Updated Book Teaches Energy Conservation For Commercial Greenhouses

ITHACA, N.Y. — Profitability in greenhouse production can be improved by finding ways to conserve energy. Advanced greenhouse design principles, better glazings and insulating materials, energy blankets, improved heating and ventilating systems, and new management methods have made today's greenhouses much more energy efficient than those only a few years old.

"Energy Conservation For Commercial Greenhouses" (\$17) is a newly revised, highly practical book that reviews the merits and limitations of current energyconservation strategies for commercial greenhouses. Written by John W. Bartok Jr., an authority on greenhouses for more than 30 years, the 84-page book contains 10 chapters, 53 illustrations, 26 tables, and equations and calculation examples to help greenhouse operators find ways to conserve energy and thus save money. The book will be of interest to anyone who is constructing a new greenhouse, considering renovating an existing greenhouse, or simply

looking to increase energy conservation and efficiency in daily greenhouse opera-

Topics covered in the book include principles of heat loss, site selection and modification, construction materials, insulation, fuels and heating, ventilation and cooling, space utilization, utilities, strategies for reducing trucking costs, and managing for efficiency. Four appendixes complete the text: an energy conservation checklist, heat loss calculations, selected product manufacturers and distributors, and useful conversions.

This book is a revision of the 1989 version of "Energy Conservation For Commercial Greenhouses." Information has been updated to reflect current trends and technology, including hinged roofs, ebb-and-flood irrigation, boom watering, controllers, and computers. The three chapters on utilities, trucking costs, and management are new in this revision. New tables and illustrations have been added as well.

The 2001 revision of

"Energy Conservation For Commercial Greenhouses," NRAES-3, was published by NRAES, the Natural Resource, Agriculture, and Engineering Service. It was written by John W. Bartok Jr., an extension professor emeritus and agricultural engineer with the Natural Resources Management and Engineering Department at the University of Connecticut-Storrs.

The 2001 revision of "Energy Conservation For Commercial Greenhouses," NRAES-3, is available for

\$17 per copy, plus shipping and handling, from NRAES, Cooperative Extension, 152 Riley-Robb Hall, Ithaca, NY 14853-5701. Shipping and handling for one copy is \$3.75 within the continental U.S. New York residents, add eight percent sales tax (calculated on both the cost of the book and shipping and har.dling charges.) If ordering more than one copy or if ordering from outside the U.S., contact NRAES for shipping rates and possible quantity discounts.

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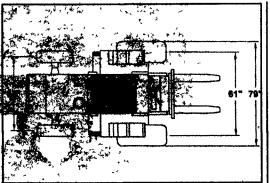
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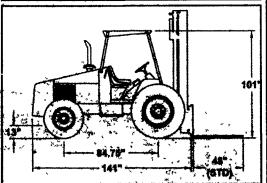
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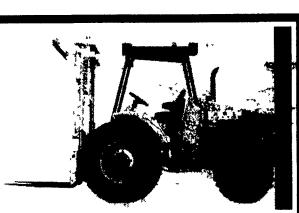
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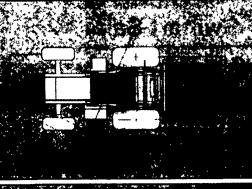


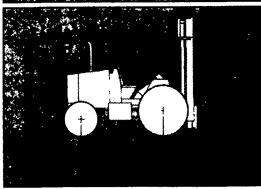


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