

Prepare Sprayers Now For Winter

A good sprayer is a critical part of today's chemical farming. To prevent costly repairs and time loss when you're ready to use it again next spring, prepare it properly for winter storage now.

Cleaning, checking and protecting spray equipment before storage will minimize problems and extend its useful life, says University of Delaware extension-agricultural engineer Tom Williams.

Cleaning should include a thorough washing inside and out with sudsy water. Use ¼ pound of powdered detergent per 25 gallons of water or enough liquid detergent to make a sudsy solution. Circulate the detergent through the sprayer for 10 minutes, then empty the tank by spraying the solution through

the boom. Flush with clean water.

To neutralize pesticide residues such as 2, 4-D, 2, 4-DB and Banvel, Williams says to fill the tank at least half full with clean water and add 1 quart of household ammonia for each 25 gallons of water. Circulate the mixture through the sprayer for 10 minutes, then pump some through the boom and nozzles. Leave the ammonia solution in the sprayer overnight and spray it out through the nozzles the next morning. Flush the system with a tank full of clean water.

Remove and clean all screens, nozzles, check valves and filters and put them back in place. If your sprayer has a ground driven pump, change the oil in the gearbox. If the oil is milky or looks contaminated with water, the pump needs new

packing. Replace any worn parts or deteriorated hoses.

Finally, make up enough solution of 50 percent permanent antifreeze and 50 percent water to fill the pump, booms and tank above the agitation pipe. Circulate the mixture through the system and pump enough through the nozzles to fill the boom. Leave this in the sprayer until next spring to prevent freezing, rust and corrosion.

"Some storage recommendations suggest filling the pump with oil," Williams says. "But oil and water don't mix, and even a little water left in the system could be enough to damage the pump during freezing weather. It's better to use antifreeze to protect the pump."

Take the time to prep your sprayer for storage, the specialist concludes. It's worth it.



MAILBOX MARKET FOR SALE

Three wooden gondolas, 2 made from barn siding, good for store, \$400 for all. Pike Co. Eves., 717-588-6350.

Ford 801 dsl. tractor w/3 pt. P. steering, extra hydraulics; Ford 8N w/heavy duty loader, 3 pt 2B; 3 pt. plow. 215-791-0186

Pair 20.8x38 Armstrong Hi-power lug tires & tubes, 25% tread. Northumberland Co. 717-425-2194.

Firewood: cut your own, \$5 pickup load. Landisburg, Perry Co. After 6PM, 717-789-3326.

Stauffer air operated water pump, good condition, \$225. Isaac Beiler, 113 Greentree Rd., Quarryville, PA 17566.

3 pt. belt driven wood saw, 30" blade, \$200; Case corn stalk beater, needs 1 belt, \$75 York Co. 717-244-3415.

New 30HP GE motor 220/460, 60 cycles. Make Offer '75 Ford Pinto V6, automatic, 51,000 mi., nice, \$695. Berks Co. 717-933-8105.

Rear end for 1984 Ford truck, coal and wood burner, 5' lawn seeder Union Co. 717-966-2655

Coal hot air furnace w/Hershey automatic stoker, good condition Lanc. Co., Lititz, PA. 717-627-6401.

Farmall 240 w/cultivator, steel wheels, 50" high, 10" wide, 26" center, 10' JD transport disk 215-267-4150.

Yellow flame stoker, Model 40, hot water, good working condition. Columbia Co. 717-799-5744.

Suburban coalmaster heater, burns wood or coal, good condition, \$295. David Glick, Gridley Rd., Lancaster, PA 17602. Between Lanc. and Strasburg.

Arabian mare, 5 yrs., proven brood mare, chestnut w/white stockings, Desert Sands granddaughter, broke to ride, \$1,200. Montour Co 717-275-0208.

Juke box Wurlitzer 2700 (1967), orig. owner, good cond., extra parts. 1000s 45 oldies, \$1,000 Takes all. Perry Co 717-536-3236

1981 Peerless mobile home 14'x54' 2BR 1 bath, skirting and new porch included. York Co 717-862-3780.

Green plaid sofa bed, like new, \$175, sewing machine cabinet w/three drawers, \$50, swing set, \$25. Lanc. Co 215-445-5969

LeCar rims w/snow tires, \$25 pair, 12" Toyota rims, \$10 pair Lanc Co 717-569-9379

1980 Honda CX500 deluxe w/matching "Hondaline" bags, excellent condition, 11,000 miles, \$500. Lanc Co After 6PM, 717-687-6217

1972 Ford dump truck, excellent condition, 16' bed, air brakes, 391 5+2 trans. Cumb. Co 717-532-7638.

25 just-station stalls in good shape; iron fencing for hogs. Best Offer. 3438 W. Newport, Ronds, PA 17572.

1970 Window van, automatic trans., needs some mechanical, body work, inspection not due until next summer, \$300. Lanc. Co. 717-284-4598

20 cooking kitchen stoves, roomheaters, coal and wood burners 717-354-0251 after 5PM

Reg. Percheron Horses 3 yr old stallion; weaning stallion, geldings, well broke. Centre Co 814-466-7034.

