

TURF MANAGERS' HANDBOOK

By Dr. William Daniel and
Dr. Ray Freeborg

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The TURF MANAGERS' HANDBOOK is an easy on-the-job reference to planning, purchasing, hiring, construction, and plant selection. These 424 pages contain 150 illustrations, 96 color photographs plus 240 tables and forms.



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by Dr. L.C. Truman
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PRODUCTS



Ditch Witch debuts compact loader

Ditch Witch, a company known for its trenching, vibratory plow and related equipment to install material in the ground, has entered the compact loader market. It is introducing the 400 LD, a half-cubic-yard, 40 hp class articulated loader.

Lift arms and bucket on the loader are solid steel. It has four-wheel drive and an articulated frame for maneuverability.

Bill Haynes, director of marketing, said the new loader is seen as a natural extension of the Ditch Witch line of equipment.

"We believe, he said, "there is a place in the market for a high-quality, compact loader and that the Ditch Witch 400LD has the highest quality and is the best value of any product available.

The machine is available through the Ditch Witch dealer organization which offers sales, parts and service.

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Dow offers wettable powder DURSBAN

Dow Chemical U.S.A. has added a wettable powder insecticide to its line

of Dursban insecticide products. New Dursban 50W is a broad spectrum insecticide which will control many pests harmful to turf and ornamental plants.

The product contains 50 percent Chlorpyrifos (0,0-diethyl 0-3,5 6-trichloro-2-pyridyl phosphorothioate) and 50 percent inert materials.

The new insecticide offers reduced phototoxicity effects compared to EC products, according to Vince Geiger, product manager for Dursban 50W.

"The product offers the benefits of

easy mixing with wettable powder fungicides, improved grub control, effective residual control, cost competitiveness and good storage and handling characteristics," he said.

The insecticide is approved for use in every state except California where label approval is in process.

Dursban 50W is compatible with commonly recommended insecticides, miticides and fungicides (except for alkaline materials.) It is applied as a dilute (with water) or concentrate foliar spray using conventional power-

operated ground spray equipment that insures thorough, complete coverage of foliage. In treating lawn pests, the insecticide is applied as a coarse, low pressure spray. Ornamental trees and plants are treated by applying a wetting spray to both upper and lower leaf surfaces as well as infested limb and trunk surfaces.

The product is also approved for control of peach tree borer and native elm bark beetle. It can be applied in area control of ticks and chiggers infesting non-cropland areas—roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas where pests create a nuisance and potential human health problem.

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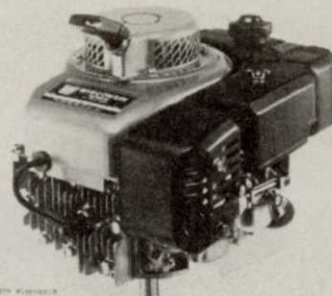


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Teledyne introduces vertical shaft engine

Teledyne Total Power, Memphis, has introduced its first vertical shaft Wisconsin Robin Long-Life Engine. The new unit is a single cylinder 3.5 hp air-cooled gasoline engine designated Model W1-145V.

The new engine represents Teledyne Total Power's first move into the vertical shaft engine market in recent years, with the unit targeted at the commercial lawn and garden equipment manufacturer, as well as the rental and replacement markets.

Model W1-145V has a heavy, cast-in iron cylinder liner; forged aluminum connecting rod; ball main bearings, mechanical flyweight governor; and a forged steel crankshaft. In standard configuration, the new engine produces its peak 3.5 hp rating at 3,600 rpm. It has a displacement of 8.72 cu. in. (143 cc) with a bore of 2.48 inches (63 mm) and a stroke of 1.81 in. (46 mm). At normal operating speeds, the noise level is low. In full production, the unit is well-suited for powering a variety of equipment requiring a vertical shaft engine, including professional lawn and garden equipment.

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