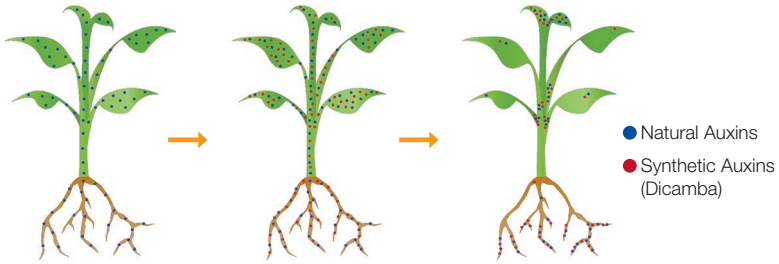
Status®
Herbicide

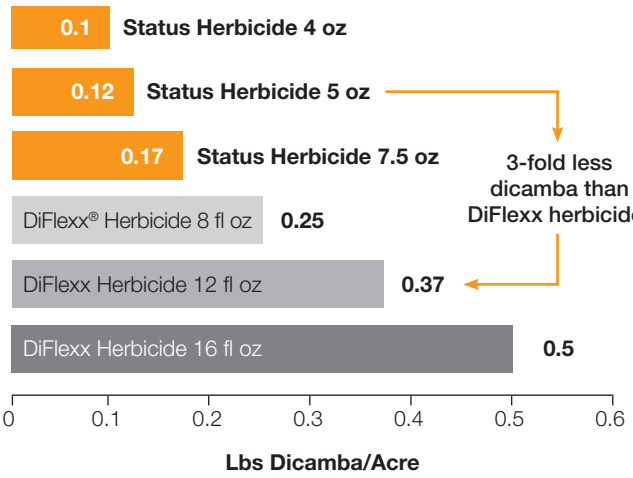
Reliable Weed Control and Crop Safety: Features and Use

The combination of two effective Sites of Action (SoA) helps provide superb control on a wide range of broadleaf weeds. Active ingredients dicamba (a group 4 herbicide) and diflufenzopyr (a group 19 herbicide), work together and are rapidly transported to the SoA where results can be seen within 48 hours of application. The use of Status® herbicide in corn continues to increase largely to help control herbicide-resistant weeds such as waterhemp, Palmer amaranth, kochia, and marestail.



Untreated | **Treated with Dicamba Alone** | **Treated with Status Herbicide**

Total Dicamba Applied Per Acre Per Herbicide



Data derived from product labels.

*There is a 3-fold difference between Status herbicide @ 5 oz and DiFlexx herbicide @ 12 fl oz in terms of total dicamba applied per acre.

Key Features of Status Herbicide

- Dicamba disrupts normal plant growth by imitating natural auxin hormones
- Diflufenzopyr (DFFP) is an auxin transport inhibitor which synergizes dicamba, locking concentrations of dicamba AI at the weeds growing points
  - Abnormal auxin accumulation results in broadleaf weed control (epinastic symptoms)
- Overall less active ingredient per acre applied compared to competitor products
  - The addition of DFFP allows for lower dicamba use rates and safener results in quick herbicide metabolism providing crop safety (data and photos on reverse side)

Greenhouse Trial

2018 BASF greenhouse trial, 22 days after treatment. Weeds in photo L to R: Palmer amaranth, velvetleaf, kochia displaying epinastic symptoms following Status herbicide application.

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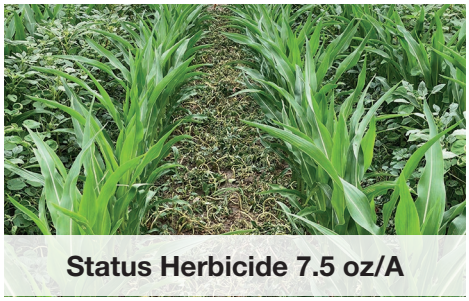
Technical Information Bulletin

Stronger, Healthier Start to the Growing Season

Untreated

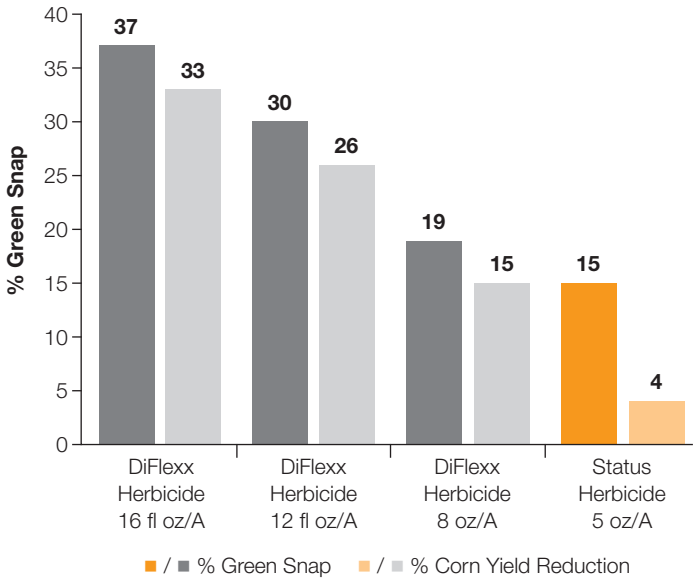
Status® Herbicide 5.0 oz/A



Status Herbicide 7.5 oz/A

2021 BASF sponsored research. Beaver Crossing Research Farm. York, NE. Glyphosate-resistant Palmer amaranth (12-inch tall). Photos taken 12 days after treatment by Brady Kappler – Technical Service Rep, BASF.

2015 Replicated Research Trials: Status Herbicide vs. DiFlexx Herbicide



DiFlexx Herbicide 8 fl oz/A

Status Herbicide 5 oz/A

Agricultural Research of Wisconsin LLC, Purdue University, Story City, IA. BASF Research Farm, Warnke Research, Geneva, MN. The Status herbicide treatment included 0.25% v/v NIS + AMS, and DiFlexx herbicide treatments included 1% v/v COC + AMS. "Bar Test" was performed two days after application to 14" tall corn to induce green snap. BASF sponsored trials, 2015.

Application of Status Herbicide

- Use **minimum 5 oz/A** targeting weeds 4" or less. Use higher rates for large weeds
- Use **15 gal/A** spray volume; rainfast 4 hours
- Add proper **adjuvants** (like COC or MSO) for consistent weed control
- Pair with products like Zidua® SC herbicide for residual; glyphosate and Armezon® herbicide to control emerged weeds
- **DO NOT** spray during gusty wind conditions
- **DO NOT** tank-mix* with other growth regulator products (2, 4-D) or emulsifiable concentrate (EC) formulations – i.e. Outlook® herbicide

*Before mixing components, always conduct a compatibility jar test. Always consult respective product labels for specific mixing instructions. The most restrictive label applies.

Controlling Droplet Size

For coverage and to minimize potential spray drift, consider:

- Increasing spray volume
- Using lowest spray pressure recommended for nozzle
- Using an **Air Induction nozzle** or nozzle delivering coarse to very coarse droplets
  - Example[1]: A **11005 AIXR tip** at 30-70 psi produces very coarse and coarse droplets and 13-20 GPA at 10 MPH making this an ideal option for managing off-target movement
- A nozzle producing xtra coarse to ultra coarse droplets

To learn more about crop protection products from BASF, visit AgProducts.BASF.us

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1: Information derived from Status herbicide label, Safety Data Sheet and TeeJet® Technologies Catalog.

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