

Postemergence herbicide options on Enlist™ Acres

Enlist Duo®	Enlist One® + Liberty® Herbicide	Enlist One® + Glyphosate
Enlist Duo @ 4.75 pt./A	Enlist One @ 32 oz./A	Enlist One @ 32 oz./A
AMS @ 2 lbs./A COC @ 1% V/V	Liberty herbicide @ 32 oz./A AMS @ 3 lbs./A + COC @ 1% V/V Select Max® @ 8 – 16 oz./A	Durango DMA @ 32 oz./A AMS @ 2 lbs./A COC @ 1% V/V

Check EnlistTankMix.com for all qualified adjuvants, nutritionals, glyphosate, insecticide, and residual tank mix partners

Application Requirements

Carrier Volume & Water Conditioner:

- Use 15 GPA for best coverage when applying Enlist Herbicides with glyphosate along with AMS @ 2 lbs./A
- Use 20 GPA when tank-mixing Enlist One with Liberty along with AMS @ 3 lbs./A

Wind Speed: Recommended 3-10 mph. MAX of 15 mph on federal label.

Applications Per Year: 1 pre-emerge application, 2 post-emerge applications. Allow a minimum of 12 days between applications.

Adjuvants: COC recommended when weeds are hardened off during dry weather or exceed label height. Reduce COC rate to 0.5% V/V when adding oil-based residual herbicides such as EverpreX®. Increased crop response is expected prior to V3 growth stage. Cosmetic speckling due to adjuvant load is typical and only appears on trifoliate present at the time of application.

Crop Stage: Preplant through R2 (Full Bloom) Note that other tank mix partners might be more restrictive.

Program Approach: The use of residual herbicides prior to planting (ex. Sonic®) are required to receive any respray support in the situation of product non-performance. The use of overlapping residuals in-crop (ex. EverpreX®) paired with preplant group 14 herbicides (ex. Trivence®) is needed for resistance management and longevity of the Enlist Weed Control System®. Always tank mix Enlist One with either an approved glyphosate or glufosinate.

Controlling Volunteer Corn with Enlist™ Herbicides

To overcome any reduction in volunteer corn control when tank mixing with Enlist One® herbicide, the recommendation from Valent regarding Select Max® is:

1. Increase the rate of Select Max by 30%
2. Use COC (crop oil concentrate) along with AMS

Reference the EnlistTankMix.com website for the approved tank mix partners of NIS, COC, AMS

Volunteer Corn Height	Volunteer Corn Stage	Select Max® rate when applied with Enlist One® or other broadleaf products that are antagonizing
12 in	≤ V4	8 fl oz/A
24 in	V5-V7	12 fl oz/A
36 in	≥ V8	16 fl oz/A

Optimizing a tank mix of Enlist One® + Liberty® with Enlist™ Crops

Rate: 2 pt./A (32 oz.) of Enlist One® + 32 oz./A of Liberty® herbicide

Carrier: 20 GPA

Weed Size: Less than 3"

Crop Stage: Up to bloom or R1 growth stage

Adjuvants: 3 lbs./A AMS (must use approved AMS source(s) from EnlistTankMix.com)

Nozzles: Use nozzle and corresponding spray pressure from the qualified list for Enlist One. Optimize coverage with qualified nozzles by using less coarse nozzle and higher operating pressure. Preferred approved nozzles are AIXR 11004, 11005, 11006.

Weather: Avoid low humidity and cloudy conditions to maximize efficacy of Liberty herbicide.

Time of Day: Recommended spraying time is between 2 hours after dawn and 2 hours before sunset to maximize efficacy of Liberty herbicide.

Tank Mixing with Enlist™ Herbicides

Ensure ALL tank mix partners are approved for mixing with the selected Enlist™ herbicide. Note that each herbicide has different approved products. See www.EnlistTankMix.com for details.

Begin with tank half-full of water carrier, start agitation and continue throughout mixing process.

