

in the event it is grounded in shallows or shoreline areas.

The mounting is designed to place the hopper directly in the agitation created by the boat propeller to provide rapid dissolving of the algicide. Special chutes have been installed to facilitate filling the hopper from 100-pound sacks stored aboard the boat.

The hopper was constructed in the Water Department shop and required approximately 48 man-hours. Total cost was approximately \$325.00.

Two men are required to operate the boat and fill the hopper. A set of material-handling conveyor tracks are used for unloading the truck. The cost of the conveyor tracks was approximately \$100.00.

Another piece of special equipment devised by Water Department personnel is a steel hopper and blower for application of small crystal copper sulfate. This hopper was also built in the Water Department shop at a total cost of \$200.00 and required two days to fabricate. This hopper is temporarily suspended from the bed of a truck carrying a skid-mounted compressor.

This device is used to apply chemicals to the 7-mile shoreline of the primary storage reservoir at Lake Youngs and the 1-mile shoreline of the Tolt Regulating Reservoir.

Two men can operate the equipment with one man driving the truck and one man attending the feeding of copper sulfate into the hopper. The coverage is very uniform and is rapidly applied. The speed of travel of the truck is the gauge used in determining the dosage applied.

*This is the first of two articles on equipment available to contract applicators and others for application of chemicals to aquatic areas. Part II will appear in the April issue.*  
—Ed.

## Bo-Rid Soil Sterilant in New Dry Form, Says Bogle

Bo-Rid soil sterilant weed and grass killer formulations are now appearing in a new, dry-pellet form, reports the R. H. Bogle Co., Alexandria, Va.

In its new form the layered configuration flows out as a white granular grit, easy to see and handle, the company says. The pellets hug the ground. Ground moisture works slowly to dissolve the pellet layer upon

layer, providing a long-lasting action for increased effectiveness.

Specifications describe the three main formulations: Bo-Rid 20H for initial kill of heavy problem vegetation; 20K for follow-up of pretreated areas or medium vegetation control; and 10H-15K for general weed and grass control in southern areas.

Data sheets covering these three formulations are available to interested readers who write to R. H. Bogle Co., Alexandria, Va.

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