



Guaranteed Analysis 20-2-3

Total Nitrogen (N)	20.00%
5.0% Ammoniacal Nitrogen	
4.0% Nitrate Nitrogen	
11.0% Urea Nitrogen	
Available Phosphate (P ₂ O ₅)	2.00%
Soluble Potash (K ₂ O)	3.00%
Sulfur (S).....	1.00%
Iron (Fe).....	0.10%
Manganese (Mn).....	0.05%
Zinc (Zn)	0.05%

Derived From:

Urea, Ammonium Nitrate, Ammonium Polyphosphate, Ammonium Sulfate, Phosphoric Acid, Potassium Hydroxide, Iron HEDTA, Manganese EDTA, and Zinc EDTA.

Physical Properties:

Form: Liquid
Appearance: Clear to hazy, amber, having a slight characteristic odor.
Weight: 10.68 lb/gal, 1.28 kg/L
pH: 4.5–5.5

Caution:

Keep out of reach of children.
Harmful if swallowed.

Storage and Disposal:

Do not store this product below 50°F (10°C) or above 90°F (30°C). Keep product in original container. Do not transfer into food or drink containers. Triple rinse container when empty for recycling. Always dispose of container in accordance with local, state, and/or federal regulations.

Conditions of Sale:

The information contained in this bulletin is believed to be accurate and reliable. Buyer and user acknowledge and assume all liability resulting from the use of this material. Follow directions carefully. Timing, method of application, weather, plant and soil conditions, and other factors are beyond the control of the seller.

For more info on this product:



The Comprehensive Nutrition Solution for Turf

Huma[®] Turfplex[®] IV is a well-rounded formulation of complexed macro and micronutrients designed to promote lush, green growth in turf grass. Micro Carbon Technology[®] is included to increase the availability and uptake of nutrients, producing a more vigorous turf.

Benefits of Use:

- More consistent and sustained turf color and texture
- Increased stress tolerance
- More efficient nutrient uptake without leaf burn
- Better stimulation of root growth in seedlings and transplants

Deficiency Symptoms—When to Apply:

- Plant stress caused by nutrient deficiencies, insects, disease, weather, chemicals, or mechanical damage
- Leaf symptoms: Yellow-to-brown leaf edge, pale green leaves, leaf tips dying
- Root symptoms: Shallow rooting

Application Instructions:

SHAKE WELL BEFORE USING. Designed for soil and/or foliar application. Can be applied in combination with compatible plant growth regulators, pesticides, or other liquid fertilizers. If compatibility is in question, jar test a small quantity. Do not foliarly apply this product in concentrations greater than 10% without a preliminary foliar test.

METHOD OF APPLICATION	SUGGESTED RATE		
	Field Crops	Tree or Vine Crops	Turf or Horticulture
Foliar band application at 50% coverage	Up to 2 quarts/acre, 5 liters/hectare	Up to 1 gallon/acre, 10 liters/hectare	Up to 3 oz/1000 ft ² , 105 mL/100 m ²
Foliar broadcast or sprinklers: solid, set, linear, or pivot (100% speed)	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare	Up to 6 oz/1000 ft ² , 210 mL/100 m ²
Soil banded or injected through drip tape or micro sprinklers.	Up to 1 gallon/acre, 10 liters/hectare	Up to 2 gallons/acre, 20 liters/hectare	Up to 6 oz/1000 ft ² , 210 mL/100 m ²
Soil broadcast spray incorporated, flood or furrow irrigated	Up to 2 gallons/acre, 20 liters/hectare	Up to 4 gallons/acre, 40 liters/hectare	Up to 12 oz/1000 ft ² , 420 mL/100 m ²



This product contains Micro Carbon Technology[®] (MCT), a proprietary blend of very small organic molecules that allow for more effective absorption of nutrients by plants.