

FIFRA Section 2(ee) Recommendation



THE RECOMMENDATION IS FOR THE STATES OF AL, AR, CO, CT, DE, FL, GA, IA, ID, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, MT, NC, ND, NE, NH, NJ, NM, OH, OK, OR, PA, RI, SC, SD, TN, VA, VT, WA, WI, WV, WY



EPA Reg. No. 70506-68-59639

TANK MIX WITH FIERCE® HERBICIDE, FIERCE EZ HERBICIDE, FIERCE XLT SOYBEAN HERBICIDE, VALOR® SX HERBICIDE, VALOR EZ HERBICIDE², VALOR XLT SOYBEAN HERBICIDE, WARRANT® HERBICIDE, WARRANT ULTRA HERBICIDE FOR USE ON SOYBEANS

This FIFRA Section 2(ee) Recommendation expires December 31, 2025

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

This recommendation is made as permitted under FIFRA Section 2(ee) and has not been submitted to or approved by the EPA. This 2(ee) recommendation contains directions for use, which do not appear on the package label and must be in the possession of the user at the time of Mauler™ Herbicide application. Follow all applicable directions, restrictions and precautions on the EPA registered labels when using *Mauler* Herbicide alone or in tank mix combinations. The most restrictive labeling applies when using a tank mix.

It is the pesticide user's responsibility to ensure that all products and potential tank mixes on this label are registered in their state before use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

Pre-emergence Tank Mix Application on Soybeans with *Fierce* Herbicide

Apply *Mauler* Herbicide in a tank mix combination with *Fierce* Herbicide as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below. Refer to the weed table in this label for weeds controlled.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES			
<i>Mauler</i> Herbicide Plus <i>Fierce</i> Herbicide (59639-193) Tank Mix, Pre-emergence Application			
SOIL TEXTURE	Organic Matter (> 0.5%)		
	<i>Mauler</i> Herbicide (fl oz/A)		<i>Fierce</i> Herbicide (oz/A)
	6	Plus	3 to 3.75
Restriction: Do not use on muck soils.			

Pre-emergence Tank Mix Application on Soybeans with *Fierce* EZ Herbicide

Apply *Mauler* Herbicide in a tank mix combination with *Fierce* EZ Herbicide as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below. Refer to the weed table in this label for weeds controlled.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES			
Mauler Herbicide Plus Fierce EZ Herbicide (59639-237) Tank Mix, Pre-emergence Application			
SOIL TEXTURE	Organic Matter (> 0.5%)		
	Mauler Herbicide (fl oz/A)		Fierce EZ Herbicide (fl oz/A)
	6	Plus	6 to 7.5
Restriction: Do not use on muck soils.			

Pre-emergence Tank Mix Application on Soybeans with *Fierce* XLT Soybean Herbicide

Apply *Mauler* Herbicide in a tank mix combination with *Fierce* XLT Soybean Herbicide as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES			
<i>Mauler</i> Herbicide Plus <i>Fierce</i> XLT Soybean Herbicide (59639-194) Tank Mix, Pre-emergence Application			
SOIL TEXTURE	Organic Matter (> 0.5%)		
	<i>Mauler</i> Herbicide (fl oz/A)		<i>Fierce</i> XLT Soybean Herbicide (oz/A)
	6	Plus	4
Restriction: Do not use on muck soils.			

Pre-emergence Tank Mix Application on Soybeans with *Valor* SX Herbicide

Apply *Mauler* Herbicide in a tank mix combination with *Valor* SX Herbicide as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES			
<i>Mauler</i> Herbicide Plus <i>Valor</i> SX Herbicide (59639-99) Tank Mix, Pre-emergence Application			
SOIL TEXTURE	Organic Matter (> 0.5%)		
	<i>Mauler</i> Herbicide (fl oz/A)		<i>Valor</i> SX Herbicide (oz/A)

COARSE (Sandy loam)	6 to 8	Plus	2 to 3
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)			
FINE (Silty clay, silty clay loam, clay, clay loam)			
Restriction: Do not use on muck soils.			

Pre-emergence Tank Mix Application on Soybeans with *Valor* EZ Herbicide²

Apply *Mauler* Herbicide in a tank mix combination with *Valor* EZ Herbicide² as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES				
Mauler Herbicide Plus Valor EZ Herbicide ² (59639-221) Tank Mix, Pre-emergence Application				
SOIL TEXTURE	Organic Matter (> 0.5%)			
	Mauler Herbicide (fl oz/A)		Valor EZ Herbicide ² (fl oz/A)	
	COARSE (Sandy loam)	6 to 8	Plus	2 to 3
	MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)			
FINE (Silty clay, silty clay loam, clay, clay loam)				
Restriction: Do not use on muck soils.				

