



Crop Observation and Recommendation Network
 C.O.R.N Newsletter 2008-01
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Weed Management Resources

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The *2008 Weed Control Guide for Ohio and Indiana* is available as OSU Extension Bulletin 789 or Purdue publication WS16. This annually updated publication include new herbicides that received federal registration by September of the previous year, as well as pertinent label changes.

New herbicides included in the 2008 guide: Authority First/Sonic, Authority MTZ, Envive, Valor XLT, Halex GT, SureStart, and Prefix.

Herbicide effectiveness tables have been modified to include all new herbicides. Products are now also rated for residual and postemergence control of marestail in soybeans. The effectiveness table for postemergence soybean herbicides now contains ratings for various types of herbicide resistance seen in common and giant ragweed (e.g. glyphosate, ALS, PPO inhibitors).

The information in the "Problem Weed" section has also been updated to include specific recommendations for various types of resistance in ragweeds and marestail.

The Weed Control Guide can be purchased for \$8.50 through county extension offices in Ohio and Indiana or by calling the OSU extension publications office (614-292-1607). The bulletin can also be viewed online at: agcrops.osu.edu/weeds

Bulletins in the Glyphosate, Weeds, and Crops Series.

Extension weed specialists across the country have collaborated on a series of bulletins that cover various aspects of glyphosate management and resistance, as well as detailed information on the biology and management of some of the more problematic weeds. These can be downloaded from the group's website, www.glyphosateweedsocrops.org. We also have an abundant supply of some of these for distribution at no cost.

Free copies can be obtained by contacting Mark Loux, loux.1@osu.edu, 614-292-9081. Bulletins in the series include:

- GWC-1, *Facts About Glyphosate-Resistant Weeds*
- GWC-2, *Understanding Glyphosate to Increase Performance*
- GWC-3, *Corn and Soybean Herbicide Chart, classifies herbicides by mode of action*
- GWC-9, *Biology and Management of Horseweed (marestail)*
- GWC-10, *Biology and Management of Wild Buckwheat*
- GWC-11, *Biology and Management of Common Lambsquarters*
- GWC-12, *Biology and Management of Giant Ragweed*
- GWC-13, *Biology and Management of Waterhemp*

OSU Weed Management Website (agcrops.osu.edu/weeds)

You can find most of the publications mentioned here for download at our website, along with other fact sheets, presentations, and links.

Examples of fact sheets that are on the website:

- Control of Lambsquarters in Corn and Soybeans* (OSU/Purdue factsheet)
- The Benefits of Preemergence Herbicides in Roundup Ready Soybeans* (OSU/Purdue factsheet)
- Controlling Kochia and Palmer Amaranth in Warm-Season Grass Stands and Cropland* (USDA/OSU technical note)

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C.O.R.N. is a summary of crop observations, related information, and appropriate recommendations for Ohio Crop Producers and Industry. C.O.R.N. is produced by the Ohio State University Extension Agronomy Team, State Specialists at The Ohio State University and Ohio Agricultural Research and Development Center. C.O.R.N. Questions are directed to State Specialists, Extension Associates, and Agents associated with Ohio State University Extension and the Ohio Agricultural Research and Development Center at The Ohio State University.

Information presented above and where trade names are used, they are supplied with the understanding that no discrimination is intended and no endorsement by Ohio State University Extension is implied. Although every attempt is made to produce information that is complete, timely, and accurate, the pesticide user bears responsibility of consulting the pesticide label and adhering to those directions.



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