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"I have only eighteen concerns when selecting my greensmowers."

Peter Smith, Superintendent
Shinnecock Hills Golf Club

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"For three years before the 1986 Open I mowed my greens at 5/32" with 22" Bunton walk-behinds. For the tournament I mowed at 1/8". The Bunton doesn't have a floating head so I get a true 1/8" cut once I set and lock in the height. With the new Bunton tournament knife I can easily get down to 7/64" without digging into the green."

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TURF CALENDAR

FEBRUARY
1 (other dates as well)—Tree Care/Landscape Training. Northwood Resource Systems, Inc., Tiffin, OH. Contact: Richard V. Jones, Suite 100, 277-283 Martinell Dr., Kent, OH 44240; (216) 675-1912 or (800) 637-4473.

1-3—Colorado Nurserymen’s Trade Show & Conference. Denver Merchandise Mart, Expo Hall, Denver, CO. Contact: Cary or Judith Hall, 746 Riverside Dr., Box 2676, Lyons, CO 80540; (303) 747-2662.

1-3—Florida International Golf Course Conference & Show. Golf Course Superintendents Association of America. George R. Brown Convention Center, Houston, TX. Contact: GCSAA, 1617 St. Andrews Dr., Lawrenceville, KS 66046; (800) 472-7758.

1-3—New England Nurserymen’s Association Convention and Trade Show. Copley Plaza, Boston, MA. Contact: Larry Carville, 24 West Rd., Suite 53, Vernon, CT 06066; (213) 872-2095.

1-3 (also 4 and 16)—California Pest Control Advisers Seminar. Butte Fairgrounds, Tulelake; Barbara Worth Country Club; Riverside, CA. Contact: Virginia Wood, 1357 Washington St. W, Newton, MA 02165; (617) 964-0452.

2-3—Northern California Professional Turf & Landscape Exposition. San Clara Convention Center, Santa Clara, CA. Contact: Wanda Sarsfield, P.O. Box 268, Lafayette, CA 94549; (415) 283-6162.


7-11—Long Island Tree Conference. Farmingdale, NY. Contact: Long Island Arboriculture Association, P.O. Box AF, Holtsville, NY 11742.

9-11—Michigan Recreation & Park Association’s Conference & Trade Show. Detroit Westin Hotel, Detroit, MI. Contact: John F. Greenslit, 2724 E. Michigan, Suite 201, Lansing, MI 48812; (517) 485-9886.

7-13—Fertilizer Congress. Neenah, WI. Contact: The Fertilizer Institute, 1015 Eighteenth St. N.W., Washington, D.C. 20036.


8-9—Nightscaping Seminar. Newbury, OH. Contact: Rick Tomko, Site Illuminations, 11008 Kinsman Rd., Newbury, OH 44065; (216) 564-0223 or (216) 338-1408.

8-12—Turfgrass Ecology & Management Conference. Virginia Tech University, Blacksburg, VA. Contact: Dave Chalmers, Virginia Tech University, Blacksburg, VA 24061; (703) 961-5797.


9-10—Southern Grounds & Turf Management Exposition. Myrtle Beach Convention Center, Myrtle Beach, SC. Contact: Scott Regan, 111 Executive Center Dr., Columbia, SC 29210; (803) 737-9348 or (803) 554-1182.

10—American Sod Producers Association Motivational Leadership Seminar. Sheraton, New Orleans, LA. Contact: ASPA, 1855-A Hicks Road, Rolling Meadows, IL 60008.

10 (also 11, 17, 18)—Nursery and Landscape Short Course. Palos Alto and Dublin, CA. Contact: Richard Molinar, Cooperative Extension in Alameda County, University of California, 224 West Winton Ave., Room 174, Hayward, CA 94544; (415) 670-3200.

10-11—Massachusetts Landscape Conference. Falmouth, MA. Contact: Virginia Wood, 1357 Washington St. W, Newton, MA 02165; (617) 964-0452.

