

Spartan® Charge Herbicide



SUNFLOWERS

Product Information:

For a cleaner, faster start, Spartan® Charge herbicide provides sunflower growers excellent residual control of troublesome broadleaf weeds including ALS- and glyphosate-resistant kochia, plus preplant burndown of broadleaf weeds. Spartan Charge herbicide can be applied preplant or as a preplant burndown with herbicides such as glyphosate. It is also a great fit for no-till, minimum-till and conventional sunflowers.

Spartan Charge herbicide provides excellent kochia control with its active ingredient, sulfentrazone. Applying this herbicide before weeds such as kochia have the chance to germinate is key to controlling troublesome weeds for sunflower growers.



Quick Facts:

- Provides a strong combination of burndown plus residual control of the key yield-robbing broadleaf weeds in sunflowers including kochia, Russian thistle, pigweeds and lambsquarters.
- Fast preplant burndown activity: Fast acting on kochia and other broadleaf weeds in sunflower fields, even in the colder weather conditions seen in the Northern Plains.
- Can be applied alone as a preemergence foundation treatment for broadleaf control or in a tank mix with glyphosate and other preplant burndown and residual herbicides.
- Shorter rotation intervals: Greater crop flexibility means its rotation intervals allow you to apply Spartan Charge herbicide in the fall.
- Effective on ALS- and glyphosate-resistant weeds: Multiple modes of action offer an excellent tool in weed resistance management.

Application Timing:

Fall Application:

May be applied in the fall following crop harvest or in existing fallow fields to control or suppress weeds the following season.

Preplant Burndown, Early Preplant and Preemergence Applications:

Apply alone or with other herbicides or liquid fertilizers as a burndown or preemergence treatment prior to planting or up to three days after planting sunflowers.

Target Weeds:

Preemergent control:

Amaranth, Palmer	Pigweed, red root
Filaree, redstem	Pigweed, smooth
Kochia (ALS and triazine resistant)	Sida, prickly
Lambsquarters, common	Thistle, Russian
Morningglory (ivyleaf, tall)	Waterhemp, common
Nightshade, Eastern black	Waterhemp, tall

Precautions/Restrictions:

Do not apply after crop emergence or if the seedling is close to the soil surface as undesirable crop response may occur. Do not apply more than 10.2 fl. oz./A of Spartan® Charge herbicide per year.

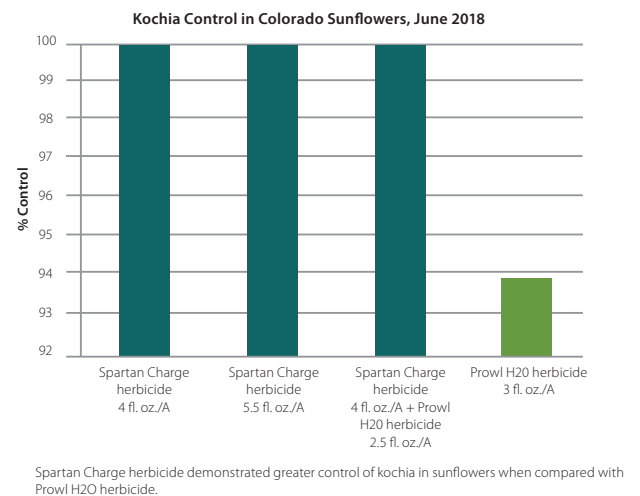
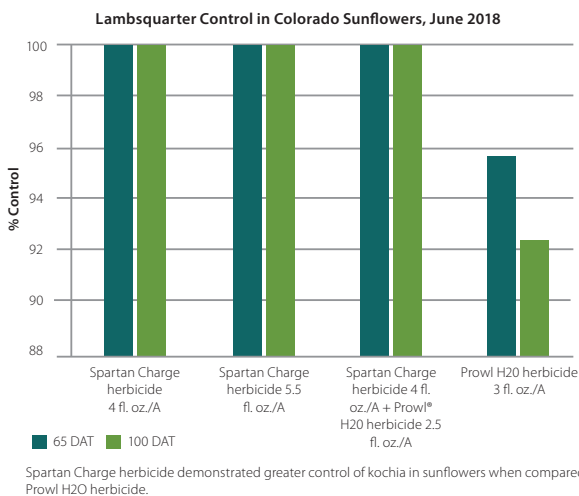
Please see product label for a complete list of restrictions.

Spartan Charge Herbicide Use Rates - Sunflowers

Broadcast rate	Fluid ounces (lb. ai) Spartan Charge herbicide per acre			
	% Organic Matter	Coarse	Medium	Fine
<1.5		3.8 (0.10) – 5.0 (0.14)	3.8 (0.10) – 5.75 (0.16)	5.0 (0.14) – 6.7 (0.18)
1.5-3.0		3.8 (0.10) – 5.75 (0.16)	5.0 (0.14) – 7.75 (0.21)	5.75 (0.16) – 8.6 (0.23)
>3.0		5.0 (0.14) – 7.75 (0.21)	5.75 (0.16) – 8.6 (0.23)	7.75 (0.21) – 10.2 (0.28)

Use higher rates for soils with pH less than 7.0 and lowest rate for pH greater than 7.0 within the rate range.

Spartan Charge Herbicide on ExpressSun® Sunflowers



5.1 oz./A Spartan Charge herbicide



Untreated



Hettinger, ND, July 2018

To learn more about Spartan Charge herbicide for sunflowers, contact your FMC retailer or visit FMCCROP.com

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