR HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
02233	FLUAZIFOP-P-BUTYL (SYNGEN)	PUMPKIN (09B=SQUASH/CUCUMBER SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: GRASSES; PER PROJECT NOMINATION COMMENTS: NEEDED FOR LATE SEASON QUACKGRASS CONTROL

REQ STATES AR NC OK PA PR TN VA MS

NorthEast Region	NorthCentral Region		Southern Region	Western Region	Reduced Risk
		A			

PCR Use Pattern:

12-16 FL.OZ; MAX 48 FL.OZ/A/YEAR; 30-DAY PHI

HQ Comments:

(POSTEMERG) MFG APPROVAL:05/08; EPA CAUTION:08/16; EPA GREEN:08/17; EPA GREEN:09/18 & 09/19 & 08/20, 08/21

Nomination Justification:

(2014 NY) late season harvests have problems w quackgrass;(2017 MI) Needed for quackgrass control.;(2020 MI) (2014 NY) late season harvests have problems w quackgrass;(2017 MI) Needed for quackgrass control.;;(2021 MI) GRASSES; PER PROJECT NOMINATION COMMENTS: NEEDED FOR LATE SEASON QUACKGRASS CONTROL. (2014 NY) late season harvests have problems w quackgrass;(2017 MI) Needed for quackgrass control.;(2020 MI) (2014 NY) late season harvests have problems w quackgrass;(2017 MI) Needed for quackgrass control.;;;

IPM Comments from PCR:

FROM NCR 2017 NOMINATION: VERY GOOD IPM FIT; REDUCES USE OF OTHER POST GRASS HERBICIDES

IPM Comments from Nomination Process:

; Very Good Fit: FROM NCR 2017 NOMINATION: VERY GOOD IPM FIT; REDUCES USE OF OTHER POST GRASS HERBICIDES: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13199 *	S-METOLACHLOR/METOLACHLOR (SYNGEN,UPL NA)	PUMPKIN (09B=SQUASH/CUCUMBER SUBGROUP)	TOL EST; NEED E/CS DATA TO ADD CROP/PEST

Reasons for need: THERE ARE NO POSTEMERGENCE HERBICIDES LABELED FOR PUMPKINS TO CONTROL BROADLEAF WEED SPECIES. NEED TO FIND WAYS TO EXTEND THE RESIDUAL CONTROL OF OUR PREEMERGENCE HERBICIDES AND A DELAYED PRE APPLICATION IS ONE METHOD; FOR WEED SPECIES WITH PROLONGED GERMINATION PERIOD SUCH AS PALMER AMARANTH AND EASTERN BLACK NIGHTSHADE: 01/21

REQ STATES DE MD NJ IN

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

REFER TO DUAL MAGNUM; DELAYED PREEMERGENCE; RATE-UPTO 1.19 LBS AI/A; SINGLE APPLIC; APPLY AFTER CROP EMERGENCE BUT BEFORE WEEDS HAVE EMERGED. NEEDS TO BE USED IN A PROGRAM APPROACH WITH AN AT-PLANTING RESIDUAL HERBICIDE: 02/21

HQ Comments:

REQUESTOR UNCERTAIN ABOUT EXPORT MARKETS; TOLERANCE ESTABLISHED; ONLY CS DATA IS REQUIRED; MFG IS WILLING TO PURSUE 24C LABELED IN STATES WITH SATISFACTORY CS DATA: 02/21; ME TOO REQUEST KURT VOLLMER, U OF MD, 02/16/21;

Nomination Justification:

(2021 MD) see previous comments. 4 years of data available.;(2021 MD) 8 reports submitted (By Marylee Ross);

IPM Comments from PCR:

REQUESTOR STATES VERY GOOD FIT; THIS USE IS A VERY GOOD FIT FOR IPM. S-METOLACHLOR PROVIDES 3 TO 5 WEEKS OF RESIDUAL CONTROL DEPENDING ON SOIL TYPES AND RATES, AND DELAYED RESIDUAL APPLICATION WOULD ALLOW FOR A LONGER PERIOD OF CHEMICAL CONTROL OF A GROUP 15 HERBICIDE. THIS APPROACH IS COMPATIBLE WITH PUMPKINS GROWN WITH NO-TILL CEREAL RYE OR HAIRY VETCH SYSTEMS. THIS IS ALSO COMPATIBLE WITH CONVENTIONAL TILL SYSTEMS AND ALLOWS FOR A BROADCAST APPLICATION AFTER AN IN-CROP CULTIVATION. I AM NOT AWARE OF ANY ISSUES WITH POLLINATORS OR OTHER BENEFICIAL ORGANISMS. 01/21

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross

	VanGessel, M.	P17-DE-DMP	RECD	NONE	DUAL MAGNUM AT 1.19 LB AI/A POST 3 OR 4 WAP; NO SIGNIFICANT INJURY AND YIELD REDUCTION.
	VanGessel, M.	P18-DE-DMP	RECD	NONE	TRIAL ID: PMPKN 4-18. DUAL MAGNUM AT 0.714 AND 1.19 LB AI/A POST 3, 4 OR 5 WAP FOLLOWING CURBIT PRE; NO SIGNIFICANT INJURY AND YIELD REDUCTION.
	VanGessel, M.	P18-DE-DMP	RECD	NONE	TRIAL ID: PMPKN 5A-18. DUAL MAGNUM AT 0.714 LB AI/A POST 3, 6 AND 9 WAP, OR WITH 0.476 LB AI/A APPLIED ONCE AT VARIOUS TIMES 3, 6, OR 9 WAP FOLLOWING CURBIT PRE; NO SIGNIFICANT INJURY AND YIELD REDUCTION.

	VanGessel, M.	P18-DE-DMP	RECD	NONE	TRIAL ID: PMPKN 1-18 AND 2-18. TWO GREENHOUSE TRIALS. DUAL MAGNUM AT 0.714, 1.43 AND 2.86 LB AI/A POST (2-3 LF); NO TO VERY MINOR INJURY ON 6 VARIETIES TESTED. NO SIGNIFICANT DIFFERENCES IN CROP HEIGHT AND DRY WEIGHT.
	VanGessel, M.	P18-DE-DMP	RECD	NONE	TRIAL ID: PMPKN 3-18. GREENHOUSE TRIAL. DUAL MAGNUM AND DUAL II MAGNUM AT 1.43, 2.87 AND 5.76 LB AI/A POST (2-3 LF); NO INJURY WITH 2 LOWER RATES, MINOR WITH HIGHEST RATE. NO SIGNIFICANT DIFFERENCES IN CROP HEIGHT AND DRY WEIGHT.
	Vollmer, Kurt	P19-DE-DMP	RECD	NONE	TRIAL ID: PMPKN 4-19. DUAL MAGNUM AT 0.714, 1.19 AND 1.43 LB AI/A POST 2, 3 OR 4 WAP FOLLOWING CURBIT PRE; NO INJURY AND YIELD REDUCTION.
	Vollmer, Kurt	P19-DE-DMP	RECD	NONE	TRIAL ID: PMPKN 5-19. DUAL MAGNUM AT 0.64, 0.714 AND 1.43 LB AI/A POST 2 AND 4 WAP FOLLOWING CURBIT PRE; YIELD COMPARABLE TO CURBIT PRE.
	Vollmer, Kurt	P20-DE-DMP	RECD	NONE	THREE TRIALS IN MARYLAND AND DELAWARE. DUAL MAGNUM AT 1.75 AND 1.5 LB AI/A POST 2 OR 4 WAP FOLLOWING CURBIT PRE; NO INJURY. YIELD HIGHER THAN UNTREATED CHECK.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13344	HALOSULFURON (GOWAN)	* ORANGE (10-10A=ORANGE SUBGROUP)	MFG WILL NOT SUPPORT

Reasons for need: BROADLEAVED WEEDS, YELLOW NUTSEDGE, PURPLE NUTSEDGE; CITRUS PRODUCTION IN FLORIDA (FL) ONLY HAS LIMITED BROAD-SPECTRUM POST HERBICIDE OPTIONS WITH SYSTEMIC ACTIVITY. MANY BROADLEAVED WEEDS IN FL CITRUS SHOW TOLERANCE TO APPROVED HERBICIDE ACTIVE INGREDIENTS WITH SYSTEMIC ACTIVITY (E.G., GLYPHOSATE). THIS IS A CONCERN AMONG THE GROWERS. SO THE POSSIBILITY OF ADDING NEW SYSTEMIC A.I OPTIONS LIKE HALOSULFURON FOR EFFECTIVE BROAD-LEAF AND SEDGE MANAGEMENT WOULD BE HELPFUL FOR THE GROWERS.

REQ STATES FL CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

SANDEA, WITH FOLIAR, BAND APPLICATION FROM A BOOM SPRAYER, TBD ON APPLICATION NUMBER, RETREATMENT INTERVAL, AND PHI.

HQ Comments:

LACK OF SUPPORT FROM MFG DUE TO CROP INJURY.

Nomination Justification:

(2021 FL) Citrus only have limited non-selective POST herbicide options with systemic activity; the possibility of adding new systemic a.i options would be helpful for growers.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; HALOSULFURON, A SYSTEMIC HERBICIDE ACTIVE INGREDIENT, CAN POTENTIALLY MANAGE PERENNIAL TUBEROUS SEDGES AND BROAD-LEAVED WEEDS GROWING IN THE TREE ROWS OR UNDER THE CANOPY IN FLORIDA'S (FL) CITRUS PRODUCTION. MANY BROADLEAVED WEEDS, INCLUDING SPANISH NEEDLES (BIDENS ALBA), PARTHENIUM (PARTHENIUM HYSTEROPHORUS), HORSEWEED (CONYZA CANADENSIS) ETC., WHICH ARE AMONG THE TOP WEEDS IN FL CITRUS IS SHOWING TOLERANCE TO HERBICIDE ACTIVE INGREDIENTS LIKE GLYPHOSATE IS AMONG THE WEED MANAGEMENT CHALLENGES FACED BY THE GROWERS. THE LACK OF RESPONSE OF THESE WEEDS TO GLYPHOSATE IS WELL DOCUMENTED IN THE LITERATURE. ADDITIONALLY, HALOSULFURON, DUE TO ITS SYSTEMIC ACTIVITY, CAN BE UTILIZED IN COMBINATION WITH MOWING PRACTICES TO SUPPRESS THE GROWTH OF TALL-GROWING WEEDS (ESPECIALLY GRASSES) IN THE ROW-MIDDLE AREAS IN CITRUS ORCHARDS. THIS INTEGRATED WEED MANAGEMENT STRATEGY, ALSO KNOWN AS CHEMICAL MOWING, CURRENTLY UTILIZES SUB-LETHAL DOSES OF GLYPHOSATE AND IS GAINING POPULARITY AS AN INTEGRATED APP

IPM Comments from Nomination Process:

; Good Fit: This is a systemic herbicide that can be a useful tool in an integrated management program.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13343	HALOSULFURON (GOWAN)	* LEMON (10-10B=LEMON/LIME SUBGROUP)	MFG WILL NOT SUPPORT

Reasons for need: BROADLEAVED WEEDS, YELLOW NUTSEDGE, PURPLE NUTSEDGE; CITRUS PRODUCTION IN FLORIDA (FL) ONLY HAS LIMITED BROAD-SPECTRUM POST HERBICIDE OPTIONS WITH SYSTEMIC ACTIVITY. MANY BROADLEAVED WEEDS IN FL CITRUS SHOW TOLERANCE TO APPROVED HERBICIDE ACTIVE INGREDIENTS WITH SYSTEMIC ACTIVITY (E.G., GLYPHOSATE). THIS IS A CONCERN AMONG THE GROWERS. SO THE POSSIBILITY OF ADDING NEW SYSTEMIC A.I OPTIONS LIKE HALOSULFURON FOR EFFECTIVE BROAD-LEAF AND SEDGE MANAGEMENT WOULD BE HELPFUL FOR THE GROWERS.

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

SANDEA, WITH FOLIAR, BAND APPLICATION FROM A BOOM SPRAYER, TBD ON APPLICATION NUMBER, RETREATMENT INTERVAL, AND PHI.

HQ Comments:

LACK OF SUPPORT FROM MFG DUE TO CROP INJURY.

Nomination Justification:

(2021 FL) Citrus only have limited non-selective POST herbicide options with systemic activity; the possibility of adding new systemic a.i options would be helpful for growers.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; HALOSULFURON, A SYSTEMIC HERBICIDE ACTIVE INGREDIENT, CAN POTENTIALLY MANAGE PERENNIAL TUBEROUS SEDGES AND BROAD-LEAVED WEEDS GROWING IN THE TREE ROWS OR UNDER THE CANOPY IN FLORIDA'S (FL) CITRUS PRODUCTION. MANY BROADLEAVED WEEDS, INCLUDING SPANISH NEEDLES (BIDENS ALBA), PARTHENIUM (PARTHENIUM HYSTEROPHORUS), HORSEWEED (CONYZA CANADENSIS) ETC., WHICH ARE AMONG THE TOP WEEDS IN FL CITRUS IS SHOWING TOLERANCE TO HERBICIDE ACTIVE INGREDIENTS LIKE GLYPHOSATE IS AMONG THE WEED MANAGEMENT CHALLENGES FACED BY THE GROWERS. THE LACK OF RESPONSE OF THESE WEEDS TO GLYPHOSATE IS WELL DOCUMENTED IN THE LITERATURE. ADDITIONALLY, HALOSULFURON, DUE TO ITS SYSTEMIC ACTIVITY, CAN BE UTILIZED IN COMBINATION WITH MOWING PRACTICES TO SUPPRESS THE GROWTH OF TALL-GROWING WEEDS (ESPECIALLY GRASSES) IN THE ROW-MIDDLE AREAS IN CITRUS ORCHARDS. THIS INTEGRATED WEED MANAGEMENT STRATEGY, ALSO KNOWN AS CHEMICAL MOWING, CURRENTLY UTILIZES SUB-LETHAL DOSES OF GLYPHOSATE AND IS GAINING POPULARITY AS AN INTEGRATED APP

IPM Comments from Nomination Process:

; Good Fit: This is a systemic herbicide that can be a useful tool in an integrated management program.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13342	HALOSULFURON (GOWAN)	* GRAPEFRUIT (10-10C=GRAPEFRUIT SUBGROUP)	MFG WILL NOT SUPPORT

Reasons for need: BROADLEAVED WEEDS, YELLOW NUTSEDGE, PURPLE NUTSEDGE; CITRUS PRODUCTION IN FLORIDA (FL) ONLY HAS LIMITED BROAD-SPECTRUM POST HERBICIDE OPTIONS WITH SYSTEMIC ACTIVITY. MANY BROADLEAVED WEEDS IN FL CITRUS SHOW TOLERANCE TO APPROVED HERBICIDE ACTIVE INGREDIENTS WITH SYSTEMIC ACTIVITY (E.G., GLYPHOSATE). THIS IS A CONCERN AMONG THE GROWERS. SO THE POSSIBILITY OF ADDING NEW SYSTEMIC A.I OPTIONS LIKE HALOSULFURON FOR EFFECTIVE BROAD-LEAF AND SEDGE MANAGEMENT WOULD BE HELPFUL FOR THE GROWERS.

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

SANDEA, WITH FOLIAR, BAND APPLICATION FROM A BOOM SPRAYER, TBD ON APPLICATION NUMBER, RETREATMENT INTERVAL, AND PHI.

HQ Comments:

LACK OF SUPPORT FROM MFG DUE TO CROP INJURY.

Nomination Justification:

(2021 FL) Citrus only have limited non-selective POST herbicide options with systemic activity; the possibility of adding new systemic a.i options would be helpful for growers.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; HALOSULFURON, A SYSTEMIC HERBICIDE ACTIVE INGREDIENT, CAN POTENTIALLY MANAGE PERENNIAL TUBEROUS SEDGES AND BROAD-LEAVED WEEDS GROWING IN THE TREE ROWS OR UNDER THE CANOPY IN FLORIDA'S (FL) CITRUS PRODUCTION. MANY BROADLEAVED WEEDS, INCLUDING SPANISH NEEDLES (BIDENS ALBA), PARTHENIUM (PARTHENIUM HYSTEROPHORUS), HORSEWEED (CONYZA CANADENSIS) ETC., WHICH ARE AMONG THE TOP WEEDS IN FL CITRUS IS SHOWING TOLERANCE TO HERBICIDE ACTIVE INGREDIENTS LIKE GLYPHOSATE IS AMONG THE WEED MANAGEMENT CHALLENGES FACED BY THE GROWERS. THE LACK OF RESPONSE OF THESE WEEDS TO GLYPHOSATE IS WELL DOCUMENTED IN THE LITERATURE. ADDITIONALLY, HALOSULFURON, DUE TO ITS SYSTEMIC ACTIVITY, CAN BE UTILIZED IN COMBINATION WITH MOWING PRACTICES TO SUPPRESS THE GROWTH OF TALL-GROWING WEEDS (ESPECIALLY GRASSES) IN THE ROW-MIDDLE AREAS IN CITRUS ORCHARDS. THIS INTEGRATED WEED MANAGEMENT STRATEGY, ALSO KNOWN AS CHEMICAL MOWING, CURRENTLY UTILIZES SUB-LETHAL DOSES OF GLYPHOSATE AND IS GAINING POPULARITY AS AN INTEGRATED APP

IPM Comments from Nomination Process:

; Good Fit: This is a systemic herbicide that can be a useful tool in an integrated management program.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12722 *	PYROXASULFONE (KICHEM)	* PEAR (11-10=POME FRUIT GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: YELLOW NUTSEDGE, HERBICIDE-RESISTANCE ITALIAN RYEGRASS; FEW HERBICIDES AVAILABLE AND GROWERS RELY ON GLYPHOSATE AND HALOSULFURON; CONCERNS OF RESISTANCE EVOLVEMENT:05/19

REQ STATES OR PA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A	A			

PCR Use Pattern:

USE THE ZIDUA SC PRODUCT; MAKE A BROADCAST ORCHARD FLOOR APPLIC OF 6.5 FL OZ/A (0.212 LB AI/A) DURING THE DORMANT SEASON; APPLY DURING THE RAINY SEASON TO ACTIVATE PRODUCT; NO PHI NOTED

HQ Comments:

KEY EXPORT MARKETS NOTED AS MEXICO, CANADA; MFG SUPPORTS, RESIDUE AND PERFORMANCE DATA NEEDED:05/19; EPA GREEN:09/19; MFG CHANGED STATUS TO POTENTIAL, E/CS DATA BEFORE RESIDUE, AT FUW:09/24/19

Nomination Justification:

(2019 AR) Alternatives needed for yellow nutsedge control. Could aid in resistance management.;(2021 MD) see previous comments;(2021 MI) YELLOW NUTSEDGE, HERBICIDE-RESISTANCE ITALIAN RYEGRASS; FEW HERBICIDES AVAILABLE AND GROWERS RELY ON GLYPHOSATE AND HALOSULFURON; CONCERNS OF RESISTANCE EVOLVEMENT:05/19;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; PYROXASULFONE IS A GROUP 15 HERBICIDE WITH EFFICACY ON YELLOW NUTSEDGE AND ITALINA RYEGRASS; THIS HERBICIDE WOULD PROVIDE OPTIONS FOR GROWERS TO ROTATE MODES OF ACTION AND CONTROL THESE TWO IMPORTANT WEEDS:05/19; PER 2019 NOMINATION COMMENT: VERY GOOD FIT; WOULD ALLOW USE OF DIFFERENT MOA FOR RESISTANCE MANAGEMENT

IPM Comments from Nomination Process:

; Very Good Fit: see previous comments: Marylee Ross; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; PYROXASULFONE IS A GROUP 15 HERBICIDE WITH EFFICACY ON YELLOW NUTSEDGE AND ITALINA RYEGRASS; THIS HERBICIDE WOULD PROVIDE OPTIONS FOR GROWERS TO ROTATE MODES OF ACTION AND CONTROL THESE TWO IMPORTANT WEEDS:05/19; PER 2019 NOMINATION COMMENT: VERY GOOD FIT; WOULD ALLOW USE OF DIFFERENT MOA FOR RESISTANCE MANAGEMENT: Anthony VanWoerkom

Moretti, Marcelo	P19-OR-DMP	RECD	NONE	ZIDUA WG AT 4, 8 AND 16 OZ PROD/A SPRAYED ON EACH SIDE OF TREE ROW; NO INJURY OR SIGNIFICANT YIELD REDUCTION.
Moretti, Marcelo	P20-OR-DMP	RECD	NONE	SECOND YEAR TRIAL. ZIDUA AT 4, 8 AND 16 OZ PROD/A + REFER SPRAYED ON EACH SIDE OF THE TREE ROW; RESULTS SIMILAR TO 1ST YEAR – NO INJURY OR SIGNIFICANT YIELD REDUCTION.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13335 *	1-AMINOCYCLOPROPANE-1-CARBOXYLIC ACID (ACC) (VALBIO)	* PEAR (11-10=POME FRUIT GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: FLOWER/FRUIT THINNING, REDUCE LABOR COSTS FOR THINNING FLOWER AND FRUIT USING A NATURAL PRODUCT

REQ STATES CA OR WA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

ACCEDE; UNKNOWN DOSAGE RATE; AIR-BLAST 100 TO 150 GALLONS/A, 1 APPLICATION, PHI OF 60 DAYS; FOLLOW APPLE LABEL

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT, EXCELLENT FIT INTO CULTURAL PRACTICES AND PEST MANAGEMENT DURING BLOSSOM AND PETAL FALL PERIODS. THIS COULD HELP THE INDUSTRY STAY PROFITABLE WITH RISING LABOR COSTS. IT MAY REDUCE DISEASES SUCH AS FIRE BLIGHT.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13325 *	FLAZASULFURON (ISK)	* CHERRY (12-12A=CHERRY SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: ANNUAL BROADLEAF WEEDS, YELLOW NUTSEDGE, ANNUAL GRASSES, LACK OF ALTERNATIVES.

