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Improved Manhattan II perennial ryegrass has a built-in cushion developed through genetic improvement. The greater tiller density of Manhattan II takes the punishment athletes dish out, then springs back to retain its great-



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Cross-country specialist

The Jacobsen 5/7 Ram-Lift Ranger covers a lot of territory, with a superior cut from start to finish.

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Simply raise the gangs hydraulically to create a sleek, eight-foot transport width that handles narrow service roads and bridges with ease. High-flotation tires and heavy-duty frame give the Ranger true cross-country capability. Yet, the exclusive steady-hold mountings keep reels firmly in place during transport, to prevent damage caused by swinging reels.

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JANUARY 1987

MAIN EVENTS

14 PLANTATION GOLF COURSE BATTLES THE ELEMENTS

The Myrtle Beach area was experiencing a drought when construction began on Wachesaw Plantation Golf Course. Before the course was completed, the construction crews had to battle four hurricanes and another drought. The dramatic course, designed by architect Tom Fazio, was the first private equity golf club in the resort area known as the Grand Strand.

28 THE DAWN OF THE WATER MANAGER

Ken Christley discovered an entirely new occupation as sophisticated computers started taking over large irrigation systems. That is the job of making water managers out of irrigation specialists so large golf courses and parks can maximize the capabilities of the personal computer for irrigation. Christley says the water manager is the key person in future irrigation system management, especially in areas with severe water shortages.

38 COVERS BECOME MULTI-FACETED TOOL

A simple observation by a turf specialist in New Hampshire has grown into a very important contribution to the sports turf manager. By protecting turf with lightweight, translucent covers turf managers can reduce winter kill, get seed to germinate faster and help turf recover from sports damage more quickly.

43 GAINNEY RANCH GOLF COURSE: A DESERT SCULPTURE

A very detail-oriented developer in Scottsdale has transformed flat desert into a contoured, colorful golf course with three totally different nines. The Gainney Ranch is a paradise which does not draw a single drop of water from wells or rivers for irrigation purposes. This story takes a look at the team that built the course and maintains it today.

LINE-UP

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COVER: *Scenic mountain golf course.*

Photo courtesy of Toro Irrigation..

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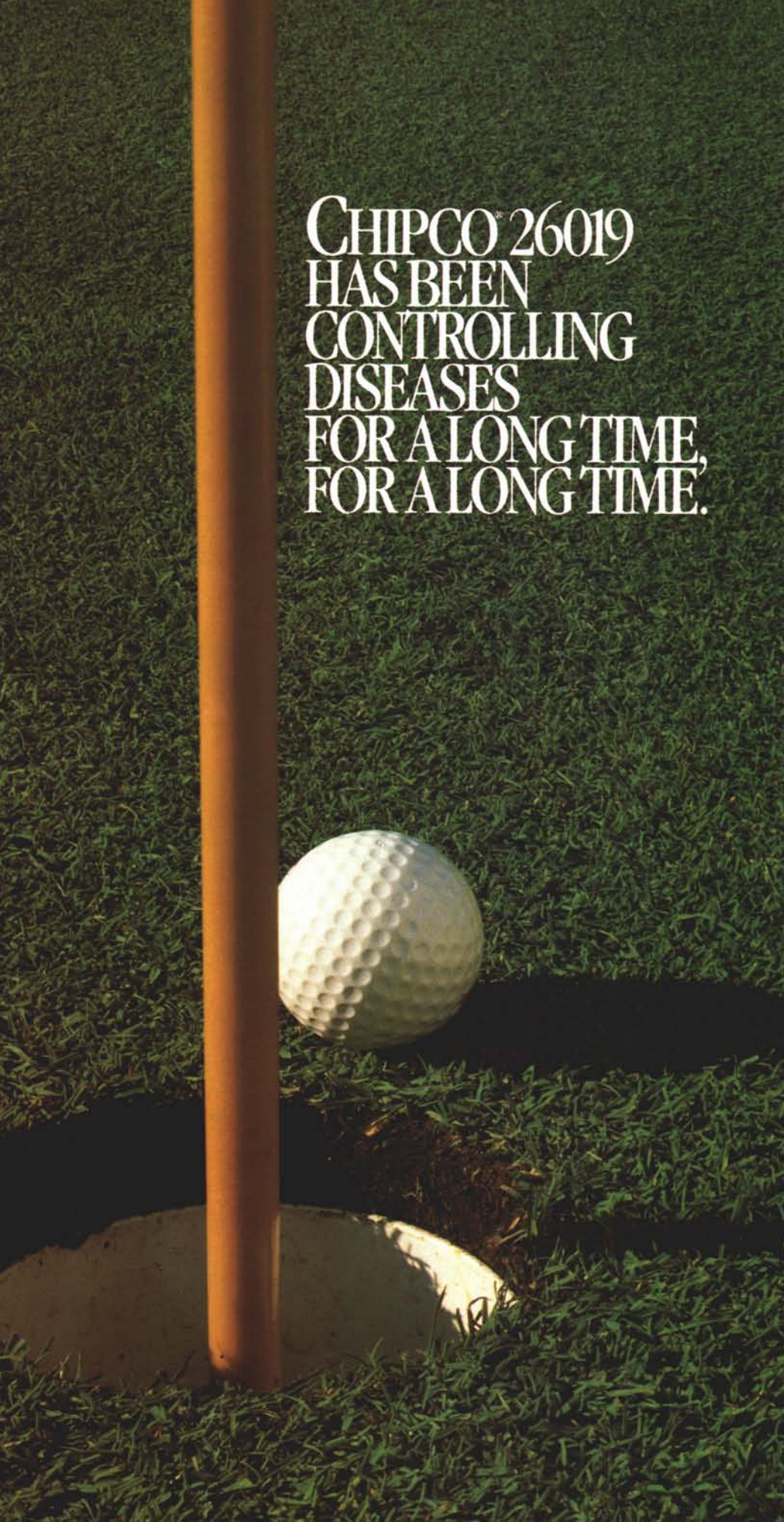
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