Pre-emergence Tank Mix Application on Soybeans with *Valor* XLT Soybean Herbicide

Apply *Mauler* Herbicide in a tank mix combination with *Valor* XLT Soybean Herbicide as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES			
Mauler Herbicide Plus Valor XLT Soybean Herbicide (59639-117) Tank Mix, Pre-emergence Application			
SOIL TEXTURE	Organic Matter (> 0.5%)		
	Mauler Herbicide (fl oz/A)		Valor XLT Soybean Herbicide (oz/A)
	6 to 8	Plus	2 to 3
Restriction: Do not use on muck soils.			

Pre-emergence Tank Mix Application on Soybeans with Warrant Herbicide

Mauler Herbicide may be used in a tank mix combination with Warrant Herbicide as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES						
<i>Mauler Herbicide Plus Warrant Herbicide (524-591) Tank Mix, Pre-emergence Application</i>						
SOIL TEXTURE	Organic Matter					
	1/2 to 3%			Over 3%		
	<i>Mauler Herbicide</i> (fl oz/A)		<i>Warrant Herbicide</i> (quarts/A)	<i>Mauler Herbicide</i> (fl oz/A)		<i>Warrant Herbicide</i> (quarts/A)
COARSE (Sandy loam)	4 to 8	Plus	1.25 to 1.7	4 to 8	Plus	1.25 to 1.7
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)	4 to 8	Plus	1.25 to 1.9	4 to 8	Plus	1.25 to 1.9
FINE (Silty clay, silty clay loam, clay, clay loam)	4 to 8	Plus	1.25 to 2.0	4 to 8	Plus	1.25 to 2.0
Restriction: Do not use on muck soils.						

Pre-emergence Tank Mix Application on Soybeans with Warrant Ultra Herbicide

Mauler Herbicide may be used in a tank mix combination with *Warrant Ultra Herbicide* as a pre-emergence broadcast application to soybeans in accordance with the specified soil types and dosages below.

For specific information regarding spray equipment, dilution rates, mixing, directions for use, methods of application, limitations and restrictions refer to both product labels.

BROADCAST RATES						
<i>Mauler Herbicide Plus Warrant Ultra Herbicide (524-620) Tank Mix, Pre-emergence Application</i>						
SOIL TEXTURE	Organic Matter					
	1/2 to 3%			Over 3%		
	<i>Mauler Herbicide</i> (fl oz/A)		<i>Warrant Ultra Herbicide</i> (fl oz/A)	<i>Mauler Herbicide</i> (fl oz/A)		<i>Warrant Ultra Herbicide</i> (fl oz/A)
COARSE (Sandy loam)	4 to 8	Plus	48	4 to 8	Plus	48 to 60
MEDIUM (Loam, silt loam, silt, sandy clay, sandy clay loam)	4 to 8	Plus	48 to 55	4 to 8	Plus	48 to 65
FINE (Silty clay, silty clay loam, clay, clay loam)	4 to 8	Plus	48 to 60	4 to 8	Plus	48 to 70
Restriction: Do not use on muck soils.						

WEEDS CONTROLLED BY MAULER HERBICIDE AND TANK MIX PARTNERS

C= Control
 S= Suspension or Erratic Control
 P= Poor or No Control
 O=No Information (control may range from poor to excellent)