REQ STATES NC CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A	A		

PCR Use Pattern:

MISSION, 1.5 OZ/A; FOLIAR AND SOIL, 1 TO 2 APPLIC AND A RETREATMENT INTERVAL OF AT LEAST 30 DAYS; PHI OF 75 DAYS; APPLY A SPLIT APPLICATION ONCE IN THE FALL OR WINTER AND AGAIN IN THE SPRING.

HQ Comments:

AAFC-PMC CONDUCTED E/CS TRIALS IN 2020 AND 2021 AND RESIDUE TRIALS ARE PLANNED FOR 2022. CROP SAFETY TRIALS- ON SWEET CHERRY- 2 IN 2020 AND 1 IN 2021; PEACH- 2 IN 2020 AND 1 IN 2021; PLUM- 3 IN 2021. REGISTRANT CHANGED USE RATE AND DORMANT SPARY TIMING AFTER INJURY SEEN IN SOME 2020 TRIALS:08/21

Nomination Justification:

(2021 MI) ANNUAL BROADLEAF WEEDS, YELLOW NUTSEDGE, ANNUAL GRASSES, LACK OF ALTERNATIVES;(2021 FL) Lack of alternatives for nutsedge control in stone fruits; a.i. provides POST control of yellow nutsedge and has PRE activity on a number of weeds.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; APPLICATION TIMING COMPATIBLE WITH PEST MONITORING.

IPM Comments from Nomination Process:

; Good Fit: PER REQUESTOR, GOODFIT; APPLICATION TIMING COMPATIBLE WITH PEST MONITORING: Anthony VanWoerkom; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12574 *	QUINCLORAC (ADAMA,ALBAGH)	* CHERRY (12-12A=CHERRY SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL

REQ STATES MI OR

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

USE QUINSTAR 4L; APPLY FOLIAR TO EMERGED WEEDS THAT ARE WELL-ESTABLISHED; APPLY 0.375 LB AI/A IN A BAND DIRECTED TO THE SOIL AT THE BASE OF TREES ON EACH SIDE OF THE ROW, 2 APPLIC 15 DAYS APART; 30-DAY PHI; IF NEEDED INCLUDE 1% COC

HQ Comments:

JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; EPA GREEN:09/19 & 08/20; MFG CHANGED TO POTENTIAL AT FUW (NEED MORE PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK), AND CONFIRMED THEY WILL SUPPORT REGISTRATION/USE IN CA:09/20

Nomination Justification:

(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;;(2020 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;;;(2021 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;;(2020 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;;;;

IPM Comments from PCR:

PER REQUESTOR: GOOD IPM FIT; USED AT A LOW RATE COMPARED TO OTHER POSTEMERGENCE HERBICIDES FOR BINDWEED CONTROL:08/18

IPM Comments from Nomination Process:

; Good Fit: PER REQUESTOR: GOOD IPM FIT; USED AT A LOW RATE COMPARED TO OTHER POSTEMERGENCE HERBICIDES FOR BINDWEED CONTROL:08/18: Anthony VanWoerkom

	Zandstra, Dr. Bernard H.	P18-MI-DMP	RECD	NONE	QUINSTAR AT 0.375 LB AI/A + COC PO1 FOLLOWING PRINCEP PRE; EXCELLENT CROP TOLERANCE.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13334 *	1-AMINOCYCLOPROPANE-1-CARBOXYLIC ACID (ACC) (VALBIO)	* CHERRY (12-12A=CHERRY SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: FLOWER FRUIT THINNING, REDUCE LABOR COSTS FOR THINNING FLOWER AND FRUIT USING A NATURAL PRODUCT

REQ STATES CA OR CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

ACCEDE; UNKNOWN DOSAGE RATE; AIR-BLAST 100 TO 150 GALLONS/A, 1 APPLICATION, PHI OF 30 DAYS; FOLLOW PEACH/NECTARINE LABEL

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, EXCELLENT FIT INTO CULTURAL PRACTICES AND PEST MANAGEMENT DURING BLOSSOM AND PETAL FALL PERIODS. THIS COULD HELP THE INDUSTRY STAY PROFITABLE WITH RISING LABOR COSTS.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13323 *	FLAZASULFURON (ISK)	* PEACH (12-12B=PEACH SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: ANNUAL BROADLEAF WEEDS, YELLOW NUTSEDGE, ANNUAL GRASSES, LACK OF ALTERNATIVES.

REQ STATES NC CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A	A		

PCR Use Pattern:

MISSION, 1.5 OZ/A; FOLIAR AND SOIL, 1 TO 2 APPLIC AND A RETREATMENT INTERVAL OF AT LEAST 30 DAYS; PHI OF 75 DAYS; APPLY A SPLIT APPLICATION ONCE IN THE FALL OR WINTER AND AGAIN IN THE SPRING.

Nomination Justification:

(2021 MI) ANNUAL BROADLEAF WEEDS, YELLOW NUTSEDGE, ANNUAL GRASSES, LACK OF ALTERNATIVES. ;(2021 FL) Lack of alternatives for nutsedge control in stone fruits; a.i. provides POST control of yellow nutsedge and has PRE activity on a number of weeds.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; APPLICATION TIMING COMPATIBLE WITH PEST MONITORING.

IPM Comments from Nomination Process:

; Good Fit: PER REQUESTOR, GOODFIT; APPLICATION TIMING COMPATIBLE WITH PEST MONITORING.: Anthony VanWoerkom; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12572 *	QUINCLORAC (ADAMA,ALBAGH)	* PEACH (12-12B=PEACH SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL

REQ STATES MI OR PA AL

NorthEast Region	A	NorthCentral Region	A	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

USE QUINSTAR 4L; APPLY FOLIAR TO EMERGED WEEDS THAT ARE WELL-ESTABLISHED; APPLY 0.375 LB AI/A IN A BAND DIRECTED TO THE SOIL AT THE BASE OF TREES ON EACH SIDE OF THE ROW, 2 APPLIC 15 DAYS APART; 30-DAY PHI; IF NEEDED INCLUDE 1% COC

HQ Comments:

JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; EPA GREEN:09/19 & 08/20; MFG CHANGED TO POTENTIAL AT FUW (NEED MORE PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK), AND CONFIRMED THEY WILL SUPPORT REGISTRATION/USE IN CA:09/20

Nomination Justification:

(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;;(2020 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;; ;(2021 MD) see previous comments;(2021 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;; ;(2021 MD) see previous comments; ; Good Fit: see previous comments: Marylee Ross;(2021 FL) More efficacious weed control options are needed in peach.;

IPM Comments from PCR:

PER REQUESTOR: GOOD IPM FIT; USED AT A LOW RATE COMPARED TO OTHER POSTEMERGENCE HERBICIDES FOR BINDWEED CONTROL:08/18

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross; Good Fit: PER REQUESTOR: GOOD IPM FIT; USED AT A LOW RATE COMPARED TO OTHER POSTEMERGENCE HERBICIDES FOR BINDWEED CONTROL:08/18: Anthony VanWoerkom; Good Fit: See previous.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13324 *	FLAZASULFURON (ISK)	* PLUM (12-12C=PLUM SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: ANNUAL BROADLEAF WEEDS, YELLOW NUTSEDGE, ANNUAL GRASSES, LACK OF ALTERNATIVES.

REQ STATES NC CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A	A		

PCR Use Pattern:

MISSION, 1.5 OZ/A; FOLIAR AND SOIL, 1 TO 2 APPLIC AND A RETREATMENT INTERVAL OF AT LEAST 30 DAYS; PHI OF 75 DAYS; APPLY A SPLIT APPLICATION ONCE IN THE FALL OR WINTER AND AGAIN IN THE SPRING.

Nomination Justification:

(2021 MI) ANNUAL BROADLEAF WEEDS, YELLOW NUTSEDGE, ANNUAL GRASSES, LACK OF ALTERNATIVES. ;(2021 FL) Lack of alternatives for nutsedge control in stone fruits; a.i. provides POST control of yellow nutsedge and has PRE activity on a number of weeds.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; APPLICATION TIMING COMPATIBLE WITH PEST MONITORING.

IPM Comments from Nomination Process:

; Good Fit: PER REQUESTOR, GOODFIT; APPLICATION TIMING COMPATIBLE WITH PEST MONITORING. : Anthony VanWoerkom; Good Fit: See requestors comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12573 *	QUINCLORAC (ADAMA,ALBAGH)	* PLUM (12-12C=PLUM SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL

REQ STATES MI OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A	A	B	

PCR Use Pattern:

USE QUINSTAR 4L; APPLY FOLIAR TO EMERGED WEEDS THAT ARE WELL-ESTABLISHED; APPLY 0.375 LB AI/A IN A BAND DIRECTED TO THE SOIL AT THE BASE OF TREES ON EACH SIDE OF THE ROW, 2 APPLIC 15 DAYS APART; 30-DAY PHI; IF NEEDED INCLUDE 1% COC

HQ Comments:

JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; EPA GREEN:09/19 & 08/20; MFG CHANGED TO POTENTIAL AT FUW (NEED MORE PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK), AND CONFIRMED THEY WILL SUPPORT REGISTRATION/USE IN CA:09/20

Nomination Justification:

(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;
;(2020 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; ;;(2021 CA) See previous;(2021 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; ;(2020 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18;(2019 MI) (2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18, FIELD BINDWEED, HEDGEBINDWEED; CANADA THISTLE; BARNYARDGRASS; CRABGRASS; OTHER HERBICIDES ARE NOT AS EFFECTIVE AS QUINCLORAC FOR BINDWEED CONTROL;(2018 MI) JAPAN AND CHINA ARE KEY EXPORT MARKETS; BASF NO LONGER SUPPORTS THIS AI; ALBAUGH SUPPORTS, RESIDUE ONLY, BUT HAS NO PLAN TO REGISTER IN CA:08/18; ;;(2021 CA) See previous; ;(2021 FL) More efficacious weed control options are needed in plum.;

IPM Comments from PCR:

PER REQUESTOR: GOOD IPM FIT; USED AT A LOW RATE COMPARED TO OTHER POSTEMERGENCE HERBICIDES FOR BINDWEED CONTROL:08/18

IPM Comments from Nomination Process:

; Good Fit: PER REQUESTOR: GOOD IPM FIT; USED AT A LOW RATE COMPARED TO OTHER POSTEMERGENCE HERBICIDES FOR BINDWEED CONTROL:08/18: Anthony VanWoerkom; Good Fit: See previous.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13336 *	1-AMINOCYCLOPROPANE-1-CARBOXYLIC ACID (ACC) (VALBIO)	APRICOT (12-12C=PLUM SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: FLOWER/FRUIT THINNING, REDUCE LABOR COSTS FOR THINNING FLOWER AND FRUIT USING A NATURAL PRODUCT

REQ STATES CA CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

ACCEDE; UNKNOWN DOSAGE RATE; AIR-BLAST 100 TO 150 GALLONS/A, 1 APPLICATION, PHI OF 60 DAYS; FOLLOW PEACH/NECTARINE LABEL

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT, EXCELLENT FIT INTO CULTURAL PRACTICES AND PEST MANAGEMENT DURING BLOSSOM AND PETAL FALL PERIODS. THIS COULD HELP THE INDUSTRY STAY PROFITABLE WITH RISING LABOR COSTS. MAY HELP TO REDUCE EARLY SEASON FLOWER AND FRUIT DISEASES.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11128 *	TERBACIL (TKI)	* CANEBERRY (13-07A=CANEBERRY SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: ANNUAL AND PERENNIAL WEEDS; PER AR ME-TOO REQUEST: THERE IS A GREAT NEED FOR HERBICIDES THAT ARE SAFE ON NEWLY TRANSPLANTED CANEBERRIES

REQ STATES OH AR IN

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A	A		

PCR Use Pattern:

0.25-1.5 LB AI/A; 1-3 APPLIC TO THE SOIL IMMEDIATELY AFTER TRANSPLANTING

HQ Comments:

REQUEST IS TO REDUCE THE CURRENT LABELED USE RATE OF TERBACIL - RATES ARE TOO HIGH FOR NEW PLANTINGS; SINBAR 80WDG IS LABELED ON 1-YR-OLD OR OLDER CANEBERRIES AT 1-2 LB PRODUCT (0.8-1.6 LB AI)/A:08/13; MFG TO EXPLORE MAKING LABEL CHANGE AS NEEDED TO MEET THIS USE PATTERN, WHICH IS COVERED BY THE EXISTING TOLERANCE:07/14; IS NOT A MFG OBJECTIVE, AND MFG CHANGED STATUS TO POTENTIAL:07/20

Nomination Justification:

(2013 NC) Need for PRE control as well as enhanced POST activity for expanded control when tank mixed with paraquat ;(2020 FL) There is a great need for herbicides that are safe on newly transplanted caneberries.;(2020 MI) (2013 NC) Need for PRE control as well as enhanced POST activity for expanded control when tank mixed with paraquat ;(2020 FL) There is a great need for herbicides that are safe on newly transplanted caneberries.; ANNUAL AND PERENNIAL WEEDS;(2021 MI) (2013 NC) Need for PRE control as well as enhanced POST activity for expanded control when tank mixed with paraquat ;(2020 FL) There is a great need for herbicides that are safe on newly transplanted caneberries.;(2020 MI) (2013 NC) Need for PRE control as well as enhanced POST activity for expanded control when tank mixed with paraquat ;(2020 FL) There is a great need for herbicides that are safe on newly transplanted caneberries.; ANNUAL AND PERENNIAL WEEDS;;(2021 FL) See previous comments.;

IPM Comments from Nomination Process:

; Unknown: : Anthony VanWoerkom

Doohan, D.	P11-OH-DMP	RECD	-	THREE TRIALS ON 3 BRAMBLE VARIETIES FROM 2009-2011. 1.2 LB AI/A PRE; GOOD CROP TOLERANCE; NO SIGNIFICANT REDUCTION IN PLANT BIOMASS OR YIELD

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13332	2,4-D CHOLINE (CORTEVA)	* CANEBERRY (BLACKBERRY) (13-07A=CANEBERRY SUBGROUP)	UNDER EVALUATION

Reasons for need: WEEDS, LIMITED HERBICIDES AVAILABLE TO CONTROL PROBLEMATIC BROADLEAF WEEDS.

REQ STATES NC

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

EMBED EXTRA, 1 TO 2 PINTS/A; DIRECTED TO BUSHES, WITH 1 OR 2 APPLICATIONS, A RETREATMENT INTERVAL OF AT LEAST 30 DAYS, AND A PHI OF 30 DAYS; APPLY IN DORMANT STAGE AND AGAIN IN EARLY SPRING, LIMIT CONTACT WITH FOLIAGE.

Nomination Justification:

(2021 FL) Needed for control of problematic broadleaf weeds, particularly of interest for control of broadleaf weeds in the seeded ryegrass growing between raised plastic mulch beds.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; PROVIDES CONTROL OF WEEDS THAT ARE DIFFICULT TO CONTROL.

IPM Comments from Nomination Process:

; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13287	FLORPYRAUXIFEN-BENZYL (CORTEVA)	* GRAPE (13-07F=SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT)	UNDER EVALUATION

Reasons for need: GRASSES, DICOTS, CANADA THISTLE, FIELD BINDWEED; HELP MANAGE GLYPHOSATE-RESISTANCE WEEDS LIKE CONYZA SP, AND OTHER SPECIES

REQ STATES OR CA MI

NorthEast Region	NorthCentral Region		Southern Region	Western Region	Reduced Risk
		A			

PCR Use Pattern:

0.026 TO 0.053 LB AI/A; BANDED APPLICATION DIRECTED TO THE BASE; 3 APPLICATIONS WITH A RE-TREATMENT INTERVAL OF 30 DAYS; DO NOT TREAT CROP FOLIAGE; UNCLEAR IF AN APPLICATION TO GRAPE SUCKERS COULD DAMAGE THE CROP;

Nomination Justification:

(2021 MI) GRASSES, DICOTS, CANADA THISTLE, FIELD BINDWEED; HELP MANAGE GLYPHOSATE-RESISTANCE WEEDS LIKE CONYZA SP, AND OTHER SPECIES;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT, LOW TOXICITY, NEW MODE OF ACTION (GROUP 4) FOR GRASSES

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR, VERYGOODFIT, LOW TOXICITY, NEW MODE OF ACTION (GROUP 4) FOR GRASSES: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13304	2,4-D CHOLINE (CORTEVA)	* STRAWBERRY (13-07G=LOW GROWING BERRY SUBGROUP)	UNDER EVALUATION

Reasons for need: WINTER ANNUALS, NO SELECTIVE POSTEMERGENCE HERBICIDES ARE REGISTERED FOR BROADLEAF WEED CONTROL IN STRAWBERRY ROW MIDDLES THAT DO NOT KILL THE RYEGRASS.

REQ STATES NC

NorthEast Region **NorthCentral Region** **Southern Region** A **Western Region**

Reduced Risk

PCR Use Pattern:

EMBED EXTRA, 1 TO 2 PINTS/ACRE; BROADCAST TO ROW MIDDLES ONLY, AVOID CONTZCT WITH THE CROP; 1 TO 2 APPLICATIONS WITH A RETREATMENT INTERVAL OF AT LEAST 30 DAYS AND A PHI OF 30 DAYS; APPLY 1 OR 2 PINT/ACRE IN WINTER AND AGAIN IN SPRING, AVOIDING CONTACT WITH THE CROP.

Nomination Justification:

(2021 FL) Needed for control of problematic broadleaf weeds, particularly of interest for control of broadleaf weeds in the seeded ryegrass growing between raised plastic mulch beds.;

IPM Comments from PCR:

PER REQUESTOR GOODFIT, LACK OF ALTERNATIVES THAT CONTROL PROBLEMATIC WINTER ANNUALS.

IPM Comments from Nomination Process:

; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13322 *	FLAZASULFURON (ISK)	* STRAWBERRY (13-07G=LOW GROWING BERRY SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: YELLOW NUTSEDGE, BROADLEAF WEEDS, ANNUAL GRASSES, LACK OF ALTERNATIVES

REQ STATES NC

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

MISSION, 1.5 OZ/A; PREPLANT TO RAISED BED, POST EMERGENCE OVER THE TOP, PRE EMERGENCE OR POST EMERGENCE TO ROW MIDDLES, 1 APPLIC AND LIKELY 75 DAY PHI.

