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Sigma 2-4-2

With Mycorrhizal Fungi

Guaranteed Analysis F001968

Total Nitrogen (N)	2.0%
0.68%Water Soluble Nitrogen	
1.32%Water Insoluble Nitrogen*	
Available Phosphate (PO)	4.0%
Soluble Potash (KO)	2.0%
Calcium (Ca)	10.0%
Magnesium (Mg)	0.6%
Iron (Fe)	0.15%

Derived from composted poultry manure and feather meal.

*1.32% slowly available water insoluble nitrogen from composted poultry manure and feather meal.

ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

5% Humate

Contains 22.7 Million Total Bacillus Bacteria Colony Forming Units (CFU's) per Lb.

Bacillus subtilus	8.35 x 10 ³ CFU's/gm
Bacillus amyloliquefaciens	8.35 x 10 ³ CFU's/gm
Bacillus laterosporus	1.67 x 10 ⁴ CFU's/gm
Bacillus licheniformis	8.35 x 10 ³ CFU's/gm
Bacillus mojavensis	8.35 x 10 ³ CFU's/gm

Contains 145 Total Mycorrhizae / Endomycorrhiza Propagules per Lb.

Glomus Aggregatum	0.08 Propagules/gm
Glomus Intraradices	0.08 Propagules/gm
Glomus Mosseae	0.08 Propagules/gm
Glomus Etunicatum	0.08 Propagules/gm

Contains 2.27 million total Trichoderma Colony Forming Units (CFU's) per Lb.

Trichoderma harzianum	2.0 x 10 ³ CFU's/gm
Trichoderma koningii	3.0 x 10 ³ CFU's/gm

AVAILABLE PACKAGING

2000 LB. TOTES (907 KG),
 50 LB. POLYETHYLENE BAGS (22.68 KG), OR
 BULK LOAD

Information about the application rate and components of this lot of fertilizer may be obtained by writing to the named guarantor. Please provide the lot number listed below.

Net Weight 50 Lb. (22.68 kg)

Application Rates

Vegetable

Low Rate:

(Examples - peas, beans) Incorporate 2500 lb. per acre 2-3 weeks prior to planting.

Medium Rate:

(Examples - asparagus, beet, carrot, melon, pepper, cauliflower, broccoli, brussels sprout, and celery) Incorporate 5000 lb. per acre 2-3 weeks prior to planting.

High Rate:

(Examples - onion, sweet corn, potato, tomato) Incorporate 6000 lb. per acre 2-3 weeks prior to planting.

Container Sizes

1 Gallon:

Low Rate: 113 grams High Rate: 225 grams

2 Gallon:

Low Rate: 225 grams High Rate: 450 grams

3 Gallon:

Low Rate: 338 grams High Rate: 712 grams

5 Gallon:

Low Rate: 450 grams High Rate: 975 grams

7 Gallon:

Low Rate: 675 grams High Rate: 1462 grams

10 Gallon:

Low Rate: 825 grams High Rate: 1762 grams

15 Gallon:

Low Rate: 900 grams High Rate: 1875 grams

Trees & Palm

Rate based on 1" of trunk diameter (caliper).
 Example: for 10" trunk diameter (caliper) multiply label rate by 10

Incorporation:

Mix with soil in bottom of holes prior to transplanting. Apply 12.5 lb. at Transplanting.

Broadcast:

Apply 25.0 lb. at transplanting.

Ornamentals

Low Rate:

(for heavy substrates with porosity < 60%)

Incorporation:

60 lb. per cubic yard of media

Landscape:

98 lb. per 1000 sq. ft.

Medium Rate:

(for most nursery stock and foliage plants)

Incorporation:

90 lb. per cubic yard of media

Landscape:

173 lb. per 1000 sq. ft.

High Rate:

(for light substrates with porosity > 80%)

Incorporation:

112 lb. per cubic yard of media

Landscape:

248 lb. per 1000 sq. ft.

Turf

Natural:

Medium: 37.5 lb. / 1000 sq ft. (0.75 lb. N)

Lawns:

High: 50 lb. / 1000 sq ft. (1.0 lb. N)

Golf Course

Low Rate:

25 lb. / 1000 sq ft. (0.50 lb. N)

Medium Rate:

37.5 lb. / 1000 sq ft. (0.75 lb. N)

High Rate:

50 lb. / 1000 sq ft. (1.0 lb. N)

