

Mastering Marestalk Control



What's the situation?

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

Why the challenge?

- While tillage is very effective for marestalk control, no-till and reduced/vertical tillage systems face heavy weed pressure.
- Marestalk 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.



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

What's the solution?

Double Down with Double Burndowns (or Tillage)

Marestalk 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 marestalk. 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 marestalk control.



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