

Crop Observation And Recommendation Network (CORN)

Mid February, 2001

(OSU) Extension Agronomy Team and State Specialists at The Ohio State University and Ohio Agricultural Research and Development Center.

formulation of isoxaflutole (Balance), which may reduce tank-mixing problems that occasionally occurred with the 75WDG formulation.

Canopy SP 58.3DF replaces Canopy 75DF. The ratio of chlorimuron to metribuzin is unchanged, but

Weed Control Product Formulation Changes (Loux) Balance Pro 4L is a liquid



product use rates increase due to the lower percentage of active ingredient in the formulation. Dupont may be phasing out all Canopy formulations, with Canopy XL as the replacement.

Harmony GT 75DF replaces Pinnacle 25DF, and is labeled for soybeans (1/12-ounces per acre) and wheat (0.5 to 0.6-ounces per acre). This will reduce the cost of lambsquarters control in soybeans, and provide another option for control of wild garlic and winter annual weeds in wheat.

Hornet WDG is a 78.5 percent active ingredient formulation that replaces Hornet 86DF. Common use rates are now 3, 4, and 5-ounce per acre, instead of 2.4, 3.2, and 4-ounce per acre.

Gramoxone Max replaces Gramoxone Extra, and the new formulation contains three pounds paraquat per gallon. Product use rates are thus reduced slightly compared to the previous 2.5 per gallon formulation.

Roundup Ultra Max replaces Roundup Ultra. The amount of glyphosate acid equivalent per gallon in-

creases from three to 3.75 pounds per gallon, with a reduction in the amount of product per acre.

Glyphosate, Glyphosate, And More Glyphosate (Loux)

A number of glyphosate products are currently available, including Roundup Ultra Max, Roundup Original, Roundup Ultra Dry, Glyphomax, Glyphomax Plus, Touchdown 5, and others. Most are labeled for preplant burndown in any crop and postemergence use in Roundup Ready soybeans, but not all are labeled for post-emergence use in Roundup Ready corn.

In OSU research, few differences in weed control have been observed when comparing the various glyphosate products. However, differences among formulations may result in differences in rainfastness, surfactant recommendations, or control under adverse conditions. For example, the rainfast interval indicated on the Roundup Ultra Max label is one hour, while other glyphosate product labels specify

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