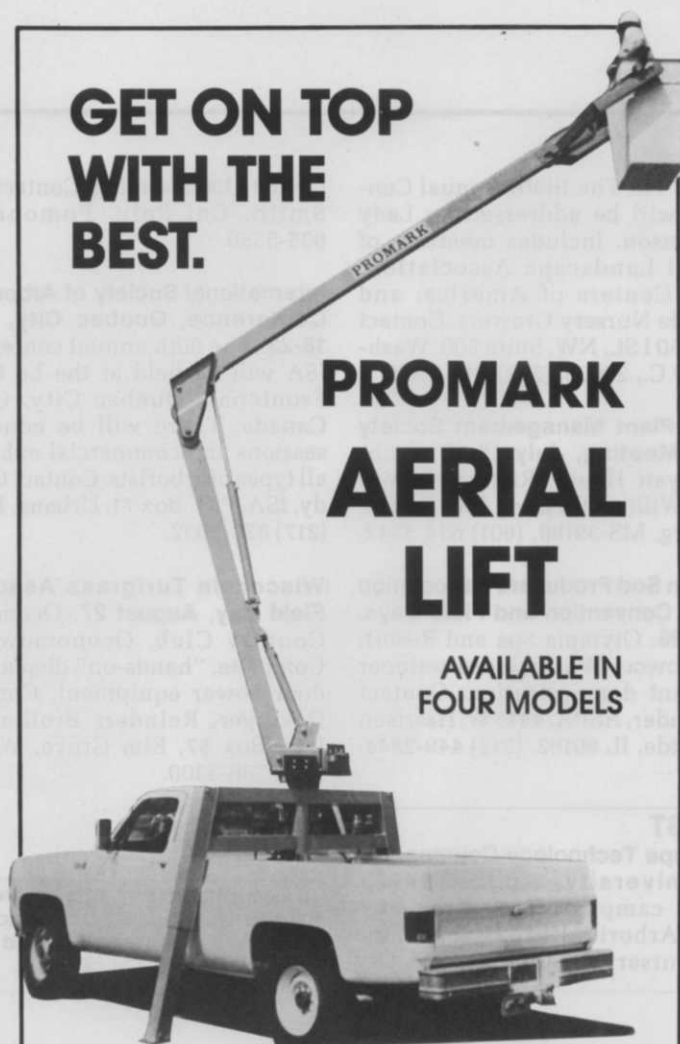


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LETTERS

Rose kills in Missouri

I was very interested in Michael Dirr's April article entitled Winter Damage.

In my area of southeast Missouri (zone 6) people are now observing widespread rose kills and plant damage. Although 1983 began as a wet spring, the rains stopped in May and did not resume until October. We apparently received adequate fall rains, but our roses did not face any cold weather until mid-December when temperatures dropped drastically to about -16° for a couple of weeks with wind chill factors of -60° occasionally.

I believe that my area of Missouri does not get cold enough in the fall to harden plants properly for the cold arctic blasts that come in December and January. However, since we get frequent fall and winter rains instead of snow, should roses be protected with heavy mulches of straw and sawdust which might be damaging by holding too much moisture? Would it be better to cut roses back about two-thirds and cover them when conditions moderate?

Also, I have observed several roses which are alive at the crown that were on their own roots. I am not sure if this means anything or not since I need more observations.

Larry Hanning

Area Entomologist
State of Missouri Agriculture
Department, RR1, Box 312,
Burfordville, MO 63739

Thank you for sharing your observations. We ask other readers to share their observations about winter kill as you have. Your letter is being forwarded to Michael Dirr for a reply.

Exotic or native, adaptable trees needed

Douglas Chapman's article on street trees in the April issue was informative, as always. I agree that an effort should be made to find adaptable species for urban growing conditions, but I think Chapman puts too much emphasis on the use of natives.

Many desirable native trees are unsuitable in street tree planting programs. In Missouri, natives accustomed to poor growing conditions such as post oak, hickories, sassafras and others are commercially available.

Almost half the trees mentioned in

Chapman's list of species for planting on adverse sites are imports. None of these should be rejected just because they are exotics. Using the criteria of native vs. non-native to select trees needlessly narrows the number of choices and restricts diversity.

