Seek Replacements for Dying Markets, Treemen Urge
At 39th International Shade Tree Conference in Toronto

A refusal to mourn the death of old markets, and a concurrent jubilation at the birth-cry of new ones, characterize the business outlook of modern America's arborist industry.

In fact, a changing concept of sales and service is just one example of the courageous attitude of tree expert companies today. Industrymen at the 39th International Shade Tree Conference convention made it quite plain that the coming months will be marked by increased efforts of arborists everywhere to lay low some of the phantoms which now plague the industry.

Meeting at the Royal York Hotel in Toronto, Ontario, August 4-9, the 600-odd delegates swept through an educational program that was breathtaking in its scope. In a series of fast-paced addresses and panels the assembly:

1. Vowed to make new strides in the efforts to achieve a "professional" status and reputation;
2. Decided to cast no backward glances in marketing programs, and to try to replace the dying estate tree business with services more in line with present day residential patterns; and
3. Seriously considered the pesticide problem, promising to do everything possible to take the real truth about chemical pest control to the customer himself.

These ideas were part of the varied fabric of the 39th conference program, woven by a group of experts from every conceivable field of interest.

“Old-timers” vied with new blood in presenting the concept of the professional arborist; college-trained marketing authorities explained where arborists' new accounts will come from; crack scientists delivered the latest data from lab and test plot; and a world-renowned entomologist methodically and relentlessly dispelled any real fears over the proper use of chemical pesticides.

In face of this formidable series of lectures and talks, and in addition to committee meetings and business sessions, the jovial group still found time for an extensive social program that made the most of Toronto's cosmopolitan entertainment facilities.

Perhaps one of the most practical addresses was presented in the National Arborists Association section of the program, where Robert Felix of Harder Tree Service, Inc., Hempstead, Long Island, N.Y., outlined what he feels to be the challenging business opportunities for aggressive arborists.

Felix, a young man who has many years in the business, was well qualified to speak.

“There are three salient trends in today's arborist markets which must be considered,” Felix said. They are:

- tendency for industry to locate in suburbia;
- advent of the “estatelette,” a home with large grounds, though smaller than the estate of yesterday; and
- increase in number of “development” homes, residences in the $12,000-18,000 category.

Industry and institutions built in suburbia today are rather widely landscaped, Felix pointed out. These grounds must be cared for, but building maintenance personnel are unqualified to do the job.

It's obvious that every arborist should consider this a prime source of new business. Problem is to convince management of the need for professional, contract tree care around these buildings; it is necessary to sell actual management people because their building maintenance personnel will be unwilling to admit their inability to perform these outdoor tasks.

Felix said this kind of business (i.e., suburban industry and institutions) makes a hard nucleus on which to build, partly because they all pay their bills promptly.

Services offered to these installations should include spraying, feeding, and pruning, a broad scope program which rounds out vegetation management requirements for the suburban company and its grounds.

Estate of Yore Is Gone

Arborists have to admit, Felix said in introducing the second potential market, that the many-acred estate of yesteryear is gone with the touring car, gold battle, and low income tax.

Once the arborist's bread-and-
butter business, these estates are slowly but surely disappearing from the American scene.

But they're being replaced, Felix prompted, with the "estate-lette," a $50,000-range house which, while smaller than the estate of the past, has more grounds than the ordinary middle-class residence.

These affluent ex-urbans consider a tree service as one of a growing number of indispensable status symbols. Since landscaping is generally part and parcel of the property, opportunities for increased service and profits abound among these posh estatelettes throughout the land.

Unless these three markets, especially the last, are cultivated, Felix observed, there will be no market at all for private tree work in the future. But there is no doubt that these markets will be developed, and that these new concepts will spur commercial arboriculture to new heights of professional service and sound profits.

Felix's companion on the National Arborist Association program was Henry F. Davis III, president of Lowden Tree Specialists, Inc., of Needham, Mass.

Davis outlined the ramifications of shade tree spraying, especially campaigns to curb Dutch elm disease.

A deep sense of public responsibility has inspired Lowden personnel to keep close tabs on the nature of tree spraying and the public hazards which may be involved. The company has been spraying trees for control of insects and diseases since 1946, and a successful history has enabled the firm to offer guarantees which, if not unique in the industry, are certainly rare.

