PISTON PUMPS

Series 5400
4-CYLINDER PUMP
25 gpm output at 600 psi
3 hp
5 gpm at 200 psi
GN6310R (develops up to 300 psi with 6-ROLLER PUMP; Output 30 gpm at 540 rpm)
3 hp engine (also available with gas engine)

ROLLER PUMPS

Series GN6310R
6.9 gpm at 100 psi
5 gpm at 200 psi
3 hp engine (develops up to 250 psi with 4-hp engine)

Series 7560
8-ROLLER PUMP
Output 12 gpm (at 540 rpm)
Pressure to 300 psi

Series 1500
6-ROLLER PUMP
Output 30 gpm (at 540 rpm)
Pressure to 150 psi

Choice of rubber or nylon rollers
Write for complete pump catalog or request pump recommendation for your need.

Tank Mixed Compounds
Okayed Says EPA

Can two chemicals each bearing an EPA approved label be tank mixed? Can you apply one compound immediately after the application of another compound?

These and other questions have haunted applicators across the country for many years. Now the Environmental Protection Agency has published guidelines. According to EPA, tank mixes and serial applications fall into one of several categories:

Category 1. Instructions provided for such use on one or more labels of EPA registered products;

Category 2. Such use may be covered by an intra-state registration;

Category 3. Various tank mixes and serial applications have been tested and recommended by agricultural experiment stations, state departments of agriculture or are common agricultural practices.

EPA says that tank mixes or serial applications which are consistent with the label constitute an acceptable use.

Intra-state registrations remain valid until replaced by EPA registrations under Section 3 of the amended FIFRA. This will occur generally after October 21, 1974, and be completed by October 1976, according to the timetable set for the Federal Environmental Pesticide Control Act (FEPCA). Special actions taken by the EPA administrator in the form of orders could reduce this time schedule. For the time being, tank mixes and serial applications registered by a state will not be deemed uses inconsistent with the label.

EPA has said that in passing FEPCA, Congress intended for the Agency to apply the test of reasonability in enforcing misuse provisions. Thus, until FEPCA is fully implemented, tank mixes and serial applications in Category 3 will not be considered inconsistent with the label if:

1. The products in the mix are applied at a dosage rate not to exceed the label instructions for use of any product in the mix used single for the same set of insects on the same crop; and

2. the label on one or more of the products does not explicitly instruct against such mixture.

There's a lot of "iffy" and not assumed risk which EPA cautions applicators to take into account before mixing, however. For instance, EPA says it is okay to mix the compounds, providing efficacy, human and environmental safety data warrants the use. The applicator must also be willing to accept the risk with respect to effects on crops, equipment, applicator safety, environmental effect and tolerance pre-harvest intervals.

In other words, EPA has given permission but not granted approval. It still reserve the right to prohibit the action on a case-by-case basis.