Nomination Justification:

(2021 FL) Lack of alternatives for nutsedge control in berries; a.i. provides POST control of yellow nutsedge and has PRE activity on a number of weeds.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT, LIMITED MANAGEMENT STRATEGIES AVAILABLE FOR WEED MANAGEMENT IN STRAWBERRIES GROWN IN ANNUAL PLASTICULTURE SYSTEMS

IPM Comments from Nomination Process:

; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12579 *	FLUMIOXAZIN + PYROXASULFONE (KICHEM,VALENT)	* STRAWBERRY (13-07G=LOW GROWING BERRY SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: WEEDS IN ROW MIDDLES; IMPROVED SPECTRUM OF CONTROL OVER CURRENTLY REGISTERED PRODUCTS

REQ STATES FL SC OR AL

NorthEast Region	B	NorthCentral Region		Southern Region	A	Western Region	A	Reduced Risk

PCR Use Pattern:

REQUESTOR INDICATED THE PRODUCT AS COBRA (LACTOFEN), BUT THE AI IS SPECIFIED AS FLUMIOXAZIN + PYROXASULFONE, WHICH IS THE FIERCE PRODUCT; USE PATTERN GIVEN IS: MAKE 2 SOIL OR FOLIAR APPLIC, 14 DAYS APART; APPLY AS A PRE TO SOIL OR AS A POST ON PLANTS LESS THAN 5 INCHES TALL; DO NOT ALLOW TO COME IN CONTACT WITH THE CROP; NO RATE OR PHI SPECIFIED; IR-4 SUGGESTS CONSIDERATION OF A 30-DAY INTERVAL BETWEEN APPLIC:07/20

HQ Comments:

TOLERANCE IS ESTABLISHED FOR FLUMIOXAZIN ON CROP SUBGROUP 13-07F, WITH STRAWBERRY AS THE REP CROP; NO KEY EXPORT MARKETS:07/18; VALENT AND KUMIAI SUPPORT, BUT KUMIAI REQUIRES PERFORMANCE DATA BEFORE APPROVAL FOR RESIDUE WORK:08/18

Nomination Justification:

(2019 MD) DE has 24C for Flumioxazin. There is some concern about crop injury in flooded conditions when water and/or soil particles are carried onto plastic mulch. DE and NJ would like to explore possibility to conduct a performance trial to look at use under flooded conditions.;(2020 FL) Dual ai product gives a broad spectrum of weed control; need for effective products to control weeds in strawberry row middles.;(2021 CA) See previous;(2021 FL) See previous comments.;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; MANY GROWERS ALREADY RELY ON FLUMIOXAZIN AND THIS PRODUCT GIVES A BROADER SPECTRUM OF CONTROL; ALSO A GOOD FIT FOR RESISTANCE MANAGEMENT:07/18

IPM Comments from Nomination Process:

; Very Good Fit: See previous.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11611 *	QUINCLORAC (ADAMA,ALBAGH)	* STRAWBERRY (13-07G=LOW GROWING BERRY SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: WEED CONTROL IN BETWEEN PLASTIC CULTURE ROWS; TO BE USED ALONG WITH SEEDING OF ANNUAL GRASS COVER CROP TO ELIMINATE ANNUAL WEEDS FROM SEED; ALSO FOR USE AS POSTEMERGENCE WEED CONTROL IN THE SAME SITUATION; NEEDED TO CONTROL FIELD BINDWEED IN BEARING PERENNIAL STRAWBERRY:01/17

REQ STATES GA FL OR

NorthEast Region	B	NorthCentral Region	A	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

USE THE FACET PRODUCT; MAX 2 APPLIC OF 0.25-0.50 LB AI/A, FIRST AT SEEDING OF COVER CROP (SUCH AS RYE, TURF TYPE) AND 2ND UP TO 60 DAYS LATER; 30-DAY PHI; KEEP DRIFT OFF OF STRAWBERRY PLANTS

HQ Comments:

TOLERANCE IS ESTABLISHED ON LOW GROWING BERRY, EXCEPT STRAWBERRY, CROP SUBGROUP 13-07H, AND QUINSTAR 4L SUPPLEMENTAL LABEL PROHIBITS USE ON STRAWBERRY:11/14; AT 2015 FUW, ADAMA CONFIRMED THEY WILL NOT SUPPORT THIS REQUEST; NEED TO CHECK WITH OTHER MFG:09/15; EPA GREEN:09/18 & 09/19; ADAMA WILL SUPPORT IF ALBAUGH DOESN'T:05/20; EPA GREEN: 08/20, 08/21

Nomination Justification:

(2015 FL) Needed for weed control between rows and to be used along with seeding of annual grass cover to eliminate annual weeds.;(2017 CA) Use in the PNW Post-emergence control of field bindweed in bearing perennial strawberries. 0.25 to 0.5 lb ai/A.;(2017 MI) Needed for bindweed and Canada thistle control.;(2017 MI) WEED CONTROL IN BETWEEN PLASTIC CULTURE ROWS; TO BE USED ALONG WITH SEEDING OF ANNUAL GRASS COVER CROP TO ELIMINATE ANNUAL WEEDS FROM SEED; ALSO FOR USE AS POSTEMERGENCE WEED CONTROL IN THE SAME SITUATION; NEEDED TO CONTROL FIELD BINDWEED IN BEARING PERENNIAL STRAWBERRY:01/17;(2019 MD) NJ interest;(2020 MI) (2015 FL) Needed for weed control between rows and to be used along with seeding of annual grass cover to eliminate annual weeds.;(2017 CA) Use in the PNW Post-emergence control of field bindweed in bearing perennial strawberries. 0.25 to 0.5 lb ai/A.;(2017 MI) Needed for bindweed and Canada thistle control.;(2017 MI) WEED CONTROL IN BETWEEN PLASTIC CULTURE ROWS; TO BE USED ALONG WITH SEEDING OF ANNUAL GRASS COVER CROP TO ELIMINATE ANNUAL WEEDS FROM SEED; ALSO FOR USE AS POSTEMERGENCE WEED CONTROL IN THE SAME SITUATION; NEEDED TO CONTROL FIELD BINDWEED IN BEARING PERENNIAL STRAWBERRY:01/17;(2019 MD) NJ interest;;(2021 CA) See previous;(2021 MI) (2015 FL) Needed for weed control between rows and to be used along with seeding of annual grass cover to eliminate annual weeds.;(2017 CA) Use in the PNW Post-emergence control of field bindweed in bearing perennial strawberries. 0.25 to 0.5 lb ai/A.;(2017 MI) Needed for bindweed and Canada thistle control.;(2017 MI) WEED CONTROL IN BETWEEN PLASTIC CULTURE ROWS; TO BE USED ALONG WITH SEEDING OF ANNUAL GRASS COVER CROP TO ELIMINATE ANNUAL WEEDS FROM SEED; ALSO FOR USE AS POSTEMERGENCE WEED CONTROL IN THE SAME SITUATION; NEEDED TO CONTROL FIELD BINDWEED IN BEARING PERENNIAL STRAWBERRY:01/17;(2019 MD) NJ interest;(2020 MI) (2015 FL) Needed for weed control between rows and to be used along with seeding of annual grass cover to eliminate annual weeds.;(2017 CA) Use in the PNW Post-emergence control of field bindweed in bearing perennial strawberries. 0.25 to 0.5 lb ai/A.;(2017 MI) Needed for bindweed and Canada thistle control.;(2017 MI) WEED CONTROL IN BETWEEN PLASTIC CULTURE ROWS; TO BE USED ALONG WITH SEEDING OF ANNUAL GRASS COVER CROP TO ELIMINATE ANNUAL WEEDS FROM SEED; ALSO FOR USE AS POSTEMERGENCE WEED CONTROL IN THE SAME SITUATION; NEEDED TO CONTROL FIELD BINDWEED IN BEARING PERENNIAL STRAWBERRY:01/17;(2019 MD) NJ interest;;(2021 CA) See previous;;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; ALLOWS FOR USE OF WEED FREE COVER CROPS IN PLASTIC CULTURE STRAWBERRIES, SUCH AS ANNUAL RYEGRASS USED IN YOU-PICK SITUATIONS, WHICH MAKES THE PICKING EXPERIENCE MORE ENJOYABLE (NO NASTY WEEDS AND INSECTS THAT INFEST THE WEEDS, AND NO MUD WITH COVER CROP IN PLACE, ETC.):11/14; FROM NCR 2017 NOMINATION: GOOD IPM FIT; CONTROLS WEEDS NOT CONTROLLED BY OTHER HERBICIDES

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR: VERY GOOD IPM FIT; ALLOWS FOR USE OF WEED FREE COVER CROPS IN PLASTIC CULTURE STRAWBERRIES, SUCH AS ANNUAL RYEGRASS USED IN YOU-PICK SITUATIONS, WHICH MAKES THE PICKING EXPERIENCE MORE ENJOYABLE (NO NASTY WEEDS AND INSECTS THAT INFEST THE WEEDS, AND NO MUD WITH COVER CROP IN PLACE, ETC.):11/14; FROM NCR 2017 NOMINATION: GOOD IPM FIT; CONTROLS WEEDS NOT CONTROLLED BY OTHER HERBICIDES: Anthony VanWoerkom

	Peachey, Ed	P17-OR-DMP	RECD	NONE	8.4 FL OZ/A APPLIED 1 DAY POST-TP TO PERENNIAL STRAWBERRY; EXCELLENT CROP SAFETY; EQUAL TO THE STANDARD PENDIMETHALIN.
	Zandstra, Dr. Bernard H.	P18-MI-DMP	RECD	NONE	0.25 LB AI/A + COC POST DIRECTED; GOOD CROP TOLERANCE.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13168	PYROXASULFONE (KICHEM)	* CRANBERRY (13-07H=LOW GROWING BERRY SUBGROUP, EXCEPT STRAWBERRY)	UNDER EVALUATION

Reasons for need: DODDER, GRASSES, OTHER CURRENTLY LABELED WEEDS SUCH AS SEDGES, HORSEWEED, ETC; PREEMERGENCE CONTROL OF TOP PRIORITY WEEDS SUCH AS DODDER AND GRASSES; PER NJ ME-TOO REQUEST: THIS NEW MOA HERBICIDE WOULD HELP IN ROTATION FOR RESISTANCE MANAGEMENT; ALSO IS A POTENTIALLY INTERESTING HERBICIDE FOR CAROLINA REDROOT CONTROL, THE #1 WEED ISSUE IN NJ CRANBERRIES

REQ STATES MA NJ OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A	A		A	

PCR Use Pattern:

USE THE ZIDUA PRODUCT; MAKE 1 PRE-EMERGENCE SURFACE APPLIC, VIA CHEMIGATION OR BROADCAST SPRAY, OF 2.75 OZ PRODUCT/A (OF THE 85% AI PRODUCT, OR 2.34 OZ AI/A), 60-DAY PHI; APPLY PRIOR TO BUDBREAK (BEFORE CABBAGE HEAD STAGE); HIGHER RATES WOULD ALSO LIKELY BE SAFE

HQ Comments:

KEY EXPORT MARKETS INCLUDE EU, CANADA, AUSTRALIA, JAPAN, KOREA, CODEX:08/20; EPA GREEN:08/21

Nomination Justification:

(2020 MD) see requester's comments;(2020 MD) New MoA with no current label on cranberry - help rotating MoA on a herbicide resuistance management prospect - potentially interesting herbicide for Carolina redroot control, the #1 weed issue in NJ cranberry bogs (By Marylee Ross);(2020 NJ) Preliminary research in MA has shown good crop tolerance. Potentially interesting herbicide for Carolina redroot control, the #1 weed issue in NJ cranberry bogs with severe impact on fruit yield and quality. Very interesting herbicide for grass control (excellent control of fall panicum) and potential for controlling various annual sedge species.;(2021 CA) See previous;(2021 MD) see previous comments;(2021 MI) DODDER, GRASSES, OTHER CURRENTLY LABELED WEEDS SUCH AS SEDGES, HORSEWEED, ETC; PREEMERGENCE CONTROL OF TOP PRIORITY WEEDS SUCH AS DODDER AND GRASSES; PER NJ ME-TOO REQUEST: THIS NEW MOA HERBICIDE WOULD HELP IN ROTATION FOR RESISTANCE MANAGEMENT; ALSO IS A POTENTIALLY INTERESTING HERBICIDE FOR CAROLINA REDROOT CONTROL, THE #1 WEED ISSUE IN NJ CRANBERRIES;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; RESISTANCE MANAGEMENT PRACTICES (NO CURRENT GROUP 15 HERBICIDE REGISTERED IN CRANBERRY):08/20; PER 2020 NER NOMINATION COMMENT: NEW MOA WITH NO CURRENT LABEL ON CRANBERRY; HELP ROTATING MOA ON A HERBICIDE RESISTANCE MANAGEMENT PROSPECT; VERY LOW WATER SOLUBILITY FOR THIS HERBICIDE THAT WILL REQUIRE HIGH VOLUME OF WATER FOR PROPER ACTIVATION, WHICH IS TYPICALLY DONE IN CRANBERRY THROUGH FROST PROTECTION / SPRINKLER IRRIGATION; VERY INTERESTING IPM PROFILE FOR THIS HERBICIDE WITH LOW LEACHING POTENTIAL AND SHORT PERSISTENCE IN SOIL:08/20

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross; Good Fit: PER REQUESTER: GOOD IPM FIT; RESISTANCE MANAGEMENT PRACTICES (NO CURRENT GROUP 15 HERBICIDE REGISTERED IN CRANBERRY):08/20; PER 2020 NER NOMINATION COMMENT: NEW MOA WITH NO CURRENT LABEL ON CRANBERRY; HELP ROTATING MOA ON A HERBICIDE RESISTANCE MANAGEMENT PROSPECT; VERY LOW WATER SOLUBILITY FOR THIS HERBICIDE THAT WILL REQUIRE HIGH VOLUME OF WATER FOR PROPER ACTIVATION, WHICH IS TYPICALLY DONE IN CRANBERRY THROUGH FROST PROTECTION / SPRINKLER IRRIGATION; VERY INTERESTING IPM PROFILE FOR THIS HERBICIDE WITH LOW LEACHING POTENTIAL AND SHORT PERSISTENCE IN SOIL:08/20: Anthony VanWoerkom

	Sandler, Dr. Hilary	P20-MA-DMP	RECD	NONE	SEVEN TRIALS FROM 2016 – 2019. ZIDUA AT 2 AND 2.75 OZ PROD/A APPLIED PRE TO DORMANT CRANBERRY; EXCELLENT CROP SAFETY AND NO YIELD REDUCTION IN 2 FIELD TRIALS. SIGNIFICANT REDUCTION OF DODDER, BROOMSEDGE, LITTLE BLUESTEM AND DEER-TONGUE GRASS GERMINATION AND BIOMASS IN 5 GREENHOUSE STUDIES.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13065	NAA (AMVAC)	HAZELNUT (FILBERT) (14-12=TREE NUT GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: SUCKER CONTROL; NEED FOR SYSTEMIC LONG LASTING PRODUCT TO SUPPRESS SUCKER GROWTH AND REDUCE NUMBER OF SPRAYS, ALTERNATIVE TO 2,4-D DUE TO CROP SAFETY CONCERNS, REDUCED USE OF PARAQUAT

REQ STATES OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	
				A

Reduced Risk

PCR Use Pattern:

USE THE TREE-HOLD SPROUT INHIBITOR A-112 PRODUCT; MAKE 2 SOIL DIRECTED BASAL APPLIC OF A 1% AI SOLUTION, V/V, 28-DAY INTERVAL; NO PHI NOTED; APPLY AS A DIRECTED SPRAY TO THE LOWER TREE TRUNKS AND IMMEDIATE SURROUNDING AREA; MAKE 1ST APPPLIC WHEN SUCKERS ARE LESS THAN 1 INCH (USUALLY APRIL TO EARLY MAY IN THE WILLLAMETTE VALLEY); APPLY IN A DILUTE VOLUME OF UP TO 44 GPA, USING A NOZZLE THAT GENERATES COARSE DROPLETS, AND DIRECT THE SPRAY TO THE BASE OF THE TREES; IF NEEDED RE-APPLY IN 28 DAYS; DO NOT APPLY BY AIR; DO NOT ALLOW SPRAY TO SPLASH OR DRIP ONTO OTHER PARTS OF THE TREE

HQ Comments:

REQUESTOR NOTED CANADA AND CHINA AS KEY EXPORT MARKETS:06/20; AMVAC SUPPORTS (WITH QUALIFICATIONS); AMVAC REGULATORY BELIEVES THAT SOME MINOR ECO-RISK CONCERNS IN THE RISK ASSESSMENT LIKELY CAN BE OUTWEIGHED BY SUPPORTING BENEFITS; EPA CAUTION:08/20; AN SLN FOR USE IN OR WAS RECENTLY SUBMITTED:05/21; EPA GREEN:08/21

Nomination Justification:

(2020 CA) See previous;(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; NAA HAS LOWER VOLATILITY WHEN COMPARED TO 2,4-D, AND CAN BE USED SAFELY IN SEASON WITH REDUCED CONCERNS OF CROP DAMAGE; AS IT SUPPRESSES SUCKER GROWTH FOR UP TO FOUR WEEKS, IT CAN HELP REDUCE THE NUMBER OF APPLIC PER SEASON TARGETING SUCKERS:07/20

Moretti, Marcelo	P19-OR-DMP	RECD	NONE	TRIALS IN 3 LOCATIONS. TREE-HOLD AT 0.5, 1.0 AND 2.0% V/V, OR 1.0% V/V FB 1.0% V/V; OVERALL RESULTS CONFIRM EFFECTIVE SUPPRESSION OF SUCKER GROWTH, COMPARABLE TO 2,4-D. NO CROP INJURY.
Moretti, Marcelo	P20-OR-DMP	RECD	NONE	SECOND YEAR OF STUDY STARTED IN 2019, WITH TRIALS IN 3 LOCATIONS. TREE-HOLD AT 0.5, 1.0 AND 2.0% V/V, OR 1.0% V/V FB 1.0% V/V; OVERALL RESULTS IN 2019 AND 2020 CONFIRM EFFECTIVE SUPPRESSION OF SUCKER GROWTH, COMPARABLE TO 2,4-D. NO CROP INJURY.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
07883	PYRIDATE (BELCHIM)	* CORN (SWEET) (15-16=CEREAL GRAINS AND CEREAL GRAINS FORAGE/FODDER/STRAW GROUPS)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: BROADLEAF WEEDS; PER DE ME-TOO REQUEST: THE SHORT RESIDUAL CONTROL WITH PYRIDATE SHOULD ALLOW FOR DOUBLE CROPPING

REQ STATES NY DE

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

0.94 OR 0.045 + 0.045 LB AI/A; 60-DAY PHI (PER 08/20 DE ME-TOO REQUEST: A 60-DAY PHI IS LONG IN MOST AREAS, SO CONSIDER A 45-DAY OR SHORTER PHI)

HQ Comments:

MFG WILL PROVIDE DATA PKG:06/01; USE CANCELED:05/04; THERE IS NO TOLERANCE FOR SWEET CORN IN e-CFR, BUT THERE ARE TOLERANCES (ALL ARE 0.03 PPM) FOR FIELD CORN FOLIAGE, GRAIN AND STOVER; AND FOR POP CORN GRAIN AND STOVER; BELCHIM EXPECTS ADEQUATE CROP SAFETY AND IS SUPPPORTIVE OF PROCEEDING WITH SWEET CORN REGISTRATION OF THE EC FORMULATION; SWEET CORN WAS PREVIOUSLY REGISTERED IN CANADA AND IS INCLUDED ON THE PROPOSED CANADIAN LABEL; SOME NON-GLP CANADIAN RESIDUE DATA IS AVAILABLE:05/18; SOME CROP SAFETY DATA WOULD BE NEEDED BEFORE REGISTRATION:08/18; BELCHIM WILL PROVIDE IR-4 WITH INFO ABOUT CANADIAN DATA (LOCATION AND USE PATTERN) AND INFO FROM OLD US SWEET CORN STUDY:05/19; EPA PENDING:09/19; EPA CAUTION:08/20, 08/21

Nomination Justification:

(2019 MD) DE interest;(2020 MD) PHI needs to be shortened and assuming the rotation to other vegetables is short.;(2021 MD) see previous comments;

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

On-File	P01-NC-DMP	RECD	NONE	-	INJURY	

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13184	CLETHODIM (ADAMA,ARYSTA,VALENT)	* RICE (15-16=CEREAL GRAINS AND CEREAL GRAINS FORAGE/FODDER/STRAW GROUPS)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: RED RICE (ORYZA SATIVA) KNOWN AS WEEDY RICE BECAUSE 7 BIOTYPES HAVE BEEN IDENTIFIED; NO HERBICIDES REGISTERED ON RICE ARE EFFECTIVE IN CONTROL; ABOUT 2,000 ACRES ARE INFESTED; HOWEVER, THE WEEDY RICE HAS POTENTIAL TO BECOME A SIGNIFICANT PEST, DECREASING YIELD AND QUALITY; BEST MANAGEMENT PRACTICES WERE DEVELOPED WITH NO HERBICIDE LISTED OTHER THAN GLYPHOSATE FOR PREPLANT APPLIC; NO GLYPHOSATE APPLIC FOR FOLIAR USE OR SPOT TREATMENT PER LABEL CONDITIONS; PER ME TOO, ARKANSAS CURRENTLY HAS APPROXIMATELY 15-20% OF 1.5 MILLION RICE ACRES INFESTED WITH WEEDY RICE. OF THAT, 50% OF THE WEEDY RICE IS RESISTANT TO ALS HERBICIDES.:03/21;

REQ STATES CA AR LA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

USE THE SELECTMAX WITH INSIDE TECHNOLOGY PRODUCT; MAKE 1 FOLIAR APPLIC OF 2.6% AI (16 OZ/A OF 0.97 LB/GAL CLETHODIM); VIA GROUMD RIG, AT TILLERING THROUGH HEADING, BEFORE SEED IS FILLED, TO CONTROL THE WEEDY RICE PLANT; 14-DAY PHI; FOR SPOT TREATING, APPLY WITH HAND GUN SPRAYERS OR HIGH-VOLUME SPRAYERS UTILIZING HAND GUNS; USE A MINIMUM OF 5 GPA TO A MAXIMUM OF 40 GPA

HQ Comments:

JAPAN NOTED AS A KEY EXPORT MARKET:10/20; VALENT CONFIRMED SUPPORT OF THIS REQUEST, ONLY RESIDUE DATA NEEDED:11/20; ME TOO, AR, 03/21; EPA (HOLD) CAUTION: 08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; BEST MANAGEMENT PRACTICES WERE DEVELOPED WITH NO HERBICIDE LISTED FOR SPOT TREATMENT OF WEEDY RICE IN THE FIELD; ABOUT 500,000 ACRES OF RICE ARE GROWN IN CALIFORNIA; TOTAL ACREAGE INFESTED WITH WEEDY RICE IS 14,000-15,000 ACRES BY FIELD SIZE; OF THE INFESTED ACREAGE, 2,000 ACRES HAVE WEEDY RICE; THE INFORMATION WAS OBTAINED FROM GROWER SURVEYS OF PREVIOUSLY INFESTED FIELDS; POLLINATORS ARE NOT AN ISSUE BECAUSE RICE IS SELF POLLINATING; THE MANAGED BEE HIVES IN SURROUNDING CROPS HAVE BEEN MOVED APPROXIMATELY 3 MONTHS BEFORE THE FIRST CLETHODIM APPLIC WOULD TAKE PLACE; THE BENEFICIALS FOUND IN RICE FIELDS OFTEN INHABIT THE LEVEES SURROUNDING RICE CHECKS; WEED RICE HAS BEEN FOUND WELL INTO THE CHECK AND NOT ON THE LEVEES; CLETHODIM HAS LOW TOXICITY TO BENEFICIAL ORGANISMS AND IS SLIGHTLY TOXIC TO NON-TARGET ORGANISMS; FROM THE LABEL: ENVIRONMENTAL HAZARDS DO NOT APPLY DIRECTLY TO WATER, OR TO AREAS WHERE SURFACE WATER IS PRESENT OR TO INTERTIDAL AREAS BELOW THE MEAN HIGH-WATER MARK; DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR; DO NOT APPLY WHERE WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED; DO NOT CONTAMINATE WATER WHEN DISPOSING OF EQUIPMENT WASH WATER OR RINSATE; SPOT TREATMENT CAN BE BY GROUND RIG IN FIELDS WITH LARGE SPOTS OF WEEDY RICE WELL INTO THE RICE CHECK; MOST APPLIC WILL BE WITH EITHER A WAND OR BACKPACK SPRAYER TO SPECIFICALLY TARGET THE WEEDY RICE; THE CA CROP IMPROVEMENT ASSOC STAFF, FARM ADVISORS, PEST CONTROL ADVISERS, COUNTY AGRICULTURAL COMMISSIONER STAFF AND FARMERS MONITOR FOR THE PEST THROUGHOUT THE SEASON; CLETHODIM IS KNOWN TO BE PERSISTENT IN AQUATIC ENVIRONMENTS AND BREAKS DOWN QUICKLY IN UV LIGHT; RAPIDLY DEGRADED ON LEAF SURFACES BY AN ACID-CATALYSED REACTION AND PHOTOLYSIS; THE REMAINING CLETHODIM RAPIDLY PENETRATES THE CUTICLE AND ENTERS THE PLANT; NO RUN OFF OR DRIFT SHOULD OCCUR BASED ON THE APPLIC METHODS FOR SPOT TREATMENT:11/20

