

New for grain and forage weed control

By JOHN VOGEL

FOLLOWING are the new soybean, small-grain and forage herbicide products and formulations approved in the past year for most Northeast states, according to Penn State Extension weed specialists Dwight Lingenfelter and Bill Curran. (See the corn herbicide update in the February *American Agriculturist*.)

Since label approval is slower in New York state, Cornell's Russ Hahn reviewed the list. Products not yet cleared for New York are noted with an asterisk (*).

New for soybeans

■ **Authority First*** DF (FMC) is a preemergent combining Authority and FirstRate active ingredients for annual broadleaf control. It provides residual control of horseweed, lambsquarters, pigweed, nightshade, ragweed and other broadleaves. In RR beans, apply 3.2 to 4 ounces per acre as a preemergent, followed by glyphosate post. In conventional beans, apply 6.45 to 8 ounces. In a total pre program, Authority First needs to be tank mixed to control grassy weeds and nutsedge.

■ **Prefix*** 5.32EC (Syngenta) is a preemergent co-pack of Dual II Magnum and Reflex active ingredients for annual grass, nutsedge and broadleaf control in soybeans and snap beans. It can be used in conventional or RR systems.

Key Points

- Preemergent options are increasing for Roundup Ready beans.
- New small-grain products target more small weeds.
- More options are available for keeping CRP and CREP weeds in check.



New for small grains

■ **Axial*** 0.83L (Syngenta) is a unique enzyme-inhibitor herbicide containing pinoxaden. It controls foxtails, annual ryegrass, barnyardgrass, and volunteer oats in wheat and barley, but not downy brome, annual bluegrass, quackgrass or ACCase-resistant ryegrass. It has a wide window of application and can be tank mixed with a broadleaf partner to broaden control. Rotate to any crop after 120 days following application.

■ **Finesse G&B*** 71.7WDG (DuPont), a mix of Glean plus Everest, controls grasses and broadleaves in wheat. It's active on downy brome, Japanese brome, cheat, annual ryegrass, wild buckwheat, chickweed, wild garlic, henbit, mustards, speedwell, Canada thistle and several other broadleaves.

Best grass control is usually obtained with fall applications. STS soybeans can be planted nine months after application; other crops, after 14 months.

■ **Prowl H2O*** 3.8CS (BASF) has a supplemental label for wheat. It should be used for winter annual grass control — before emergence.

Prowl H2O will help control henbit, carpetweed, and spurge, and help suppress shepherdspurge, cheat, brome species and annual ryegrass. Prowl 3.3EC does not have this label.

Note: Axial, Osprey, Maverick, Olympus Flex, Finesse G&B and Hoelon are most effective when fall-applied. Effectiveness of spring applications hinges on the weeds being small.

Labels for some products specify the number of tillers that wheat or barley should have before treatment is allowed. Also, be cautious of crop rotation intervals. Certain herbicides have long recrop intervals for typical Northeast cropping systems.

New for forage, pasture, CRP

■ **Milestone** 2L and ***ForeFront**

R&P 3L (Dow AgroSciences) are aminopyralid pasture herbicides. The low-rate, low-toxicity products differ only in that ForeFront also contains 2,4-D. Both will be marketed for pasture and Conservation Reserve Program and Conservation Reserve Enhancement Program acres.

They have no grazing restrictions and are not restricted-use pesticides. ForeFront does have a seven-day haying restriction.

Both labels have special manure-handling precautions to prevent injury to sensitive broadleaf plants. Aminopyralid provides systemic control of most thistles, dock species and solanaceous weeds (e.g. horsenettle). It has good activity on smooth bedstraw, the troublesome perennial broadleaf that's becoming a real problem in grass hay.

■ **Prowl H2O** 3.8CS (BASF) received a supplemental label for established alfalfa — prior to weed emergence. Some stunting and yellowing to the alfalfa may occur after application. Prowl 3.3EC doesn't have this supplemental label.

■ **Cimarron Plus** 63WDG (DuPont) contains Cimarron and Glean, and controls many broadleaves in grass pastures and CRP and CREP lands. It's safe for many native grass species, but do not use it on timothy or Matua brome-grass. It also may injure ryegrass and fescues.

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