



# Soybean Platform Herbicide Label Highlights



	Enlist One™ with Colex-D® Technology	Xtendimax® with VaporGrip® Technology <sup>1</sup>	Roundup POWERMAX <sup>2</sup>	Liberty® 280 SL <sup>2</sup>
<b>Mode of Action</b>	2,4-D Choline (Group 4 - Growth Regulator)	DGA salt of Dicamba (Group 4 - Growth Regulator)	Glyphosate (Group 9 - Amino Acid Synthesis Inhibitor)	Glufosinate (Group 10 - Nitrogen Metabolism Inhibitor)
<b>Formulation Improved for Drift and Volatility</b>	Yes	Yes	No	No
<b>Wind Speed</b>	≤15 mph	3-10 mph	Avoid gusty, high velocity wind	2+ (recommended 2-10 mph)
<b>Droplet Size<sup>3</sup></b>	Very Coarse to Ultra Coarse; Nozzle- and pressure-dependent	Extra Coarse to Ultra Coarse; Nozzle- and pressure-dependent	Avoid generating fine mist	Medium to Coarse
<b>Tank Cleanout</b>	Triple Rinse <sup>4</sup> ; Tank Cleaner on 2nd Rinse	Triple Rinse; Tank Cleaner on 2nd Rinse	Not stated	Triple Rinse; Tank Cleaner on 2nd Rinse
<b>Tank-Mixing Glyphosate</b>	Yes – Also available premixed as Enlist Duo®	Yes – Requires additional Drift Reducing Adjuvant and cannot include AMS	NA	Not recommended
<b>AMS</b>	Yes	No	Yes	Yes
<b>Buffers – Sensitive Areas</b>	30' downwind buffer	110-220' downwind buffer; rate dependent	None listed for ground application	Only apply when drift potential is minimal
<b>Susceptible Crops - Label Restricts Application if Downwind and Wind is Present</b>	Cotton, Fruiting Vegetables, Cucurbits, Grapes	Soybeans, Cotton, Fruiting Vegetables, Fruit Trees, Cucurbits, Beans, Peas, Flowers, Grapes, Ornamentals, Potatoes, Sunflowers, Tobacco	None listed for ground application	None listed for ground application
<b>Rainfast</b>	24 hours	24 hours	4 hours	4 hours
<b>Gallons per Acre</b>	10-15	15+	5-20	15+
<b>Pre-Harvest Interval</b>	30 days	14 days	14 days	70 days
<b>Latest Application</b>	R2	R1	R2	R1

**ALWAYS READ AND FOLLOW LABEL DIRECTIONS.** Some products may not be registered in all states and may be subject to additional label restrictions in some states or counties. All products are registered trademarks of their manufacturer.

<sup>1</sup> Xtendimax with VaporGrip Technology is a Restricted Use Pesticide.

<sup>2</sup> Label application requirements for other formulations of this active ingredient may differ from information presented here. Always read and follow label directions.

<sup>3</sup> Either stated on the herbicide label or on approved nozzles at approved pressures.

<sup>4</sup> Single rinse required if crop following application of Enlist Duo® is glyphosate tolerant corn.



# Soybean Platform Herbicide Weed Control Efficacy Chart



	2,4-D	Dicamba	Glyphosate	Liberty <sup>®</sup>
Barnyard Grass	✘	✘	●	●
Crabgrass	✘	✘	●	●
Downy Brome	✘	✘	●	Insufficient Information
Fall Panicum	✘	✘	●	●
Green Foxtail	✘	✘	●	●
Quackgrass	✘	✘	●	●
Shattercane	✘	✘	●	●
Volunteer Cereals	✘	✘	●	●
Wild Oat	✘	✘	●	●
Woolly Cupgrass	✘	✘	●	●
Yellow Foxtail	✘	✘	●	●
Annual Smartweed	●	●	●	●
Biennial Wormwood	●	●	●	●
Canada Thistle	●	●	●	●
Common Cocklebur	●	●	●	●
Common Mallow	●	●	●	●
Common Ragweed*	●	●	●	✘
Eastern Black Nightshade	●	●	●	●
Giant Ragweed*	●	●	●	✘
Hairy Nightshade	●	●	●	●
Horseweed (Marestail)*	●	●	●	✘
Kochia*	●	●	●	✘
Lambsquarter*	●	●	●	✘
Lanceleaf Sage	●	●	●	●
Marshelder	●	●	●	●
Palmer Amaranth*	●	●	●	✘
Prickly Lettuce	●	●	●	●
Redroot Pigweed	●	●	●	●
Russian Thistle	●	●	●	●
Sunflower	●	●	●	●
Velvetleaf	●	●	●	●
Waterhemp*	●	●	●	✘
Wild Buckwheat	●	●	●	●
Wild Mustard	●	●	●	●
Winter Annual Mustard	●	●	●	●

\* REDUCED or NO CONTROL where resistant biotypes have developed

● = Excellent: 90% - 100% control

● = Good: 80% - 89% control

● = Fair: 65% - 79% control

● = Poor: 40% - 64% control

✘ = No Control: 0% - 39% control

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Ratings data combined from ISU, Purdue, and NDSU Weed Control Guides 2018