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13161	PINOXADEN (SYNGEN)	INTERMEDIATE WHEATGRASS (15-16=CEREAL GRAINS AND CEREAL GRAINS FORAGE/FODDER/STRAW GROUPS)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: GRASS WEEDS; GRASSY WEEDS CAN BE PROBLEMATIC DURING ESTABLISHMENT. ONCE THE CROP HAS EMERGED, THERE ARE ALMOST NO POST-EMERGENCE GRASS CONTROL OPTIONS

REQ STATES SD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

MAKE 1 FOLIAR BROADCAST APPLIC OF 0.05 LB AI/A, AT THE 2-LF STAGE UP TO PRE-BOOT

HQ Comments:

NO KEY EXPORT MARKET NOTED; PER IR-4 HQ, A CHEMSAC DECISION WILL ALLOW TOLERANCES ON WHEAT TO BE TRANSLATED TO INTERMEDIATE WHEATGRASS; THE REQUESTED RATE AND TIMING MATCH THE LABELED USE IN WHEAT:08/20; SYNG SUPPORTS THIS USE AS RESEARCHABLE, BUT EXPECTS NO RESIDUE WORK WILL BE NEEDED, AND THERE IS NO E/CS DATA BEING REQUIRED:09/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) GRASS WEEDS; GRASSY WEEDS CAN BE PROBLEMATIC DURING ESTABLISHMENT. ONCE THE CROP HAS EMERGED, THERE ARE ALMOST NO POST-EMERGENCE GRASS CONTROL OPTIONS;(2021 MI) GRASS WEEDS; GRASSY WEEDS CAN BE PROBLEMATIC DURING ESTABLISHMENT. ONCE THE CROP HAS EMERGED, THERE ARE ALMOST NO POST-EMERGENCE GRASS CONTROL OPTIONS;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; DIVERSIFYING CROP ROTATIONS PROMOTES IPM:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; DIVERSIFYING CROP ROTATIONS PROMOTES IPM:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13308 *	SAFLUFENACIL (BASF)	* CLOVER (SEED CROP) (18=NONGRASS ANIMAL FEEDS GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: BROADLEAF ANNUAL WINTER WEEDS (GROUNDSEL, CHICKWEED), REPLACEMENT FOR PARAQUAT

REQ STATES OR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	
				A

Reduced Risk Yes

PCR Use Pattern:

SHARPEN, 2 OZ PRODUCT/A; FOLIAR BROADCAST, 1 APPLICATION; APPLY IN THE DORMANT SEASON FOR POST EMERGENCE BROADLEAF WEED CONTROL IN RED AND WHITE CLOVER SEED PRODUCTION; APPLY ONLY WHEN FULLY DORMANT (FEBRUARY 15 OR EARLIER IN THE WILLAMETTE VALLEY). APPLY ONLY TO ESTABLISHED CLOVER (HAS GONE THROUGH A SEED HARVEST OR PLANTED 10 MONTHS OR MORE EARLIER); BASF RECOMMENDS ONE MORE YEAR OF 2 TRIALS (1 IN RED AND 1 IN WHITE CLOVER) AT 1X, 2X AND 3X RATES WHEN APPLIED WITH MSO AT 2 DIFFERENT APPLICATION TIMINGS IN WINTER DORMANCY. BASF WILL BEAR 50% OF COST IN TRIALS.: 08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR GOODFIT, THIS PRODUCT WOULD SERVE AS A REPLACEMENT FOR PARAQUAT IN CLOVER SEED PRODUCTION. PARAQUAT HAS APPLICATOR RISKS, HIGH MAMMALIAN TOXICITY, AND INCREASED REGULATORY REQUIREMENTS ASSOCIATED WITH IT.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13185 *	PRONAMIDE (CORTEVA)	* CANOLA (20A=RAPESEED SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: GRASS WEEDS, SPECIFICALLY ITALIAN GRASS; IN WINTER CANOLA PRODUCTION REGIONS OF THE U.S., ITALIAN RYEGRASS AND GRASS WEEDS GENERALLY ARE BECOMING LESS SENSITIVE AND IN MANY CASES RESISTANT TO MULTIPLE HERBICIDES; SEVERAL DIFFERENT HERBICIDE GROUPS WITH DISTINCT MODES OF ACTION REGISTERED FOR CANOLA, INCLUDING GLYPHOSATE, HAVE EXHIBITED PARTIAL OR COMPLETE LOSS OF EFFICACY; PRONAMIDE WOULD PROVIDE A MUCH-NEEDED, ALTERNATIVE MODE OF ACTION TO ENABLE CONTROL OF ITALIAN RYEGRASS AND OTHER GRASS WEEDS IN WINTER CANOLA AND PROVIDE A HERBICIDE STEWARDSHIP OPPORTUNITY FOR GROWERS TO DELAY THE ONSET OF RESISTANCE TO CURRENTLY REGISTERED CHEMISTRIES; AN ADDITIONAL AND NOVEL USE OF PRONAMIDE THAT IS BEING CONSIDERED IS ITS USE AS AN EARLY PRE ON SPRING CANOLA ACRES TO MITIGATE OVERWINTERING GRASS WEED POPULATIONS WHICH FOR MULTIPLE REASONS CAN BE DIFFICULT TO CONTROL EFFECTIVELY IN THE SPRING WITH GLYPHOSATE OR FOP/DIM CHEMISTRIES; THE TANGIBLE ECONOMIC BENEFIT OF CANOLA TO PRODUCERS IS EXTREMELY SIGNIFICANT; AND THE IMPORTANCE OF HAVING EFFECTIVE WEED CONTROL OPTIONS IS CRITICAL TO CONTINUED DOMESTIC PRODUCTION OF CANOLA THAT COUNTERS THE U.S. SUPPLY DEFICIT IN EDIBLE CANOLA OIL AND THE ENORMOUS CANOLA MEAL REQUIREMENTS OF THE DAIRY SECTOR

REQ STATES AZ

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

USE THE KERB PRODUCT; MAKE 1 FOLIAR APPLIC OF 0.75 LB AI/A, 180-DAY PHI; APPLY IN FALL OR EARLY WINTER, WHEN TEMPS DO NOT EXCEED 55 DEGREES, BUT PRIOR TO FREEZE-UP; RAIN, SNOW AND/OR IRRIGATION NEEDED TO MOVE THE PRODUCT INTO THE ROOTING ZONE OF GERMINATING WEEDS

HQ Comments:

NO KEY EXPORT MARKET NOTED; THERE ARE NO TOLERANCES FOR PRONAMIDE IN CROP GROUP 20:11/20

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD FIT; PRONAMIDE WOULD PROVIDE A NEW AND DIFFERENT MODE OF ACTION TO CONTROL RESISTANT ITALIAN RYEGRASS IN CROP ROTATIONS WITH CANOLA, AND POTENTIALLY REDUCE OVERALL HERBICIDE APPLIC; CROP AND CHEMICAL ROTATION ARE KEY COMPONENTS OF A SUCCESSFUL IPM PROGRAM; INCLUDING CANOLA TO DIVERSIFY TRADITIONAL WHEAT/CEREAL-ONLY ROTATIONS HAS PROVEN SUCCESSFUL, AND THE AVAILABILITY OF PRONAMIDE TO EFFECTIVELY CONTROL GRASS WEEDS THAT ARE RESISTANT TO HERBICIDES CURRENTLY REGISTERED FOR USE IN CANOLA WOULD PROVIDE A VALUABLE TOOL FOR GROWERS TO MAINTAIN SUCCESSFUL IPM PROGRAMS IN A WIDE GEOGRAPHIC RANGE:11/20

Davis, Jim B	P18-ID-DMP	RECD	NONE		PRONAMIDE 3.3SC AT 1, 2 AND 3 PT/A APPLIED TO ESTABLISHED CANOLA ON 10/25/16, AND SEEDED WITH WHEAT ON 10/4/17; NO INJURY AND YIELD EFFECT ON CANOLA; VISIBLE INJURY, WITH 15% YIELD REDUCTION, ON WHEAT ONLY AT 3 PT/A.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13145	2,4-D (DOWAGR,LOVLND,NUFARM)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	UNDER EVALUATION

Reasons for need: BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD MN IA ND

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

MAKE 1 FOLIAR BROADCAST APPLIC OF 0.95 LB AE/A, AT LEAST 7 DAYS PRIOR TO HARVEST; SOYBEANS GROWING UNDERNEATH THE CAMELINA MUST BE 2,4-D RESISTANT; MUST USE AN APPROVED FORMULATION OF 2,4-D

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; CORTEVA WILL NOT SUPPORT THIS USE:07/21; EPA CAUTION: 08/21;

Nomination Justification:

(2020 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA. IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA TO ALLOW FOR AN EARLIER HARVEST;;(2021 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA TO ALLOW FOR AN EARLIER HARVEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL SEVERAL WEEKS LATER AFTER CAMELINA HARVEST CAN REDUCE CHANCES FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL SEVERAL WEEKS LATER AFTER CAMELINA HARVEST CAN REDUCE CHANCES FOR HERBICIDE RESISTANCE:08/20 131: Anthony VanWoerkom

Betts, Kevin	P19-MN-DMP	RECD	NONE	THREE TRIALS FROM 2017 – 2019. SHREDDER AT 2 PT/A SPRAYED AT PRE-BOLT OR EARLY-BOLT STAGE; CAUSED PLANT DEATH.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13337	ACETOCHLOR (BAYER,DOWAGR)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	UNDER EVALUATION

Reasons for need: GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.

REQ STATES SD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

2.5 QT/AC, SOIL BROADCAST; APPLY PRIOR TO WEED EMERGENCE IN THE SPRING. APPLYING PRIOR TO THE CROP BREAKING DORMANCY MAY BE DIFFICULT, SO AN EARLY POST EMERGENCE APPLICATION IS ACCEPTABLE.; NEED AT LEAST 0.5 IN. RAINFALL WITHIN 10 DAYS OF APPLICATION. REDUCED RATES MAY BE NECESSARY ON MEDIUM AND COARSE TEXTURED SOILS.

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12338 *	BROMOXYNIL (BAYER,NUFARM)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL

REQ STATES SD ND MN

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

USE BUCTRIL, BROCLEAN, BROX OR MAESTRO PRODUCTS; MAKE FOLIAR BROADCAST APPLIC OF 0.25 LB AI/A, DURING VEGETATIVE STAGES IN THE SPRING

HQ Comments:

COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17; EPA HOLD:09/18; MADE UNDER EVAL FOR EPA REASSESSMENT:07/19; EPA CAUTION CHANGED TO EPA GREEN:09/19; NUFARM CHANGED TO POTENTIAL - NEED MUCH SUPPORTING DATA TO MAKE A DECISION:07/20; EPA GREEN:08/20; NUFARM MAY CONSIDER PROVIDING PRODUCT FOR A 3RD PARTY WILLING TO SEEK A 24C SLN LABEL:09/20

Efficacy/Crop Safety (E/CS) Data Required:

NUFARM NEEDS TO SEE MUCH SUPPORTING DATA TO MAKE A DECISION:07/20

Nomination Justification:

(2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;(2019 MI) 2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;;(2020 MI) (2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;(2019 MI) 2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;;;(2021 MI) (2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;(2019 MI) 2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;;(2020 MI) (2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;(2019 MI) 2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. Currently, there are no herbicides labeled for post-emergence broadleaf control in camelina.;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17,DANDELIONS AND OTHER BROADLEAF WEEDS - NO LABELED HERBICIDES FOR BROADLEAF CONTROL;(2018 MI) COULD BE COVERED WITH OILSEED CROP SUBGROUP 20A, BUT THERE IS NO ESTABLISHED TOLERANCE:08/17;;;;

IPM Comments from PCR:

PER REQUESTOR: VERY GOOD IPM FIT; RESEARCH IN MN WITH A WINTER CAMELINA/SOYBEAN CROPPING SYSTEM HAS SHOWN POTENTIAL; COMPETITION FROM CAMELINA COULD SUPPRESS MANY WEED SPECIES THAT HAVE BECOME RESISTANT TO MANY HERBICIDES COMMONLY USED IN SOYBEAN PRODUCTION, LIKE GLYPHOSATE:08/17; FROM NCR 2017 NOMINATION: VERY GOOD IPM FIT; ADDING MORE CROPS TO A ROTATION HELPS TO ENHANCE IPM

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR: VERY GOOD IPM FIT; RESEARCH IN MN WITH A WINTER CAMELINA/SOYBEAN CROPPING SYSTEM HAS SHOWN POTENTIAL; COMPETITION FROM CAMELINA COULD SUPPRESS MANY WEED SPECIES THAT HAVE BECOME RESISTANT TO MANY HERBICIDES COMMONLY USED IN SOYBEAN PRODUCTION, LIKE GLYPHOSATE:08/17; FROM NCR 2017 NOMINATION: VERY GOOD IPM FIT; ADDING MORE CROPS TO A ROTATION HELPS TO ENHANCE IPM: Anthony VanWoerkom

	Betts, Kevin	P19-MN-DMP	RECD	NONE	THREE TRIALS IN 2018 AND 2019. BUCTRIL AT 1.5 PT/A APPLIED PRE-BOLT OR EARLY-BOLT TO WINTER CAMELINA; FAIR CROP TOLERANCE.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13144	DICAMBA (ARYSTA,BASF,CORTEVA)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	UNDER EVALUATION

Reasons for need: BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA TO ALLOW FOR AN EARLIER HARVEST; EPA CAUTION: 08/21;

REQ STATES SD

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

MAKE A FOLIAR BROADCAST APPLIC OF 0.5 LB AE/A, AT LEAST 7 DAYS PRIOR TO HARVEST; SOYBEANS GROWING UNDERNEATH THE CAMELINA MUST BE DICAMBA-RESISTANT; MUST USE AN APPROVED FORMULATION OF DICAMBA

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; IF IT DOES NOT INVOLVE 2,4-D TOLERANT TRAITS THEN CORTEVA DEFERS TO BASF:6/21

Nomination Justification:

(2021 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA TO ALLOW FOR AN EARLIER HARVEST; EPA CAUTION: 08/21;;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL SEVERAL WEEKS LATER AFTER CAMELINA HARVEST SLOWS HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL SEVERAL WEEKS LATER AFTER CAMELINA HARVEST SLOWS HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13164	DIMETHENAMID-P (BASF)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	UNDER EVALUATION

Reasons for need: GRASS AND BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

USE THE OUTLOOK PRODUCT; MAKE A PRELANT OR PREEMERGENCE BEFORE WEEDS EMERGE APPLIC OF 0.94 LB AI/A; NEEDS RAINFALL FOR INCORPORATION (IR-4 HQ SUGGESTS THE APPLIC BE MADE 1) LATE POSTEMERGENCE TO CAMELINA, PRIOR TO BOLTING, 2) PRIOR TO SEEDING OR EMERGENCE OF SOYBEAN, AND 3) PRIOR TO WEED EMERGENCE)

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; EPA CAUTION: 08/21;

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13152 *	FOMESAFEN (SYNGEN)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD MN ND

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

MAKE 1 FOLIAR BROADCAST APPLIC OF 0.235 LB AI/A, AT LEAST 7 DAYS PRIOR TO HARVEST; NOT ALLOWED TO BE USED IN CERTAIN REGIONS

HQ Comments:

NO KEY EXPORT MARKET NOTED; THE REQUESTED RATE FITS CERTAIN REGIONS ON THE REFLEX LABEL, BUT NOT ALL:08/20; SYNG SUPPORTS, WITH CROP SAFETY DATA NEEDED BEFORE APPROVAL FOR RESIDUE WORK; MUST BE AWARE OF REGIONAL USE RESTRICTIONS FOR REFLEX:09/20

Nomination Justification:

(2020 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA. THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS). IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST;(2021 MI) (2020 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA. THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS). IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST;;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20 : Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13155	LACTOFEN (VALENT)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD MN

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

MAKE 1 FOLIAR BROADCAST APPLIC OF 0.2 LB AI/A, AT LEAST 7 DAYS BEFORE HARVEST; RESULTS MAY DEPEND ON ADJUVANTS

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; VALENT SUPPORTS THIS REQUEST, RESIDUE AND E/CS DATA NEEDED:09/20; PER VALENT , NO E/CS DATA ARE NEEDED:04/21; EPA GREEN:08/21

Nomination Justification:

(2020 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA. THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS). IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST;(2021 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH CAMELINA HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE CAMELINA; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE CAMELINA CROP TO ALLOW FOR AN EARLIER HARVEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER CAMELINA HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13339 *	PYROXASULFONE (KICHEM)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.

REQ STATES SD

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

ZIDUA, 4 OZ/AC, SOIL BROADCAST; APPLY PRIOR TO WEED EMERGENCE IN THE SPRING. APPLYING PRIOR TO THE CROP BREAKING DORMANCY MAY BE DIFFICULT, SO AN EARLY POST EMERGENCE APPLICATION IS ACCEPTABLE; NEED AT LEAST 0.5 IN. RAINFALL WITHIN 10 DAYS OF APPLICATION. REDUCED RATES MAY BE NECESSARY ON MEDIUM AND COARSE TEXTURED SOILS.

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10211	QUINCLORAC (ADAMA,ALBAGH)	GOLD-OF-PLEASURE (CAMELINA) (20A=RAPESEED SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: BROADLEAF WEEDS, SUCH AS KOCHIA, PRICKLY LETTUCE, COMMON RAGWEED

REQ STATES OR WA MT SD ND CA

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

0.23 LB AI/A; FOLIAR APPLIC WHEN CROP IS 2-8 INCHES TALL WITH CROP OIL CONCENTRATE AT 1% V/V; 1 APPLIC; 50-DAY PHI; IF WEEDS ARE TOO TALL NO CONTROL WILL BE GAINED

HQ Comments:

ALBAUGH WILL SUPPORT:08/09;ADAMA WILL SUPPORT IF ALBAUGH DOESN'T:04/18; EPA GREEN:09/18 & 09/19 & 08/20, 08/21

Nomination Justification:

(2015 SD) need more good EC/S data for oil seed crops;(2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. This herbicide would be used preemergence in the Fall to provide residual control of several grass and broadleaf species the following spring.;(2018 MI) ALBAUGH WILL SUPPORT:08/09, BROADLEAF WEEDS, SUCH AS KOCHIA, PRICKLY LETTUCE, COMMON RAGWEED;(2018 MI) ALBAUGH WILL SUPPORT:08/09;(2019 MI) (2015 SD) need more good EC/S data for oil seed crops;(2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. This herbicide would be used preemergence in the Fall to provide residual control of several grass and broadleaf species the following spring.;(2018 MI) ALBAUGH WILL SUPPORT:08/09, BROADLEAF WEEDS, SUCH AS KOCHIA, PRICKLY LETTUCE, COMMON RAGWEED;(2018 MI) ALBAUGH WILL SUPPORT:08/09;;(2021 MI) (2015 SD) need more good EC/S data for oil seed crops;(2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. This herbicide would be used preemergence in the Fall to provide residual control of several grass and broadleaf species the following spring.;(2018 MI) ALBAUGH WILL SUPPORT:08/09, BROADLEAF WEEDS, SUCH AS KOCHIA, PRICKLY LETTUCE, COMMON RAGWEED;(2018 MI) ALBAUGH WILL SUPPORT:08/09;(2019 MI) (2015 SD) need more good EC/S data for oil seed crops;(2017 SD) Research in MN has shown good potential for a winter camelina/soybean double-cropping system. This could add revenue to a cropping season that would otherwise only grow soybean. This herbicide would be used preemergence in the Fall to provide residual control of several grass and broadleaf species the following spring.;(2018 MI) ALBAUGH WILL SUPPORT:08/09, BROADLEAF WEEDS, SUCH AS KOCHIA, PRICKLY LETTUCE, COMMON RAGWEED;(2018 MI) ALBAUGH WILL SUPPORT:08/09;;;

IPM Comments from PCR:

FROM WSR 2017 NOMINATION: VERY GOOD IPM FIT; ADDING ANOTHER CROP TO THE ROTATION CAN ENHANCE IPM

IPM Comments from Nomination Process:

; Very Good Fit: FROM WSR 2017 NOMINATION: VERY GOOD IPM FIT; ADDING ANOTHER CROP TO THE ROTATION CAN ENHANCE IPM: Anthony VanWoerkom

	Stougaard, B.	P09-MT-DMP	RECD	-	0.25, 0.5 AND 0.75 LB AI/A PRE; 0, 7 AND 8 % INJURY, 0, 10 AND 3 % STUNTING
	Jha, P.	P11-MD-DMP	RECD		FOUR TRIALS FROM 2009-2011 ON KALISPELL VERY FINE SANDY LOAM AND FORT COLLINS CLAY LOAM SOILS. 0.25, 0.5 AND 0.75 LB AI/A PRE; NO SIGNIFICANT INJURY AND NO NEGATIVE EFFECT ON PLANT DENSITY, BIOMASS, FLOWERING AND YIELD; SAFEST HERBICIDE TESTED

Hanson, Brad	P14-CA-DMP	RECD	TWO TRIALS ON LOAM SOIL AND CLAY SOIL ON 3 VARIETIES (CS11, CS14 AND SO-50); 0.38 LB AI/A PPI; AVERAGE INJURY NOT SIGNIFICANTLY DIFFERENT FROM UNTREATED

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13327	CLOMAZONE (FMC)	SESAME (20A=RAPESEED SUBGROUP)	UNDER EVALUATION

Reasons for need: ANNUAL GRASSES AND BROADLEAF WEEDS - EFFECTIVE ON PROBLEMATIC SPECIES IN BOTH CATEGORIES. CURRENTLY NO GROUP 13 HERBICIDE IS LABELED FOR USE IN SESAME. THIS BROADENS THE RANGE OF CONTROLLED WEEDS FOR A CROP WITH RELATIVELY FEW OPTIONS.

