

## Application Requirements for Enlist E3<sup>®</sup> Soybeans

Ensure runoff mitigation strategies are in place in accordance with 2022 label update

<b>Start clean with burndown or tillage</b>	<b>Apply a soil residual herbicide</b>	<b>Apply first post application + approved in-crop residual</b>	<b>Finish strong with a second in-crop application</b>
<p>Enlist<sup>™</sup> Herbicides can be applied one time pre-plant (no plant back restrictions for E3<sup>®</sup> soybeans)</p>	<p>Use a Corteva foundation residual:</p> <p><b>Afforia<sup>®</sup></b>      <b>Sonic<sup>®</sup></b>  <b>Enlite<sup>®</sup></b>        <b>Surveil<sup>®</sup></b>  <b>Kyber<sup>®</sup></b>          <b>Trivence<sup>®</sup></b></p>	<p>Apply Enlist One<sup>®</sup> Herbicide</p> <ul style="list-style-type: none"> <li>+ Post emergence residual (such as EverpreX<sup>®</sup> or other group 15)</li> <li>+ Approved tank mix partners (such as certain glyphosates and/or Liberty<sup>®</sup> Herbicide)</li> <li>+ Appropriate approved additives like AMS, COC or NIS</li> </ul>	<p>Apply Enlist<sup>™</sup> Herbicide through R1</p> <p>Up to two Enlist applications can be made post-emergence, at least 12 days apart</p> <p>Liberty<sup>®</sup> can be applied up to R1</p>

Enlist One <sup>®</sup> + Glyphosate	Enlist One <sup>®</sup> + Liberty <sup>®</sup> Herbicide or Enlist One <sup>®</sup> + Liberty <sup>®</sup> + Glyphosate	Enlist Duo <sup>®</sup>
Enlist One @ 2 pt./A	Enlist One @ 2 pt./A	Enlist Duo @ 4.75 pt./A
+ Glyphosate + Approved residual + AMS 2 lbs./A + NIS 1 qt/100 gal Carrier Volume: 15+ gallons	+ Liberty herbicide @ 32 oz./A + Approved residual + AMS 3 lbs./A + NIS 1 qt/100 gal +/- Glyphosate Carrier Volume: 20+ gallons	+ Approved residual + AMS 2 lbs./A + NIS 1 qt/100 gal Carrier Volume: 15+ gallons

**Nozzle Selection: Preferred nozzles are critical for performance success.** Use the nozzle and corresponding spray pressure from the qualified list for Enlist One to optimize coverage by using a less coarse nozzle and higher operating pressure. Preferred approved nozzles are AIXR 11004, 05, 06, 08, 010, AITTJ 110-04, 05, 06, 08, 10, MR 110-06, 08, 10, and 125

Check [EnlistTankMix.com](http://EnlistTankMix.com) for all qualified AMS, glyphosate, adjuvants, tank mix partners and approved nozzles

## Controlling Volunteer Corn with Enlist<sup>™</sup> Herbicides

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

1. Increase Select Max rate by 1/3 (table provides 1.33x rates)
2. Use COC (crop oil concentrate) along with AMS
3. Reference the EnlistTankMix.com website for the approved tank mix partners of COC, AMS & more

Volunteer Corn Height	Volunteer Corn Stage	Select Max <sup>®</sup> rate when applied with Enlist One <sup>®</sup>
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<sup>®</sup> + Liberty<sup>®</sup> with Enlist<sup>™</sup> Crops

Rate: 2 pt./A of Enlist One<sup>®</sup> + 32 oz./A of Liberty<sup>®</sup> 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 a preferred approved nozzles from above list.

Weather: To maximize efficacy of Liberty, spray during sunny, high humidity periods of the day

Time of Day: Recommended spraying time is between 2 hours after dawn and 2 hours before sunset to ensure the best performance of Liberty herbicide.

