

Engenia® Outlook®

Herbicide

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Convenience Made Especially For the Cotton Farmer

Benefits of Engenia® Herbicide and Outlook® Herbicide

Performance

- Engenia herbicide: Effective on over 200 broadleaf weeds
 - Including glyphosate, ALS, triazine, and PPO-resistant broadleaf weeds
- Outlook herbicide: Broad-spectrum grass and small seeded broadleaf residual control that only requires **1/4" of rain** for activation

Flexibility

- Extremely low use rates
 - Engenia herbicide: 12.8 fl oz/A
 - Outlook herbicide: 8 to 21 fl oz/A
- 125 gallon totes can cover 1,250 acres each
- Wide application windows

Features of the 125 Gallon Tote

- Priced the same as other Engenia herbicide and Outlook herbicide SKUs
 - No pump included
- One-way, stackable (three high), fluorinated (Outlook herbicide only), poly, caged tank
- Cannot be reused, recyclable with 1-800 number on the tank for ease of return



**One Engenia Herbicide 125 Gallon Tote (12.8 fl oz/A)
+ One Outlook Herbicide 125 Gallon Tote
(8 to 21 fl oz/A) = 1250 Acres**



**One XtendiMax® 250 Gallon Tote +
Two Warrant® 265 Gallon Totes = 1450 Acres**

BASF

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Technical Information Bulletin

Reducing risk of off-target movement and sensitive plant injury is a result of effective application stewardship. The advanced dicamba formulation of Engenia® herbicide, along with proper application, can provide maximum broadleaf weed control and effectively minimize off-target potential.

Engenia Herbicide Label Summary

**Only for Use on Dicamba-Tolerant Cotton:
Additional State Restrictions May Apply**

- **Use Rate:** 12.8 fl oz/A
- **Application Timing:** Preplant, Preemergence, POST (up to 60 days after planting or mid-bloom, whichever comes first)
 - No more than 2 POST applications
- **Application Volume:** ≥ 15 GPA
- **Windspeed:** 3 to 10 MPH
- **Boom Height:** 24 inches or less above target
- **Sensitive Crops:** DO NOT spray if wind is blowing toward neighboring sensitive crops (like non-dicamba-tolerant soybeans) or residential areas
- **Buffer Zones:** Leave 110' downwind buffer to bodies of water and non-residential, uncultivated areas that may harbor sensitive plant species
 - Consult www.epa.gov/espp or call 1-844-447-3813 and follow any county specific dicamba use restrictions for corresponding endangered species
- **Ground Speed:** ≤ 15 mph, recommend 5 mph on field edges
- **Use Only Approved Nozzles:** For a list of approved nozzles visit www.engeniatankmix.com
- **Tank Mixtures:** Visit www.engeniatankmix.com for a list of approved tank-mix partners and adjuvants
 - No acidifying water conditioners; DO NOT use ammonium additives (e.g., AMS, UAN)
- **Avoid Inversions:** DO NOT apply when temperature inversions exist at the field level
- **Daytime Spraying:** Only apply from 1 hour after sunrise until 2 hours before sunset
- **Training:** Complete annual dicamba or auxin specific training
- **Record Keeping:** Including application, planting date, buffer zone determination, and tank cleanout
- **Sprayer Cleanout:** Triple rinse, use a detergent-based commercial cleaner before and after application
- **Rain Free Interval:** DO NOT apply if expected rainfall within 24 hours after application will result in runoff
 - **Rainfast:** 4 hours

Outlook® Herbicide Label and Best Use Summary

For Dicamba-Tolerant Cotton:

Use Rate: 8 to 21 fl oz/A

- Use higher rates for high weed populations and/or longer residual activity
- A post herbicide tank mix partner is required to control emerged weeds
- Sequential applications may be made 2 weeks or more apart
- DO NOT exceed 21 fl oz/A per season
- An approved drift reduction agent (DRA) MUST be used if tank-mixing with Engenia herbicide. Visit www.engeniatankmix.com for a list of approved DRA products.

Postemergence Application Timing

- First true leaf cotton to 2 weeks after first bloom stage
- DO NOT apply preplant incorporated, preplant surface, or preemergence in cotton
- DO NOT apply to cotton from emergence through cotyledon stage or injury may occur

Training and Education

Applicator training requirements vary depending on the state. Visit www.engeniastewardship.com for BASF resources on proper application according to label requirements. Proper nozzle selection, calibration, boom height, weather conditions, and the use of approved tank-mixtures are all addressed.

To learn more, go to www.engeniastewardship.com.

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



To learn more about crop protection products from BASF, visit www.agproducts.basf.us

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