REQ STATES OK

NorthEast Region **NorthCentral Region** **Southern Region** A **Western Region**

Reduced Risk

PCR Use Pattern:

21.3 FL OZ/A; APPLIED AS A PREEMERGENCE, SOIL APPLIED; 1 APPLICATION WITH A PHI OF 90 DAYS; ONE APPLICATION PER SEASON OF 21.3 FL OZ AT OR JUST AFTER SESAME PLANTING, BUT PRIOR TO SESAME EMERGENCE. LIMITATION OF ONE APPLICATION PER YEAR AND 90 DAY PHI.

Nomination Justification:

(2021 FL) There are few broad spectrum herbicides registered for this crop.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT, WITH NO GROUP 13 HERBICIDES CURRENTLY LABELED, THIS WOULD REDUCE THE PRESSURE ON THE FEW EXISTING HERBICIDES, THUS LOWERING RESISTANCE DEVELOPMENT POTENTIAL.

IPM Comments from Nomination Process:

; Very Good Fit: See requestor's comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11537	ETHALFLURALIN (GOWAN,LOVLND)	SESAME (20A=RAPESEED SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: PIGWEED, JOHNSONGRASS, BARNYARDGRASS, TEXAS PANICU, VOLUNTEER WHEAT, CRABGRASS, WILD OATS; ONLY ONE PRODUCT IS LABELED FOR TARGET WEEDS ON SESAME, BUT IT IS NOT GOOD ON TX PANICUM; USE PATTERN REQUESTED PROVIDES VARIOUS LAYERS OF CONTROL AND DOES NOT DAMAGE SESAME

REQ STATES TX AL FL AR OK

NorthEast Region | **NorthCentral Region** | **Southern Region** A | **Western Region** | **Reduced Risk**

PCR Use Pattern:

POSTEMERGENCE; 2.0 PT/A OF SONALAN; SOIL: PREPLANT AND POST DIRECTED; FOLIAR AND SOIL FOR POST OVER THE TOP; ONE APPLIC; 60-DAY PHI

HQ Comments:

KEY EXPORT MARKET IS JAPAN; WILL COVER PR# 11183 FOR 90-DAY PHI; THERE IS A SUBGROUP 20A TOLERANCE ESTABLISHED; IF DATA FOR THIS USE DON'T EXCEED THE TOLERANCE, MFG WOULD NEED TO SUBMIT THE DATA; EPA (HOLD) CAUTION:08/14; MFG REQUIRES E/CS DATA TO PUT SESAME USE ON THE LABEL (SUBGROUP 20A TOLERANCE COVERS SESAME):06/15; EPA CAUTION:08/15; MFG PUT THIS ON HOLD UNTIL THEY MEET WITH SESAME GROWERS AND BETTER UNDERSTAND THE POST USE APPLICATION; RESIDUES WOULD BE NEEDED TO SUPPORT THE POST-EMERGENCE PART OF THIS REQUESTED USE PATTERN; PREPLANT/PREEMERGE USE IS LABELED (PR# 11183), SO THIS REQUEST DOES NOT COVER PR# 11183:08/18; MFG DID NOT GIVE CLEAR INDICATION THAT THIS COULD BE TAKEN OFF "HOLD":06/19; GOWAN REMOVED "HOLD" AND MADE THIS REQUEST "RESEARCHABLE" AND CROP SAFETY DATA ARE NEEDED; GOWAN CONFIRMED THAT ONLY CROP SAFETY DATA ARE NEEDED, AND THAT PHYTO OBSERVATIONS FROM RESIDUE TRIALS WILL SATISFY THAT NEED:01/20; EPA GREEN:08/20; MFG CHANGED STATUS TO RESIDUE ONLY:09/20; EPA CAUTION: 08/21;

Efficacy/Crop Safety (E/CS) Data Required:

GOWAN REQUESTED CROP SAFETY DATA (NO EFFICACY DATA NEEDED), AND THAT OBSERVATIONS IN RESIDUE TRIALS WILL BE SUFFICIENT:01/20

Nomination Justification:

(2014 FL) 60 day PHI; A preplant herbicide or as a post lay-by herbicide is needed to control weeds such as Texas panicum and other large seeded annual grasses. These weeds are not typically controlled by other preemergent herbicides.;(2020 FL) Need for additional products that are effective on target weeds in sesame including Texas Panicu; excellent crop safety on sesame.;(2021 FL) There are few broad spectrum herbicides registered for this crop.;

IPM Comments from PCR:

FROM SOR 2014 NOMINATION: GOOD IPM FIT; COMPATIBLE WITH IPM

IPM Comments from Nomination Process:

; Good Fit: See previous.: Janine Spies

	Grichar, W. James	P14-TX-DMP	RECD	NONE	SONALAN HFP AT 2 PT/A POST APPLIED AT 4, 5 AND 6 WEEKS AFTER PLANTING (WAP); EXCELLENT CROP SAFETY.
	Baughman, Todd A	P15-OK-DMP	RECD	NONE	SONALAN AT 1.5 PT/A POST APPLIED AT 2 AND 3 WEEKS AFTER PLANTING (WAP); EXCELLENT CROP SAFETY.

	Baughman, Todd A	P14-OK-DMP	RECD	NONE	SONALAN HFP AT 2 PT/A POST APPLIED AT 4, 5 AND 6 WEEKS AFTER PLANTING (WAP); EXCELLENT CROP SAFETY.
	Dotray, Peter	P15-TX-DMP	RECD	NONE	SONALAN AT 2 AND 4 PT/A POST APPLIED AT 14, 21 AND 28 DAYS AFTER PLANTING (DAP); MODERATE INITIAL INJURY WITH GOOD RECOVERY; NO SIGNIFICANT YIELD LOSS.
	Dotray, Peter	P15-TX-DMP	RECD	NONE	SONALAN AT 2 AND 4 PT/A POST APPLIED AT 14, 21 AND 28 DAYS AFTER PLANTING (DAP); MODERATE INITIAL INJURY WITH GOOD RECOVERY; NO SIGNIFICANT YIELD LOSS.
	Ducar, Joyce Tredaway	P15-AL-DMP	RECD	NONE	SONALAN AT 2 AND 4 PT/A POST APPLIED AT 30 DAYS AFTER PLANTING; NO INJURY; NO SIGNIFICANT DIFFERENCES IN YIELD BETWEEN TREATMENTS.
	Rose, Jack	P15-TX-DMP	RECD	NONE	SONALAN AT 2 AND 4 PT/A POST APPLIED AT 14, 21 AND 28 DAYS AFTER PLANTING (DAP); EXCELLENT CROP SAFETY; NO SIGNIFICANT YIELD LOSS.
	Price, Andrew	P15-AL-DMP	RECD	NONE	SONALAN AT 2 AND 4 PT/A POST APPLIED AT 2 AND 3 WEEKS AFTER PLANTING (WAP); GOOD CROP SAFETY.
	Rose, Jack	P15-TX-DMP	RECD	NONE	SONALAN AT 4 PT/A POST APPLIED AT 14 DAYS AFTER PLANTING; GOOD TO EXCELLENT CROP SAFETY ON ALL 8 VARIETIES TESTED.
	Rose, Jack	P15-TX-DMP	RECD	NONE	SONALAN AT 4 PT/A POST APPLIED AT 28 DAYS AFTER PLANTING; GOOD TO EXCELLENT CROP SAFETY ON ALL 8 VARIETIES TESTED.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11148	GLUFOSINATE (BASF,UPL NA)	SESAME (20A=RAPESEED SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: ROUNDUP READY COTTON AND GLYPHOSATE TOLERANT PIGWEED

REQ STATES TX CA OK

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

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

HQ Comments:

ORIGINAL REQUEST REC'D 9/7/2012; MFG HOLD:05/13; MFG DOES NOT SUPPORT USE AS A DESICCANT/HARVEST AID; MFG WILL REVISIT AFTER RE-REG REVIEW IS COMPLETED BY EPA:05/16; MFG CONFIRMED USE AS A HARVEST AID OR A 1-DAY PHI ARE NOT SUPPORTED; A 140-DAY AND 85-DAY PHI COULD PERHAPS BE SUPPORTED:08/16; EPA CAUTION:09/16; MFG SUPPORTS, WITH RESIDUE AND PERFORMANCE:05/17; EPA CAUTION:08/17; EPA CAUTION:09/18; AT 2018 FUW, BASF CHANGED STATUS FROM RESIDUE + E/CS TO POTENTIAL:09/18; MFG SUPPORTS PREPLANT, PRE EMERGE, PDIR WHEN USING SHIELDED SPRAYER. MFG DOES NOT SUPPORT THE HARVEST AID/ DESICCATION USE:06/21; BASF SUPPORTS THE PP AND PRE USES BUT REQUIRED CS DATA ON COARSE TEXTURED LOW OM SOILS WHEN OVERHEAD IRRIG. IS APPLIED IMMEDIATELY AFTER SEEDING FOR CROP EMERGENCE (4-5 TRIALS). BASF ALSO REQUESTS 3-4 CS TRIALS WHEN APPLIED SEQUENTIALLY, THAT IS, PRE OR PP FOLLOWED BY PDIR APPLIC OR 2 PDIR APPLIC.:07/21; CONSIDER TYING IT TO PR#09589; EPA GREEN:08/21

Efficacy/Crop Safety (E/CS) Data Required:

MFG HAS REQUESTED PERFORMANCE TRIALS AT 5 SITES, MULTIPLE VARIETIES:11/19

Nomination Justification:

(2018 TX) Sesame growers would benefit from additional MOA for both preplant burndown and post directed sprayer applications.;(2018 FL) ROUNDUP READY COTTON AND GLYPHOSATE TOLERANT PIGWEED
;(2019 FL) ROUNDUP READY COTTON AND GLYPHOSATE TOLERANT PIGWEED; AN ADDITIONAL MOA FOR PREPLANT BURNDOWN AND POST PLANTING DIRECTED APPLICATIONS WOULD AID IN RESISTANCE MANAGEMENT;(2021 FL) There are few broad spectrum herbicides registered for this crop; sesame tolerance to glufosinate was very good regardless if applied to the soil or directed; would be a valuable tool for growers for preplant burndown and post-planting directed applications.;

IPM Comments from PCR:

PER 2018 NOMINATION COMMENT: GOOD FIT: CONTROLS A BROAD SPECTRUM OF WEEDS, MANY WITH RESISTANCE MECHANISMS; RAPID DEGRADATION WITH TYPICAL FIELD HALF LIFE OF 7 DAYS; NON-TOXIC TO HONEY BEES

IPM Comments from Nomination Process:

; Good Fit: See previous comments.: Janine Spies

BATTS	Keeling, Dr. Wayne	P06-TX-DMP	RECD	NONE	IGNITE AT 0.52 LB AI/A APPLIED POST-DIRECT (2- AND 6-INCH HEIGHT); GOOD CROP SAFETY; NO SIGNIFICANT YIELD LOSS.

BATTS	Keeling, Dr. Wayne	P07-TX-DMP	RECD	NONE	IGNITE AT 0.52 LB AI/A APPLIED POST-DIRECT (2- AND 6-INCH HEIGHT); GOOD CROP SAFETY, NO YIELD LOSS WHEN APPLIED AT 2-IN HT; MODERATE INJURY AND SIGNIFICANT YIELD LOSS WHEN APPLIED AT 6-IN HT.
BATTS	Keeling, Dr. Wayne	P08-TX-DMP	RECD	NONE	IGNITE AT 0.52 LB AI/A APPLIED POST-DIRECT (14.5-INCH HEIGHT); GOOD CROP SAFETY; NO SIGNIFICANT YIELD LOSS.
BATTS	Grichar, W. James	P14-TX-DMP	RECD	NONE	IGNITE AT 0.52 LB AI/A APPLIED PREBURNDOWN; GOOD CROP SAFETY ON 10 VARIETIES TESTED; NO SIGNIFICANT YIELD LOSS.
BATTS	Grichar, W. James	P07-TX-DMP	RECD	NONE	IGNITE AT 0.52 LB AI/A APPLIED POST-DIRECT (2- AND 6-INCH HEIGHT); SLIGHT INJURY, NO SIGNIFICANT YIELD LOSS WHEN APPLIED AT 2-IN HT; MODERATE INJURY AND SIGNIFICANT YIELD LOSS WHEN APPLIED AT 6-IN HT.
BATTS	Grichar, W. James	P08-TX-DMP	RECD	NONE	IGNITE AT 0.52 LB AI/A APPLIED POST-DIRECT (18-INCH HEIGHT); MODERATE INITIAL INJURY WITH GOOD RECOVERY; NO SIGNIFICANT YIELD LOSS.
BATTS	Grichar, W. James	P14-TX-DMP	RECD	NONE	IGNITE AT 0.52 LB AI/A APPLIED PREPLANT; EXCELLENT CROP SAFETY; NO YIELD LOSS.
BATTS	Marconi, Cristina	P20-TXP01	RECD	NONE	TWO VARIETIES ('S39' AND 'S40') USED. RELY + AMS AT 86 FL OZ/A + AMS AT 6 LB/A BROADCAST TO SOIL 2 DAYS AND 7 DAYS BEFORE SEEDING AND IMMEDIATELY AFTER SEEDING, OR RELY + AMS AT 43 FL OZ/A + AMS AT 3 LB/A OR AT 86 + 6 LB/A DIRECTED TO ROW MIDDLES AT MID-BLOOM STAGE ON A SANDY CLAY LOAM SOIL; NO INJURY WITH PRE TREATMENTS, COMMERCIALLY ACCEPTABLE INJURY WITH DIRECTED POST TREATMENTS.
BATTS	Dotray, Peter	P20-TXP02	RECD	NONE	TWO VARIETIES ('S39' AND 'S40') USED. RELY + AMS AT 86 FL OZ/A + AMS AT 6 LB/A BROADCAST TO SOIL 3 DAYS AND 7 DAYS BEFORE SEEDING AND IMMEDIATELY AFTER SEEDING, OR RELY + AMS AT 43 FL OZ/A + AMS AT 3 LB/A OR AT 86 + 6 LB/A DIRECTED TO ROW MIDDLES AT MID-BLOOM STAGE ON A PULLMAN SANDY CLAY LOAM SOIL; NO INJURY WITH PRE TREATMENTS, MINOR INJURY WITH DIRECTED POST TREATMENTS. NO YIELD DIFFERENCES BETWEEN TREATMENTS.
BATTS	Carpenter, Dr Zac	P20-TXP03	RECD	NONE	TWO VARIETIES ('S39' AND 'S40') USED. RELY + AMS AT 86 FL OZ/A + AMS AT 6 LB/A BROADCAST TO SOIL AT 7, 10 AND 14 DAYS BEFORE CROP EMERGENCE, OR RELY + AMS AT 43 FL OZ/A + AMS AT 3 LB/A OR AT 86 + 6 LB/A DIRECTED TO ROW MIDDLES AT MID-BLOOM STAGE ON KNIPPA CLAY SOIL; NO INJURY WITH PRE TREATMENTS, COMMERCIALLY ACCEPTABLE INJURY WITH DIRECTED POST TREATMENTS. NO YIELD DIFFERENCES BETWEEN TREATMENTS.

BATTS	Carpenter, Dr Zac	P20-TXP04	RECD	NONE	TWO VARIETIES ('S39' AND 'S40') USED. RELY + AMS AT 86 FL OZ/A + AMS AT 6 LB/A BROADCAST TO SOIL AT 4, 7 AND 11 DAYS BEFORE CROP EMERGENCE, OR RELY + AMS AT 43 FL OZ/A + AMS AT 3 LB/A OR AT 86 + 6 LB/A DIRECTED TO ROW MIDDLES AT MID-BLOOM STAGE ON KNIPPA CLAY SOIL; NO INJURY WITH PRE TREATMENTS, COMMERCIALLY ACCEPTABLE INJURY WITH DIRECTED POST TREATMENTS. NO YIELD DIFFERENCES BETWEEN TREATMENTS.
BATTS	Carpenter, Dr Zac	P20-OKP01	RECD	NONE	TWO VARIETIES ('S39' AND 'S40') USED. RELY + AMS AT 86 FL OZ/A + AMS AT 6 LB/A BROADCAST TO SOIL AT 2 DAYS AND 7 DAYS BEFORE SEEDING AND IMMEDIATELY AFTER SEEDING, OR RELY AT 43 FL OZ/A + AMS AT 3 LB/A OR AT 86 + 6 LB/A DIRECTED TO ROW MIDDLES AT MID-BLOOM STAGE ON A SANDY CLAY LOAM SOIL; VIRTUALLY NO INJURY. NO YIELD DIFFERENCES BETWEEN TREATMENTS.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11951 *	PYROXASULFONE (KICHEM)	SESAME (20A=RAPESEED SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: WEEDS SUCH AS PIGWEED, JOHNSONGRASS, MORNING GLORY, CRABGRASS, KOCHIA, HORSEWEED

REQ STATES TX OK

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

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

HQ Comments:

JAPAN IS A KEY EXPORT MARKET; NEEDED TO CONTROL PROBLEM WEEDS AFTER SESAME EMERGENCE, BUT PRIOR TO WEED EMERGENCE (SEE PR# 11723 FOR PREEMERGENCE USE AT A LOWER RATE); MFG NEEDS TO SEE PERFORMANCE/CROP SAFETY OF OVER-THE-TOP BROADCAST EARLY POSTEMERGENCE APPLIC BEFORE APPROVAL FOR RESIDUE WORK:07/16; MFG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:10/12/16; MFG DECIDED MORE E/CS DATA ARE NEEDED BEFORE RESIDUE TRIALS, SO 2017 RESIDUE STUDY WILL NOT BE CONDUCTED:11/4/16; MFG MADE RESEARCHABLE, AND THE E/CS COMPONENT MAY BE DELETED PENDING MFG REVIEW OF EXTENSIVE PERFORMANCE DATA AVAILABLE; THIS POSTEMERGE USE PATTERN CAN COVER THE PREEMERGE/LOWER RATE USE PATTERN IN PR# 11723:07/18; MFG IS OK WITH PERFORMANCE DATA, AND ONLY NEEDS RESIDUE DATA:09/18; AT 2018 FUW, BASF CONFIRMED THEY DO NOT SUPPORT THIS USE, AS THE MARKETING PARTNER:09/18; WAS REPLACED BY PR# 12640, PYROXASULFONE + FLUMIOXAZIN, VIA A PRIORITY UPGRADE PROPOSAL:10/18; MFG RE-EXAMINING IF THIS CAN BE SUPPORTED:06/20; MFG NOW SUPPORTS THIS REQUEST AS POTENTIAL, AND WILL REQUIRE 3X RATE CROP SAFETY DATA BEFORE MAKING A DECISION ABOUT SUPPORTING RESIDUE WORK:07/20

Efficacy/Crop Safety (E/CS) Data Required:

PER MFG REVIEW OF EXTENSIVE PERFORMANCE DATA, ONLY RESIDUE DATA ARE NEEDED:09/18; PER MFG, 3X RATE CROP SAFETY DATA ARE REQUIRED:07/20

Nomination Justification:

(2016 FL) Useful as a layby application to control late germinating weeds. J.Rose, Sesaco.
;(2018 TX) Potential use by sesame growers for an additional, layby herbicide to control late germinating seeds.;(2018 FL) Growers have requested an option for residual pre emergent herbicide which can be broadcast applied post emergent to help maintain weeds; WEEDS SUCH AS PIGWEED, JOHNSONGRASS, MORNING GLORY, CRABGRASS, KOCHIA, HORSEWEED; USEFUL FOR CONTROLLING CERTAIN HERBICIDE RESISTANT WEEDS
;(2020 FL) See previous comment.;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTOR: GOOD FIT IN IPM; USEFUL FOR CONTROLLING CERTAIN HERBICIDE RESISTANT WEEDS; USE IS COMPATIBLE WITH OTHER PEST MANAGEMENT PRACTICES:07/16; PER 2016 NOMINATION COMMENT: USE PATTERN AS A POST SESAME, PRE WEED GERMINATION, POST ONLY:09/16; PER 2018 NOMINATION COMMENT: LOW LEACHING POTENTIAL