10-11—Advanced Landscape seminar. Holiday Inn, Greenville, SC. Contact: Virginia Wood, 1357 Washington St. W, Newton, MA 02165; (617) 964-0452.

10-11—Mid-Florida Turfgrass Conference. University of Florida Cooperative Extension Service-Agricultural Auditorium, Sanford, FL. Contact: Uday Yadav, 250 W. County Home Rd., Sanford, FL 32773; (305) 323-2500 ext. 182.

11—Connecticut Turfgrass and Landscape Conference. Hartford Civic Center, Hartford, CT. Contact: Elizabeth Maisano, Connecticut Grounds Keepers Association, P.O. Box 876, Bethel, CT 06801; (203) 791-8615.

11—National Arborist Association Winter Educational Meeting. Sutton Lanes Motel, Sutton, WV. Contact: Vivian Hall, 946 South Halley, Clarksburg, WV 26301; (304) 725-8757.

14-18—National Arborist Association Winter Educational Meeting. Marriott, Maui, HI. Contact: Ted Merck, 97-140 Pacific Circle, Aiea, HI 96701; (808) 484-6911.

14-18—ISPO-Spring. Munich Trade Fair, Munich, West Germany. Contact: Sieglinde Ullrich, ISPO, Amsterdamer Str. 13, 8000 Munich 11, West Germany; (089) 239-155.


14-18—ISPO-Spring. Munich Trade Fair Centre, Munich, West Germany. Contact: Gerald G. Kallman, Kallman Associates, Five Maple Court, Ridgewood, NJ 07450-4431; (201) 552-7070.

14-18—Inland Ornamentals Seminar & Trade Show. Westin Hotel, Detroit, MI. Contact: John F. Greenslit, 2724 E. Michigan, Suite 201, Lansing, MI 48812; (517) 485-9886.
While your competitors are locking up their lawn equipment for the winter months, you can be producing income with yours. Use your equipment to apply Great Salt Lake Minerals & Chemicals deicing products, QWIKSALT® + PCI® corrosion control polymer and FREEZGARD™ + PCI®, during the winter. These products are more effective and less corrosive than other deicing products. You can keep roads and parking lots clear of ice and snow, and put money in your pocket while your competition is hibernating. Interested? Simply call (801) 731-3100 for the facts.
**Grassy weeds in flower beds**

**Problem:** Can you recommend both pre- and post-emergence herbicides for controlling grassy weeds (chiefly crabgrass and foxtail, but some turfgrass invasion as well) which can safely be used in beds containing iris, hemerocallis, hosta and crocus? We are concerned that these ornamentals may be sensitive to Poast, Fusilade, etc. (Illinois)

**Solution:** Several pre-emergence herbicides can be used to manage crabgrass and foxtail. Some examples are Betasan (Lescosan), Dacthal, Enide, Eptam, Furlo, Chloro IPC, Goal + Surflan, Surflan or Treflan. These products are recommended to control weeds in annual and perennial flowers. Some of the products may be safe to use on certain flowers, while other products may not.

The manner in which these herbicides should be applied varies from product to product. Since you are dealing with several bulb crops, use of products like Betasan (Lescosan) with fairly broad crop tolerance, should provide satisfactory control of crabgrass and/or foxtail. Use the granular form and incorporate, and irrigate after application. This is most effective against annual grasses. Post-emergence herbicides are not generally recommended for use in annual and perennial flowers. Most post-emergence herbicides like Roundup, Amitrol, Dowpon and Poast are non-selective materials. Read and follow label specifications for best results.

**Telling a tree’s age**

**Problem:** Is there a quick method of determining the age of trees? We are dealing with a property consisting of a mixture of sugar maple, black cherry, elm, hickory, walnut, which are believed to be of historical value. (Michigan)

**Solution:** One method to determine a tree’s age is to take a core boring and count the annual rings. However, this method takes time and may be injurious to a tree. Reports from expert arborists have shown that there is a positive correlation between tree girth and tree age. Growth rate, however, varies from species to species. Tree health, soil, climatic and site conditions can have a significant effect on the rate of annual growth.