Add products one at a time, ensuring each is fully mixed, in the following order:

1. AMS/water conditioning agents	6. Capsule suspension (CS) or suspension emulsion (SE)
2. Pre-slurry water-soluble packets	7. Emulsifiable concentrate (EC) <ul style="list-style-type: none"> • Such as S-metolachlor (EverpreX™)
3. Wettable powders/dry flowables <ul style="list-style-type: none"> • Sonic®, Surveil®, Envive®, Enlite®, Afforia® 	8. Soluble liquids (SL) *SEE NOTE ON MIXING BELOW* <ul style="list-style-type: none"> • Glyphosate products, including Durango®, DMA® and Abundit® Edge • Glufosinate products, including Liberty® • Enlist Duo® at 4.75 pt/A or Enlist One® at 2 pt./A
4. Compatibility agents	9. Crop oil concentrate (COC), NIS, other adjuvants
5. Liquid flowables	10. Top off with water carrier

Note on mixing with glyphosate and glufosinate products

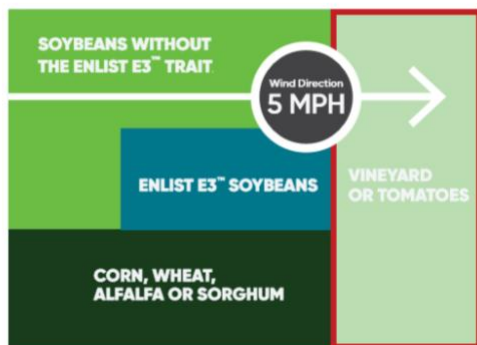
When mixing with Enlist One, do not pour glyphosate/glufosinate products into the tank/inductor at the same time as Enlist One, and do not allow concentrated products to come into contact. Add products one at a time, allowing enough time for recirculation between additions of each separate product. Adding at least 50 gal of water between products is recommended. Failure to add products one at a time, use sufficient water during agitation, or allow sufficient agitation may result in salting out.

Enlist™ Herbicide Buffers and Application Restrictions

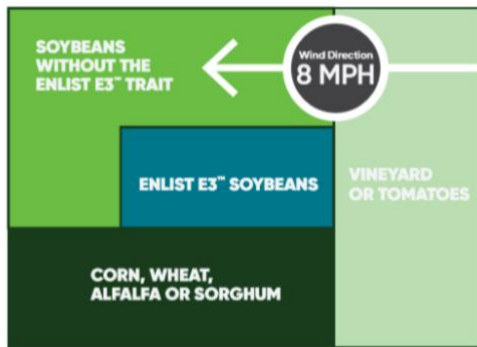
Susceptible crops



If an adjacent susceptible crop is downwind, DO NOT SPRAY an Enlist™ herbicide. Use Liberty® herbicide or glyphosate to stay ahead of weeds if necessary.

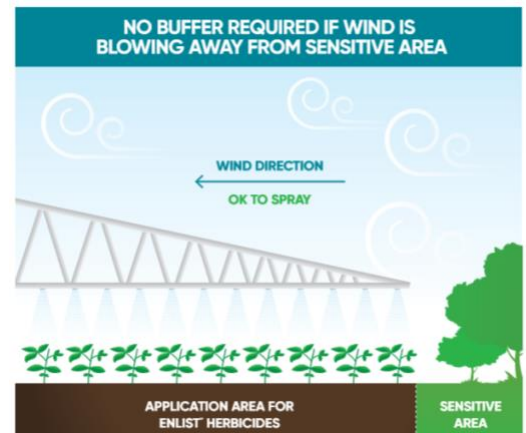


It's OK to spray when wind is blowing away from susceptible crops and toward soybeans without the Enlist E3™ trait. Soybeans without the Enlist E3 trait are not a susceptible crop.



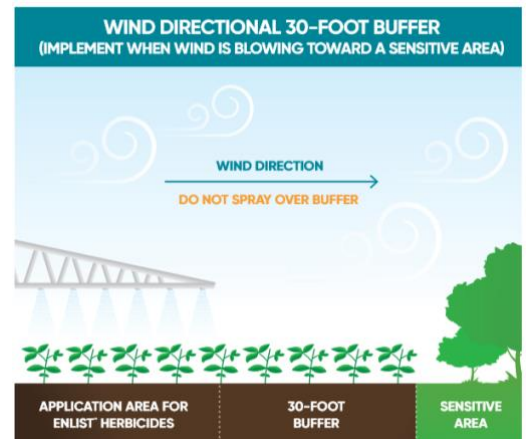
Sensitive areas

Sensitive areas are places that could harbor an endangered species. A 30' wind directional buffer is required for sensitive areas.



Examples of NON-Sensitive areas:

- 1) Roads
- 2) Planted agricultural fields, or fields that have been prepared for planting
- 3) Areas covered by the footprint of a building, or man-made structure



Examples of Susceptible Crops	Examples of Non-Susceptible (Compatible) Crops
Cotton without Enlist™ trait	Soybeans without Enlist™ trait
Grapes	Corn
Cucurbits	Wheat
Fruiting vegetables	Alfalfa
Tomatoes	Sorghum

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