IPM Comments from Nomination Process:

; Good Fit: See previous.: Janine Spies

BATTS	Shankle, Mark W.	P15-MS-DMP	RECD	NONE	ZIDUA @ 2 OZ PROD/A POST AT 2 WEEKS OR 3 WEEKS AFTER PLANTING (WAP); NO SIGNIFICANT INJURY WHEN APPLIED 3 WAP; SLIGHT INJURY WITH COMPLETE RECOVERY BY 6 WEEKS POSTTREATMENT WHEN APPLIED 2 WAP.
BATTS	Baughman, Todd A	P14-OK-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 4, 5 AND 6 WEEKS AFTER PLANTING (WAP); NO SIGNIFICANT INJURY WITH ALL TREATMENTS; SIGNIFICANT YIELD LOSS WITH 6 WAP, NONE WITH OTHER TREATMENTS.
BATTS	Hanson, Brad	P17-CAP33	RECD	NONE	ZIDUA 85WG AT 2 AND 3 OZ PROD/A APPLIED POST AT 3, 4 OR 5 WEEKS AFTER PLANTING (WAP), AND AT 3 OZ + COC APPLIED AT 4 WAP; 5 % INJURY, WITH QUICK RECOVERY, ONLY FROM 3 OZ + COC APPLIED AT 4 WAP. NO SIGNIFICANT YIELD DIFFERENCES BETWEEN TREATMENTS.
BATTS	Rose, Jack	P17-TXP01	RECD	NONE	ZIDUA 85WG AT 2 AND 3 OZ PROD/A APPLIED POST AT 3, 4 OR 5 WEEKS AFTER PLANTING (WAP), AND AT 3 OZ + COC APPLIED AT 4 WAP; UNACCEPTABLE INJURY ONLY FROM 3 OZ APPLIED AT 5 WAP AND 3 OZ + COC APPLIED AT 4 WAP. NO SIGNIFICANT YIELD DIFFERENCES BETWEEN TREATMENTS.
BATTS	Burgos, N.	P17-ARP01		NONE	
BATTS	Rose, Jack	P15-TX-DMP	RECD	NONE	ZIDUA @ 2 OZ PROD/A POST APPLIED AT 2, 3 OR 4 WEEKS AFTER PLANTING; NO SIGNIFICANT INJURY OR YIELD LOSS WITH ALL APPLICATION TIMINGS.
BATTS	Grichar, W. James	P14-TX-DMP	RECD	NONE	ZIDUA @ 2 OZ PROD/A POST APPLIED AT 2, 3 OR 4 WEEKS AFTER PLANTING; SLIGHT INJURY WITH COMPLETE RECOVERY, NO SIGNIFICANT YIELD LOSS WITH ALL APPLICATION TIMINGS.
BATTS	Grichar, W. James	P15-TX-DMP	RECD	NONE	ZIDUA @ 2 OZ PROD/A POST APPLIED AT 4 WEEKS AFTER PLANTING; VERY SLIGHT INJURY WITH COMPLETE RECOVERY BY 4 WEEKS POSTTREATMENT.
BATTS	Grichar, W. James	P15-TX-DMP	RECD	NONE	ZIDUA @ 2 OZ PROD/A POST APPLIED AT 2 WEEKS AFTER PLANTING; VERY SLIGHT INJURY WITH COMPLETE RECOVERY BY 47 DAYS POSTTREATMENT.
BATTS	Flessner, Michael L.	P15-VA-DMP	RECD	NONE	ZIDUA AT 1.5 OZ PROD/A + NIS POST AT 2 WEEKS OR AT 1.5 OZ PROD/A POST AT 3 WEEKS AFTER PLANTING (WAP); NO SIGNIFICANT INJURY WITH BOTH APPLICATION TIMINGS.
BATTS	Baughman, Todd A	P14-OK-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 4, 5 AND 6 WEEKS AFTER PLANTING (WAP); NO SIGNIFICANT INJURY WITH ALL TREATMENTS; SIGNIFICANT YIELD LOSS WITH 6 WAP, NONE WITH OTHER TREATMENTS.

BATTS	Dotray, Peter	P15-TX-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 2, 3 AND 4 WEEKS AFTER PLANTING; MODERATE INITIAL INJURY WITH GOOD RECOVERY, AND NO SIGNIFICANT YIELD LOSS WITH ALL APPLICATION TIMINGS.
BATTS	Barber, Tom	P14-AR-DMP	RECD	NONE	ZIDUA AT 1.5 AND 3 OZ PROD/A + COC POST APPLIED AT 2, 3 AND 4 WEEKS AFTER PLANTING (WAP); MODERATE INJURY WITH COMPLETE RECOVERY WHEN APPLIED 2 WAP, NO SIGNIFICANT INJURY WITH OTHER TREATMENTS.
BATTS	Ducar, Joyce Tredaway	P15-AL-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 27 OR 37 DAYS AFTER PLANTING; NO SIGNIFICANT INJURY OR YIELD REDUCTION WITH BOTH APPLICATION TIMINGS.
BATTS	Price, Andrew	P15-AL-DMP	RECD	NONE	ZIDUA @ 2 OZ PROD/A POST APPLIED AT 2 WEEKS OR 3 WEEKS AFTER PLANTING; SLIGHT INJURY WITH BOTH APPLICATION TIMINGS.
BATTS	Baughman, Todd A	P15-OK-DMP	RECD	NONE	ZIDUA AT 1.5 OZ PROD/A POST APPLIED AT 2 AND 3 WEEKS AFTER PLANTING (WAP); EXCELLENT CROP SAFETY.
BATTS	Barber, Tom	P13-AR-DMP	RECD	NONE	ZIDUA AT 0.106 LB AI /A + COC POST; EXCELLENT CROP SAFETY.
BATTS	Dotray, Peter	P15-TX-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 14, 21 AND 28 DAYS AFTER PLANTING (DAP); MODERATE INITIAL INJURY WITH GOOD RECOVERY; NO YIELD LOSS.
BATTS	Dotray, Peter	P15-TX-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 14, 21 AND 28 DAYS AFTER PLANTING (DAP); MODERATE INITIAL INJURY WITH GOOD RECOVERY; NO YIELD LOSS.
BATTS	Ducar, Joyce Tredaway	P15-AL-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 30 DAYS AFTER PLANTING; NO INJURY; NO SIGNIFICANT DIFFERENCES IN YIELD BETWEEN TREATMENTS.
BATTS	Flessner, Michael L.	P15-VA-DMP	RECD	NONE	ZIDUA AT 1.5 OZ PROD/A + NIS POST APPLIED AT 2 AND 3 WEEKS AFTER PLANTING; SLIGHT INJURY, SIMILAR TO UNTREATED.
BATTS	Rose, Jack	P15-TX-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 14, 21 AND 28 DAYS AFTER PLANTING (DAP); EXCELLENT CROP SAFETY; NO SIGNIFICANT YIELD LOSS.
BATTS	Price, Andrew	P15-AL-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 2 AND 3 WEEKS AFTER PLANTING (WAP); GOOD CROP SAFETY.
BATTS	Rose, Jack	P15-TX-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 14 DAYS AFTER PLANTING; GOOD TO EXCELLENT CROP SAFETY ON ALL 8 VARIETIES TESTED.

BATTS	Rose, Jack	P15-TX-DMP	RECD	NONE	ZIDUA AT 2 OZ PROD/A POST APPLIED AT 28 DAYS AFTER PLANTING; EXCELLENT CROP SAFETY ON ALL 8 VARIETIES TESTED.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12935	PYROXASULFONE (KICHEM)	* ASPARAGUS (22A=STALK AND STEM VEGETABLE SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: WEEDS; GRASSES, AMARANTHUS SPECIES; SUPPRESS RESISTANT WEEDS

REQ STATES MI NJ IN

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A	A			

PCR Use Pattern:

USE THE ZIDUA 4.17 SC PRODUCT; MAKE 1 SOIL PREEMERGENCE APPLIC OF 0.133-0.267 LB AI/A, IN SPRING BEFORE ASPARAGUS EMERGES; 14-DAY PHI

HQ Comments:

NO EXPORT MARKETS NOTED BY REQUESTOR; XH493 DATA MINING WAS CONVERTED TO PR# 12935 WHEN REQUEST WAS RECEIVED FROM MICHIGAN ON 1/13/20:01/20; MFG REVIEWING PERFORMANCE DATA AND WILL CONFIRM IF THIS IS RESEARCHABLE:06/20; MFG SUPPORTS, ONLY RESIDUE DATA NEEDED; SUFFICIENT CROP SAFETY DATA EXISTS TO DEMONSTRATE CROP TOLERANCE:08/20; EPA GREEN: 08/20, 08/21

Nomination Justification:

(2021 MD) see previous comments;(2021 MI) WEEDS; GRASSES, AMARANTHUS SPECIES; SUPPRESS RESISTANT WEEDS;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; PYROXASULFONE IS USED AT LOW RATES AND CONTROLS MANY COMMON WEEDS IN ASPARAGUS; IT DISSIPATES BY THE END OF THE GROWING SEASON SO THERE IS NO LONG TERM RESIDUAL CARRYOVER TO SUPPRESS COVER CROPS OR FOLLOWING CROPS:01/20

IPM Comments from Nomination Process:

; Good Fit: see previous comments: Marylee Ross; Good Fit: PER REQUESTER: GOOD IPM FIT; PYROXASULFONE IS USED AT LOW RATES AND CONTROLS MANY COMMON WEEDS IN ASPARAGUS; IT DISSIPATES BY THE END OF THE GROWING SEASON SO THERE IS NO LONG TERM RESIDUAL CARRYOVER TO SUPPRESS COVER CROPS OR FOLLOWING CROPS:01/20: Anthony VanWoerkom

Zandstra, Dr. Bernard H.	P13-MI-DMP	RECD	NONE	0.32 LB AI/A PRE ON SPINKS LOAMY FINE SAND SOIL; GOOD CROP TOLERANCE AND YIELD OF ESTABLISHED ASPARAGUS; EQUAL TO DIURON + METRIBUZIN PRE.
Zandstra, Dr. Bernard H.	P13-MI-DMP	RECD	NONE	0.32 LB AI/A PRE ON CAPAC LOAM SOIL; GOOD CROP TOLERANCE AND YIELD OF ESTABLISHED ASPARAGUS; EQUAL TO DIURON PRE.
Zandstra, Dr. Bernard H.	P14-MI-DMP	RECD	NONE	0.267 LB AI/A PRE ON SPINKS LOAMY FINE SAND SOIL; GOOD CROP TOLERANCE AND YIELD OF ESTABLISHED ASPARAGUS; EQUAL TO DIURON + METRIBUZIN PRE
Zandstra, Dr. Bernard H.	P14-MI-DMP	RECD	NONE	0.803 LB AI/A PRE ON CAPAC LOAM SOIL; GOOD CROP TOLERANCE AND YIELD OF ESTABLISHED ASPARAGUS; EQUAL TO DIURON + PENDIMETHALIN PRE.

	Zandstra, Dr. Bernard H.	P15-MI-DMP	RECD	NONE	0.267 LB AI/A PRE ON SPINKS LOAMY FINE SAND SOIL; GOOD CROP TOLERANCE AND YIELD OF ESTABLISHED ASPARAGUS; EQUAL TO DIURON + METRIBUZIN.
	Zandstra, Dr. Bernard H.	P16-MI-DMP	RECD	NONE	0.267 LB AI/A PRE ON SPINKS LOAMY FINE SAND SOIL; EXCELLENT CROP TOLERANCE; YIELD EQUAL TO CALLISTO + PROWL.
	Zandstra, Dr. Bernard H.	P17-MI-DMP	RECD	NONE	0.267 LB AI/A PRE ON REMUS FINE SANDY LOAM SOIL; EXCELLENT CROP TOLERANCE OF ESTABLISHED ASPARAGUS; YIELD EQUAL TO CALLISTO + PROWL.
	Zandstra, Dr. Bernard H.	P18-MI-DMP	RECD	NONE	0.267 LB AI/A PRE ON SPINKS LOAMY FINE SAND SOIL; GOOD CROP TOLERANCE OF ESTABLISHED ASPARAGUS; YIELD FROM 2013-2018 COMPARABLE TO CALLISTO + PROWL.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13348	FLURIDONE (SEPRO)	* OLIVE (23A=TROPICAL AND SUBTROPICAL, SMALL FRUIT, EDIBLE PEEL SUBGROUP)	UNDER EVALUATION

Reasons for need: BRAKE ON! TARGETS ANNUAL GRASSES AND BROADLEAF WEEDS, THIS PRODUCT IS NEEDED TO MANAGE HERBICIDE RESISTANT WEED SPECIES.

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	
				A

Reduced Risk

PCR Use Pattern:

BRAKE ON!, MAX APPLICATION RATE 0.4 LB PER ACRE; APPLY AS A PRE-EMERGENT, SOIL APPLIED; ONE APPLICATION PER YEAR; ANNUAL RETREATMENT, 30 DAY PHI; APPLY PRODUCT PRIOR TO WEED GERMINATION FOLLOWED BY HALF AN INCH OF IRRIGATION. MAX APPLICATION RATE IS 0.4 LB PER ACRE.

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; BRAKE ON! IS A NEW TOOL FOR GROWERS TO FIGHT RESISTANCE WEEDS DUE TO ITS MODE OF ACTION AND RESIDUAL ACTIVITY.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13331 *	FLORPYRAUXIFEN-BENZYL (CORTEVA)	* POMEGRANATE (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: BROADLEAF WEEDS AND SEDGES; FEW REGISTERED HERBICIDES, CHALLENGES WITH GLYPHOSATE RESISTANT WEEDS

REQ STATES CA

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

RINSKOR, 0.026 TO 0.053 LB AI/A; POST EMERGENCE TO WEEDS, 3 APPLICATIONS, RETREATMENT INTREVAL OF 30 DAYS; BANDED APPLICATION DIRECTED TO THE BASE OF TREES; 3 APPLICATIONS WITH A RE-TREATMENT INTERVAL OF 30 DAYS; MINIMIZE TREATMENT TO CROP FOLIAGE - SUCKER DAMAGE POSSIBLE;

HQ Comments:

RINSKOR HERBICIDE

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR GOODFIT, GOOD FIT, LOW TOXICITY, NEW MODE OF ACTION (GROUP 4) FOR GRASSES AND BROADLEAF WEEDS

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13296	GLUFOSINATE (BASF,UPL NA)	MANGO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	UNDER EVALUATION

Reasons for need: PARTHENIUM AND OTHER HARD TO CONTROL WEEDS, NOTHING CURRENTLY REGISTERED FOR MANGO CONTROLS PARTHENIUM

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

RELY 280; 1.5 LB AI/ACRE (82 OZ/ACRE); TRACTOR MOUNTED HERBICIDE RIG OR BACKPACK APPLICATION, 3 APPLICATIONS WITH A 30 DAY RE-TREATMENT INTERVAL, AND 0 DAY PHI. RELY IS A CONTACT HERBICIDE, DO NOT APPLY IF RAIN IS EXPECTED WITHIN 4 HR OF APPLICATION. APPLY ONLY TO WEEDS, DO NOT CONTACT CROP PLANTS; DO NOT SPRAY WATER BODIES, DURING WINDY WEATHER CONDITIONS; REI = 12 HRS

Nomination Justification:

(2021 FL) Currently there are no herbicides labelled for mango to control parthenium.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; USE COMPATIBLE WITH CURRENT CULTURAL PRACTICES

IPM Comments from Nomination Process:

; Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
11933 *	SAFLUFENACIL (BASF)	MANGO (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: WEEDS (INCLUDING PARTHENIUM WHICH IS NOT CONTROLLED BY CURRENT PRODUCTS)

REQ STATES FL PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		Yes

PCR Use Pattern:

USE THE TREEVIX PRODUCT; MAKE 3-4 FOLIAR TO WEEDS APPLIC OF 1 OZ/A, 21-DAY INTERVAL; NO PHI SPECIFIED; MAKE 2 APPLIC DURING NO CROP PERIOD AND 1-2 DURING EARLY CROP PERIOD; USE AN ADJUVANT

HQ Comments:

TOLERANCE IS ESTABLISHED ON POMEGRANATE, SO IF RESIDUE DATA IS GENERATED ON AVOCADO (USING A SIMILAR USE PATTERN) COULD SECURE A CROP SUBGROUP 24B TOLERANCE, WHICH WOULD COVER MANGO AND MANY OTHER TROPICAL FRUITS:05/16; MFG NEEDS TO SEE CROP SAFETY DATA BEFORE APPROVING RESIDUE WORK; NO EFFICACY DATA NEEDED, AS THE PRODUCT CONTROLS PARTHENIUM:07/16; PER PR ME-TOO REQUEST, MANGO IS AN EXPORT COMMODITY IN PR:06/20

Efficacy/Crop Safety (E/CS) Data Required:

MANGO CROP SAFETY TRIALS ARE NEEDED ON LOCAL VARIETIES; MFG WILL HELP DESIGN CROP SAFETY EVALUATION PROTOCOLS:07/16; ONLY CROP SAFETY TRIALS NEEDED; BEFORE PLANNING FIELD TRIALS, MFG MUST CONDUCT THEIR STANDARD GH POT SCREENING STUDY ON YOUNG MANGO TREES, WHICH HAVE BEEN REQUESTED FROM FL; IF GH STUDY RESULTS ARE ACCEPTABLE, NEED FIELD TESTS ON PROMINENT LOCAL VARIETIES, 1-2 TRIALS OVER 2 YEARS ON THE SAME PLOTS:09/16

Nomination Justification:

(2016 FL) A for Efficacy/Crop Safety;(2020 FL) Urgent need for parthenium control options, no longer being adequately controlled by glyphosate and paraquat.;(2021 FL) See previous.;

IPM Comments from PCR:

PER REQUESTOR: GOOD IPM FIT; USE IS COMPATIBLE WITH CULTURAL PEST MANAGEMENT PRACTICES:05/16

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13263 *	FLORPYRAUXIFEN-BENZYL (CORTEVA)	PAPAYA (24B=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, SMOOTH, INEDIBLE PEEL SUBGROUP)	NEED E/CS DATA ONLY

Reasons for need: POST-EMERGENCE WEED CONTROL OF GRASSES, BROADEAF AND SEDGES; NEW PRODUCT TO CONTROL ROUNDUP RESISTANT WEEDS

REQ STATES HI PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
			A	

PCR Use Pattern:

10.5- 21 OZ/A, POST EMERGENCE FOLIAR APPLICATUON TO WEEDS; 2 APPS 14 DAY RE-TREATMENT INTERVAL, WITH PHI OF 60 DAYS; APPLY AS A BROADCAST SPRAY FOR EARLY POST CONTROL OF EMERGED WEEDS. DO NOT ALLOW SPRAY TO CONTACT GREEN FOLIAGE OR INJURY WILL OCCUR; DO NOT APPLY MORE THAN 2 APPS/YEAR (MAXIMUM OF 21 OZ/APPLICATION). DO NOT APPLY MORE THAN 42 FL OZ/A/YEAR. MINIMUM SPRAY VOLUEM, 10 GAL/ACRE.

HQ Comments:

USE REGISTERED; THIS USE INCLUDED IN NOV 2019 EPA-APPROVED RINSKOR LABEL:06/21; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; VERY FAVORABLE ENVIRONMENTAL RISK PROFILE. BETTER APPLICATOR SAFETY. USEFUL IN CONTROLLING ROUNDUP RESISTANT WEEDS;

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10238 *	GLUFOSINATE (BASF,UPL NA)	* SUGAR APPLE (24C=TROPICAL AND SUBTROPICAL, MEDIUM TO LARGE FRUIT, ROUGH OR HAIRY, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: PARTHENIUM HYSTEROPHORUS

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

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

HQ 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); SUGAR APPLE (OR ATEMOYA) IS ONE OF TWO REP CROPS FOR NEW SUBGROUP 24C (OTHER REP CROP NEEDED IS PINEAPPLE):08/16; EPA CAUTION:09/16; EPA CAUTION:08/17; EPA CAUTION:09/18; MFG CHANGED TO POTENTIAL - NO CROP SAFETY DATA IS AVAILABLE AT EXAGGERATED RATES:08/19; EPA GREEN:09/19

Efficacy/Crop Safety (E/CS) Data Required:

NEED CROP SAFETY DATA AT EXAGGERATED RATES; NO EFFICACY DATA NEEDED:08/19; MFG CONFIRMED (IN 06/20) NEED FOR THE FOLLOWING CROP SAFETY RESEARCH: 3-4 TRIALS IN FL (AND PR, IF GROWN THERE); WILL ASSUME ONE PREDOMINANT SOIL TYPE/LEVEL OF ORGANIC MATTER WHERE GROWN; IF SOIL TYPE/% ORGANIC MATTER VARY IN PRODUCTION AREA, THEN NEED 1 TRIAL USING YOUNG, NON-BEARING (BUT ESTABLISHED FOR AT LEAST 3 MONTHS) TREES PER SOIL; MAKE 6 SEQUENTIAL APPLIC AT 0, 2X AND 4X RATES, APPLIED ABOUT 4 MONTHS APART; MFG REQUEST SEEDLINGS TO CONDUCT 'LEVEL OF TOLERANCE' WORK IN THE GH

Nomination Justification:

(2019 FL) NEEDED TO CONTROL INVASIVE PARTHENIUM WEED;(2020 FL) There is nothing to control parthenium and other glyphosate resistant weeds in sugar apple. The acreage of this crop and relatives (i.e., guanabana) is increasing in Florida.;(2021 FL) See previous.;

IPM Comments from PCR:

PER 2020 SOR NOMINATION COMMENT: USING THIS PRODUCT IN ALTERNATION WITH, OR MIXED WITH, GLYPHOSATE WILL CONTROL RECALCITRANT WEEDS:08/20

	Crane, Dr. Jonathan H.	P06-FL-DMP	RECD	NONE	-	FINALE AT 96, 128 AND 192 FL OZ/A + LIBERATE ADJUVANT; EFFECTIVE CONTROL OF PARTHENIUM
	Crane, Dr. Jonathan H.	P12-FL-DMP	RECD	NONE		RELY 280 AT 1.75 LB AI/A ALONE OR WITH CHATEAU AT 2, 3 AND 6 OZ AI/A POST; INEFFECTIVE ON PARTHENIUM SPP. WHEN APPLIED ALONE IN AN AVOCADO TRIAL; BEST CONTROL WHEN APPLIED WITH CHATEAU.
	Reddy, Krishna N.	P07-MS-DMP	RECD	NONE		TWO FIELD TRIALS IN 2005 AND 2006. RELY 280 AT 0.35 LB AI/A APPLIED POST AT EITHER ROSETTE OR BOLTED STAGE OF PARTHENIUM IN A NON-CROP AREA; GOOD CONTROL APPLIED AT ANY STAGE; EQUAL TO GLYPHOSATE.

