

Mastering Marestail Control



What's the situation?

- Almost all populations of marestail throughout Indiana, Michigan, and Ohio are resistant to glyphosate and ALS (FirstRate®, Classic®) chemistries.
- Post-emerge control in soybeans is nearly impossible.



Source: "Control of Marestail in no-till soybeans", Purdue University Extension. Ohio State University Extension

Why the challenge?

- While tillage is very effective for marestail control, no-till and reduced/vertical tillage systems face heavy weed pressure.
- Marestail populations exhibit both winter and summer annual emergence. Untreated fall emerged weeds may be too large in the spring for effective control.
- Earlier planting of soybeans makes plantback restrictions of effective burndowns less desirable.

What's the solution?

Double Down with Double Burndowns (or Tillage)

Marestail must be controlled while it is still in the rosette stage (pictured above).

Once it begins stem extension (bolting), control becomes extremely difficult.

NEVER plant into standing marestail. Start weed free by using fall & spring burndowns.

Fall

- Burndown with Sterling Blue® and Shredder™ 2,4-D, or Brash®. Allow a few weeks for weed emergence after harvest before application.
- Add 6 oz. of Dimetric® for an economical soil residual which enables application more closely behind the combine.
- Save expensive residual programs for Spring.

Spring

- Burndown with Shredder™ 2,4-D (7-15 day PPI) for an economical program, especially on fields with heavy pressure.
- Burndown with Sharpen® (PPI soil dependent; limits PPO [group 14] options).
- Add 4-6 oz. Dimetric® to the PP or PRE herbicide programs for an effective and economical soil residual for marestail control.



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