

# Sentris™

Buffering Technology

## BASF's Latest Innovation in Engenia® Herbicide Application Stewardship

**Sentris™ Buffering Technology builds on BASF's history of dicamba innovation. When added to Engenia herbicide spray mixtures, Sentris Buffering Technology will further reduce the potential for off-target movement by addressing pH and spray solution hygiene.**



### BASF Continues to Build on Dicamba Innovation

- With the introduction of Engenia herbicide, BASF brought BAPMA salt to the market. This represents the most advanced formulation of dicamba on the market with the lowest volatility salt.
- As the newest form of dicamba on the market, Engenia Herbicide has the highest molecular weight and the strongest ionic bond of all dicamba salts.



### Applicators Need Tools That Can Help Properly Steward Their Dicamba Applications

- Following label requirements, such as using approved nozzles, abiding by wind speed restrictions, maintaining proper boom height, is critical to address primary off-target movement.
- Use of a pH buffering adjuvant is important with tank mixtures because tank mixtures (such as glyphosate) can change the pH of a spray mixture and increase the risk for potential volatility.



### Introducing Sentris Buffering Technology

- With an alkaline pH, this buffering technology is designed to increase and stabilize spray mixture pH. This helps reduce the volatility potential related to spray solution pH.
- By reducing the dicamba residue in sprayer parts, like inside hoses, Sentris Buffering Technology helps improve spray system hygiene and minimize potential for tank-contamination.

**EVERY application of Engenia herbicide requires the use of a qualified pH buffering adjuvant such as Sentris Buffering Technology**



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Technical Information Bulletin

## Best Use Recommendations

- Meets the EPA requirement for including a buffering adjuvant in all Engenia® herbicide applications
- Convenient low use rate: 4-16 fl oz/acre\*

\*See [engeniataankmix.com](http://engeniataankmix.com) for specific use rate requirements.



To learn more about crop protection products from BASF, visit [www.agproducts.basf.us](http://www.agproducts.basf.us)

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## Mixing Order

- Always conduct a compatibility jar test
  - Start with a clean spray tank
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1. **Water:** Fill the spray tank with at least ½ of the final required volume and start agitation. Use at least ¼ of the final volume if an inductor will be used for any product additions.
  2. **Agitation:** Maintain continuous and constant agitation throughout mixing.
  3. **Inductor:** If an inductor is used, rinse it thoroughly after each component is added.
  4. **Buffer pH modifier, compatibility or anti-foam products:** Add **Sentris™ buffering technology** and other products if needed.
  5. **Products in PVA bags:** Place any product contained in water-soluble PVA bags into the mixing tank. Wait until all water-soluble PVA bags have fully dissolved and the product is evenly mixed in the spray tank before continuing.
  6. **Dry dispersible products** (such as dispersible dry flowables, granules, powders (WG, WDG, DF, WP, W)).
  7. **Liquid dispersible products** (such as suspension concentrates (SC, F, FL), suspo-emulsions (SE), micro-encapsulated or capsule suspensions (CS, ME)).
  8. **Dry water-soluble products** (such as SP, SG).
  9. **Liquid water-soluble products** (such as SL, S) including Engenia herbicide.
  10. **Emulsifiable products** (such as EC, EW).
  11. **Surfactant and oil concentrate adjuvants, and water conditioners** (such as NIS, COC, HSCO and MSO adjuvants).
  12. Add remaining quantity of water and continue agitation.

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Engenia Herbicide is a U.S. EPA Restricted Use Pesticide. Additional state restrictions may apply.

Always read and follow label directions. Sentris is a trademark and Engenia is a registered trademark of BASF. ©2020 BASF. All Rights Reserved. APN# 2010011-Sentris-2020