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New Herbicide Update

Many new herbicides have entered the market place for 1987. Some are combinations of familiar products, others are new. An overview of the new herbicides follows:

**Corn-Sorghum Herbicides**

- **Atrabute+.** A combination of 1.2 lbs atrazine plus 4.8 lbs butylate (Genate+) for PPI use in corn. Similar to Sutazine and Rhino. Griffin.
- **Atrabute+ II.** 1.7 lbs atrazine plus 4.3 lbs butylate for corn growers that want a bit more broadleaf weed control. Griffin.
- **Conquest.** A combination of 3 lbs cyanazine (Bladex) plus 1 lb atrazine. The sister product Extrazine has 2.7 lbs cyanazine and 1.3 lbs atrazine. DuPont.
- **Laddok.** A combination of 1.7 lbs atrazine plus 1.7 lbs bentazon (Basagran) for postemergence broadleaf weed control in corn and grain sorghum. BASF.
- **Marksman** is a combination of 1.1 lbs dicamba (Banvel) and 2.1 lbs atrazine for postemergence use in corn. Sandoz.
- **Rhino.** A combination of 1.2 lbs atrazine plus 4.8 lbs butylate for PPI use in corn. Similar to Sutazine and Atribute+. PPG.
- **Tandem** (tridiphane). A postemergence herbicide used in combination with atrazine or Bladex for weed control in corn. Dow.

**Soybean Herbicides - One Ingredient**

- **Classic** (chlorimuron ethyl). Used postemergence for broadleaf weeds in soybeans on soils with a pH of 6.8 or less. DuPont.
- **Cobra** (lactofen). Provides postemergence broadleaf weed control somewhat similar to Blazer and Tackle. Registration pending. PPG.
- **Command** (FMC 57020). A preplant incorporated herbicide for grass and broadleaf weed control in soybeans. Outstanding on velvetleaf. FMC.
- **Reflex** (fomesafen). Used postemergence for broadleaf weeds. Similar to Blazer. Registration pending. ICI.
- **Scepter** (imazaquin). Used ppi, pre, and postemergence for broadleaf weed control. American Cyanamid.
- **Tackle** (acifluorfen). Used postemergence for broadleaf weeds. Similar to Blazer. Rhone-Poulenc.
- **Whip 1EC** (fenoxaprop). A postemergence grass herbicide with characteristics similar to Poast and Fusilade. Hoechst-Roussel.
**Soybean Herbicides - Combinations**

- **Canopy.** 1 part chlorimuron ethyl (Classic) and 6 parts metribuzin (Lexone) for preemergence applications. DuPont.
- **Commence.** 3.0 lbs trifluralin (Treflan) and 2.25 lbs FMC 57020 (Command) for preplant incorporated applications. Elanco and FMC.
- **Gemini.** 1 part chlorimuron ethyl (Classic) and 12 parts linuron (Lorox) for preemergence applications. DuPont.
- **Lorox Plus.** 1 part chlorimuron ethyl (Classic) and 16 parts linuron (Lorox) for preemergence applications. DuPont.
- **Preview.** 1 part chlorimuron ethyl (Classic) plus 10 parts metribuzin (Lexone) for preemergence applications. DuPont.
- **Salute 4EC.** 1.33 lbs metribuzin (Sencor) plus 2.67 lbs trifluralin (Treflan) for preplant incorporated use. Mobay.
- **Squadron.** 6 parts pendimethalin (Prowl) with 1 part imazaquin (Scepter) for preplant incorporated or surface mixed applications. American Cyanamid.
- **Turbo 8EC.** 6.55 lbs metolachlor (Dual) plus 1.45 lbs metribuzin (Sencor) for soil application. Mobay.

**Small Grain**

- **Ally.** One of the new generation of sulfonyl urea herbicides for broadleaf weed control in small grain. 3 to 6 week residual compared to 6 to 18 months for Glean. DuPont.
- **Express.** A short residual sulfonyl urea herbicide with uses similar to Ally and Glean. Registration pending. DuPont.
- **Harmony.** Chemistry and uses similar to Glean and Ally but with shorter residual activity than Glean. Registration pending. DuPont.

**Additional Herbicides**

- **Cyclone** (paraquat). Cyclone contains 2.0 lbs active ingredient per gallon and is registered for fallow uses. ICI Americas.

**Gramoxone Super** (paraquat) is the surviving product in the paraquat realignment involving ICI Americas and Chevron-Ortho. The new Gramoxone Super contains 1.5 lbs active ingredient per gallon. ICI Americas.

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