

Corn Talk News

RESEARCH UPDATE



CORN WEED MANAGEMENT PROGRAMS

William S. Curran
Assistant Professor
Weed Science
Penn State

No single herbicide program or control strategy is best in all situations. Some strategies require additional trips, specific application timings, or even specialized equipment.

The following herbicide programs may require addition-

al strategies for the control of other weeds that are also present. With all these weeds and herbicide programs, a follow-up cultivation may provide additional control.

Triazine-Resistant Lambsquarters

Option 1: Use Prowl herbicide delayed preemergence or early postemergence in conventional, reduced, or no-till corn. Apply 2.4 to 3.6 pint Prowl 3.3 E per acre a few days after planting up until the corn reaches the 4-leaf stage. Prowl

will also help on pigweed, velvetleaf, and most annual grasses. Prowl by itself will not control emerged weeds. The cost of Prowl is approximately \$8 to \$12 per acre. To avoid injury problems with Prowl, do not apply at planting. Delay application until corn reaches the spike stage. Also, be sure the seed furrow is completely closed before applying.

Pluses
Cost
Residual control
Grass & some broadleaf

Option 2: Apply Banvel early postemergence in corn. Apply 1 pint/acre from spike to the 5-leaf stage of corn. Banvel is also active on most annual broadleaves, plus it will suppress broadleaf perennials. Including a nonionic surfactant at 0.125 percent will increase

activity, but may also increase the potential for injury. Do not apply 1 pint to corn greater than 8 inches tall. Do not use preemergence on soils with less than 2 percent organic matter or on coarse-textured soils. The

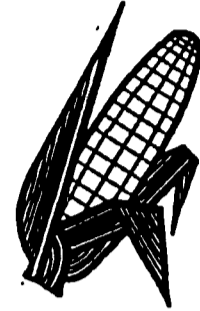
Pluses
Cost
Other broadleaves

one pint rate of Banvel costs about \$9 per acre. Dicamba, the active ingredient in Banvel, is also available in the premix Marksman (dicamba + atrazine) and in Clarity.

Minuses
Slight injury risk
Additional trip?
Vapor drift
No grass/nutsedge

Minuses
Injury risk
Application timing
May need additional grass/nutsedge/broadleaf

(Turn to Page 20)



EAR YE! EAR YE!

You don't have to look far to find high marks for HyPerformer Seed Corn.

Throughout corn country, the yields of HyPerformer brand corn hybrids were consistently above average. They earned the name — *HyPerformers*.

Ask us for the area results on these high performing hybrids.

HS 9843 / HS 9704 / HS 9424 Silage Hybrids
HS 9773 / HS 9843 / HS 9704 Grain Hybrids



HYPERFORMER VARIETIES ARE AVAILABLE THROUGH THE FOLLOWING DEALERS:

- | | | | |
|---|--|---|--|
| John J. Hoover
Blain, PA
717-536-3597 | Tim Schadler
Fogelsville, PA
610-285-6876 | Lehr's Feed & Farm Supply
Pine Grove, PA
717-345-3309 | Grange Store
Green Park, PA
717-789-3416 |
| T&S Sales
Bethel, PA
717-933-4725 | Marion Center Milling Co.
Marion Center, PA
412-397-2100 | | |

OR THE FOLLOWING **HELENA** CHEMICAL LOCATIONS:

- | | | | | |
|-------------------------------|--------------------------------|----------------------------------|-----------------------------------|-------------------------------|
| Woodstown, NJ
609-769-0147 | Shrewsbury, PA
717-235-7961 | Mifflinville, PA
717-759-1311 | Warriors Mark, PA
814-632-5177 | Wellsboro, PA
717-724-5800 |
|-------------------------------|--------------------------------|----------------------------------|-----------------------------------|-------------------------------|

Performance of seed may be adversely affected by environmental conditions, cultural practices, changes in disease races, insects and other factors beyond HyPerformer Seed Company's control. The limitations of warranty and liability on each bag of HyPerformer Seed Company's seed sold are part of their terms of sales thereof.

CUSTOM HANDLING OF FREE-FLOWING FEED & GRAIN

Transfer Up To
3,000
Bu. Per Hour



Transfer Materials To And From Trucks, Railroad Cars, Bins or Pits. A Great Unit For Spill Clean-up!

For More Information, Contact:

EMM EASTERN MOBILE MILLS
Littitz, Pa. 717-626-4762
Nationwide - 1-800-288-2081



THE SIGN OF QUALITY...



Full Line Hybrid Corn, Soybeans And Alfalfa

P.O. Box 218, State St. 1-717-569-3296
East Petersburg, PA 17520 1-800-346-4769 (GROW)