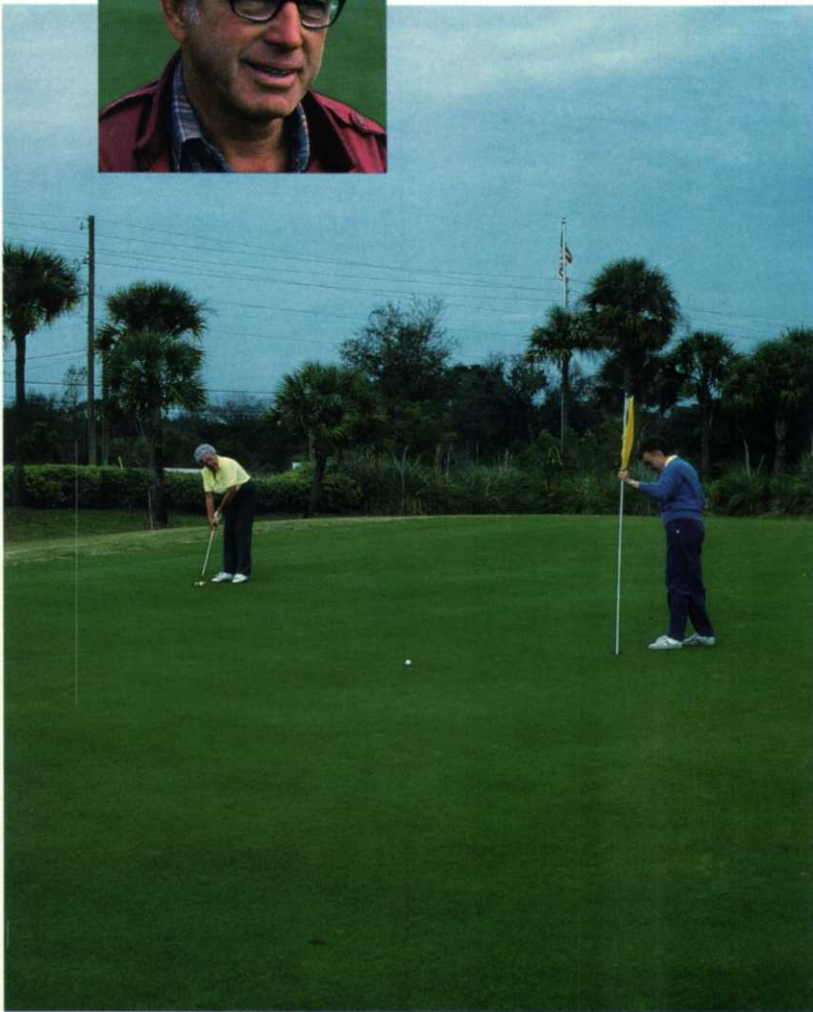


# Winter Frost?

Fear not...if you've sown  
Derby and Gator



Lee Todd, Superintendent  
Seven Springs Country Club  
Seven Springs, Florida



It may not happen often, but on occasion frost invades the sunny South.

When it does, Derby and Gator are the two turf-type perennial ryegrasses a Superintendent can count on, to not just survive, but to prosper.

Lee Todd, Superintendent at Seven Springs Country Club in Seven Springs, Florida, will testify to that fact.

In mid-winter, following a long, warm sunny spell, a sudden, severe frost hit the area, but Lee had nothing to fear.

Derby ryegrass (mowed at 1/4 inch) was on his tees and Gator ryegrass (mowed at 3/16ths inch) was on the greens and they were unfazed.

They held their deep green color and excellent quality and required no special attention despite a sudden weather change that could have given lesser grasses a bad time, indeed.



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Now you can deliver "greens-quality" aeration to your entire course with a single piece of equipment. Variable core spacing makes the GA 30™ aerator as good on fairways as it is on greens. Simply move the spacing adjustment control from 1"-5" or anywhere in between, lock it in place, and you're ready to go without leaving your seat.

Spacing 2.50 in. x ( ) in.	Production sq. ft. per hr.	Yield holes/sq. ft.
1.00	5,625	57.6
1.50	8,440	38.4
2.00	11,250	28.8
2.50	14,060	23.0
3.00	16,875	19.2
3.50	19,690	16.5
4.00	22,500	14.4
4.50	25,310	12.8
5.00	28,125	11.5

The GA 30 aerator also helps you get on and off the course more quickly. Its 18 hp engine with a six mph transport speed is two-three times faster than other aerators. So why waste time walking when you can ride to work?

Ryan's crank drive penetrates straight in at a depth of up to 3-3/4 inches. The tine-ram, ground-driven, reversing gear box pulls cores straight out to better protect your turf from damage—no matter what the spacing.