**Elm Guarantee Fourfold**

After a customer's elms have been treated by Lowden for 3 years, the firm guarantees to perform any work free of charge if Dutch elm disease strikes. Conditions for this guarantee are four-fold: (1) The customer must have had the regular recommended spraying program for 3 years; (2) the trees must be sprayed twice each year; (3) customers must not cancel a scheduled spraying, or permit any other firm to work on the trees under contract; and (4) there must be no diseased trees within 350 feet of the trees under contract.

Davis said this program has been highly successful, and has not only helped build the volume of elm spraying his firm performs, but has also helped in the realm of general public relations.

Throughout the program of the 39th convention of the International Shade Tree Conference, concern of delegates about the professional stature of arboriculture was evident. A resounding challenge to the membership at large was delivered by Dr. John A. Weidhass, whose talk on professionalism and ethics among tree companies struck a keynote of quality for the industry as a whole.

Dr. Weidhass, an entomologist, is associated with Cornell University in Ithaca, N.Y.

Has the image of the arborist kept pace with the changing times? The scientist prodded. Has the tree company mastered the concept of public relations, which in our day has itself reached the status of a science, with skilled practitioners who ply their trade expertly?

While strides have already been made, Weidhass is optimistic about the work which can yet be accomplished in conveying to the public, and to the arborist industry itself, the nature and value of America's tree expert companies.

How are these advances to be brought about? One way, the Cornell technician suggested, is through a strengthened National Arborists Association, with larger membership, increased staff, and broader scope of activities.

Weidhass had high praise for Dr. Paul Tilford and his NAA work, and dwelt on the possibility of using the association to make even greater gains for the industry. But arborists themselves must be willing to give generously of their time, funds, and energies if the association, is to move to new heights of service and accomplishments, the entomologist warned.

**NPCA Good Example to Follow**

Dr. Weidhass cited the National Pest Control Association as a good example of a well-supported industry organization which has made remarkable headway in establishing ethics, ability, and sound management.

Thunderous applause greeted Dr. Weidhass on the completion of his dedicated and inspired address. A panel of industry leaders then discussed the doctor's points as they actually apply to the past and present practice of arboriculture in the United States.

Consisting of W. E. Parker, Hackett C. Wilson, Frank Vaydik, and E. Earle Martin, introduced as a quartet of highly qualified tree men, the panel found immediate application for many of Dr. Weidhass's suggestions.

Wilson owns Wilson Tree Serv-
ice of Shelby, N.C., one of the largest arborist operations in the entire South. A past president of the International Shade Tree Conference, Wilson was eminently qualified to delineate his views for the attentive congregation.

Wilson agreed that the industry is moving forward in its efforts to achieve public acceptance. But he warned that irresponsible fiscal policies must be avoided, and that sound pricing and close attention to costs must always prevail.

The southerner deplored the financial carelessness which seems to characterize the policies of modern governments, and modern industries. "A day of reckoning for American business ethics is at hand," Wilson warned.

Arborist W. E. Parker of Moorestown, N.J., agreed with the general tone of the discussion, but reminded his audience that whether or not arboriculture is a "professional" activity depends largely on the individual.

No amount of education without experience, and no amount of experience without some education, can raise the tree company operator to the professional status which he seeks. And education, ambiguous and elusive, is obtained in many ways.

"Don't forget that the 'old-timers' in this business have gained a tremendous education," Parker asserted. "These men have their notebooks and their memories which augment the institutional training which is available."

Vaydik, who is superintendent of forestry and grounds maintenance for the city of Detroit, Mich., delivered the municipal arborists' point of view in the round-robin discussion of arboriculture today.

"In-service training is the most practical steppingstone to increased stature," Vaydik felt. The practice of training a very large staff has led the Detroiter to use the on-the-job technique. He is quite pleased with the results he has had.

"These brass-tacks educational efforts have helped raise the level of our service personnel," Vaydik said.

Dr. S. H. Davis, Jr., who was later elected '63-'64 president of the International Shade Tree Conference, moderated the panel and introduced principal speakers. Dr. Davis is from Rutgers University in New Brunswick, N.J.

