



Benefits of a Herbicide Program Approach

Overview

A herbicide program approach relies on rotation of classes of chemistry as well as varied application timings to keep weed resistance at bay and help your corn reach its yield potential.

START CLEAN
WITH TILLAGE
OR BURNDOWN

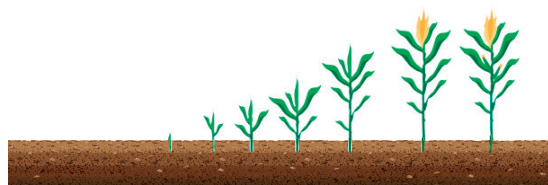
PLANT
CORN

APPLY SOIL
RESIDUAL
HERBICIDE

APPLY
POST-EMERGENCE
HERBICIDE

What you should know

- A diverse weed control strategy is the best way to minimize development of herbicide-resistant weed populations.
- Diversification can include using multiple herbicides with different modes of action, overlapping the weed spectrum in chemistries and adjusting management practices, such as varying till/no-till practices.
- Herbicide labels are written with resistance in mind, so chemistries can remain effective for as long as possible. Closely following the label and use directions helps prevent resistance.



Action steps

1. **Start clean:** Use a burndown herbicide or tillage to ensure a clean field. Follow any plant-back restrictions noted on your burndown herbicide.
2. **Consider hybrids with tolerance to more than one herbicide:**
If you're experiencing specific resistant weed pressures, there are new trait options that offer tolerance to multiple modes of action, making it easier to diversify your herbicide strategy.
3. **Go broad:** After planting, use a broad-spectrum soil residual herbicide. Look for a product in a different class than the herbicide you plan to use post-emergence.
4. **Alternate modes of action with sequential applications:** If you need to treat your fields again at a later growth stage (such as V2-V6), choose a herbicide with a different mode of action than your early-season treatment.
5. **Make timely applications:** Apply herbicides at the proper time (weed size) according to label directions to ensure applications are as effective as possible.



30-Second Summary

- A program approach helps improve herbicide performance and reduce weed resistance.
- Diversify your approach both with chemistry and management practices.
- Carefully follow herbicide labels and use directions for best results.

NOTES:

For more information, contact:



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