## Ky. Weed Control Researchers List Materials for Turf Work

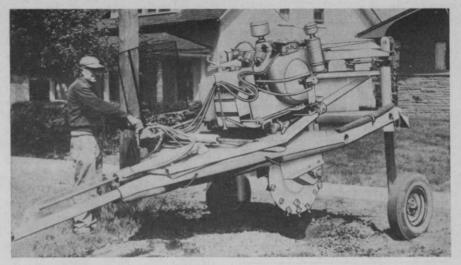
Materials used last season for control of grass and broadleaf weeds in turf were discussed recently by James Herron, University of Kentucky Agricultural Experiment Station weed control specialist.

Here are the findings, with emphasis on recommended materials, test data, and promising materials:

*Crabgrass:* (Preemergence) Betasan was the most promising new material of several used in this category. Dacthal will be the recommended material this year, as well as Bandane, Zytron, and calcium arsenate. Herron thinks preemergence treatments are best.

Postemergence: Not considered the best way to control crabgrass, but nevertheless frequently used. Materials containing disodium or amine methyl arsenates will be recommended.

*Nimblewill*: Liquid Zytron did best in tests and will be the recommended material again. Lorox



Vermeer's new stump cutter, powered with a 60-hp engine, is capable of ripping out stumps down to 15 inches below the ground, according to the Vermeer Mfg. Co., Pella, Iowa. The firm now offers six different models from 18 to 60 hp. The new Model 1560 has easy maneuverability for handling in enclosed areas.

at low rates showed some promise, with top kill of nimblewill and no injury to adjacent bluegrass.

Knotweed (Broadleaf of the smartweed family): Dicamba and Zytron appear most promising. When applied in 1962 these materials still had some residual effect in 1963 tests. Tordon, used at low rates, showed some promise and will be checked out at higher rates.

Chickweed and henbit: Amine and Lithate, formulations of the old standby, 2,4-D, controlled henbit but not chickweed. Silvex, Dicamba, and Kloben gave good control of chickweed when used in postemergence fashion.



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