Man and Insects Locked in Battle

"Throughout the ages of recorded time, man's every forward step has been challenged by those universally present competitors we know as insect pests," Dr. George C. Decker proclaimed in introducing his analysis of the real problem over the use of chemical pesticides.

A world-renowned entomologist, Dr. Decker is Principal Scientist and Head, Section of Economic Entomology, Illinois Natural History Survey, Urbana.

The Illinois authority's level-headed attack on the virulent and unscientific figures in the public press who have violated their journalistic and scientific responsibility was a welcome event for the members of the gathering, who have themselves been subjected to abuse over the use of spray chemicals to protect trees.

"Remember, for example, that 75% of all foodstuffs confiscated by the Food and Drug Administration is contaminated biologically, not chemically," Dr. Decker affirmed. This certainly points out that the pest problem in general is more acute than the general chemical problem, Rachel Carson notwithstanding.

And Dr. Decker begged his audience to remember too that the early American colony in Jamestown was once reduced to only six able-bodied men, when the rest of the pioneers were laid low by the ravages of malaria, carried of course by a mosquito.

"It has been appropriately said by Col. A.W.A. Brown of the University of Western Ontario that modern pesticides should be used as a stiletto and not as a scythe," the distinguished scientist summarized. "The same is true of criticism—we should pinpoint faults and errors and refrain from making sweeping indictments."

"Well-founded criticism, caution, and even a certain degree of skepticism are wholly justifiable and conducive to constant improvements, but the misrepresentation or exaggeration of facts and the utter disregard of truth in behalf of any cause is deplorable and morally wrong," Dr. Decker concluded.

"Nature has no sympathy for a tree that is badly injured.

This comment by C. L. Wachtel of Wachtel Tree Science and Service Co., Wauwatosa, Wis., was indicative of the need which gave...
rise to the arborist industry in the first place—tree surgery.

Wachtel, in his Monday afternoon address, pointed out that before any extensive tree surgery is performed, extensive diagnosis must be carried out.

He recommended that close attention be paid to drainage when a major filling is installed in a damaged tree.

**Examine 3 Tree Ills**

For this technical interlude, conference guides had assembled a trio of scientists whose valued insights and information were typical of the general high quality of the 39th International Shade Tree Conference convention.

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**Ash Dieback**

Leadoff man in the technical triumvirate was Dr. Robert N. Brandt, U.S. Forest Experiment Station, New Haven, Conn., whose subject, “Ash Dieback in the Northeast,” was of intense interest to the gathered arborists.

“As of this summer, ash dieback has been seen from Maine to Michigan and southward to Maryland and West Virginia,” Dr. Brandt commented in his introduction.

The disease attacks both white ash (*Fraxinus americana*) and green ash (*Fraxinus pennsylvania*) but most of the damage is done to white ash.

Over the past few years, no tree once diseased with ash dieback has been known to recover. Unfortunately the cause of this disease has not yet been discovered, although tree scientists from all over the world (including Russia) are working on the problem.

“There is evidence that some widespread effect, such as a prolonged moisture deficiency or some other major environmental change, has caused the losses in host vigor and such weakened trees are then susceptible to organisms of lesser importance,” Dr. Brandt revealed.

There is a lack of knowledge about the cure of the disease which is as obscure as the cause. But the Forest Service official did make some recommendations.

“For lawn and street trees I can only recommend that every effort be made to keep the trees healthy through use of a good fertilization and watering program. Pruning out the dead and dying branches cannot be relied upon to eliminate the dieback because it seems to occur only as a result of overall low tree vigor.”

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**Maple Decline**

Maple decline in the Northeast was another topic which gripped the arborists during the convention’s early days.

Dr. D. S. Welch, Department of Plant Pathology, Cornell University, Ithaca, N.Y., analyzed this current ailment which is growing in importance. “One is lead to suspect that more than one disease is at work in maple decline,” the Cornell authority said.

Among the symptoms of maple...
DANDELION
(Taraxacum officinale)

Dandelion is a perennial which reproduces both by seed and by sprouting at the roots. Next to crabgrass it is probably the most common weed around homes, but it is well adapted to meadows, roadsides, and waste places. Widespread throughout North America, it is easily recognized either by the bright yellow head of many tiny flowers in May and June, or by the cottony tuft or "blow-ball" which it forms when the seeds are ready for dispersal (1).