What difference does it make if ninety percent of the trees in an urban area are exotic if they are the best trees available for the job?

Tim Frevert
Landscape architect
Missouri Department of

Conservation, P.O. Box 180, Jefferson City, MO 65102-0180

University of Georgia swims upstream

I agree with Dave Pinkus in general (Trends, April, Colleges Care More About Grants Than Students), but some of us are swimming upstream. I enclose our program for the Ornamental Horticulture program at the

University of Georgia, Athens. It has a good smattering of management and economics. If you know of some firms who want to hire interns or graduates of our program, please let me know.

Jake Tinga
Professor of Ornamental Horticulture
University of Georgia, College of Agriculture, Athens, GA 30602

Thanks for the memories

The Man of the Year trophy adorns my living room and is greatly admired. So far, we haven't filled it with suds or bubbly.

Thank you for giving me the exposure in select company—it was a thrill.

Fred V. Grau
President
The Musser International Turfgrass Foundation
College Park, MD

Fred V. Grau was presented the third annual Man of the Year trophy during a meeting of the Board of Directors of the Musser International Turfgrass Foundation at the GCSAA Show in Las Vegas. The Board consists of hand-picked contributors to the turf industry. Editor.

Forsythia poor indicator of crabgrass germ

I have just read Landscape Log in February *Weeds Trees & Turf*. A common mistake made and that has been circulated is the idea that crabgrass germinates around Forsythia bloom. I have been watching this occurrence for the last three years in the Salt Lake City area and have noticed that crabgrass typically is much later than Forsythia bloom.

Forsythia can bloom four to six weeks before crabgrass germination. Crabgrass germination has been so regular in our area that it seems like it is tied into photoperiodic response in some way. Germination in our area has been around May 23 each year for the last three years in heavy as well as light soils!

If I were to tie it into some sort of landscape phenology, I would probably use Radiant crabapple bloom, apple or pear bloom.

In our area, I've suggested that pre-emergents should be applied no later than the first week of May.

Robert L. Morris
Ornamental Horticulture Specialist
Utah State University
Salt Lake City, UT



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landscape professionals who make our industry hum. Then, they use their years of experience to pull it all together, analyze it and present it to you in a crisp, easy-to-read and easy-to-use style. That way, you have the information you need to do your job better, faster and more effectively.

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SURVEY from page 16

in Ontario, has generated some of the first data on turf expenditures in the Province. The data show the value of producing and maintaining turfgrass in Ontario ranks third considering all agricultural products, after corn and tobacco.

The value of expenditures on turfgrass maintenance by all user groups was conservatively estimated at \$275 million, with \$75 million spent on turf equipment and \$26 million on pesticides, sod, and seed. Commercial lawn service sales were pegged at \$45 million, although a few lawn care operators told *Weeds Trees and Turf* this figure is low.

Golf courses spend more on maintaining turf than any other user group, followed by residential lawn care and sod farms.

Government turf managers surveyed indicated extension specialists could not help them with their most serious problems of labor and equipment shortages. Private turf managers were more supportive of extension services in problem solving.

Copies of the survey results are available from the Ontario Turfgrass Research Foundation, 54 Hershaw Crescent, Etobicoke, Ontario, Canada, M9C 3M4.

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GOLF

China plans prime golf resort complex

Construction is expected to begin by the end of 1984 on a major golf resort complex in the city of Guilin, People's Republic of China.

The Ronald Fream Design Group, golf course architects in Santa Rosa, CA, has been commissioned to prepare the master plan. The Fream Group, along with Hong Kong-based architects and engineers, will prepare the plans for three eventual sites in the scenic area.

The Beijing Government intends to develop the Guilin region with international standard tourists facilities, of which the golf resorts will be a part.

The initial site will include 18 holes of championship calibre golf, golf school practice area, and clubhouse. A 60-room luxury lodge and an additional 18 holes are planned for the site, which has exotic limestone pinnacles, rolling land, and pine trees. A second site near the Lijiang River gorge will have 36 holes of international standard competition golf, a teaching and practice school, and several other recreational facilities.