For a feel of the most cost-efficient aerator money can buy, contact the Ryan dealer nearest you for a free demonstration. Or call toll free: **1-800-228-4444**.

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*potassium nitrate KNO<sub>3</sub>*

*for the superintendent*



## SAFE-NO BURN. EASY TO APPLY: LIQUID OR DRY.

"We **fertilize with potassium nitrate** in liquid and dry blends **over the entire course** to feed our turf a **safe, chlorine-free** source of potassium and additional nitrogen. We spray it as part of our cooler season nutritional program on overseeded areas to supply developing plants a **readily available source of nutrients**. As temperatures heat up, the prilled form of potassium nitrate makes up the major portion of our dry blend fertility program."

*Chuck Rogers, Saddlebrook, Tampa, FL*



## GREENER GREENS, IMPROVED RESISTANCE, PRILLS NOT PICKED-UP BY MOWER.

"Potassium nitrate is a large part of our fertilizer program on bentgrass greens. Its high potassium to low nitrogen ratio lets us grow **healthier, greener greens** without excessive top growth. KNO<sub>3</sub> provides an excellent source of chlorine-free potassium that is essential to **grow strong hardy plants with increased resistance to stresses** like heat and drought. The prills are easy to apply and their high solubility and round shape allows them to **move to the soil surface** so mowers don't pick them up. Potassium nitrate **works fast** to give us the deepest, richest greens."

*David Lowe, The Plantation at Ponte Vedra, Jacksonville, FL*



## SAVES TIME & LABOR, DISSOLVES EASILY, GOOD BALL SPEED.

"Potassium nitrate plays an important role in our nutritional program on greens and tees. It **dissolves easily in water** and **mixes well with our regular** pesticide and micronutrient **sprays** so we can do several jobs at once, **saving application and labor costs**. Potassium nitrate has the ideal ratio of potassium to nitrogen for **good green color with no excessive growth** that might slow the ball."

*Steve Kuhn, Doral Country Club, Miami, FL*

Add K-POWER to your golf course fertilization program. Apply as a dry blend, straight or dissolve in water for spray application or fertigation. Specify K-POWER from your fertilizer supplier.

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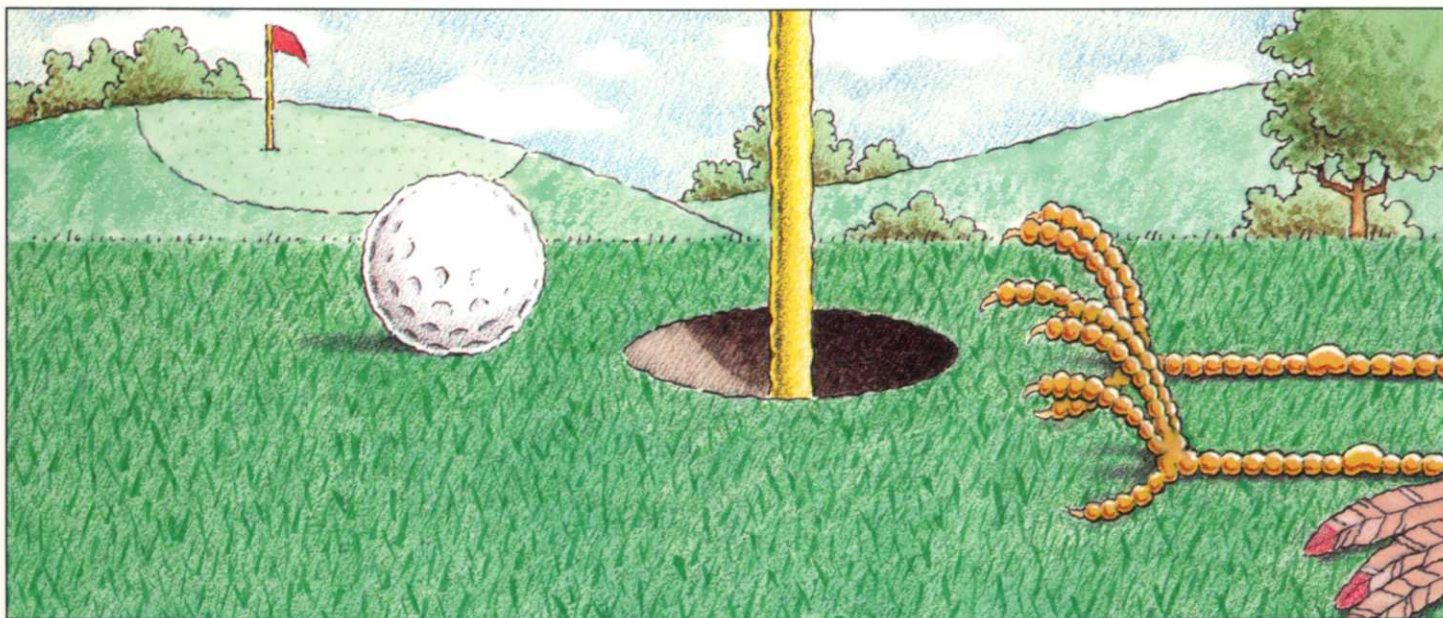
To get the big picture, see your Ransomes distributor. Or call Ransomes, Inc., One Bob Cat Lane, Johnson Creek, WI 53038 (414) 699-2000.

