



# Increased Vitality Now Means Less Stress Later

- **Help turf establish or withstand environmental stresses**
- **Develop a more fibrous, extensive root system**
- **Enhance early plant growth and vigor**
- **Build greater shoot mass**
- **Increase uptake of soil nutrients and moisture**
- **Increase photosynthetic activity**

*Signature® Brand fertilizer — Prospect Plus® is impregnated with a proprietary nutrient solution that has shown a remarkable ability to improve vigor, quality and stress tolerance in turf, trees and ornamentals. The patented additive in Prospect Plus has been tested extensively on many crops, including turf and in laboratory, greenhouse and field studies in the U.S. and several other countries.*

*Studies consistently show a positive effect on early plant growth and development and on mature plants under stress. Sod farms results demonstrate that turf can be harvested earlier due to increased root mass and quicker establishment from seed or spigs. Mature turf has greater root mass with a noted "tighter" visual appearance and less susceptibility to stress.*

*The same benefits can be found in Prospect; a liquid micronutrient for foliar application or for use in fertigation systems.*

### Effect of Fertilizer with Prospect Plus on Creeping Bentgrass Density Ohio Turfgrass Foundation Research and Educational Center - 2000

Treatment	Rate	% Turf Density
Check		60.00
Fertilizer (46-0-0)	0.014 lb. N/1000 sq. ft.	72.00
Fertilizer (46-0-0) + Prospect Plus	0.014 lb. N/1000 sq. ft. + 48 oz./A	77.00

Seeded on August 4, 2000 with G-2 creeping bentgrass at a rate of 2 lbs. per 1000 sq. ft.  
Density measurements were based on % cover taken visually on 10/4/(8 weeks after treatment)

**Study Results:** "... a significant increase in creeping bentgrass establishment two months after seeding with the application of fertilizer and Prospect Plus compared to the untreated control." **A 22% improvement over check and more than a 12% increase over fertilizer alone!**

## Working To Enhance Our World

United Agri Products is your source for professionals who have the technical expertise and can provide all the products you need to be a success in today's competitive market.



Label & MSDS available at [www.cdms.net](http://www.cdms.net)

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# Field studies demonstrate the improvement gained by adding Prospect® to a fertilizer program on turf and plants

## Effect of Fertilizer and Prospect on Creeping Bentgrass Density

Ohio Turfgrass Foundation Research and Educational Center – 2000

Treatment	Rate	% Turf Density
Check		60.00
Fertilizer (46-0-0)	0.014 lb. N/1000 sq. ft.	72.00
Fertilizer (46-0-0) + Prospect	0.014 lb. N/1000 sq. ft. + 48 oz./acre	77.00
Prospect	60 oz./acre	82.00

Seeded on August 4, 2000 with G-2 creeping bentgrass at a rate of 2 lbs. per 1000 sq. ft. Density measurements were based on % cover taken visually on October 4 (8 weeks after treatment)

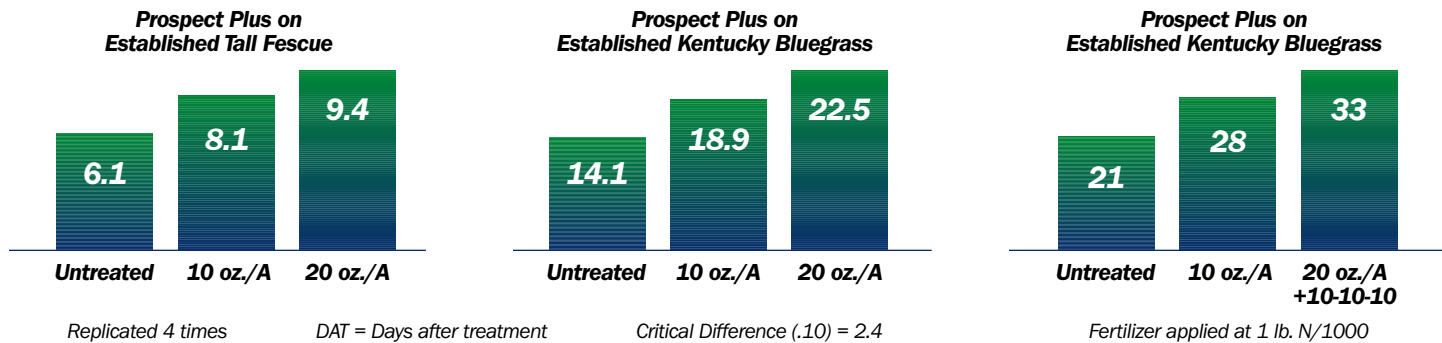
### STUDY RESULTS:

“... a significant increase in creeping bentgrass establishment two months after seeding with the application of fertilizer and Prospect compared to the untreated control.”

**22% to 27% improvement over check and more than a 12% increase over fertilizer alone.**

## Sod Strength of Established Turf - 60 DAT

All research performed at the Virginia Tech Turfgrass Research Center – 1994



### STUDY RESULTS:

“Sod strength and post-transplant rooting of sod was enhanced with all treatments tested, but the higher rate of Prospect Plus showed the most significant gain and urea with Prospect Plus significantly increased rooting.”

**25 to 37% improvement in sod strength and subsequent rooting when compared to untreated turf.**

## Fraser Fir Nursery Tree Growth

Trial conducted at Granger Family Farms in Augusta, Maine – 2000

Treatment	Rate (oz./gal.)	Grand Total (inches)	% Increase In Growth
Fertilizer Alone	6.0	58.5	--
Fertilizer + Prospect	6.0 + 1.0	83.0	41.9%

Fertilizer used was a soluble 15-30-15 standard starter. 3 reps., 5 trees/rep., total of 15 trees

## Balsam Fir Nursery Tree Growth

Trial conducted at Granger Family Farms in Augusta, Maine – 2000

Treatment	Rate	Grand Total (inches)	% Increase In Growth
Fertilizer Alone	60.0 lbs. actual N	460.0	--
Fertilizer + Prospect Plus	1.25 pt/A	596.0	29.6%

3 reps., 25 trees/rep., total of 75 trees

### STUDY RESULTS:

“... the overall growth of trees in the study was greatly enhanced with the addition of Prospect or Prospect Plus when compared to applying fertilizer alone.”

“... these results may be attributed to the larger initial root mass and the plant’s ability to translocate nutrients.”

**30% to 42% improvement over using fertilizer alone.**