

### Liquid Carrier (Not all steps will apply to all situations)

1. Tank half-full with water or liquid fertilizer carrier (28%, 32% N) to start
2. Begin agitation
3. Pre-slurry Water-Soluble Packets (WSP)  
*With UAN: pre-slurry WSP in water prior to addition to tank*
4. Wettable Powders/Dry Flowables
  - » DuPont<sup>™</sup> Accent<sup>®</sup> Q, DuPont Basis<sup>®</sup> Blend, DuPont Realm<sup>®</sup> Q, DuPont Resolve<sup>®</sup> Q, DuPont Revulin<sup>®</sup> Q, and DuPont Steadfast<sup>®</sup> Q herbicides  
*With UAN: pre-slurry Wettable Powders/Dry Flowables in water prior to addition to tank*
5. Compatibility agent (if needed)
6. Nitrogen stabilizer
  - » Instinct<sup>®</sup> nitrogen stabilizer
7. Soluble Concentrate (SC) or liquid flowables
  - » DuPont Cinch<sup>®</sup> ATZ herbicide brands or liquid atrazine
  - » Liquid atrazine (use a compatibility agent if needed, prior to the addition of liquid atrazine)
8. Capsule Suspension (CS) or Suspension Emulsion (SE)
  - » FulTime<sup>®</sup> NXT, Keystone<sup>®</sup> NXT brands, Resicore<sup>®</sup> and SureStart<sup>®</sup> II herbicides
9. Emulsifiable Concentrate (EC)
  - » Lorsban<sup>®</sup>-4E insecticide, Surpass<sup>®</sup> NXT herbicide
10. Soluble Liquids (SL)
  - » DuPont Abundit<sup>®</sup> Edge (glyphosate), Durango<sup>®</sup> DMA<sup>®</sup>, Enlist Duo<sup>®</sup>, Enlist One<sup>®</sup> herbicides<sup>1</sup>, Glyphosate products and Gramoxone Extra<sup>2</sup>
11. COC, NIS, MSO, other adjuvants
12. Ammonium Thiosulfate (ATS) (See sidebar for additional instructions when mixing with ATS)
13. Top off with liquid carrier

### Spraying

#### Spray equipment setup recommendations

- Use a higher total spray volume, do not spray less than 10 gal acre. **The more carrier, the better the coverage**
- Reduce pressure on re-circulation line to less than 50% capacity to avoid over circulation of product
- Optimum spray pressure of 45 PSI or less
- Use 50 mesh or coarser screens on the in-line filter

### Tank Mixing with Ammonium Thiosulfate (ATS)

When tank mixing with ATS, the use of a tank mix compatibility agent composed of alkylaryl/polyethanol phosphate esters and other ethoxylated derivatives is required to maintain a uniform sprayable mixture. Nonionic surfactant blend compatibility agents are not acceptable.

#### Follow this mixing order:

1. Half of the water or liquid fertilizer
2. Products (including Resicore<sup>®</sup> herbicide) in the order listed to the left in the general mixing order
3. Phosphate ester-type fertilizer compatibility agent at a proper rate (suggested 0.5-1.0%)
4. ATS (Thiosul) at the desired rate (Add after compatibility agent)
5. Remaining water or liquid fertilizer

Be sure to agitate throughout tank mixing process. If dry products are used with liquid fertilizer, first fully disperse dry products with water in a separate bucket before dispensing into the tank. If using liquid fertilizer UAN with ATS (Thiosul) be mindful of ratios. If 15% or less of ATS (Thiosul) is added, stable tank mixing can usually be maintained with 0.5% phosphate ester. If more than 15% of ATS (Thiosul) is added, 1% phosphate ester is needed. Avoid overnight storage. Performing a compatibility jar test prior to mixing the first tank containing ATS (Thiosul) is also recommended.

<sup>1</sup> When mixing with Enlist One, do not pour glufosinate ammonium products or glyphosate potassium into the tank at the same time as Enlist One. Add products one at a time, using sufficient water and allowing enough time for recirculation between additions of each separate product. Find qualified tank-mix products for Enlist herbicides at [EnlistTankMix.com](http://EnlistTankMix.com). Nitrogen carriers cannot be used with Enlist herbicides.

<sup>2</sup> If using paraquat containing product, add (NIS) to tank before adding paraquat product.

<sup>®</sup> Trademarks of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners. Cinch ATZ, FulTime NXT, Keystone NXT, Lorsban-4E Prequel and Surpass NXT are Restricted Use Pesticides.

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FulTime NXT, Keystone NXT, Resicore, SureStart II and Surpass NXT are not available for sale, distribution or use in Nassau and Suffolk counties in the state of New York. In Mississippi, refer to the Lorsban-4E product label for use restrictions on certain crops. Enlist One and Enlist Duo herbicides are the only 2,4-D product authorized for use in Enlist crops. Not all products are registered for sale or use in all states. Contact your state pesticide regulatory agency to determine if a product is registered for sale or use in your state. Always read and follow label directions. ©2019 Corteva. CA01-415-023 COR (12/19)