ANNUAL BROADLEAF WEEDS	Fierce or Fierce EZ Herbicide	Fierce XLT Soybean Herbicide	Valor SX Herbicide	Valor EZ Herbicide²	Valor XLT Soybean Herbicide	Warrant Herbicide	Warrant Ultra Herbicide
Black Nightshade (<i>Solanum nigrum</i>)	C	C	C	C	C	S	C
Bristly Starbur (<i>Acanthospermum hispidum</i>)	C	C	C	C	C	C	C
Buffalobur (<i>Solanum rostratum</i>)	C	C	C	C	C	C	C
Carpeweed (<i>Mollugo verticillata</i>)	C	C	C	C	C	C	C
Cocklebur (<i>Xanthium pensylvanicum</i>)	P	C	P	P	C	S	S
Copperleaf, Hophornbeam (<i>Acalypha ostryaefolia</i>)	C	C	C	C	C	C	C
Florida Beggarweed (<i>Desmodium tortuosum</i>)	C	C	C	C	C	C	C
Florida Pusley (<i>Richardia scabra</i>)	C	C	C	C	C	C	C
Galinsoga (<i>Galinsoga</i> spp.)	C	C	C	C	C	C	C
Horseweed Maretail (<i>Conyza canadensis</i>)	C	C	C	C	C	O	C
Jimsonweed (<i>Datura stramonium</i>)	C	C	C	C	C	C	C
Knotweed (<i>Polygonum</i> spp.)	S	S	P	P	S	C	C
Kochia (<i>Kochia scoparia</i>)	C	C	C	C	C	C	C
Lambsquarters (<i>Chenopodium</i> spp.)	C	C	C	C	C	C	C
Morningglory, Ivyleaf (<i>Ipomoea hederacea</i>)	C	C	C	C	C	P	C
Morningglory, Pitted (<i>Ipomoea lacunose</i>)	C	C	C	C	C	P	C
Morningglory, Smallflower (<i>Jacquemontia tamnifolia</i>)	C	C	C	C	C	P	C
Morningglory, Tall (<i>Ipomoea purpurea</i>)	C	C	C	C	C	P	C
Pigweeds (<i>Amaranthus</i> spp.)	C	C	C	C	C	C	C
Prickly Sida/Teaweed (<i>Sida spinosa</i>)	C	C	C	C	C	C	C
Purslane (<i>Portulaca oleracea</i>)	C	C	C	C	C	C	C
Ragweed, Common (<i>Ambrosia artemisiifolia</i>)	C	C	S	S	C	C	C
Redweed (<i>Melochia corchorifolia</i>)	C	C	S	S	S	C	C
Russian Thistle (<i>Salsola kali</i>)	C	C	C	C	C	C	C
Sesbania (<i>Sesbania</i> spp.)	C	C	C	C	C	C	C
Shepherd's Purse (<i>Capsella bursa-pastoris</i>)	C	C	C	C	C	C	C
Sicklepod (<i>Cassia obtusifolia</i>)	S	C	P	P	S	C	S
Smartweeds (<i>Polygonum</i> spp.)	S	S	P	P	S	C	C
Spotted Spurge (<i>Euphorbia maculata</i>)	C	C	C	C	C	C	C
Spurred Anoda (<i>Anoda cristata</i>)	C	C	C	C	C	C	C
Sunflower (<i>Helianthus</i> spp.)	S	S	P	P	S	C	S
Velvetleaf (<i>Abutilon theophrasti</i>)	C	C	C	C	C	C	C
Venice Mallow (<i>Hibiscus trionum</i>)	C	C	C	C	C	C	C
Wild Mustards (<i>Brassica</i> spp.)	C	C	C	C	C	C	C

WEEDS CONTROLLED BY MAULER HERBICIDE AND TANK MIX PARTNERS continued

C= Control S= Suspension or Erratic Control P= Poor or No Control O=No Information (control may range from poor to excellent)							
ANNUAL GRASSES	Fierce or Fierce EZ Herbicide	Fierce XLT Soybean Herbicide	Valor SX Herbicide	Valor EZ Herbicide ²	Valor XLT Soybean Herbicide	Warrant Herbicide	Warrant Ultra Herbicide
Barnyard Grass (<i>Echinochloa crus-galli</i>)	C	C	S	S	S	C	C
Bluegrass (<i>Poa annua</i>)	C	C	S	S	S	C	C
Broadleaf Signalgrass (<i>Brachiaria</i>)	C	C	S	S	S	C	C
Browntop Millet (<i>Panicum ramosum</i>)	S	S	P	P	P	C	S
Crabgrass (<i>Digitaria</i> spp.)	C	C	S	S	S	C	C
Crowfoot Grass (<i>Dactyloctenium</i>)	S	S	S	S	S	C	S
Cupgrass (<i>Eriochloa gracillis</i>)	C	C	S	S	S	S	C
Foxtails (<i>Setaria</i> spp.)	C	C	S	S	S	C	C
Goosegrass (<i>Eleusine indica</i>)	C	C	S	S	S	C	C
Johnsongrass, Seedling (<i>Sorghum</i>)	C	C	P	P	P	S	S
Junglerice (<i>Echinochloa colonum</i>)	C	C	S	S	S	C	C
Nutsedge, Yellow (<i>Cyperus esculentus</i>)	P	P	P	P	P	S	P
Panicum, Fall (<i>Panicum dichotomiflorum</i>)	C	C	S	S	S	C	C
Panicum, Texas (<i>Panicum texanum</i>)	C	C	S	S	S	S	S
Red Rice (<i>Oryza sativa</i>)	C	C	S	S	S	C	C
Sandbur (<i>Cenchrus</i> spp.)	P	P	P	P	P	S	S
Shattercane (<i>Sorghum bicolor</i>)	S	S	P	P	P	S	S
Sorghum, Volunteer (<i>Sorghum</i> spp.)	S	S	P	P	P	S	S
Sprangletop (<i>Leptochloa</i> spp.)	S	S	S	S	S	C	C
Stinkgrass (<i>Eragrostis</i> spp.)	S	S	S	S	S	C	C
Wheat, Volunteer (<i>Triticum</i> spp.)	P	P	P	P	P	S	P
Witchgrass (<i>Panicum capillare</i>)	C	C	S	S	S	C	C

Please contact Valent U.S.A. LLC at 800-6-VALENT (682-5368) to determine if this product is registered in your state.

Fierce, *Mauler* and *Valor* are trademark and registered trademarks of Valent U.S.A. LLC
 Warrant is a registered trademark of Monsanto Technology LLC

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