	Singh, Samunder	P04-**-DMP	RECD	NONE	INDIA - TWO FIELD TRIALS IN 2000 AND 2001. 0.75 AND 1.5 KG AI/A APPLIED POST AT ACTIVE GROWTH STAGE (90-100 CM HT) OF PARTHENIUM IN A NON-CROP AREA; 75-80% CONTROL AT THE HIGH RATE VS. 98% FOR GLYPHOSATE.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13330	GLUFOSINATE (BASF,UPL NA)	* DRAGON FRUIT (PITAYA) (24D=TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	UNDER EVALUATION

Reasons for need: WEEDS, NO OTHER HERBICIDE APPROVED FOR THIS CROP

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A		

PCR Use Pattern:

RELY 280, 1.5 LB AI/A (82 OZ/A); FOLIAR TO WEEDS, 3 APPLLICATIONS PER YEAR AND A RETREATMENT INTERVAL OF AT LEAST 30 DAYS, 0 DAY PHI; APPLY TO THE WEEDS BEFORE THEY FLOWER, DO NOT CONTACT CROP, NO LIMITATIONS FOR THE USE, THE PRODUCT WILL BE EFFECTIVE ONLY IN THE PARTS WHERE THE PRODUCT IS APPLIED SINCE IS A CONTACT PRODUCT; NO SPECIAL SAFETY PRECAUTIONS.

Nomination Justification:

(2021 FL) No herbicides labelled for this crop.;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, APPLIED TO THE WEEDS NOT THE CROP AND BEFORE THE FLOWER SO NO INTERFERENCE WITH POLLINATORS, PREDATORS, AND PARASITES

IPM Comments from Nomination Process:

; Very Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13329	PARAQUAT (AMVAC,SYNGEN)	* DRAGON FRUIT (PITAYA) (24D=TROPICAL AND SUBTROPICAL, CACTUS, INEDIBLE PEEL SUBGROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: WEEDS IN GENERAL, APPLIED AS A CONTACT HERBICIDE, NO OTHER HERBICIDE APPROVED FOR DRAGON FRUIT; AMVAC EXITING PARAQUAT BUSINESS, SO WILL NOT SUPPORT; WORK WITH SYNGENTA; 08/21

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

GRAMOXONE SL 2.0, 2.5 TO 3.75 PINTS PER ACRE; APPLIED FOLIARLY WITH 4 APPLICATIONS PER YEAR AND A RETREATMENT INTERVAL OF 28 DAYS ALONG WITH A PHI OF 14 DAYS; APPLY DIRECTLY TO WEEDS TO CONTROL AND AVOID CONTACT WITH THE CROP, THE PRODUCT IS ONLY EFFECTIVE AGAINST THE LEAVES AND WEEDS GETTING THE PRODUCT SINCE IT IS A CONTACT PRODUCT, NO SPRECIAL SAFETY PRECAUTIONS:06/21; WORK SHOULD BE DONE WITH GRAMOXONE SL3.0 @1.3-2.7 PT/A (0.5-1.0 LB AI/A); CONSULT SYNGENTA DURING PROTOCOL DEVELOPMENT

Nomination Justification:

(2021 FL) No herbicides labelled for this crop.;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, THE PRODUCT WILL BE APPLIED TO THE WEEDS PRIOR TO FLOWREING AND SINCE IT IS A CONTACT PRODUCT IT WILL NOT AFFECT HTE CROP, THE POLLINATORS, PREDATORS, AND PARASITES ON THE CROP. CONTROLLING THE WEEDS WILL HELP ON THE MANAGEMENT OF INSECT PESTS AND FUNGUS SINCE SOME ARE HOSTS OF THESE PESTS.

IPM Comments from Nomination Process:

; Very Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
10241 *	GLUFOSINATE (BASF,UPL NA)	* PASSIONFRUIT (24E=TROPICAL AND SUBTROPICAL, VINE, INEDIBLE PEEL SUBGROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: PARTHENIUM HYSTEROPHORUS

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

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

HQ 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); PASSIONFRUIT IS REP CROP FOR NEW SUBGROUP 24E:08/16; EPA CAUTION:09/16; EPA CAUTION:08/17; EPA CAUTION:09/18; MFG CHANGED TO POTENTIAL - NO CROP SAFETY DATA IS AVAILABLE AT EXAGGERATED RATES:08/19; EPA GREEN:09/19

Efficacy/Crop Safety (E/CS) Data Required:

NEED CROP SAFETY DATA AT EXAGGERATED RATES; NO EFFICACY DATA NEEDED:08/19; MFG CONFIRMED (IN 06/20) NEED FOR THE FOLLOWING CROP SAFETY RESEARCH: 3-4 TRIALS IN FL (AND PR, IF GROWN THERE); WILL ASSUME ONE PREDOMINANT SOIL TYPE/LEVEL OF ORGANIC MATTER WHERE GROWN; IF SOIL TYPE/% ORGANIC MATTER VARY IN PRODUCTION AREA, THEN NEED 1 TRIAL USING YOUNG, NON-BEARING (BUT ESTABLISHED FOR AT LEAST 3 MONTHS) TREES PER SOIL; MAKE 6 SEQUENTIAL APPLIC AT 0, 2X AND 4X RATES, APPLIED ABOUT 4 MONTHS APART; MFG REQUEST SEEDLINGS TO CONDUCT 'LEVEL OF TOLERANCE' WORK IN THE GH

Nomination Justification:

(2019 FL) NEEDED TO CONTROL INVASIVE PARTHENIUM WEED;(2020 FL) There is nothing to control parthenium and other glyphosate resistant weeds in passionfruit.;(2021 FL) See previous.;

Crane, Dr. Jonathan H.	P12-FL-DMP	RECD	NONE	RELY 280 AT 1.75 LB AI/A ALONE OR WITH CHATEAU AT 2, 3 AND 6 OZ AI/A POST; INEFFECTIVE ON PARTHENIUM SPP. WHEN APPLIED ALONE IN AN AVOCADO TRIAL; BEST CONTROL WHEN APPLIED WITH CHATEAU.
Reddy, Krishna N.	P07-MS-DMP	RECD	NONE	TWO FIELD TRIALS IN 2005 AND 2006. RELY 280 AT 0.35 LB AI/A APPLIED POST AT EITHER ROSETTE OR BOLTED STAGE OF PARTHENIUM IN A NON-CROP AREA; GOOD CONTROL APPLIED AT ANY STAGE; EQUAL TO GLYPHOSATE.
Singh, Samunder	P04-**-DMP	RECD	NONE	INDIA - TWO FIELD TRIALS IN 2000 AND 2001. 0.75 AND 1.5 KG AI/A APPLIED POST AT ACTIVE GROWTH STAGE (90-100 CM HT) OF PARTHENIUM IN A NON-CROP AREA; 75-80% CONTROL AT THE HIGH RATE VS. 98% FOR GLYPHOSATE.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13274	TIAFENACIL (ISK)	* MINT (25AB=HERB FRESH AND DRIED LEAVES SUBGROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: WINTER AND SUMMER ANNUALS; FOR IMPROVED POST-EMERGENT BROADLEAF WEED CONTROL

REQ STATES OR WA MI IN

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

0.044 - 0.066 LB ACTIVE PER ACRE; DORMANT MINT: APPLY UP TO 0.066 LB A.I. PER ACRE WHILE MINT IS DORMANT IN THE LATE WINTER/EARLY SPRING. BETWEEN CUTTINGS: APPLY UP TO 0.066 LB A.I. PER ACRE AFTER THE FIRST CUTTING IS HARVESTED AND WEEDS HAVE SPROUTED. APPLY WITH ADEQUATE VOLUME OF WATER (20 GPA) FOR OPTIMUM COVERAGE. USE WITH MSO AT 1% V/V RATE.

HQ Comments:

MINT IND RES COUNCIL (MIRC) WILL EVALUATE CROP TOLERANCE

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; TIAFENACIL WOULD BE AN EFFECTIVE GROUP 14 POST-EMERGENT BURNDOWN BROADLEAF HERBICIDE THAT WOULD PROVIDE A SAFER ALTERNATIVE TO PARAQUAT FOR HANDLERS AND APPLICATORS. WEED SPECTRUM IS SIMILAR TO GROUP 22 HERBICIDES SUCH AS PARAQUAT. APPLIED AS A DORMANT APPLICATION WOULD PROVIDE EFFECTIVE BURNDOWN OF WINTER ANNUALS AND POSSIBLY EARLY SUMMER ANNUALS. WOULD LIKELY BE TANK MIXED WITH SOIL ACTIVE HERBICIDES AT THE DORMANT TIMING. ADDITIONALLY, IT COULD BE USED BETWEEN CUTTINGS OF DOUBLE-CUT MINT FOR IMPROVED SUMMER ANNUAL WEED CONTROL FOR SUCH WEEDS AS THE PIGWEED COMPLEX, MUSTARDS, KOCHIA.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12863	PENDIMETHALIN (BASF,UPL NA)	* DILL (SEED) (26=SPICES CROP GROUP)	UNDER EVALUATION

Reasons for need: WEEDS; TO ESTABLISH A TOLERANCE

REQ STATES DC NJ

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

NO USE PATTERN INFORMATION PROVIDED BY REQUESTOR, SO REQUEST NOT SENT TO MFG:08/19; REQUESTOR PROVIDED: MAX 0.95 LB AI/A PER GROWING SEASON:09/11/19

HQ Comments:

NO KEY EXPORT MARKETS NOTED; REQUEST WAS FOR CROP SUBGROUPS 19A AND 19B (SPICES AND HERBS), BUT HQ DECIDED TO MAKE THE REQUEST FOR DILL, SEED ONLY:08/19; MFG HAS A CELERY PETITION PENDING AT EPA, BUT NOT OUT TO SEED:09/19; EPA GREEN:08/20, 08/21; BASF NEEDS TO SEE SOME "PROOF OF CONCEPT" PERFORMANCE DATA BEFORE CONSIDERING A CHANGE IN STATUS TO A RESEARCHABLE CATEGORY:09/20;

Nomination Justification:

(2019 MD) relatively non toxic to bees and fish;(2020 MD) relatively non toxic to bees;(2020 MI) (2019 MD) relatively non toxic to bees and fish;(2020 MD) relatively non toxic to bees; WEEDS; TO ESTABLISH A TOLERANCE;(2021 MI) (2019 MD) relatively non toxic to bees and fish;(2020 MD) relatively non toxic to bees;(2020 MI) (2019 MD) relatively non toxic to bees and fish;(2020 MD) relatively non toxic to bees; WEEDS; TO ESTABLISH A TOLERANCE; ;

IPM Comments from PCR:

REQUESTOR DID NOT COMMENT ON IPM FIT

IPM Comments from Nomination Process:

; Unknown: REQUESTOR DID NOT COMMENT ON IPM FIT: Anthony VanWoerkom

	Jeliazkov, J	P20-OR-DMP	RECD	4.2 L/HA PRE OR POST; EXCELLENT CROP TOLERANCE PRE, GOOD POST; GOOD WEED CONTROL PRE.
	Bellinder, Dr. Robin	P06-NY-DMP	RECD	0.75 LB AI/A PRE; NO INJURY
	Zandstra, Dr. Bernard H.	P07-MI-DMP	RECD	0.50 LB AI/A PRE; EXCELLENT CROP TOLERRANCE
	Stall, Dr. William M.	P06-FL-DMP	RECD	0.5 AND 0.75 LB AI/A PRE; NO INJURY
	Stall, Dr. William M.	P07-FL-DMP	RECD	0.5 AND 0.75 LB AI/A PRE; NO INJURY
	Zandstra, Dr. Bernard H.	P08-IL-DMP	RECD	0.7 LB AI/A PRE; EXCELLENT CROP TOLERANCE

Zandstra, Dr. Bernard H.	P09-IL-DMP	RECD	1.3 LB AI/A + S-METOLACHLOR PRE; GOOD CROP TOLERANCE
Brandenberger, L.	P06-OK-DMP	RECD	0.5 LB AI/A PRE; INJURY SAME AS UNTREATED CHECK
Brandenberger, L.	P06-OK-DMP	RECD	0.5 LB AI/A POST; 4% INJURY
Fennimore, S.	P05-CA-DMP	RECD	0.75 LB AI/A PRE OR POST; EXCELLENT CROP TOLERANCE
Zandstra, Dr. Bernard H.	P06-MI-DMP	RECD	0.5 LB AI/A PRE; ACCEPTABLE CROP TOLERANCE

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13262 *	FLORPYRAUXIFEN-BENZYL (CORTEVA)	COFFEE (99=MISC GROUP)	NEED E/CS DATA ONLY

Reasons for need: WEEDS: GRASSES, BROADLEAVES, AND SEDGES; POST-EMERGENCE WEED CONTROL OF ROUND UP RESISTANT WEEDS.;

REQ STATES HI PR

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
		A	A	

PCR Use Pattern:

10.5- 21 OZ/A, POST EMERGENCE FOLIAR APPLICATUON TO WEEDS; 2 APPS 14 DAY RE-TREATMENT INTERVAL, WITH PHI OF 60 DAYS; APPLY AS A BROADCASTED SPRAY FOR CONTROL OF EMERGED WEEDS. DO NOT APPLY MORE THAN 2 APPS/YEAR (MAXIMUM OF 21 OZ/APPLICATION). DO NOT APPLY MORE THAN 42 FL OZ/A/YEAR. MINIMUM SPRAY VOLUEM, 10 GAL/ACRE.

HQ Comments:

USE REGISTERED, THIS USE INCLUDED IN NOV 2019 EPA-APPROVED RINSKOR LABEL:06/21; EPA GREEN:08/21

Nomination Justification:

(2021 CA) See previous;(2021 FL) Needed for post-emergence control of weeds; an important tool to manage weeds after planting coffee trees.;

IPM Comments from PCR:

PER REQUESTOR, GOODFIT; VERY FAVORABLE ENVIRONMENTAL RISK PROFILE. BETTER APPLICATOR SAFETY. USEFUL IN CONTROLLING ROUNDUP RESISTANT WEEDS.;

IPM Comments from Nomination Process:

; Very Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13338	ACETOCHLOR (BAYER,DOWAGR)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.

REQ STATES SD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

WARRANT, 2.5 QT/AC, SOIL BROADCAST; APPLY PRIOR TO WEED EMERGENCE IN THE SPRING. APPLYING PRIOR TO THE CROP BREAKING DORMANCY MAY BE DIFFICULT, SO AN EARLY POST EMERGENCE APPLICATION IS ACCEPTABLE; NEED AT LEAST 0.5 IN. RAINFALL WITHIN 10 DAYS OF APPLICATION. REDUCED RATES MAY BE NECESSARY ON MEDIUM AND COARSE TEXTURED SOILS.

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING CAMELINA TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13143	DICAMBA (ARYSTA,BASF,CORTEVA)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

MAKE A FOLIAR BROADCAST APPLIC OF 0.5 LB AE/A, AT LEAST 7 DAYS PRIOR TO HARVEST; SOYBEANS GROWING UNDERNEATH THE PENNYCRESS MUST BE DICAMBA-RESISTANT; MUST BE AN APPROVED FORMULATION OF DICAMBA

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; IF IT DOES NOT INVOLVE 2,4-D TOLERANT TRAITS THEN CORTEVA DEFERS TO BASF:6/21; EPA CAUTION: 08/21;

Nomination Justification:

(2021 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS TO ALLOW FOR AN EARLIER HARVEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL SEVERAL WEEKS LATER AFTER PENNYCRESS HARVEST SLOWS HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL SEVERAL WEEKS LATER AFTER PENNYCRESS HARVEST SLOWS HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13162	DIMETHENAMID-P (BASF)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: GRASS AND BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS

REQ STATES SD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

USE THE OUTLOOK PRODUCT; MAKE A BROADCAST APPLIC OF 0.94 LB AI/A PRIOR TO PLANTING OR PREEMERGENCE; NEEDS RAINFALL FOR INCORPORATION (IR-4 HQ SUGGESTS THE APPLIC BE MADE 1) LATE POSTEMERGENCE TO PENNYCRESS, PRIOR TO BOLTING, 2) PRIOR TO SEEDING OR EMERGENCE OF SOYBEAN, AND 3) PRIOR TO WEED EMERGENCE)

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; EPA CAUTION: 08/21;

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS ;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13153	FOMESAFEN (SYNGEN)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD MN IL IA

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

MAKE 1 FOLIAR BROADCAST APPLIC OF 0.235 LB AI/A, AT LEAST 7 DAYS PRIOR TO HARVEST; CAN NOT BE APPLIED IN CERTAIN REGIONS

HQ Comments:

NO KEY EXPORT MARKET NOTED; THE REQUESTED RATE FITS CERTAIN REGIONS ON THE REFLEX LABEL, BUT NOT ALL:08/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED; MAX USE RATES AND USE PATTERNS SHOULD ALIGN WITH REGIONAL MAPS INCLUDED IN THE REFLEX SECTION 3 LABEL:09/20; EPA GREEN:08/21

Nomination Justification:

(2020 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS. THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS). IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST;(2021 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13150	GLYPHOSATE (ADAMA,ALBAGH,BAYER,DREXEL)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: GRASS AND BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD MN IL IA

NorthEast Region	NorthCentral Region	Southern Region	Western Region
		A	

Reduced Risk Yes

PCR Use Pattern:

MAKE 1 FOLIAR BROADCAST APPLIC OF 1.125 LB AE/A, AT LEAST 7 DAYS PRIOR TO HARVEST; SOYBEANS GROWING UNDERNEATH THE PENNYCRESS MUST BE RESISTANT TO GLYPHOSATE; SEVERAL BROADLEAF WEED SPECIES ARE RESISTANT AND WILL NOT BE CONTROLLED

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; MFG SUPPORTS ADDING USE TO CURRENT LABEL, AND SUGGESTS IR-4 EXPLORE USING EXISTING DATA/TOLERANCES TO SUPPORT THIS USE VIA A PROPOSAL TO CHEMSAC; NO PERFORMANCE DATA NEEDED:09/20; EPA CAUTION: 08/21;

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST SLOWS HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST SLOWS HERBICIDE RESISTANCE:08/20 : Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13272	IMAZETHAPYR (ADAMA,BASF)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: WEEDS, ANNUAL (GENERAL); WISH TO SPRAY PURSUIT ON ALS RESISTANT THLASPI ARVENSE (PENNYCRESS) BEING USED AS A COVER CROP IN ORDER TO REDUCE WEED PRESSURE FROM HENBIT, SHEPHERDS PURSE, CHICKWEED CROWDS COVER CROP.

REQ STATES MO

NorthEast Region	NorthCentral Region	Southern Region	Western Region
		A	

Reduced Risk Yes

PCR Use Pattern:

0.0313 OZ ACTIVE INGREDIENT PER ACRE (LABEL RATE); USING GROUND BOOM SPRAYER AT A MINIMUM OF 10 GAL/A TOTAL VOLUME; SPRAY AT ROSETTE STAGE; MAXIMUM OF TWO APPLICATIONS, AT LEAST 7 DAYS BETWEEN SPRAYS.

