



## Registered Herbicides for Sunflower

*Be sure to know if your hybrid is herbicide tolerant and the applicable herbicide.*

### Pre-Emerge Herbicides:

Herbicide	Crop Stage	Rates	Weeds Effected	Tank Mixes	Rainfast	Ground vs. Aerial	Notes
Edge	Pre-emerge	Rates vary with Application season and soil type. See label for details	Grasses and Broadleaf	N/A	No effect once incorporated	Ground	Two incorporations are needed. One within 24 hours of application, the second <b>no sooner</b> than three days after the first incorporation.
Trifluralin – Treflan Bonanza Rival	Pre-emerge	Rates vary with Application season and soil type. See label for details	Grasses and Broadleaf	None	No restrictions. Flooding may reduce weed control	Ground only	Two incorporations are needed. One within 24 hours of application, the second <b>no sooner</b> than three days after the first incorporation.
Authority	Pre-emerge	32-52 ac See product label for details and weeds controlled	Kochia, Red root Pigweed, Lambsquarters, Wild buckwheat, Cleavers(Suppression)	Glyphosate	Rainfall following application is required for adequate weed control.	Do not apply by air	Do not apply to coarse textured sandy soils with less than 1% organic matter, medium/fine soils with less than 1.5% OM or higher than 6% OM, as well as soils with pH of above 7.8
Authority Charge	Pre-emerge	One case treats 64-80 acres. See product label for details and weeds controlled	Kochia, Red root Pigweed, Lambsquarters, Wild buckwheat, Cleavers(Suppression)	Glyphosate	6-8 hours	-Do not apply by air	Do not apply to coarse textured sandy soils with less than 1% organic matter, medium/fine soils with less than 1.5% OM or higher than 6% OM, as well as soils with pH of above 7.8

*The above chart does not include all label information and is meant to be a guideline. For further detail consult "The Field Guide to Crop Protection", the chemical label, or contact your local chemical representative.*

**In-Crop Herbicides:**

Herbicide	Crop Stage	Rates	Weeds Effected	Tank Mixes	Rainfast	Ground vs. Aerial	Notes
Assert 300 SC	2-8 leaf V2 – V8	32ac/jug 0.34L/ac	Wild Oat, Stinkweed, Wild Mustard	Select (Supported by Arysta Life Science)	6 hours	Do not apply by air	Do not apply higher Than registered rates
Express SG	2-8 leaf V2 – V8	6g/ac + Hasten if applied alone	Broadleaf	Assure II	1 hour	Do not apply by air	For best results: fill sprayer half full, add Express and agitate for 5 min.
Solo	2-8 leaf V2 – V8	40ac/container 11.7g/ac	Grasses and Broadleaf	None registered	3 hours	Do not apply by air	
Muster toss-N-Go	2-8 leaf V2 – V8	8-12g/ac 40-27ac/ Muster applied alone requires additional adjuvants	Broadleaf	Assure II Poast Ultra	4-6 hours	Do not apply by air	Do not apply with boron products
Assure II	VE – V12	54 – 40ac/ container	Grassy Weeds, Vol. Cereals, Vol. Corn	Express SG	1 hour	May be applied by air when applied alone	
Centurion	VE – V12	20 – 60 ac/ Container	Grassy Weeds, Vol. Cereals, Vol. Corn		1 hour	May be applied by air when applied alone	
Select	VE – V12	20 – 60 ac/ Container	Grassy Weeds, Vol. Cereals, Vol. Corn	Assert 300 SC	1 hour	May be applied by air when applied alone	
Shadow / Arrow	VE – V12	20 – 60 ac/ Container	Grassy Weeds, Vol. Cereals, Vol. Corn		1 hour	May be applied by air when applied alone	Arrow cannot be applied by air

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