

# Bent Special

## 28-8-18 **PLUS** TRACE ELEMENTS

This all water soluble fertilizer is specially formulated for use on Golf Courses, Athletic fields, and other areas where turf is intensely cultivated. It provides both major and minor elements to maintain turf in high traffic areas. It will provide immediate but gentle nourishment in a form of application that can overcome and bypass other nutrient complications due to soil problems, and because amounts applied are tuned to turfs immediate needs there is no runoff or other environmental problems. May be applied in solution by irrigation or any conventional ground rig, by an injector/proportioner through sprinkler systems, and may be applied in combination with most insecticides, herbicides and fungicides.

For Continuous Liquid Feeding

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	28%
0.81% Ammoniacal Nitrogen	
4.56% Nitrate Nitrogen	
22.63% Urea Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	8%
Soluble Potash (K <sub>2</sub> O).....	18%
Magnesium (Mg) .....	0.05%
0.05% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	0.07%
0.07% Combined Sulfur (S)	
Boron (B) .....	0.02%
Copper (Cu).....	0.05%
0.05% Chelated Copper (Cu)	
Iron (Fe).....	0.10%
0.10% Chelated Iron (Fe)	
Manganese (Mn) .....	0.05%
0.05% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.0009%
Zinc (Zn).....	0.05%
0.05% Chelated Zinc (Zn)	

Derived from Ammonium Phosphate, Potassium Phosphate, Potassium Nitrate, Magnesium Sulfate, Urea, Borax, Sodium Molybdate, Copper EDTA, Iron EDTA, Manganese EDTA and Zinc EDTA. Potential acidity equivalent to 704 lbs. Calcium Carbonate per ton.

**CAUTION:** This product is to be used on crops which respond to molybdenum. Crops high in molybdenum are toxic to grazing animals.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm> F593

Avoid applications during peak sunlight hours. Increase the amount of water used to dilute the fertilizer when soil moisture is low. Increase concentrations when soil moisture is high. Use caution when concentration is 1 lb. or more per 5 gallons of water. For turf, apply by weight to a given area using the following chart. 060714

### Turf Spoon Feeding application rates to achieve desired "N" per given area.

Apply repeat applications 14 to 20 days apart in a convenient amount of water for even coverage. Adjust rate to get desired results.

Desired Pounds of Nitrogen per 1000 square ft	1/10	1/8	1/4
Fertilizer required in ounces per thousand sqft	5.71	7.14	14.29
Pounds required per acre	15.55	19.44	38.9
Desired Grams of Nitrogen per square meter	0.49	0.61	1.22
Fertilizer required in Grams	1.7	2.2	4.4
Kilograms required per hectare	17	22	44
Fertilizer required in Kilograms per 500 sq. meter	0.85	1.1	2.2

### MIXING RATE FOR VARIOUS PPM NITROGEN

Parts Per Million		50	100	150	200	300	400
Ounces of Fertilizer Required per Gallon of Concentrate							
Injector Ratios	1:15	0.36	0.71	1.07	1.43	2.14	2.86
	1:50	1.19	2.38	3.57	4.76	7.14	9.52
	1:100	2.38	4.76	7.14	9.52	14.28	19.04
	1:200	4.76	9.52	14.28	19.04	28.56	38.08
	1:300	7.14	14.28	21.42	28.56	42.84	57.12
EC (+/- 10%) mmhos/cm		.10	.20	.30	.40	.60	.80

\*Maximum solubility approx. 3 lbs 12 ozs. per gallon.



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