Nomination Justification:

(2021 MI) WEEDS, ANNUAL (GENERAL); WISH TO SPRAY PURSUIT ON ALS RESISTANT THLASPI ARVENSE (PENNYCRESS) BEING USED AS A COVER CROP IN ORDER TO REDUCE WEED PRESSURE FROM HENBIT, SHEPHERDS PURSE, CHICKWEED CROWDS COVER CROP.;

IPM Comments from Nomination Process:

; Unknown: : Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13154	LACTOFEN (VALENT)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	RESEARCHABLE, ONLY RESIDUE DATA NEEDED

Reasons for need: BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST

REQ STATES SD MN IL

NorthEast Region	NorthCentral Region	A	Southern Region	Western Region	Reduced Risk

PCR Use Pattern:

MAKE 1 FOLIAR BROADCAST APPLIC, AT LEAST 7 DAYS PRIOR TO HARVEST; PERFORMANCE MAY DEPEND ON ADJUVANTS

HQ Comments:

NO KEY EXPORT MARKET NOTED:08/20; VALENT SUPPORTS THIS REQUEST, RESIDUE AND E/CS DATA NEEDED:09/20; PER VALENT , NO E/CS DATA ARE NEEDED:04/21; EPA GREEN:08/21

Nomination Justification:

(2020 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS. THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS). IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST;(2021 MI) BROADLEAF WEEDS; WHEN GROWN IN A RELAY SYSTEM WITH SOYBEANS, BROADLEAF WEEDS THAT MAY INTERFERE WITH PENNYCRESS HARVEST CAN BE CONTROLLED WITHOUT DAMAGING THE SOYBEANS GROWING UNDERNEATH THE PENNYCRESS; THIS MIGHT BE A GOOD FIT FOR SOYBEANS WITHOUT HERBICIDE RESISTANT TRAITS (I.E. NON-GMO SOYBEANS); IN ADDITION, THIS PRODUCT MAY DESICCATE THE PENNYCRESS CROP TO ALLOW FOR AN EARLIER HARVEST;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTER: VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST CAN REDUCE THE CHANCES FOR HERBICIDE RESISTANCE:08/20: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13340 *	PYROXASULFONE (KICHEM)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.

REQ STATES SD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

ZIDUA, 4 OZ/AC, SOIL BROADCAST; APPLY PRIOR TO WEED EMERGENCE IN THE SPRING. APPLYING PRIOR TO THE CROP BREAKING DORMANCY MAY BE DIFFICULT, SO AN EARLY POST EMERGENCE APPLICATION IS ACCEPTABLE; NEED AT LEAST 0.5 IN. RAINFALL WITHIN 10 DAYS OF APPLICATION. REDUCED RATES MAY BE NECESSARY ON MEDIUM AND COARSE TEXTURED SOILS.

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS, THIS CROP NEEDS MORE HERBICIDE OPTIONS.;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR, VERYGOODFIT; VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13349	QUINCLORAC (ADAMA,ALBAGH)	FIELD PENNYCRESS (OIL SEED) (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: GRASS AND BROADLEAF WEEDS, LIMITED HERBICIDE OPTIONS WITH THIS NEW CROP.

REQ STATES SD

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
	A			

PCR Use Pattern:

QUINNSTAR; 0.23 LB AI/A; FOLIAR BROADCAST; 0.23 LB AI/A; FOLIAR APPLIC WHEN CROP IS 2-8 INCHES TALL WITH CROP OIL CONCENTRATE AT 1% V/V; 1 APPLIC; 50-DAY PHI; IF WEEDS ARE TOO TALL NO CONTROL WILL BE GAINED. SOYBEANS ARE OFTEN GROWN IN A RELAY SYSTEM WITH THIS CROP. QUICLORAC IS NOT LABELED FOR SOYBEANS. IF APPLICATION IS MADE, THEN HOW LONG UNTIL SOYBEANS CAN BE INTERSEEDED.

Nomination Justification:

(2021 MI) GRASS AND BROADLEAF WEEDS, LIMITED HERBICIDE OPTIONS WITH THIS NEW CROP;

IPM Comments from PCR:

PER REQUESTOR, VERYGOODFIT, VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.

IPM Comments from Nomination Process:

; Very Good Fit: PER REQUESTOR, VERYGOODFIT, VERY GOOD IPM FIT; ADDING FIELD PENNYCRESS TO A CROP ROTATION PROMOTES IPM THROUGH INCREASED BIODIVERSITY; CONTROLLING WEEDS WHEN THEY'RE SMALL AS OPPOSED TO WAITING UNTIL AFTER PENNYCRESS HARVEST REDUCES CHANCES FOR HERBICIDE RESISTANCE.: Anthony VanWoerkom

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13066 *	TOLPYRALATE (ISK)	HEMP (99=MISC GROUP)	POTENTIAL: E/CS DATA BEFORE APPROVAL FOR RESIDUE STUDY

Reasons for need: FOR POST-EMERGENCE CONTROL AGAINST BROADLEAF WEEDS AND MANY ANNUAL GRASSES; THERE ARE NO CONVENTIONAL HERBICIDES FOR WEED CONTROL IN HEMP

REQ STATES FL VA AZ MD NY

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

USE THE SHIELDEX 400SC PRODUCT; MAKE 3-5 POST EMERGENT APPLIC OF 0.026-0.035 LB AI/A, 7-14 DAY INTERVAL, 0-5 DAY PHI; OTHER USE DIRECTIONS PER LABEL

HQ Comments:

NO KEY EXPORT MARKET NOTED; CURRENT LABEL ONLY ALLOWS 0.07 LB AI/A PER YEAR, WHICH IS ONLY 2 APPLIC AT THE RATE REQUESTED; LOWEST PHI ON LABEL IS 35 DAYS:07/20

Nomination Justification:

(2021 MD) see previous comments;

IPM Comments from PCR:

PER REQUESTER: GOOD IPM FIT; THE SPECTRUM OF WEED CONTROL MATCHES THE HEMP NEEDS:07/20

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
12840	BROMOXYNIL (BAYER,NUFARM)	HEMP, INDUSTRIAL (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: BROADLEAF WEEDS; NO POSTEMERGENCE HERBICIDES ARE LABELED IN HEMP; PER MT ME-TOO REQUEST, WEED CONTROL IS THE PRIMARY ISSUE IN HEMP IN MT, AND GROWERS NEED TOOLS FOR DICOT WEEDS

REQ STATES FL MT VA NC OK KY MD NY

NorthEast Region	NorthCentral Region	Southern Region	Western Region	Reduced Risk
A				

PCR Use Pattern:

USE MAESTRO 4EC; MAKE ONE FOLIAR POST-EMERGENCE APPLIC OF 0.25 LB AI/A, WHEN HEMP IS 6 IN TALL (MFG TO CONFIRM IF THEY SUPPORT MAESTRO 4EC OR ANOTHER BROMOXYNIL FORMULATION:10/19)

HQ Comments:

REQUEST WAS SUBMITTED FOR HEMP, INDUSTRIAL; NO EXPORT MARKETS NOTED:08/19; BY PHONE FROM NUFARM, REQUEST IS SUPPORTED, RESIDUE AND E/CS, DEPENDENT ON ACCEPTABLE CROP SAFETY:09/19; PMC/CANADA CONFIRMED THEY HAVE RESIDUE AND CROP SAFETY DATA FOR THIS USE, WITH A SUBMISSION TARGET OF MARCH 2020; RESIDUE TRIALS INCLUDED 1 IN ZONE 5, 1 IN ZONE 7, 3 IN ZONE 14 INCLUDING A PROCESSING TRIAL, AND ANOTHER PROCESSING TRAL IN ZONE 5; PROCESSING FRACTIONS INCLUDED COLDPRESS SEED OIL, SEED MEAL (PRESSCAKE), HEMP HEARTS AND FLOUR; ALSO 3 CROP SAFETY TRIALS WERE CONDUCTED:10/19; EPA GREEN:12/19; NUFARM IS NOT ABLE TO SUPPORT AT THIS TIME, BUT AN ALTERNATIVE APPROACH MAY BE TO SUPPORT THE USE UNDER A 24C SLN LABEL, TO BE HELD BY A GROWER GROUP, ALONG WITH A SUITABLE RELEASE OF LIABILITY FOR THE PRODUCT MANUFACTURER (NUFARM REC'D SUCH A REQUEST FOR A 24C USE ON HEMP BY THE MT DEPT. OF AG, FOR WHICH NUFARM STATED THE SAME CONCERN AND THE NEED FOR ACCEPTABLE CROP SAFETY DATA); STATUS CHANGED FROM RESEARCHABLE, RESIDUE AND E/CS, TO UNDER EVAL, PENDING FURTHER DISCUSSION WITH IR-4:02/20; NUFARM WOULD CONSIDER A THIRD PARTY ("SURROGATE") COMPANY PURSUING THIS USE:07/20; EPA GREEN: 08/20, 08/21

Nomination Justification:

(2019 NC) Needed for control of broadleaf weeds in hemp. Preliminary data shows bromoxynil is quite safe to hemp.;(2019 FL) POSTEMERGENCE APPLICATION TO CONTROL BROADLEAF WEEDS IN HEMP; NEW MOA BEING CONSIDERED FOR HEMP;(2019 CA) No registered products for hemp are available;(2019 MD) see previous comments;(2020 MI) (2019 NC) Needed for control of broadleaf weeds in hemp. Preliminary data shows bromoxynil is quite safe to hemp.;(2019 FL) POSTEMERGENCE APPLICATION TO CONTROL BROADLEAF WEEDS IN HEMP; NEW MOA BEING CONSIDERED FOR HEMP;(2019 CA) No registered products for hemp are available;(2019 MD) see previous comments;;(2021 MD) see previous comments;

IPM Comments from PCR:

PER REQUESTER: UNKNOWN IPM FIT; A POSTEMERGENCE HERBICIDE IN A WEED MANAGEMENT PROGRAM WILL CONTROL WEEDS THAT ESCAPE CULTURAL OR MECHANICAL WEED CONTROL OPTIONS; THIS IS A UNIQUE MODE OF ACTION AMONG THE HERBICIDES BEING CONSIDERED FOR HEMP AND HAS VERY FEW RESISTANT WEED SPECIES; EARLY POSTEMERGENCE APPLICATION WHEN THE WEEDS ARE SMALL ALLOWS FOR THE BOOM HEIGHT TO BE LOWERED AND REDUCE THE RISK OF DRIFT:08/19; PER 2019 WSR NOMINATION COMMENT: GOOD IPM FIT; ADDING A CHEMICAL WEED CONTROL OPTION FOR HEMP WILL AID IN OVERALL WEED MANAGEMENT PRACTICES INCLUDING CULTURAL AND MECHANICAL CONTROL; CHEMICAL CONTROL WILL PROVIDE ANOTHER WEED MANAGEMENT TOOL; USE OF MULTIPLE METHODS OF WEED CONTROL IS CONSISTENT WITH GOOD INTEGRATED WEED MANAGEMENT PRACTICES:09/19

IPM Comments from Nomination Process:

; Unknown: : Marylee Ross

	Lingenfelter, Dwight	P18-PA-DMP	RECD	NONE	MAESTRO/BUCTRIL AT 1 PT/A + NIS POST; LOW INJURY, AND NO YIELD REDUCTION.
	Flessner, Michael L.	P17-VA-DMP	RECD	NONE	BUCTRIL AT 1 PT/A + NIS POST; LOW INJURY, AND NO YIELD REDUCTION.
	Flessner, Michael L.	P17-VA-DMP	RECD	NONE	BUCTRIL AT 1 PT/A + NIS POST; VIRTUALLY NO INJURY, AND NO YIELD REDUCTION.
	Byrd, Jabari	P18-VA-DMP	RECD	NONE	TWO FIELD TRIALS IN 2017 AND 2018. BUCTRIL AT 0.3 KG/HA POST; GOOD TO EXCELLENT CROP SAFETY; NO EFFECT ON YIELD.
	Pearce, Bob	P17-KY-DMP	RECD	NONE	BUCTRIL AT 0.75 PT/A POST; GOOD CROP SAFETY TO SEEDED AND TRANSPLANTED HEMP; NO EFFECT ON PLANT HEIGHT.
	Lingenfelter, Dwight	P18-PA-DMP	RECD	NONE	BUCTRIL AT 0.3 KG/HA POST; GOOD TO EXCELLENT CROP SAFETY; NO EFFECT ON YIELD.
	Howatt, Kirk	P18-ND-DMP	RECD	NONE	BUCTRIL 4EC AT 4 FL OZ AE/A POST (4-LF); GOOD CROP SAFETY/
	Ulrich, Daniel	P14-SK-DMP	RECD	NONE	BROMOXYNIL AT 144 AND 288 G AI/HA POST; LOW TO MODERATE INJURY TO 'FINOLA' VARIETY; YIELD HIGHER THAN UNTREATED WEED-FREE CHECK.
	Ulrich, Daniel	P14-SK-DMP	RECD	NONE	BROMOXYNIL AT 144 AND 288 G AI/HA POST; LOW INJURY TO 'CFX-2' VARIETY; YIELD HIGHER THAN UNTREATED WEED-FREE CHECK.
	Happ, Paul	P16-SK-DMP	RECD	NONE	BROMOXYNIL APPLIED POST AT 144 AND 288 G AI/HA TWICE OR AT 288 AND 576 G AI/HA ONCE; LOW INJURY TO 'PICOLO' VARIETY; NO EFFECT ON YIELD.
	Happ, Paul	P16-SK-DMP	RECD	NONE	BROMOXYNIL APPLIED POST AT 144 AND 288 G AI/HA TWICE OR AT 288 AND 576 G AI/HA ONCE; LOW TO MODERATE INITIAL INJURY WITH FULL RECOVERY TO 'KATANI' VARIETY; NO EFFECT ON YIELD.
	Ulrich, Daniel	P16-SK-DMP	RECD	NONE	BROMOXYNIL APPLIED POST AT 144 AND 288 G AI/HA TWICE OR AT 288 AND 576 G AI/HA ONCE; LOW TO MODERATE INITIAL INJURY WITH FULL RECOVERY TO 'CRS-1' VARIETY; NO EFFECT ON YIELD.
	Willenborg, Christian	P18-SK-DMP	RECD	NONE	TRIALS CONDUCTED IN 2016, 2017 AND 2018. BROMOXYNIL AT 280 AND 560 G AI/HA POST; OVERALL RESULTS SHOW LOW TO MODERATE INITIAL INJURY WITH GOOD RECOVERY TO ALL VARIETIES TESTED ('CANDA', 'CFX-2', 'CFX-1', 'CRS-1', 'DELORES', 'GRANDE', 'JOEY', 'KATANI', 'PICCOLO' AND 'X-59'); NO SIGNIFICANT EFFECT ON YIELD.
	Elmes, Monica	P99-ON-DMP	RECD	NONE	BROMOXYNIL AT 0.336 KG AI/HA POST (2-6 LF); MODERATE TO HIGH INJURY; NO SIGNIFICANT EFFECT ON YIELD.

	Pearce, Bob	P19-KY-DMP	RECD	NONE	BUCTRIL 2EC AT 16 AND 32 FL OZ /A EPOST; EXCELLENT CROP SAFETY TO SEEDED AND TRANSPLANTED HEMP; OVERALL CROP YIELD GENERALLY COMPARABLE TO WEED-FREE CHECK.
	Sosnoskie, Lynn	P20-NY-DMP	RECD	NONE	APPLIED POST ACCORDING TO LABEL RECOMMENDATIONS AND AT RATES REGISTERED FOR AGRONOMIC AND SPECIALTY CROPS; LOWEST INJURY (13%), AND HIGHEST PLANT BIOMASS AS % OF UNTREATED CHECK (85%) IN A GREENHOUSE TRIAL OF 11 PRODUCTS.

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13282	TIAFENACIL (ISK)	HOPS (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: CANADA THISTLE, ITALIAN RYEGRASS, KOCHIA OTHER ANNUAL DICOTS, AND MONOCOTS; POTENTIAL REPLACEMENT FOR PARAQUAT IN HOPS ACTIVITIES IN GRASSES WILL IMPROVE WEED CONTROL COMPARED TO CARFENTRAZONE

REQ STATES OR WA MI KY

NorthEast Region	NorthCentral Region	Southern Region	Western Region		Reduced Risk
				A	

PCR Use Pattern:

REVITON OR DCC-3825; 25 TO 50 G AI/HA (10 TO 30.3 G AI/A); 3 APPLICATIONS WITH 21 DAY RE-TREATMENT INTERVAL; SPRAY APPLICATION BASAL DIRECTED IN SEASON AND BROADCAST OVER THE TOP IN DORMANT AND SPRING PRUNING.; WITH THE FOLLOWING LIMITATIONS DCC 3825 HERBICIDE IS A CONTACT HERBICIDE FOR DIRECTED SPRAY APPLICATION TO THE BASAL PORTION, MAX RATE 30 G AI/A. 3 APPLICATIONS PER SEASON. HOP PLANTS MUST BE 6 FT TALL. DO NOT SPRAY THE GROWING TIPS OF THE SHOOTS AFTER TRAINING.

HQ Comments:

ALL DATA FROM PR# XH563 WAS MOVED TO P STUDY FOR THIS PR#: 07/21;

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR VERYGOODFIT, LOW HUMAN TOXICITY COMPARE TO PARAQUAT; SHORT-TERM SOIL LONGEVITY MAY ELIMINATE CONTAMINATION IN HOP CONES THROUGH THE SOIL DUST LIKE IS LIKELY OBSERVED IN PARAQUAT; RESISTANCE MANAGEMENT IN THE WESTERN USA AS GROUP 14 CASES ARE NOT YET PRESENT AND IN OREGON MANAGEMENT OF GLUFOSINATE-RESISTANT RYEGRASS;

Moretti, Marcelo	P21-OR-DMP	RECD	50 AND 100 G AI/HA POST; GOOD CROP SAFETY IN FIELD SCREENING TRIALS

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13165	S-METOLACHLOR/METOLACHLOR (SYNGEN,UPL NA)	PERENNIAL PEANUTS (PASTURE) (99=MISC GROUP)	RESEARCHABLE, RESIDUE & E/CS DATA NEEDED

Reasons for need: ANNUAL GRASSES, SEDGES, AND SMALL-SEEDED BROADLEAF WEEDS INCLUDING TROPICAL SPIDERWORT; THERE IS NO PREEMERGENCE HERBICIDE LABELED FOR PERENNIAL PEANUT; ADDITIONALLY, THERE ARE LIMITED POSTEMERGENCE HERBICIDE PRODUCTS LABELED FOR THIS CROP

REQ STATES FL

NorthEast Region	NorthCentral Region	Southern Region	A	Western Region	Reduced Risk

PCR Use Pattern:

USE THE DUAL MAGNUM PRODUCT; MAKE 2 APPLIC TO THE SOIL OF 1-1.33 PT/A (0.95-1.27 LB AI/A), IN A MINIMUM 10 GPA, AT LEAST 60 DAYS APART, 30-DAY PHI; APPLY AFTER PLANTING/SPRIGING PEANUT BUT PRIOR TO EMERGENCE; APPLY AFTER CUTTING BUT BEFORE PERENNIAL PEANUT STARTS GROWING ACTIVELY; APPLY DURING DORMANT SEASON WHILE PERENNIAL PEANUTS ARE NOT GROWING; DO NOT APPLY ON A MIXED STAND OF PERENNIAL PEANUT AND PERENNIAL FORAGE PASTURE

HQ Comments:

NO KEY EXPORT MARKET NOTED; THERE ARE TOLERANCES FOR S-MOC IN PEANUT, PEANUT HAY AND PEANUT MEAL, BUT MUST COMPARE THE USE PATTERN SUPPORTING THOSE TOLERANCES COMPARED WITH THE USE PATTERN REQUESTED HERE:08/20; SYNG SUPPORTS, RESIDUE AND E/CS DATA NEEDED:09/20; EPA GREEN:08/21

Nomination Justification:

(2021 FL) Few herbicides labelled for perennial peanut.;

IPM Comments from PCR:

PER REQUESTER: VERY GOOD IPM FIT; NEW MODE OF ACTION HERBICIDE FOR THIS CROP; LOW TOXICITY TO BENEFICIAL AND LOW OFF-TARGET MOVEMENT; EFFICACIOUS AND ECONOMICAL; REDUCE RESISTANCE SELECTION PRESSURE ON POST HERBICIDES; APPLICATION TIMING COMPATIBLE WITH WEED EMERGENCE:08/20

IPM Comments from Nomination Process:

; Very Good Fit: See requestor comments.: Janine Spies

2021 Food Use Workshop Priority 'A' Nominations

Weed Science

Date: 9/2/2021

PR#	CHEMICAL (MFG)	COMMODITY (CROP GROUP)	PROJECT STATUS
13258	NAPROPAMIDE (UPL NA)	QUINOA (99=MISC GROUP)	UNDER EVALUATION

Reasons for need: MANY HERBICIDES CAUSE UNACCEPTABLE CROP INJURY. DEVRINOL HAS SHOWN THE BEST CROP SAFETY OF THOSE TESTED IN THE FIELD.

REQ STATES ID

NorthEast Region	NorthCentral Region	Southern Region	Western Region	A	Reduced Risk

PCR Use Pattern:

DEVRINOL; 1-2 POUND(S) AI PER ACRE AS PRE-EMERGENCE, BROADCAST; ONE APPLICATION; PHI IS UNKNOWN;

HQ Comments:

EPA (HOLD) CAUTION: 08/21

Nomination Justification:

(2021 CA) See previous;

IPM Comments from PCR:

PER REQUESTOR GOODFIT; THIS PRODUCT HAS GOOD EFFICACY AND LOW CROP INJURY. WE HOPE TO MANAGE AGAINST HERBICIDE RESISTANCE, BY USING A MORE EFFECTIVE HERBICIDE, THUS RESULTING IN LESS HERBICIDE TREATMENTS.

Hutchinson, Pamela J.S.	P20-ID-DMP	RECD	DEVRINOL AT 1, 2 AND 4 LB PROD/A PRE; GOOD CROP SAFETY.

Total # of PRs:	**88**
Total # of Trials:	**167**
Total # Chemical:	**41**
Total # Commodity:	**55**