Small Hereford beef herd 5 bred cows, 1 heifer, 2 heifer calves, 1 young bull, 1 service bull. Luzerne Co 717-864-3373

Dismantling 1974 Ford road tractor series W9000 Alum cab, Detroit engine, lots of new parts. Augusta Co 703-943-5494 after 8pm.

Singer electric, heavy duty sewing machine, model 38-3, \$300; Peugeot rims, \$25; Brinly 12" garden plow, \$50. Berks Co 215-488-6081.

10 good house windows, 28wx24h matching alum storm windows, 40' extension ladder, 16' antique porch bench. Lanc Co. 717-768-8393.

Firewood Cut your own or otherwise. Daniel S Yoder, 4403 Little Elk Creek Rd., Oxford, PA 19363

3 pt. lift harrow, 3 sc, 3 pt. A.G. corn planter, 2 row, 3 pt. row maker 215-445-4565

Meeting house changed into living quarters, 9 rooms w/full basement around 1½ acres. Tioga Co., Wellsboro, PA 717-724-1397.

5 yr. old carriage horse, real hand full; Minnich tobacco press, silage cart, iron kettle. Lanc. Co. 717-354-5039.

1974 Int. truck, 392 engine, 33,000 gross, 16' grain bed, 22 ton hoist, 5+2, PS, air brakes. York Co 717-755-8394.

Limb lopper air pruners, \$75; Myers snow plow w/loader mounts, Newdraulics pruner, \$75; spin balancer, \$150 Adams Co. 717-677-6536

Two row wide corn head for 880 NH chopper, good cond., \$150. Warren Co., NJ, 201-362-6811 or 362-6496.

1978 diesel Olds, 65,000 miles; 1968 Mustang, 62,000 miles; unused postage stamps and plate blocks. Perry, 717-582-4898.

1980 Toyota 4x4, 4 spd, fiberglass cap, bedliner, 3" lift, tube bumpers, chrome wheels, extra wheels and tires. Good truck. Berks, 215-926-2446.

JD 100 stacker, good shape, side unload tank spreader, \$150, NH haybine guards for 479 and 489, \$6.00 Berks Co 215-683-9596

Tires and wheels size 13-26, 6 ply and 14-9-26, 6 ply, good cond., \$150 or both. Dauphin Co. 717-896-3656

Singer 188KI gold medal industrial type sewing machine w/table and ½ HP electric motor, \$1,500; DeLaval separator, \$75. Somerset Co. 814-662-2177

1256 IH rebuilt engine, rebuilt TA, good shape, wide front for 656 Garrett Co. 301-245-4573.

Dorset ewes, most due to lamb very soon Lanc. Co 717-529-2313.

Two hole piggy feeders, \$5.00 each, 52" dia grain elevator, \$500; Speedster, good cond Lanc Co. 717-354-8584

JD spreader, barrel type, very good cond., 145 bu Price \$550. Wayne Co 717-253-3498

Ford 8600 336 baler, Fahr KH500 tedder, 256 rake, 2 steel bale rack wagons, 1 yr old. Susq Co 717-222-3810

AC model B w/plow and cultivator, \$1,000, also 1972 Plymouth Valiant, \$800 Lanc Co 215-445-4321

Oliver combine 525 cab, 12' grain head, 2 row corn, bad engine, \$1,500 Bradford Co 717-297-3879

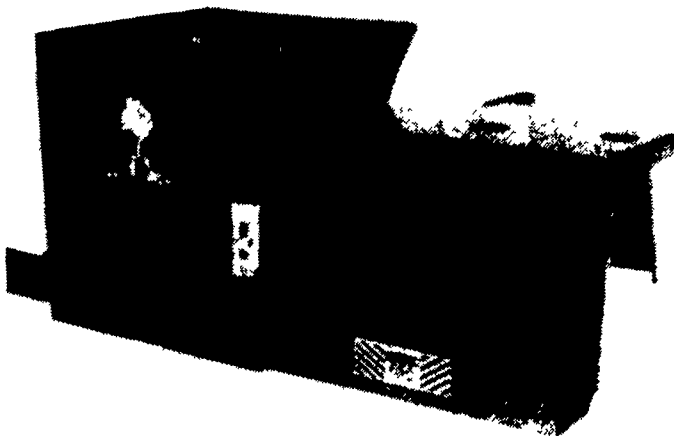
Ford tractor 6,000 select-o-speed, 74 Plymouth Valiant Warren Co 201-475-5345

AKC boxer, female, \$25, white, gentle pony, bridle, saddle, \$150. No Sunday calls. Schuylkill Co 717-345-6278.

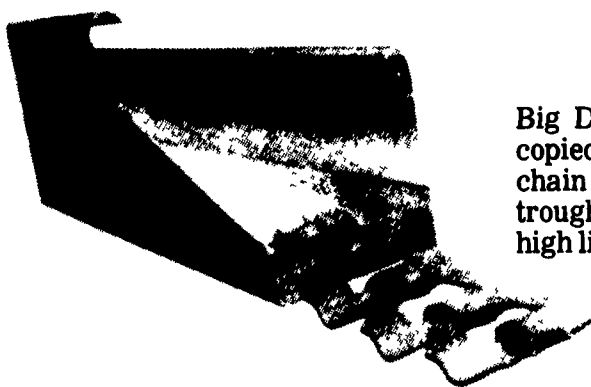
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