

# Sonic<sup>®</sup>

## MIXING AND HANDLING BEST PRACTICES

### HERBICIDE

## Spraying

### Spray Equipment Setup Recommendations

- Use a higher total spray volume, do not spray less than 10 gallon per 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 40 PSI or less
- Use 50 mesh or coarser screens on the in-line filter

### Tank Mix Sequence Procedures

1. Fill tank half-full with liquid carrier, e.g. water or liquid fertilizer (if micronutrients are being used - add to the carrier at this time) Pre-slurry micronutrients in water if using liquid fertilizer as the carrier
2. Begin agitation
3. Compatibility agent (if needed when using fertilizer / micronutrients)
4. Sonic and other Wettable Powders/Dry Flowables (WG): pre-slurry 5 minutes with a minimum of 1 gallon of water for each 7.5 lb. bottle of Sonic for use with fertilizer / micronutrients
5. Flowables / Liquid Suspensions (SC)
6. Capsule Suspension (CS, ZC)
7. Emulsifiable Concentrate (EC)
8. Suspension Emulsion (SE, EW)
9. Soluble Liquids (SL), e.g. Durango<sup>®</sup> DMA<sup>®</sup> herbicide, glyphosate products, Gramoxone SL 2.0, 2,4-D amine
10. Crop oil concentrate (COC), Non-ionic surfactant (NIS), other adjuvants
11. Top off with liquid carrier

**For more information on Sonic Herbicide, visit [www.SonicHerbicide.com](http://www.SonicHerbicide.com) or contact your local Dow AgroSciences sales representative.**