

ASSURE 8-0-6

A Problem Solving Fertilizer

For The Zero Phosphorus, All Organic, No Synthetic, Requirements

Total Nitrogen (N).....	8.00%
1.00% Water Soluble Nitrogen	
7.00% Water Insoluble Nitrogen*	
Soluble Potash (K ₂ O).....	6.00%
Calcium (Ca)	1.00%
Magnesium (Mg)	0.50%
0.25% Water Soluble Magnesium	
Sulfur (S).....	1.00%
1.00% Sulfur, Combined	
Copper (Cu)	0.10%
Iron (Fe)	1.00%
0.50% Water Soluble Iron	
Manganese (MN)	0.10%
0.05% Water Soluble Manganese	
Sodium (Na)	0.10%
Zinc (Zn)	0.10%

Derived from: Feather meal, meat and bone meal, potassium sulfate, kelp meal, ferric oxide, ferrous sulfate, magnesium sulfate, magnesium oxide, manganese sulfate, manganese oxide, zinc oxide, cupric oxide.

***7.00% Slow or controlled release Nitrogen derived from Feather Meal.**

Typical Spreader Settings: 8-2-6

Lbs. N/1,000 sq.ft.	1/2.....	3/4.....	1.0
Sq.ft./50 lb. Bag	8,000.....	5,333.....	4,000
Sq. meter/22.7 Kg bag ..	745.....	496.....	372
Cyclone	5.....	6.....	7
Earthway Rotary	18.....	20.....	22
Lesco	K.....	L.....	M
PSB Priselawn	6.....	7.....	8
Scotts RX7	I.....	J.....	K
Scotts R8	L.....	M.....	N
Spyker	5.....	6.....	7

BROAD SPECTRUM INOCULANT: 66 STRAINS

Bacillus: 46 strains to include

Bacillus subtilis	Bacillus licheniformis
Bacillus megaterium	Bacillus pumilis
Bacillus azotoformans	Bacillus coagulans
Bacillus firmus	Bacillus amyloliquefaceans
Paenibacillus polymyxa	Paenibacillus durum
Bacillus azotoformans	Bacillus coagulans
Geobacillus stearothermophilus	

Endospore formers (survive in harsh environments)
 Free living nitrogen fixers
 Solubilize minerals & nutrients in soil profile
 Enhance nutrient absorption
 Enhance photosynthetic capacity
 Produce plant regulatory compounds (growth promotion)

Pseudomonas: 6 Strains to include

Pseudomonas putida; Pseudomonas fluorescence
Pseudomonas aureofaceans
 Provide increased resistance to abiotic stress
 Produce plant regulatory compounds (growth promotion)
 Enhance photosynthetic capacity
 Free living nitrogen fixers

Streptomyces: 7 Strains to include

Streptomyces lydicus; Streptomyces griseus,
Streptomyces coelicolor
 Prolific enzyme producers (nutrient solubilization)
 Produce plant regulatory compounds (growth promotion)
 Enhance soil structure.

Trichoderma: 7 Strains

Trichoderma reesei; Trichoderma hamatum;
Trichoderma harzianum
 Solubilize phosphorous in the soil
 Facilitate nutrient absorption
 Provide increased resistance to abiotic stress

Microbial Nutrients

Dextrose 55.00 %, 10.00% Sucrose,
 3.00 % Amino Acids **Amino Acids to include Methione,**
 3.0 % Vitamin Blend (B Complex, Biotin),
 2.50 % Natural Silica (Drying Agent)