



(Continued from Page 24)

atrazine to provide more consistent control. Aim is expected to receive EPA registration by late 1997 or early 1998.

Balance 75WDG (Rhone Poulenc) is a new preemergent herbicide containing the active ingredient isoxaflutole. Isoxaflutole is a pigment inhibitor that controls a wide number of weed species including velvetleaf, lambsquarters, pigweed, common ragweed, smartweed, and nightshade, as well as some grasses. The application rate range is between 1.5 to 2 ounces per acre. In most situations, Balance will need to be tank mixed with a preemergence grass herbicide to improve grass control. It provides good weed control in both conventional and conservation tillage systems. Some corn injury has been observed on coarse textured soils or situations of early season stress (e.g., compacted areas), so follow appropriate label precaution. Do not apply Balance to sand or loamy sand soils where the water table is less than 25 feet deep. Balance has a 6-month crop rotation interval for all crops. Balance herbicide is expected to have EPA registration by spring 1998.

Distinct 70WG (BASF), coded BAS 662, is an experimental postemergence herbicide that contains a new growth regulator-type herbicide (diflufenzopyr) plus dicamba (Banvel/Clarity). This herbicide interferes with plant auxin balance and causes susceptible weeds to bend, twist, and die. It is effective on many types of broadleaf weeds and provides some suppression of certain annual grasses (herbistatic). It is a more active herbicide than Banvel or 2,4-D alone. Distinct is expected to be commercially available by the 1999 growing season.

Harness/Balance (Monsanto/Rhone Poulenc) is an experimental premix of acetochlor (Harness) and isoxaflutole (Balance) for preemergence application. Both Monsanto and Rhone Poulenc anticipate having a prepackaged product of isoxaflutole and acetochlor, however, each will contain a different ratio. The addition of Harness improves grass control and enhances activity on small seeded broadleaf weeds. It is not expected to be commercially available until the 1999 growing season or later.

Liberty ATZ (AgrEvo) is a new prepackaged product

being developed that contains glufosinate and atrazine. It will be used in Liberty Link or glufosinate-resistant corn hybrids only. Liberty ATZ is expected to be available for the 1999 growing season.

Pinnacle 25DF (DuPont) will be labeled for early post application in corn. The rate will be 1/4 ounces per acre and applied from the 2 to 6 corn leaf stage (<6 collars). Pinnacle will provide good control of velvetleaf, pigweed, lambsquarters, smartweed, and mustards. Do not use if Counter insecticide has been applied. The Pinnacle corn label is pending EPA registration and should be available for the 1998 season. Roundup Ready corn hybrids (Monsanto/DeKalb) will be commercially available from DeKalb by 1998.

They will allow over-the-top applications of Roundup Ultra to corn. A typical program will include the use of a residual preemergence herbicide (e.g., Harness (Xtra), Bicep II, Surpass (100), Guardsman, etc. at planting followed by an application of up to 32 fluid ounces per acre of Roundup Ultra, if necessary to clean up any escaped weeds before corn reaches 24 inches tall. Another option would be to apply an early postemergence tank-mix treatment of Roundup plus a residual herbicide.

During this first year, supplies of Roundup Ready corn will be limited. Initially, it is expected that about one million acres worth of seed will be available nationwide. It is anticipated that there will be five to six DeKalb corn hybrids available; of those hybrids, possibly two will be suitable for the Northeast. A technology premium will be charged on each unit. Some foreign markets have not yet approved Roundup Ready corn imports but are expected to by early 1999.

Soybeans

New Products and Updates: Labeled:

Authority Broadleaf (FMC) and Canopy XL 56.3DF (DuPont) are premixes of Authority (sulfentrazone) + Classic (chlorimuron). Both products provide control of annual broadleaves such as lambsquarters, pigweed, velvetleaf, cocklebur, smartweed, nightshade, jimsonweed, morningglory, and nutsedge when applied preemergence. Like Canopy, application restrictions apply if soil pH is greater than 6.8. In

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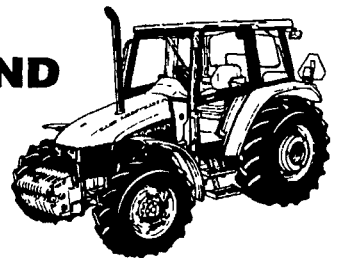


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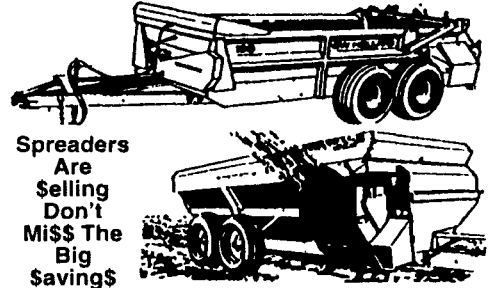


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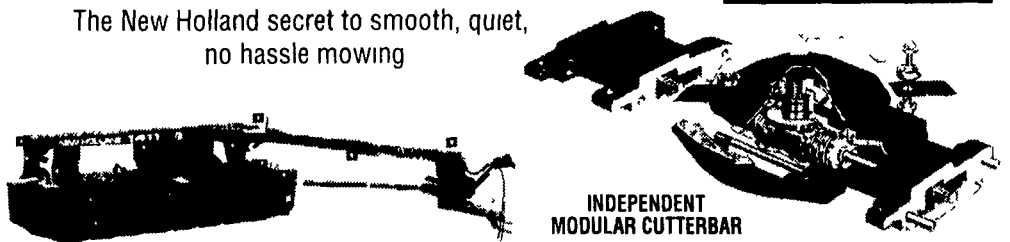
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