

Set Hyacinth Control Meet For June 28 in Tallahassee

Weed controllers dedicated to the destruction of the waterhyacinth and other weeds which choke southern waters will converge on the Holiday Inn at Tallahassee, Fla., June 28-30, 1964, for the fourth annual meeting of the Hyacinth Control Society.

Herbert J. Friedman, president of Southern Mill Creek Products, and secretary-treasurer for the group, told *Weeds and Turf* recently that experts from Louisiana to the Carolinas will participate in the annual program.

New developments from research will be presented. Successes in controls this past year will be discussed along with the problems which cropped up along with the successes.

Those who wish to know more about the upcoming conference can get more information by writing to the local chairman, John W. Wood, Hyacinth Division, Florida Fish and Game Commission, Tallahassee, Fla.

Water-Soluble Hyvar Developed

A new soil sterilant herbicide that is water soluble for easy application, said to provide long-term weed control, has been developed by E. I. duPont de Nemours & Co.

Called "Hyvar" X-WS bromacil weedkiller, the new water-soluble powder is the second formulation of bromacil now being marketed by duPont for industrial weed control.

Since it is water soluble, duPont says, Hyvar X-WS offers several application advantages. A pound of product can be dissolved in a gallon of water through mechanical or hydraulic agitation. Once dissolved, no further agitation of the spray is needed. Solutions of the new water-soluble herbicide also have wide compatibility with other herbicides for combination treatments, duPont maintains.

For control of annual weeds and grasses, 5 to 10 lbs. of the product per acre is recommended. Many perennial species are controlled by 10 to 20 lbs.,



Low center of gravity and three agitators are features of the new Imperial Model Bowie Hydro-Mulcher.

Bowie's New Hydro-Mulcher Called Aid to Better Turf

One-step "hydro-mulching" made possible by the new Imperial Model of the Bowie Hydro-Mulcher provides turf managers with faster, better turf, according to spokesmen of the Bowie Machine Works, manufacturers of the machine.

The new unit carries 1500 gallons and incorporates extra mixing power (3 agitators are supplied) as well as lower center of gravity for the load, the company reports. The machine can spray, in one operation: (1) fertilizer; (2) seed or sprigs; (3)

mulching material such as all brands of paper fiber; and (4) moisture for carrying the mulch and for helping germination.

Each unit is supplied with a large complement of fire-type nozzles which permit long throws as well as closeup sprays, Bowie says. The new machine enables operators to plant large quantities of mixed slurries at a rate of one-half acre every 8 minutes, with sprays up to 200 feet.

More information will be sent to turfgrass management personnel who write the company at the Bowie, Texas address.

while hard-to-control species such as Johnsongrass, Bermuda-grass, etc., require from 24 to 48 lbs. per acre.

DuPont says the new weedkiller is most effective when applied during or shortly before the period of most active growth. More details are available from the I & B Department, E. I. duPont de Nemours & Co., Wilmington 98, Del.

Herbicides Stay, Study Shows

Researchers at North Carolina State College, Raleigh, indicate that soil treated with certain preemergence herbicides may be mechanically cultivated without the once-feared loss of effectiveness of the chemical.

In fact, scientists believe that final analysis will show that stirring treated soil actually increases the effectiveness of some

herbicides. "This discovery represents a major advance in the technology of using herbicides," Dr. R. P. Upchurch, associate professor of crop science, says. "Much research is now under way to explore its ultimate meaning."

Has pH Preference List for Turf

A list showing the pH preference of 19 popular lawn grasses is now available free of charge to turfgrass managers.

Sudbury Laboratory, producers of soil test kits, says the list is useful because some soils are acid, some alkaline, and it is necessary to know the pH range in order to plant, fertilize, and cultivate lawn grasses properly.

For a free list, write Sudbury Laboratory, Lab D, Sudbury, Mass.