The tree’s age can be fairly estimated using a simple formula published by the International Society of Arboriculture. First, determine tree diameter in inches measured at 4½ feet above ground level. The diameter can be determined by dividing the circumference by 3.14. Refer to the following table to find different factors for various species. Multiply the diameter in inches by the designated factor to determine the estimated age of trees.

<table>
<thead>
<tr>
<th>Tree species, variety or cultivar</th>
<th>Factor</th>
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</thead>
<tbody>
<tr>
<td>Abies concolor-White fir</td>
<td>7½</td>
</tr>
<tr>
<td>Acer campestre-Hedge maple</td>
<td>4</td>
</tr>
<tr>
<td>Acer nigrum-Black maple</td>
<td>5</td>
</tr>
<tr>
<td>Acer platanoides-Norway maple</td>
<td>4½</td>
</tr>
<tr>
<td>Acer rubrum-Red maple</td>
<td>4½</td>
</tr>
<tr>
<td>Acer saccharinum-Silver maple</td>
<td>3</td>
</tr>
<tr>
<td>Acer saccharum-Sugar maple</td>
<td>5½</td>
</tr>
<tr>
<td>Aesculus hippocasturnum-Common horse chestnut</td>
<td>8</td>
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<tr>
<td>Aesculus octandra-Yellow buckeye</td>
<td>5</td>
</tr>
<tr>
<td>Betula nigra-River birch</td>
<td>3½</td>
</tr>
<tr>
<td>Betula pendula-White birch</td>
<td>5</td>
</tr>
<tr>
<td>Caryya ovato-Shagbark hickory</td>
<td>7½</td>
</tr>
<tr>
<td>Fagus grandolia-American beech</td>
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<tr>
<td>Fagus sylvatica-European beech</td>
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<td>Fraxinus americana-White ash</td>
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<tr>
<td>Fraxinus pennsylvania lanceolata-Green ash</td>
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<td>Gymnocladus dioicus-Kentucky coffee tree</td>
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<td>Juglans nigra-Eastern black walnut</td>
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<td>Liquidambar styraciflua-Sweetgum</td>
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<td>Liriodendron tulipfera-Tuliptree</td>
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<tr>
<td>Picea abies-Norway spruce</td>
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<td>Picea pungens “Glauc”-Blue Colorado spruce</td>
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<td>Pinus nigra-Austrian pine</td>
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<td>Pinus resinoso-Red pine</td>
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<td>Pinus strobus-White pine</td>
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<td>Pinus sylvestris-Scot pine</td>
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<td>Platanus occidentalis-American sycamore</td>
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<td>Prunus serotina-Black cherry</td>
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<td>Pseudotsuga menzies-Douglas fir</td>
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<tr>
<td>Pyrus calleryana “Bradford”-Bradford pear</td>
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<tr>
<td>Quercus alba-White oak</td>
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<tr>
<td>Quercus coccinea-Scarlet oak</td>
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<tr>
<td>Quercus imbricaria-Shingle oak</td>
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<td>Quercus palustris-Pin oak</td>
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<td>Quercus rubra-Northern red oak</td>
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<td>Quercus shumardii-Shumard oak</td>
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<tr>
<td>Tilia cordata-Little leaf European linden</td>
<td>3</td>
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<tr>
<td>Ulmus americana-American elm</td>
<td>4</td>
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</tbody>
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Balakrishna Rao is Director of Lawn Care Technical Resources for The Davey Tree Co., Kent, Ohio.

Questions should be mailed to Problem Management, Landscape Management, 7500 Old Oak Boulevard, Cleveland, OH 44130. Please allow 2-3 months for an answer to appear in the magazine.
For fastest response, use the peel-off label from the front cover.

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What is your title? (please specify)

I would like to receive (continue receiving) LANDSCAPE MANAGEMENT each month: YES ☐ NO ☐

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