

as well as the Adja spray marker and SED spray monitor."

Franklin Lee, Norwood, N.C., has had little trouble with his **Sprayrite** Ground Plane tractor-mounted sprayer. "It's well-built and the hydraulic drives on the spinner-type CDA nozzles have been trouble-free. However, they shouldn't use brass gate valves on the sprayer."

Darrel Kammeyer, Manito, Ill., built his own trailing sprayer and says its only fault is that it's too slow. "It needs a bigger pump and wider booms. I also should have designed the monitors and controls to hook up in one easy package, the way I would expect them to on a commercial unit. The sprayer is equipped with Dickey John spray controls."

"Our **Deere** 550 trailing sprayer works better than any I've ever owned. The hydraulic pump is very accurate because of its steady pressure and the slide rule that comes with the sprayer really helps. They should, however, split the boom into three parts with three separate controls," says Lloyd C. Ridge, Grant City, Mo., who also uses saddle tanks and a second sprayer, along with his field cultivator, to incorporate Treflan.

O.H. Feuge II, Floresville, Texas, has been pleased with his **Ewald** trailing sprayer. "It does a good job, spraying very evenly, thanks to its adjustable height booms that are quick and simple to use. Instead of direct welds to the frame, however, I would like to see leafsprings on the axle to reduce the chance of vibration-caused cracks in the tank."

"They do exactly what they are supposed to do without bending, breaking or falling apart, and they require only normal maintenance to nozzle tips and pumps," says Glenn Coates, Picton, Ont., happy with his 1974 **George White** 120 tractor mounted sprayer and his 1967 **George White** 240 sprayer.

Murray Huber, Lipton, Sask., owns a 1979 56-ft. **BlumHart** sprayer. "I'm generally satisfied with it. The sprayer rides smooth, thanks to walking wheels on the tank, and wheels on the booms are far enough apart to keep the booms at a constant height. The sprayer also transports fairly simply. I'd like to see them use a type of neoprene rubber in the nozzle check valves to prevent expansion of the rubber check valves due to petroleum-based chemicals. In addition to this sprayer, I also bought a **Morris** 68 ft. harrow equipped with a BlumHart mounted tank and spray nozzles for incorporating chemicals."

Glenn and Rex Spray, Mt. Vernon, Ohio, told FARM SHOW that, despite their name, "We don't own or operate a field sprayer. We farm 700 acres and, with no chemical fertilizers or pesticides, all we have to do is cultivate. We've farmed this way for 14 years."

C. M. Holmquist, Okabena, Minn., says he owns a "very old **Soderholm** Sprayer. We've been well-satisfied with it after putting on a bigger pump. We have another sprayer

mounted on our disk, which saves time, is less trouble on a windy day, and lets us incorporate in one operation."

"We bought our sprayer three years ago from **Sprayer Specialties**, Grimes, Iowa. I like the handiness and ease of operating the Raven electric controls. I would like a wider range on the pressure adjustment, however. Mounting is fairly easy and visibility is good. I also have a **Hi-Boy** sprayer which is good for growing crops and high pressure, low volume spraying. I plan to switch to spinner-type spray applicator nozzles when they have been sufficiently tested and proved reliable," says Morris J. Swenka, North Liberty, Iowa.

David Wiegand, Drakesville, Iowa, owns a 1969 **Kuker** sprayer. "I've been pleased with it. It's always on the job, requiring little maintenance. I want to knife in 28% nitrogen along with P and K so I'm now looking for a trailing sprayer that I can pull behind my toolbar and use separately as a field sprayer."

Dale Lemcke, Loreburn, Sask., likes his new **Flexi-Coil** harrow-mounted sprayer. "It's accurate and the charts that come with it are right on. I apply Avadex and Treflan as I harrow so it really speeds things up. I'd like to see them use quick-change nozzles, though."

"They should use a larger horsepower engine, with a higher speed road gear, and a new roller-type pump instead of a piston pump. Also, the agitator doesn't keep the chemicals well-enough mixed at slower speeds. The sprayer probably works alright on flat land but, unfortunately, my land is hilly," says Wilbur Farley, Pipestem, W. Virg., displeased with his **John Bean** self-propelled bean sprayer.

What chemical application programs work best for you?

"I've had very good success in corn with ½ lb. atrazine and 1½ lb. Bladex. This combination minimizes carryover, yet gives good weed and grass control," says Tom Daniels, Arco, Minn.

"We use Sutan-atrazine or Bladex-atrazine in corn, and Treflan on soybeans with Blazer-Basagran over the top. We use Roundup and Fusilade to control Johnsongrass," says Wally Scheer, New Haven, Mo.

"I've been pleased with 1 gal. Lasso per acre on beans and 2 qts. Prowl and Bladex on corn," says Harold Johnson, New Richland, Minn.

