



## The Cover

Majestic elm featured this month is victim of Dutch elm disease, and is representative of the real tragedy which has ravaged this vintage type tree in America.

This particular elm had been saved by a yearly spray program until this past season when the homeowner decided to take the chance and failed to negotiate a new spray order with his tree care company. Result was loss of an asset, not only to his property but to the community, which is irreplaceable.

For this special shade tree issue, WTT has asked Dr. Richard Campana, past-president of the ISTC and a research pathologist at the University of Maine to present a round-up of research and current control efforts on Dutch elm disease in America. His article begins on page 6.

## Eliminate Guesswork in Chemical Spraying

Guesswork is foolish when applying chemical controls for weeds, insects or diseases, says Frank E. Boys, agricultural chemical specialist at the University of Delaware.

Less than the recommended herbicide rate can result in less than satisfactory weed control, he says. An overdose may kill or seriously injure an entire crop.

To eliminate the guesswork from your spray program, calibrate spray equipment before applying chemicals, Boys advises. Be sure to accurately measure the correct amount of pesticide and water before spraying.

Measure the size of the fields to be treated, as mere estimation of acreage increases chances of using improper spray rates.

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