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# READ

...the fine print.

**Net Weight 61 7/8 lbs**

CAUTION: PLEASE KEEP OUT OF THE REACH OF CHILDREN. EYE CONTACT WITH CONTENTS MAY CAUSE IRRITATION. FLUSH EYES WITH WATER AS SOON AS POSSIBLE.

ProTurf Fairway Fertilizer 32-3-10 643-8408

Guaranteed Analysis	
Total nitrogen (N)	32%
0.8% ammoniacal nitrogen	
24.5% urea, methylene urea nitrogen	
6.7% water insoluble nitrogen	
Available phosphoric acid (P <sub>2</sub> O <sub>5</sub> )	8%

Scott's ProTurf

GUARANTEED ANALYSIS	
Total Nitrogen (N)	15%
5.5% Water Insoluble Nitrogen	
9% Ammoniacal Nitrogen	
3.5% Urea Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	5%
Soluble Potash (K <sub>2</sub> O)	9%
Magnesium (Mg)	10%
Sulfur (S)	8.0%
Iron (Fe)	10%
Manganese (Mn)	0.8%
Nutrient Sources: Urea, Methylene Ureas, Ammonium Phosphate, Ammonium Sulfate, Ammoniated Superphosphate, Sulfate of Potash, Oxides, Ferrous Sulfate, Sulfates.	
Potential Acidity Equivalent 1300 lbs. Calcium Carbonate per Ton.	

Lebanon Country Club

GUARANTEED ANALYSIS	
TOTAL NITROGEN (N)	24.0%
1.6% Ammoniacal Nitrogen	
11.6% Urea Nitrogen	
10.8% Water Insoluble Nitrogen	
AVAILABLE PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	4.0%
SOLUBLE POTASH (K <sub>2</sub> O)	12.0%
Magnesium (Mg)	0.7%
Sulfur (S)	5.0%
Iron (Fe)	0.4%
Derived from ammonium phosphate, isobutylidene diurea, urea, sulfate of potash, sulfate of potash-magnesia and iron sulfate. Potential Acidity 1000 lbs. Calcium Carbonate Equivalent per ton.	
Manufactured by Vigoro Industries, Inc. Fairview Heights, Illinois 62208.	

Par Ex

Down in the analysis area on every fertilizer bag, you'll find the "fine print" that tells you what the big print doesn't. Read all of it. Carefully. But most importantly, look at the percentage of Water Insoluble Nitrogen.

## Water Insoluble Nitrogen (WIN)... the key to superior turf.

The higher the WIN percentage, the longer your turf will remain green. And the less often you will have to fertilize. That's because WIN is the percentage of total Nitrogen that is truly slow release. Freeing small amounts of Nitrogen each time it's touched by water (Par Ex® with IBDU®) or activated by temperature or bacterial action (competitive products).

## No competitor can deliver as much usable WIN as Par Ex.

Only Par Ex contains IBDU—a unique Water Insoluble Nitrogen source that is 100% available to your turf in a single growing season. Consider that urea formaldehyde products (bacteria and temperature released) contain about one third of their WIN in the form of plastic polymers. Its long-term Nitrogen

release is so slow, it's almost useless, and will most likely occur during the hottest periods, just when you don't want it.

For Sulfur Coated Urea (SCU), research has shown that by the time it is spread, about 50% is immediately soluble, effectively doubling your cost of controlled-release Nitrogen and cutting the benefit in half!

## Be sure to read your bag.

If the percentage of Water Insoluble Nitrogen isn't listed, there isn't any slow-release Nitrogen. If it is listed, chances are it won't be as high as the WIN percentage in Par Ex. Even if it is, we guarantee you that 100% of what we list as WIN is available to your turf every growing season. That means for every six months of growing, you'll receive an additional 46-53% more usable WIN than our competitors can deliver.

So start building your WIN percentage today. Talk to your local Par Ex Representative or call 813/294-2567. And get all the WIN you've been reading about.



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