Edward L. Williams, Fletcher, Okla., says "2,4-D at 1 pt. per acre works real well. Glean at 1/6th to ½ oz. works well on bindweed and wild buckwheat."

"Eradicane has been very good in corn at 1 gal. pre-plant per acre. Banvel and 2,4-D have also been good at ½ pint each per acre when corn is 3 to 4 in high. In beans, Treflan has been the best. I still haven't found a good cocklebur spray, though," says C.M. Holmquist, Okabena, Minn.

David Wiegand, Drakesville, Iowa, says he's treated his corn the same for 15 years. "We spray 2 lbs. Aatrex and 2 qts. Lasso on corn ground and use 2 qts. Lasso and 2 lbs. Lorox on beans. Both are good."

"We use 1¼ qt. to 2 qts. Aatrex plus 2 qts. Lasso on corn and on beans we use Lorax and Lasso, as well as some Dual. We use Blazer on beans that are up," says Melvin J. Yoder, Utica, Ohio.

"To plant corn and apply chemicals in one pass, we use our Demco tractor-mounted caddy and a Danish tine field cultivator mounted in front of our planter. It works best early before weeds get big, applying Dual plus Aatrex. In fields with large weeds, we hook our disk behind the

Demco caddy and dig deep enough to chop out weeds and spray with nozzles on back of the disc. Late season we hook on packer rollers and a harrow to save moisture," says Dave Bishop, Atlanta, Ill.

"I use 1 qt. Aatrex and 1 qt. Bladex with 2 qts. Lasso. On the second application, when the corn is hip-high I use 1 lb. atrazine plus crop oil for broadleaves," reports Adrian Freidhof, Elma, Iowa.

"I use Treflan at ½ pt. per acre for pre-emergence control on beans and Basagran at 1 pt. plus Poast at ½ pt. for post-emergent control," says Wm. B. Geerdes, Casselton, N.Dak.

"Wheat and grass pastures are our only crops and we use Glean on wheat and 2,4-D and Banvel on our pastures," says John D. Hobbs, Kingfisher, Okla.

"In beans I use 1 gal. Amiben, 2 pts. Dual and ½ lb. Sencor over the top after planting. In corn I use an atrazine-Lasso mix and sometimes Bladex and Eradicane, depending on the rotation," says Victor Domke, Webberville, Mich.

"Fusilade gives excellent control of volunteer cereals, wild oats, and quack grass in flax at the 2 liter per hectare rate. Poast gives excellent control of cereals and quackgrass in Canola. I'm very disappointed in Buctril for control of sow thistle. Just 6 weeks after spraying, they were in full blossom," says John Simpson, Ft. Vermillion, Alberta.

"We used 46 liters of Basagran with Assist on 46 acres of soybeans and six days later went in and sprayed with Poast plus Assist at half-rate and got excellent results," says Robert Lebeau, Brucefield, Ont.

"We use 2,4,5,T at 1 pt. per acre to get rid of weeds and mesquite brush in coastal grass," says custom hay producer O.H. Feuge II, Floresville, Tex.

Glenn Coates, Picton, Ont., has come up with a pre-emergent chemical program for corn and beans that, he says, is the least affected by weather of any he's tried. "In soybeans we use 5 liters Lasso per hectare with 2.5 liters Lorox per hectare and in corn we use 5 liters per hectare Lasso and 2.5 kilograms Bladex per hectare. Both are applied with 20 gal. of water per acre."

"We use Aatrex at 2 qts., Sutan at 2 qts., or Dual at 1 qt. per acre in corn. In soybeans, we use Treflan at 1 pt. plus Vernam at 1 qt. for our conventional tillage land. On no-till land we use Paraquat at 1 to 2 pts. and Lorox at 1 lb. For post-emerge work in soybeans, we use Fusilade, Blazer or Basagran," says Franklin Lee, Norwood, N.C.

"I put Treflan on bean ground and banded and spot-sprayed Basagran and got nearly perfect control this year for about half the cost of a total broadcast application," says John R. Wasson, Winchester, Ind.

"We used a Bladex plus Dual tank mix at Cornell-recommended rates this year and it worked quite well. Would like to know what others use on peat soils," says Everett Pendleton, Rushville, N.Y.



Home-Made Truck Sprayer

Charles Gorrell, Malta Bend, Mo., stripped a 1959 Ford truck down to the frame to build a king-size custom sprayer with 52-ft. booms, an 816 gal. spray tank, and foam markers. "We used it last spring to apply pre-emerge chemicals and during the season to apply Basagran and Blazer. I've never seen another truck sprayer go through full-grown beans up to 3 ft. tall

the way this one does. One of its innovative features is that the spray water is used to cool down the hydraulics," says Gorrell, who told FARM SHOW he'd like to talk to manufacturers interested in building and selling his truck sprayer.

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