Upon sprouting the stem remains very short (flush with the ground), forming a rosette of toothed leaves. Leaves, 3 to 10 inches long, are covered with short hairs and have a milky juice. From this rosette grows a hollow shoot (scape) which will bear a single head made up of many tiny flowers. When each minute, single-petaled flower (2) has been pollinated, the green sepals close over the flower and appear as they did before it first blossomed. When they open again the feathery tufts, each bearing one seed, are ready to be shed on the wind. The seeds themselves are oblong, ½-inch long, longitudinally ribbed, and barbed at one end (3).

The root is a fleshy taproot (growing straight down, like a carrot) with branches which can form new plants.

Chemical control of dandelion is still dependent upon postemergent treatment. Dandelion is controlled by foliage sprays of the phenoxy compounds such as 2,4-D; 2,4,5-T; MCPA; and silvex.

Applied in the spring or fall, these chemicals will eliminate broad-leaved weeds. Treatment is recommended for fall; otherwise spaces are left when the dandelion dies. In the fall these spaces will readily be filled with desirable grass; in spring chances are that crabgrass or another weed will move into the vacant spaces.

Prepared in cooperation with Crops Research Division, Agricultural Research Service, United States Department of Agriculture, Beltsville, Maryland.

(DRAWINGS FROM NORTH CENTRAL REGIONAL PUBLICATION NO. 36, USDA EXTENSION SERVICE)
Midwest Turf Field Day, Purdue University, Lafayette, Ind., Sept. 26 (repeated Sept. 10).

Fall Field Day, The Pennsylvania State University, University Park, Sept. 11-12.


70th Annual Farm Equipment Institute Convention, Roosevelt Hotel, New Orleans, La., Sept. 29-Oct. 2.

22nd Annual Short Course on Roadside Development, Columbus, Ohio, Oct. 8-11.


Annual Washington State Weed Conference, Chinook Hotel, Yakima, Wash., Nov. 4-5.

Shade Tree Conference
(from page W-14)

control the disease. Nevertheless, we recommend that valued sweetgums on lawns or streets be given the best care, which should include watering during droughts, and fertilizing and pruning as needed.'

He also pointed out that some species, such as Christine Buisman and Bea Schwarz elms, are resistant to the disease.

Dr. Carter's remarks were followed by a panel discussion by Joseph A. Dietrich, Park Superintendent, Greenwich, Conn.; John C. Van Camp, Midwest Shade Tree Consultant, Rockford, Ill.; and George W. Dalby, Superintendent of Horticulture, Niagara Falls Commission, Niagara Falls, Ontario. Because of concurrent sessions, delegates had to decide whether to attend the Dutch elm disease talks or the National Arborists Association meeting which featured the Felix and Davis addresses.

Arborists & Shade Tree Assns.
Elect Officers For Coming Year

Both the National Arborists Association and the International Shade Tree Conference held business meetings and elected new slates of officers, during the Toronto convention.

Besides President Davis, new officers of the International Shade Tree Conference include vice president Joseph A. Dietrich, City Arborist and Park Superintendent from Greenwich, Connecticut. Dr. Davis will be in charge of next year's convention.

In National Arborists Association meetings, John Z. Duling, Duling Tree Expert Co., Muncie, Ind., was elected president for the coming year. He will be assisted by Winston Parker, Certified Tree Expert, Moorstown, N.J., who is new vice president.

Dr. Paul E. Tifftord retains his office as Executive Secretary.

In charge of the 39th convention was J. S. Kimmel, Toronto City Arborist, who was general chairman of the convention committee. President of the ITSC during the year of preparation was Maunsell Van Rensselaer of the Saratoga Horticultural Institute, Saratoga, Calif.

Houston, Texas, was selected for the 1964 meeting. Dates and hotel site will be announced later, Dr. Chadwick told Weeds and Turf.

Natural History Survey said that one of the most promising developments in current research on Dutch elm disease is the use of systemic chemicals which may someday give a control for the disease.

Weeds and Turf