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planters. These units cut clean, narrow slots with minimum soil disturbance, unlike conventional double disc openers that throw soil out to the side and leave a wide, v-shaped trench. Contact: Yetter Mfg. Co., Inc., Colchester, IL 62326-0358. Phone toll free outside IL at 800/447-5777. Toll free inside IL 800/325-7165.

Ammonium sulfate may improve weed control

NEW YORK, NY — Addition of ammonium sulfate to Landmaster and Roundup herbicides for control of annual weeds can give farmers a hedge against unfavorable weather conditions, according to latest research findings. Monsanto Agricultural Company recently added ammonium sulfate to the labels of Landmaster and Roundup when studies revealed that the combination may improve the performance of these herbicides under adverse weather conditions. Because cool, cloudy, or wet weather cannot always be predicted or avoided, Monsanto

recommends routine addition of ammonium sulfate to Landmaster and Roundup as a precautionary measure. The suggested rate of ammonium sulfate is 17 pounds of dry additive for every 100 gallons of spray solution.

Clair Stymiest, crop specialist with South Dakota State University, has studied the combination of Roundup and ammonium sulfate for four years. He believes that ammonium sulfate increases the absorption of glyphosate, an active ingredient in Landmaster and Roundup herbicides.

"During the spring of 1983, the

effects of ammonium sulfate were easily seen," observes Stymiest. "Herbicides applied alone produced 35 percent control of downy brome, but when ammonium sulfate was added, we achieved up to 90 percent control." Stymiest notes that weather conditions during this particular year were cool.

Stymiest's work with ammonium sulfate has been mainly on fallow ground and ground prior to planting of a no-till crop. He says the ammonium sulfate/herbicide combination also works well against volunteer wheat and other grassy weeds.

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