

Illinois Publishes Aquatic Plant Guide

"Aquatic Plants of Illinois," a new directory of the water weeds and plants of that state has just been published by the Illinois State Museum and the Department of Conservation. The 142-page book is a result of a 1964-65 study of aquatic plants, during which 1188 collections were made. It updates the previously released "Submerged and Floating Aquatic Plants of Illinois, a Preliminary Illustrated Manual."

With semidiagrammatic drawings keyed for plant identification, the following categories of aquatic plants are included: submersed (growing under water); floating; plants with both submersed and floating leaves or parts; and emersed marsh and marginal plants (standing in water or having some plant parts above water level).

Biggest criteria for inclusion of plants in the booklet was the frequency of occurrence, though some plants infrequently collected are included for information purposes. Indexed by common and scientific names, the booklet is available for \$1.25 from the Illinois State Museum, Springfield, Illinois 62706. Quantities of 10 or more may be ordered for 75¢ each.

Weed Killers for Tree Nurseries Affect Soil

Some chemical weed killers can create an imbalance of soil conditions by killing various bacteria, fungi, and nematodes, which influence chemical properties of soils, availability of nutrients, and breakdown of applied pesticides.

Soil productivity can be affected as a result, University of Wisconsin scientists say. They are currently studying the effect of Dacthal on beneficial organisms, such as mycorrhizal fungi, and harmful ones, such as damping-off fungi and nematodes.

Dacthal, applied at the low rate of 4 lbs. per acre, killed common weeds in red pine, jack pine, and white spruce nurseries without damage to seedlings or soil fungi. Dacthal at 12 lbs. per

acre killed some bacteria and fungi, though fungi later recovered in the Wisconsin U. experiments.

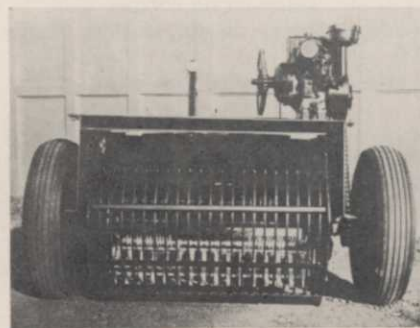
Pixtone Is Self-Contained

A machine that gathers rocks and debris from fields without using power from the pulling rig has been introduced by Bridgeport Implement Works, Inc.

Named the Pixtone, the machine's own engine powers the stone-picking mechanism. Four- to eight-hp. engines are available to meet specific work loads. The unit is equipped with pneumatic tires and has a trailer de-



Rock capacity of up to 2,500 lbs. per load is a feature of the Pixtone picker.



Rake teeth of Pixtone stone picker can be changed to accommodate various rock sizes.

sign suitable for highway travel. The company also states that Pixtone can carry up to 2,500 lbs. per load, and features interchangeable raking units to handle stones from 3/8" to 9" in diameter.

The self-powered device has proved adaptable for stone picking on sod farms, highway medians and roadsides, and in various grass areas, the manufacturer claims.

Write Bridgeport Implement Works, Inc., Box 286, Stratford, Conn., for complete description and performance data on the Pixtone.

Meeting Dates



Florida Nurserymen and Growers Assn. Trade Meet and Short Course, George Washington Hotel, Jacksonville, Oct. 14-16.

National Conference on State Parks, 46th Annual Meeting, Kentucky Dam Village State Park, Ky., Oct. 16-21.

Southern California Landscape Equipment and Materials Exposition, Fanny Morrison Horticultural Center, Pasadena, Oct. 18-19.

Central Plains Turfgrass Conference, Kansas State University, Manhattan, Oct. 19-21.

Southern California Turf Conference, Huntington-Sheraton Hotel, Pasadena, Oct. 20.

Tennessee Turfgrass Assn., Meeting and Turf Clinic, Nashville, Oct. 24.

New England Agricultural Chemicals Conference, Concord, N.H., Oct. 25-26.

Northwest Turfgrass Assn., 20th Annual Conference, Salishan Lodge, Gleneden Beach, Ore., Oct. 26-28.

National Weed Committee of Canada, Eastern Section, Research Station, Canada Agriculture, Kentville, Nova Scotia, Nov. 1-3.

Horticultural Spraymen's Assn. of Florida, Annual Convention, Pier 66 Hotel, Fort Lauderdale, Nov. 3-5.

New Jersey Federation of Shade Tree Commissions, Annual Meeting, Haddon Hall Hotel, Atlantic City, Nov. 13-15.

Nebraska Association of Nurserymen, Annual Convention, Cornhusker Hotel, Lincoln, Nov. 14-15.

National Weed Committee of Canada, Western Section, Research Station, Canada Agriculture, Brandon, Manitoba, Nov. 29-Dec. 1.

Illinois Turfgrass Conference, University of Illinois, Urbana, Dec. 1-2.

Minnesota Nurserymen's Assn., 40th Annual Convention, Curtis Hotel, Minneapolis, Dec. 5-6.

North Central Weed Control Conference, Broadview Hotel, Wichita, Kans., Dec. 5-7.

Connecticut Nurserymen's Assn., Annual Meeting, Hotel Park-Plaza, New Haven, Dec. 28.