

# Business News



The Bou-Matic Heat Seeker pedometer is attached to the cow's rear leg several days after calving for heat detection.

## Bou-Matic Introduces Heat-Seeker™

MADISON, Wis. — Reproductive problems, such as undetected heats and untimely inseminations, can cost dairy operators \$89 per cow per year for every cow in the herd.

Bou-Matic introduces the Bou-Matic Heat-Seeker, a reproductive management tool that monitors cow activity. Increasing cow activity is a sign of heat and the Heat-Seeker records and reports activity increases to help dairy operators detect heat and correctly time inseminations.

The Bou-Matic Heat-Seeker

pedometer utilizes a miniature computer to monitor and record increased activity, indicating when cows come into heat. The pedometer is attached to the cow's rear leg several days after calving and when the cow is more active, the pedometer's light flashes, alerting the operator.

For more information on the Bou-Matic Heat-Seeker, contact your nearest Bou-Matic dealer or Brad Rodenberg, product manager, Bou-Matic, the Dairy Equipment Division of DEC International, P.O. Box 8050, Madison, WI 53708, (608) 222-3484.

## Plan Now For Best Use Of Residues

LEESPORT (Berks Co.) — Many farmers manage crop residues to reduce erosion, improve soil moisture retention, and reduce tillage costs, according to Rand McCormack, district conservationist for the Soil Conservation Service (SCS) in Berks County.

In addition to these benefits, they also comply with the conservation compliance provisions of the Farm Bills and remain eligible for farm program benefits.

Crop residue management requires sound planning to achieve the desired results, said Joel Myers, state agronomist for SCS in Harrisburg. The type of tillage equipment and sequence of tillage operations affect the amount of surface residue left at planting, he added.

Proper management of crop residue starts right after harvest, Myers said. "Planning for adequate spring residue cover starts in the fall with harvest," he said. "The percentage of residue after spring planting can be estimated now based on crop yields and the tillage system to be used."

You should calculate residue losses before you decide which tillage system to use. Include losses due to type of tillage, over-winter decomposition, and planting in your calculations. If you need help, contact your local SCS, conservation district, or cooperative

extension office.

Here are tips for effective residue management:

- Spread residue evenly in the fall to ensure that soils are protected over the winter. Even distribution in the fall will make tillage easier and improve crop stands if you're using no-till.

- Use a combine equipped with a spreader to ensure easy and quick distribution of residues.

- Use a rotary hay fluffer to spread soybean stalks or small-grain straw if you don't have a spreader or combine.

- Use a chopper or shredder to evenly distribute coarse residues such as corn stalks.

In addition, Myers said the type of fall tillage used can affect the residue levels remaining after spring planting. If you plan to fall till, here are some facts you should know:

- Residues decompose faster when you fall till. Fall chiseling followed by spring disking may reduce residue levels from 80 percent after harvest to 15 percent after spring planting.

- If you chisel and use a field

# Spreaders Have 1,000-2,500 Gallon Capacity



HAGERSTOWN, Md. — Knight Manufacturing Corporation is proud to introduce a new series of Knight Silnger spreaders.

The new 7700 Series are the 7710, 7712, 7716, and 7725 models with capacities from 1,000 to 2,500 gallons. The two larger models are also offered as truck mounted units.

The new Wide Mouths feature a 9-inch wider expeller opening yielding 30 percent more expeller capacity to help handle the toughest materials.

The 7700 Series feature 15 forged steel free-swinging hammers.

Other changes include constant velocity PTO shafts with slip-clutch, new nylon anti-seize hammer bushings, and a 25 percent heavier hammer shaft.

See the new Wide Mouths at your local Knight dealer.

## Herbicide Available In Eco-Pak™

WAYNE, N.J. — For 1993, a new, advanced formulation of Scepter® 70 DG herbicide will be sold in 5-acre water-soluble packages, eliminating all 2½-gallon containers and all 2.1-pound plastic jugs of Scepter® herbicide.

The new package, called Eco-Pak™, is especially designed to:

- Eliminate pesticide container disposal problems.
- Provide premeasured quantities in an easy-to-use packet.
- Eliminate product exposure to users.

Dwight Cowan, American Cyanamid product manager for Scepter,

sees some real advantages to the new Eco-Pak™.

"I'm excited about the leadership position Scepter has taken as the first soybean herbicide making a total conversion to this innovative packaging. Eco-Pak™ water soluble packets provide soybean farmers a practical solution to container disposal problems," said Cowan.

In 1992, growers in three states treated more than 25,000 acres of soybeans to evaluate the Scepter Eco-Pak™. The growers tested the storage, handling, mixing, and spraying characteristics of the Eco-Pak™ and reported very positive results.

"Growers liked the fact that there were no pesticide containers to triple-rinse or dispose of. They reported that the small, water-soluble bags were simple and easy to use, and the premeasured package eliminated measuring prob-

lems," said Cowan.

The Eco-Pak™ will be sold in packages that contain two packets that treat five acres each at the standard 2.8-ounce rate.

These packets float in a water-filled tank and begin to dissolve in one or two minutes, releasing the new, advanced formulation of Scepter 70 DG. The improved granule formulation disperses in the water in less than 60 seconds. And the packets are made of inert ingredient that completely dissolves within minutes after being added to the tank, keeping spraying equipment clog-free.

"Technological advancements such as new dry-granule formulations and development of effective water-soluble packaging, provide strong benefits to farmers and dealers in terms of container disposal, product exposure, storage and convenience," said Cowan.



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