

Scientists Honored By Northeast Weed Society

Awards were presented for two outstanding papers at the 26th annual Northeast Weed Science Society. Honored were Madelene E. Pierce, Denise Alessandrello, A. R. Templeton and W. Hurtt.

In "A Study of Organisms Living in the Heated Effluent of a Power Plant," Madelene Pierce and Denise Alessandrello compared the flora and fauna in the heated effluent of a power plant with that of two adjacent control areas on the Hudson River. They found that due to rapid cooling of the heated effluent entering the river, little adverse effect on the river as a whole occurred. In the area nearest the outlet of heated effluent, however, only two species of aquatic weeds were found and their distribution was limited as compared with the control areas.

Although differences in flora and fauna between the areas tested were minimal the authors warned that if the heat plumes of several closely spaced power plants were to merge, significant biological effects could occur.

A. R. Templeton and W. Hurtt reported on "the Effect of Pre-treatment Environment on Herbicidal Response and Morphological variation of Three Species." They said that plant growth habit and herbicide response were affected in all species tested. They used growth chamber, greenhouses and field locations to provide three separate sets of environments. Light, temperature and humidity recordings were made and plant responses were noted in each environment.

Plants were then sprayed with sub-lethal doses of acetic acid at different stages of growth. The authors concluded that plant responses to herbicides growth under different environments can be affected greatly by the environment.

Jacobsen Publishes Service Manual For 2-Cycle Motors

The first easy-to-read service manual entirely devoted to the subject of 2-cycle engines has been published by the Product Training Center of the Jacobsen Manufacturing Company, Racine, Wisconsin.

The manual has been designed

for easy reading and quick reference for the classroom, the service shop, and the consumer.

Both vertical and horizontal 2-cycle engines are covered in the profusely illustrated 104-page book. Its subjects include: principles of operation; troubleshooting; service data; engine overhaul, and cleaning and storage. Special introductory chapters deal with horsepower, torque and speed.

According to Ronald J. Eckhardt, Supervisor of Product Training for Jacobsen, the program was developed with several groups in mind—industrial arts classes, service schools, dealer training and user orientation.

"In aiding the industrial arts instructor," says Eckhardt, "the manual would be the student's workbook."

Jacobsen expects that the 2-cycle instructional program also will be of significant help to the consumer and commercial distributor in training dealers and commercial users such as golf and parks department personnel in both operating and servicing of 2-cycle engines.

For more details about the manual, please circle (721) on the reader reply card.

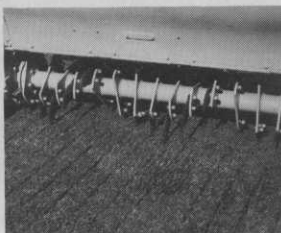
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