# Tank Mixing with Enlist™ Herbicides

- ✓ Ensure ALL tank mix partners are approved for mixing with the selected Enlist™ herbicide. See [www.EnlistTankMix.com](http://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. Preslurry water-soluble packets	7. Emulsifiable concentrate (EC) • Such as S-metolachlor (EverpreX®)
3. Wettable powders/dry flowables	8. Soluble liquids (SL) *SEE NOTE ON MIXING BELOW* • Glyphosate products • Enlist One® at 2 pt./A • Glufosinate products, including Liberty®
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 products

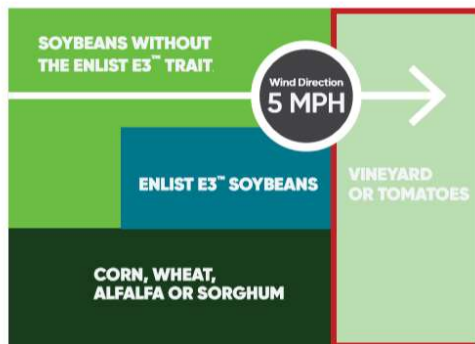
When mixing with Enlist One, do not pour glyphosate products into the tank at the same time as Enlist One, and do not allow concentrated products to come into contact. Add products one at a time, allowing enough time for recirculation between additions of each separate product. Failure to add products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

# Enlist™ Herbicide Buffers and Application Restrictions

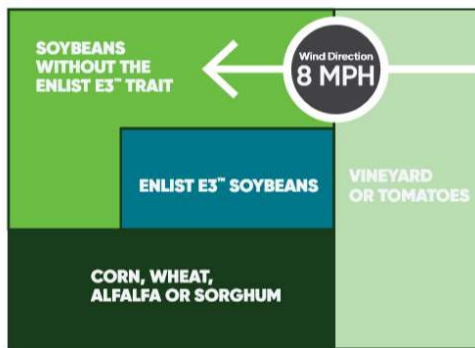
## Susceptible crops



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.



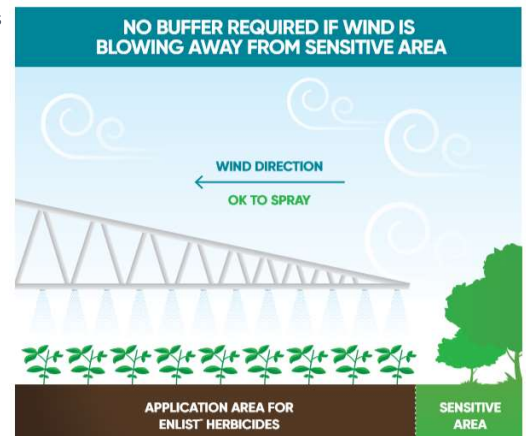
It's OK to spray when wind is blowing away from susceptible crops and toward soybeans without the Enlist E3™ trait. Soybeans without the Enlist E3 trait are not a susceptible crop.



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

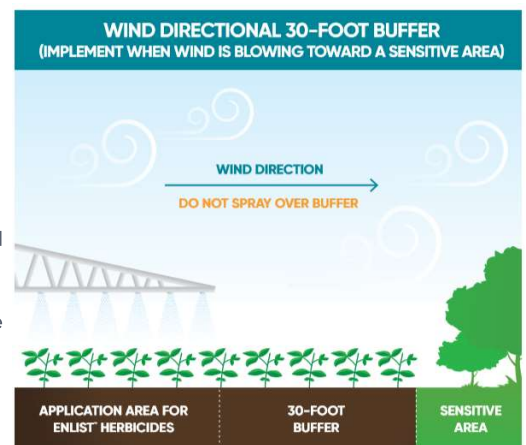
## Sensitive areas

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



✓ Approved Wind Speed: 3 -10 MPH, gusts no greater than 15 MPH

✓ Recommended Application Ground Speed: 8-12 MPH

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