One bad bounce can change the course of the game.

No doubt about it, your work affects the game. So when productivity is compromised by equipment that can't stand up to dusty infields, it's never good. Toro designed the new Infield Pro® 5020 with that in mind. It's the only groomer with a completely sealed double-filtration system. The engine stays grime-free, so you can focus on the details of playability instead of breakdowns. See the new Infield Pro 5020 and other Infield Pro models, with their huge line of attachments, at www.toro.com/grounds/sports or contact your Toro Distributor at 1-800-803-8676.
We started using the ROOTS 1-2-3™ product over four years ago on our main football field, and now we use it on the practice fields as well. The football season starts August fifteenth and runs into November, plus four soccer games per week add stress to the fields. We apply six ounces per thousand of ROOTS 1-2-3™ every two weeks religiously, and that's all we use except a small amount of NPK fertilization, and aeration.

Terry Heim
Lakeville School District
Lakeville, Minnesota
**Cover Story**

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Colorado's La Junta facility brings home the prestigious Beam Clay Award for an outstanding team effort.

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**On the Cover:**

Groundskeeper Michael Romero prepares the award-winning Potter Park Field for an afternoon doubleheader. 

*Courtesy: City of La Junta*
The way we see it, being recognized as the best provider of turf maintenance equipment isn't quite good enough. After all, there are times when you have more to maintain than turf alone. That's why there's SandScorpion, the electric, gas and diesel bunker and infield rake that's more comfortable, more dependable — and one more reason you should look to Jacobsen for all your maintenance solutions. For the distributor near you, call 1-800-727-JAKE. For information on Jacobsen leasing and financing, call 1-800-722-TURF.

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Evapotranspiration (ET) is the combined water loss from a plant community as a result of evaporation from the soil and transpiration from plant surfaces. Its impact on the efficiency of water use can be moderated through diligent management practices.

The following lists some suggestions for water conservation in turf management:

1. Do not stimulate rapid shoot growth during periods of high water demand. This will accelerate ET and increase water use. Avoid nitrogen applications when dry, hot conditions are anticipated. It is better to concentrate nitrogen usage during the spring and fall.

2. Stimulate root growth. Increase mowing height, reduce nitrogen fertility, ensure good soil aeration, reduce thatch, and control root-feeding insects and root-infecting diseases. A strong, deep root system will maximize water availability, and will delay drought stress during dry periods.

3. Reduce root-inhibiting conditions in the soil profile. Promptly treat soil acidity, toxic ion concentrations, anaerobic layers, and excess compaction. Most such conditions are best corrected during installation, but they can also be addressed by deep coring, by adding soluble lime and nutrients, and by selecting acid-tolerant turf-grasses.

4. Develop irrigation practices based on the concept of deficit water management. By applying less water than would be lost through ET under well-watered conditions, turf can be maintained under managed drought stress. This stimulates deep rooting and conserves water.

This material was excerpted with permission from Iowa Sports Turf Managers Association Newsletter, April 1997. It originally appeared in TurfGrass TRENDS, October 1996.
The Concept Behind The John Deere GATOR Utility Vehicle Is Simple
It Works...

This 4x4 with optional heavy duty suspension takes the rock and roll out of rugged transport jobs.

Loading and unloading walk behind equipment is easy with this tailgate ramp attachment.

The LP Gas kit on the 4x2 helps take care of in plant maintenance.

Clean out dairy barns fast with a 72-inch blade equipped Gator.

Even the 10 hp 2-wheel drive Gator 4x2 has plenty of pulling power.

With a footprint of just 71 psi, the 18 hp 4x4 diesel goes just about anywhere.

Despite their high flotation characteristics, Gator vehicles can't quite walk on water.

Optional lift kit lets you raise or lower the bed easily with a dash mounted switch.

The Med-Id medical rescue unit turns your Gator UV into an indispensable means of transporting injured players.

and Works...

PIONEER FLYING SERVICE  J.L. VETTE JR. PROP

AIRPLANE RIDES  SALES  FUEL  REPAIRS

and Works

With a John Deere Gator Utility Vehicle, the play is not the thing. Gas or diesel, 2 or 4 wheel drive, the concept behind the Gator is simple — it works. And works. And works. Stable, surefooted and able to seat two-up comfortably, a Gator vehicle can toke up to 1,400 pounds* — turf, trail, or no trail at all.

These go anywhere haulers are the elite of the working class. The best fulltime, no-nonsense, all-wheels-on-the-ground, off-road pack animals you'll find. Get your hands on a Gator today.

*Total capacity for the 4x4 Diesel — includes 200 pound operator, 200 pound passenger and maximum box capacity.

Bedliner option helps protect the box from cargo damage.
And We’ve worked it Thousands of Hours to prove It

Premarket field testing can tell you a lot about the way your equipment will hold up in the real world. In testing conducted at our field sites in Arizona, representative models of the 4x2, 6x4, and 6x4 Diesel really showed their stuff — logging more than 27,000 total hours without a major equipment failure. Pretty impressive numbers to say the least. But the real test is the one you conduct yourself in your own applications. To line up your personal on-site test, contact your local John Deere dealer. For the one near you, call 1-800-537-8233. Or visit us online at http://www.deere.com

Gator Utility Vehicles — we don’t build them for the fun of it