

Crop residue may block herbicides

CHICAGO — Early postemergence use of translocating herbicides can be a practical, cost-effective solution for broadleaf weed control problems in no-till corn, according to weed scientists.

Dr. Robert Wilson, University of Nebraska agronomist, says that heavy crop residue in no-till can sometimes prevent pre-emergence herbicides from delivering consistent control. "Heavy residue presents more of a problem for pre-emergence herbicides when it's dry in the spring. If there's no moisture to activate pre-emergence triazine herbicides, there's no potential for control problems in no-till," he says.

Wilson, who conducts research projects at the university's Panhandle Research and Extension Center in Scottsbluff, Neb., adds that perennial weeds, such as Canada thistle and field bindweed, appear to be more of a problem in no-till corn.

Because surface residue can tie up pre-emergence triazine herbicide treatments, no-till farmers may have to increase rates. For instance, Bladex rates should be increased 25 percent for pre-emergence treatments on heavy crop residue, according to the product's specimen label.

No-till farmers who are not getting consistent control from pre-emergence treatments should seriously consider an early postemergence herbicide application, says Richard Pierce, Velsicol Chemical Corporation

Product Development researcher, Bloomington, Ind.

Two popular herbicides for postemergence use in no-till corn are Banvel and 2,4-D. Since its introduction in 1947, 2,4-D has been widely used, however, Pierce points out that 2,4-D has some limitations.

"Under ideal conditions, 2,4-D performs well. But in cool weather or on larger weeds, 2,4-D doesn't always give consistent control. Also, 2,4-D does control some perennial seedlings, but it doesn't perform well on established

perennials or suppress growth from perennial roots," he says.

Pierce adds that 2,4-D can cause brittleness in corn, which makes the plant susceptible to breakage from heavy winds. In contrast, Banvel early post treatments are safer on corn and provide more consistent control of broadleaf weeds than 2,4-D. Banvel, therefore, can allow maximum yields and give no-till growers an excellent return on their herbicide investment.

Because of its residual activity, translocating ability and water solubility, one pint per acre of

Banvel early post delivers consistent control in no-till without having to increase rates because of surface residue, Pierce says.

In addition, Banvel provides cost-effective control of perennial broadleaves, which are often more of a problem in no-till. "Banvel is absorbed into the weed tissue of perennial weeds, like Canada thistle, field and hedge bindweed and climbing milkweed. It will control not only perennial

seedlings but will also suppress existing perennials and growth from roots," he says.

Wilson agrees that Banvel, applied early post when corn is between spike and 5 inches tall, is effective on perennial weeds. "For Canada thistle and bindweed suppression in corn, I recommend Banvel at the maximum labeled rate," says the Nebraska agronomist.

Combination ok'd for Sencor

KANSAS CITY, MO — Soybean growers can now use (R) SENCOR DF or SENCOR 4 herbicide in combination with Sonalan (R) 3EC to control broadleaf and grass weeds such as lambsquarter, velvetleaf, shattercane and fall panicum.

Under these new registrations, SENCOR can be applied preplant incorporated with Sonalan or as a preemergence overlay following a preplant incorporated application of Sonalan. SENCOR can also be applied SPLIT-SHOT (TM) with a ppi application of SENCOR and Sonalan tank mix followed by a preemergence application of

SENCOR alone. The SPLIT-SHOT application of SENCOR and Sonalan provides better control of tough weeds such as cocklebur, sunflower and sicklepod.

Sonalan alone, and SENCOR and Sonalan tank mixes should be applied uniformly and mixed into the soil within two days after application. The herbicide should be incorporated into the top one or two inches of soil within 21 days before planting.

SENCOR is a product of Mobay Chemical Corporation, a diversified manufacturer of agricultural and industrial chemicals.

Telmark honored by NAMA

SYRACUSE, WI. — Telmark Inc., the agricultural leasing company wholly owned by Agway Inc. was honored at the Northeast Chapter of National Agri-Marketing Association (NAMA) at its recent Awards dinner held in Syracuse, N.Y.

Telmark was the recipient of the First Place 1985-86 Best of NAMA Award for a full-color, multi-part Dealer Sales Kit; and also received a Merit Award for their TRAC (Terminal Rental Adjustment Clause) Lease sales folder. Both of the award-winning entries were created by Telmark's marketing staff working in conjunction with the Syracuse-based

advertising agency, Paul, John & Lee, Inc.

Two of the four 1985-86 Best of NAMA Awards were presented to Telmark. Judging for the competition took place at the University of Wisconsin, and regional winners will be submitted for the national communications competition scheduled to take place in Dallas, Texas in several months.

Telmark Inc. is headquartered in Dewitt, N.Y. and offers its leasing services throughout the Northeast, Michigan, Ohio and Virginia to agribusinesses of all types. Telmark's lease portfolio currently exceeds 100 million dollars.

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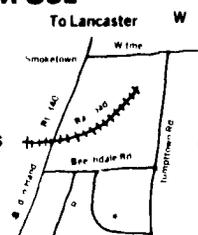
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