

Classifieds

When answering ads where box number only is given, please address as follows: Box number, c/o Weeds Trees and Turf, 1900 Euclid Avenue, Cleveland, Ohio 44115.

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POSITION WANTED

AGRONOMIST—M.S., with 12 years experience in weed control and the turf grass field. Desires a position in research or development. Willing to relocate. Write Box 9, Weeds Trees and Turf Magazine.

FOR SALE

TREE SPRAYING EQUIPMENT: One three-piston, 60-gpm, Hardie high-pressure pump, \$400; 400-500 ft. 3/4-inch high-pressure hose, used one season, \$400; one complete tree spraying unit (37-gpm pump, 500-gal. tank with above hose, two Nelson long-distance guns, Leroy industrial engine), \$1900. P. O. Box 71, Commack, L. I., N. Y.

Improved Stump Cutter Manufactured by Brooks

A specially designed cutting head which permits close splitting is a main feature of the new "Stump-King" stump cutter recently introduced by Brooks Products.

This new machine is capable of cutting out 4 1/2-ft. to 5-ft. diameter stumps to a depth of 24 in., according to the manufacturer.

Designed for a trailer frame which can be pulled by a light pickup truck, Stump-King is mounted on two standard 7.00 x 15 truck tires. The hydraulically controlled cutting head is situated at the rear of the machine.

Brooks says the Stump-King has eliminated the complete 180-degree rotation and individual locking of wheels required to set up other types of stump cutters.

Powered by a 36-hp gasoline engine, the Stump-King is completely lever-controlled by the operator, including lateral travel, cross-feed, and depth of the cutting head.

Other features include a 12-gal. hydraulic tank which takes commercial grade oil, and a special hitch designed for simple at-

tachment to a truck, Brooks claims.

Electric brakes are available for the Stump-King that has a 12-volt electrical system.

Detailed information of the new stump cutter is available to those who write Brooks Products Div., The Tool Steel Gear & Pinion Co., Township Ave. (Elmwood), Cincinnati, Ohio 45216.

How To Assure Better Aircraft Spray Patterns

A formula that aerial applicators can use to predict the downward drift of pesticides sprayed from aircraft has been developed by University of California agricultural engineers.

Engineer Wesley E. Yates, UC, Davis, in a recent report on aircraft spray research to the State Board of Agriculture in Salinas, outlined this formula:

"Scientific measurement of drift under many weather conditions and application methods showed significantly more measurable drift when: (1) atmospheric conditions were relatively stable with temperature inversion; (2) spray nozzles were pointed down, instead of backward; and (3) there was more nonevaporative oil in the spray mixture."

Latest research is pointing the

Advertisers

INDEX TO ADVERTISEMENTS

Asgrow Seed Company . . .	22
John Bean Div., FMC	11
Brillion Iron Works, Inc. . .	21
Chanderlin Seed Co.	27
Chevron Chemical Co.	7
Custom Spray Equipment Corp.	6
The Eagle-Picher Co.	8
Geigy Agricultural Chemicals	2nd Cover
Hardie Sprayers	5
Ideal Crane Division	6
Kemp Mfg. Co.	26
The Mock Seed Co.	24
Morton Chemical Co.	4
Robert B. Peters Co., Inc. . .	27
B. G. Pratt Co.	33
Shell Chemical Co.	23
Stauffer Chemical Co.	4th Cover
Universal Metal Products	3rd Cover
Vaughan's Seed Co.	25

way to "notable improvements in spray deposit patterns," Yates said in the report. University engineers are currently trying to devise new ways to spread fertilizer from planes faster, and in wider and more uniform swaths.



Troublesome stump in foreground was delaying landscape job until Stump-King came along. Makers of this new machine say it is ready to begin cutting as soon as it's backed up to a stump; no need to reposition unit's wheels. Blade is lever-controlled.