

Brake® Herbicide for Grass Seed

Brake®
Herbicide

A **NEW** Preemergent To Protect Your Grass Seed

Provides residual control of annual grasses and broadleaf weeds

- A unique HRAC/WSSA Group 12 mode of action
- Proven safe on carbon-seeded, spring-planted, and established tall fescue, fine fescue, orchardgrass, and perennial ryegrass
- Protects seed purity and reduces need for rescue sprays
- Controls resistant Italian ryegrass, and annual bluegrass, roughstalk bluegrass, and rattail fescue
- Flexible program timing and tank-mix compatibility
- Extended application window up to March 1st
- No herbicide residue even at 4X rates



Management Practices for Success

Practice	Why it Matters?
Activating Rainfall/Irrigation	Brake® needs 0.5" of rainfall or irrigation in the first 7 days after application to activate. Consistent rainfall or irrigation to keep the soil moist will extend the longevity of residual control.
Tank-Mixing with Other Residual Herbicides	Brake® is compatible with other herbicides labeled for grass seed crops. Tank-mixing Brake® with other residual herbicides has been proven to broaden weed spectrum and extend the longevity of residual control during dry periods.
Use a Herbicide Program	Brake® herbicide programs that contain overlapping residuals will provide the most consistent control of annual grasses and small-seeded broadleaves.
Tank-Mix Smart	Pair with another PRE for broad-spectrum residual control.
Follow Label	Apply Brake® when grass is dormant or semi-dormant. Applications after March 1st may result in minor injury.
Don't Use as a Standalone Residual	Do not apply Brake® alone to the same field more than two years in a row. Brake® tank-mixes can be applied for more than two years in a row.

Program-Based Integration Strategy

A program approach with Brake® delivers cleaner fields, fewer escapes, and stronger stands—protecting seed purity, managing resistance, with safe, reliable control.

Fall PRE Use in Carbon-Seeded Perennial Ryegrass and Tall Fescue

- Brake® + Zidua®: Strong foundational control of annual grasses and small-seeded broadleaves.
- Brake® + Fierce®: Broader-spectrum, long-term residual annual grass and small-seeded broadleaf control.
- Apply before fall irrigation or forecasted rain, ensuring 0.5" activation, ideally in the first 7 days after application.

Sequential or Split Applications in Established Perennial Ryegrass, Tall Fescue, Fine Fescue, and Orchardgrass

- Apply fall PRE (e.g. Axiom® or Fierce®), then follow with Brake® + POST (e.g. oxyfluorfen) in Dec. - Jan.
- Program approach will help delay or eliminate the need for POST rescue sprays in the spring, saving on trips and labor.

Rotation Partner

- Especially useful in fields with known resistance or heavy weed pressure (e.g. *Poa annua*).
- Do not use Brake® as a standalone residual herbicide in the same field more than two consecutive years.
- Brake® tank-mixed with other residual herbicides will reduce the resistance potential.

Maximize Brake Performance

Application Windows

- **Carbon-Seeded:** Apply after seeding but prior to emergence
- **Spring-Planted:** Apply as a fall PRE or during winter as an overlapping residual
- **Established:** Apply as a fall PRE or during winter as an overlapping residual

Suggested Brake Rate

- 32 fl oz/acre is the recommended starting rate
- Extend the longevity of fall PRE applications by tank-mixing with another residual(s) (e.g. Zidua®)

Spray Tips

- Brake® does not have postemergence activity. If weeds have germinated prior to application, tank-mix Brake® with a POST herbicide that is effective at controlling the target weed species and labeled for the intended use.
- Do not apply more than 43 fl oz Brake® in a single application
- Do not apply more than 43 fl oz Brake® in a single crop year (harvest to harvest)
- Do not mix with drift agents containing polyacrylamide

Irrigation or Rainfall Activation (within 7 days of application)

- 0.5" irrigation or rainfall
- More is better — Brake® is stable on soil surface and not degraded by sunlight
- Brake® does not leach and performs better in moist soil conditions

Following Brake Applications

- Brake® begins working preemergence to control weed flushes
- Germinating weed seedlings will bleach and die with effective activation
- Applying a winter overlapping residual following fall applied Brake® OR using Brake® as a winter overlapping residual will reduce the need for POST rescue sprays

Learn More



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