

Summary of new information in the 2019 Weed Control Guide:

www.ndsu.edu/weeds - Web version of ND Weed Control Guide.

HERBICIDE UPDATE:

Discontinued products: Raze.

Restricted Use Products (RUP):

Dicamba formulations of Engenia, FeXapan, and XtendiMax.

Weed Guide Updates

- Added Authority Supreme to soybean, sunflower, dry pea, and chickpea.
- Added ImpactZ to corn section.
- Added Axial Bold to wheat section.
- Added Warrant to Alfalfa.
- Added Valor to pre-harvest in wheat.
- Added Fierce MTZ to soybean section.
- Added Elevore and Quelex to plant-back interval page 6.

Roundup Xtend soybean - strongly advised to read page 29 and paragraph E4 on page 83. Refer to Bayer, BASF, and DuPont web sites for application information.

Crop rotation restrictions updated for several herbicides - pages 6, 104-106.

Herbicide Resistant Weeds:

- Palmer amaranth found in five ND counties in 2018. One population tested was glyphosate-resistant. Please continue to watch for any Palmer amaranth in ND from transported seed.
- Identified kochia tolerant to 2 and 4 fl oz of dicamba
- Identified more wild oat and green foxtail populations resistant to Group 1 and 2 herbicides.

Weed of the Year - Stinkgrass - page 132

Discussion on air temperature inversions - page 133.

Quick reference information:

1. NDSU Weed Science Home Page:

<http://www.ndsu.edu/weeds/>

2. <agdakota> list serve: Timely updates in pesticide registration and crop production information. To subscribe, send email to thomas.j.peters@ndsu.edu

3. U.S. registered pesticide labels:

<http://www.cdms.net/manuf/manuf.asp>

4. North Dakota Department of Ag registered pesticide database:

<http://www.kellysolutions.com/nd/>

5. SAFETY AND EMERGENCY PHONE NUMBERS:

ND Poison Control Line: 800-222-1222

ND Emergency Assistance Line: 800-472-2121

Report pesticide incident to NDDA: 701-328-2232

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For information about pesticide certification contact the **North Dakota State University Extension Pesticide Program**
NDSU Dept 7060, 205 Walster Hall
Fargo, ND 58108-6050
Phone: 701-231-7180, Fax: 701-231-5907
Email: ndsu.pesticide@ndsu.edu
www.ndsupesticide.org

For pesticide enforcement, compliance, registration, and regulatory issues, contact the **Agriculture Chemical Division at the North Dakota Department of Agriculture**
600 E Blvd Dept 602, Bismarck, ND 58505-0020
Toll Free: 1-800-242-7535, Fax: 701-328-4567
Phone: 701-328-2231
Email: ndda@nd.gov, www.nd.gov/ndda

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