4 new 18-hp diesel engine powers higher-capacity hydraulic pumps in the new 2653A to deliver 33 percent more torque to the reels.

ORGANOPHOSPHATE INSECTICIDE RECOVERED IN PERCOLATE WATER, EXPRESSED AS A PERCENT OF AMOUNT APPLIED

<table>
<thead>
<tr>
<th>Table</th>
<th>Common Name</th>
<th>Applied Dates</th>
<th>Total Recovery (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Fenamiphos</td>
<td>11/13/91, 1/27/92</td>
<td>0.06, 0.04</td>
</tr>
<tr>
<td>2</td>
<td>Metabolites of fenamiphos</td>
<td>11/13/91, 1/27/92</td>
<td>17.59, 1.10</td>
</tr>
<tr>
<td>3</td>
<td>Fonofos</td>
<td>11/13/91, 4/21/92</td>
<td>&lt;0.01, 0.02</td>
</tr>
<tr>
<td>4</td>
<td>Chlorpyrifos</td>
<td>1/27/92, 4/21/92</td>
<td>0.15, 0.08</td>
</tr>
<tr>
<td>5</td>
<td>Isazofos</td>
<td>1/27/92, 9/15/92</td>
<td>0.02, 0.01</td>
</tr>
<tr>
<td>6</td>
<td>Ethoprop</td>
<td>4/21/92, 9/15/92</td>
<td>0.02, 0.01</td>
</tr>
</tbody>
</table>

1 Metabolites expressed as a percent of the parent compound applied.


days, the selection process was pretty much limited to identifying a product that would control the pest. With a wider selection of products in the 1960s and '70s, the cost of the product, as well as its efficacy, were considered when developing pest management programs.

In the 1980s, 10 years after the enactment of the Clean Water Act and establishment of the U.S. Environmental Protection Agency, the selection process required environmental considerations. A thorough investigation of IPM principles associated with the pest problem is now needed.

A healthy plant produced through proper mowing, fertilization, irrigation, aeration, drainage, and enough sunlight...
WHERE THEY'RE GOING

GCSAA President Grigg leaves Naples National for Royal Poinciana

NAPLES, Fla. — Gary Grigg, newly elected president of the Golf Course Superintendents Association of America, has left Naples National Golf Club to take the head superintendents position at nearby Royal Poinciana Golf Club here.

VAIL, Colo. — Kevin Ross, a member of the Golf Course News Editorial Advisory Board, has left Falmouth (Maine) Country Club to accept the head superintendents position at the Nicklaus-designed Country Club of the Rockies here. Ross will be replaced by his longtime assistant at Falmouth, Scott Cybulski.

ORONO, Maine — Blayr Crowley is the new head superintendent at Penobscot Valley Country Club here. A 1994 graduate of the Turfgrass Management program at the University of Massachusetts, Crowley cut his teeth as an assistant to Pat Lewis at Portland (Me.) Country Club.

ORONO, Maine — Thom Charters has left Weston Golf & Country club to accept the head superintendent's job at Bayview Country Club here. "I'm looking forward to it," said Charters. "A new irrigation system is to be installed and we'll be building a new maintenance facility."

VIRGINIA BEACH, Va. — Thom Charters has left Weston Golf & Country Club to accept the head superintendent's job at Bayview Country Club here. "I'm looking forward to it," said Charters. "A new irrigation system is to be installed and we'll be building a new maintenance facility."

BAR HARBOR, Maine — Luke Gagne is the new superintendent at the historic Kebo Valley Golf Club, replacing 19-year veteran Fred McPheeters. Gagne comes to Kebo from Waterville (Me.) Country Club, where he served as Kyle Evans' assistant since 1989.

LIMESTONE, Maine — Craig Phair is the new superintendent at Inland Winds Golf Course, the track recently privatized here following the shutdown of Loring Air Force Base. Phair and pro Peter Weatherhead, both Limestone natives, are also managing the course after leasing it from the U.S. government.

USGA publishes research findings for the industry


A 20-page technical summary titled "Golf and The Environment" is aimed at an audience with some technical background, including architects, superintendents, environmental engineers and consultants, and regulatory agency scientists. It contains a list of references related to benefits of turfgrass. Cost is $2.

A four-page topical summary provides a non-technical overview, and will be useful in responding to inquiries from golfers, golf associations, allied associations, and media reporters. Cost is $1.

To order these summaries, contact: Dr. Kimberly Erusha, U.S. Golf Association, Golf House, P.O. Box 708, Far Hills, N.J. 07931-0708; or call 908-234-2300, ext. 5498.

Take note of pesticide tests

Continued from previous page

will go a long way to reduce pest problems. However, golf courses are under a great deal of stress from low mowing, heavy play, poor light and poor water quality.

We need pesticides to help produce quality playing surfaces. But they are a tool among many in our agronomic tool box. Pesticides should not be a crutch supporting poor agronomic conditions which will never produce healthy turf.

Superintendents need to continue to educate golfers on sound agronomic principles, and golfers need to listen and make long-term plans to improve the health of their courses.