



**Contact Us**  
 +1 281 706 8171  
 2565 FM 1096 Boling, TX 77420  
 www.SigmaAgriscience.com

# Sigma 7-2-1

## With Mycorrhizal Fungi

### Guaranteed Analysis **F001968**

|                                      |      |
|--------------------------------------|------|
| Total Nitrogen (N) .....             | 7.0% |
| 1.05% .....Water Soluble Nitrogen    |      |
| 5.95% .....Water Insoluble Nitrogen* |      |
| Available Phosphate (PO) .....       | 2.0% |
| Soluble Potash (KO) .....            | 1.0% |
| Calcium (Ca) .....                   | 5.0% |
| Iron (Fe) .....                      | 0.2% |

Derived from composted poultry manure and feather meal.

\*5.95% slowly available water insoluble nitrogen from composted poultry manure and feather meal.

### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

5% Humate

### Contains 11.3 Million Total Bacillus Bacteria Colony Forming Units (CFU's) per Lb.

|                            |                                 |
|----------------------------|---------------------------------|
| Bacillus subtilillus       | 4.17 x 10 <sup>3</sup> CFU's/gm |
| Bacillus amyloliquefaciens | 4.17 x 10 <sup>3</sup> CFU's/gm |
| Bacillus laterosporus      | 8.35 x 10 <sup>3</sup> CFU's/gm |
| Bacillus licheniformis     | 4.17 x 10 <sup>3</sup> CFU's/gm |
| Bacillus mojavensis        | 4.17 x 10 <sup>3</sup> CFU's/gm |

### Contains 72.57 Total Mycorrhizae / Endomycorrhiza Propagules per Lb.

|                     |                    |
|---------------------|--------------------|
| Glomus Intraradices | 0.04 Propagules/gm |
| Glomus Mosseae      | 0.04 Propagules/gm |
| Glomus Etunicatum   | 0.04 Propagules/gm |
| Glomus Aggregatum   | 0.04 Propagules/gm |

### Contains 1.13 million total Trichoderma Colony Forming Units (CFU's) per Lb.

|                       |                                |
|-----------------------|--------------------------------|
| Trichoderma harzianum | 1.0 x 10 <sup>3</sup> CFU's/gm |
| Trichoderma koningii  | 1.5 x 10 <sup>3</sup> 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 450 lb. at planting.

### Medium Rate:

(Examples - asparagus, beet, carrot, melon, pepper, cauliflower, broccoli, brussels sprout, and celery) Incorporate 1100 lb. per acre at planting or per organic certification rules.

### High Rate:

(Examples - onion, sweet corn, potato, tomato) Incorporate 1100 lb. per acre at planting then broadcast or band additional fertilizer after plants are well established.

## Container Sizes

### 1 Gallon:

Low Rate: 32 grams    High Rate: 64 grams

### 2 Gallon:

Low Rate: 64 grams    High Rate: 128 grams

### 3 Gallon:

Low Rate: 96 grams    High Rate: 203 grams

### 5 Gallon:

Low Rate: 128 grams    High Rate: 278 grams

### 7 Gallon:

Low Rate: 193 grams    High Rate: 418 grams

### 10 Gallon:

Low Rate: 236 grams    High Rate: 503 grams

### 15 Gallon:

Low Rate: 257 grams    High Rate: 535 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 3.5 lb. at Transplanting.

### Broadcast:

Apply 7.0 lb. at Transplanting.

## Ornamentals

### Low Rate:

(for heavy substrates with porosity < 60%)

### Incorporation:

17 lb. per cubic yard of media

### Landscape:

28 lb. per 1000 sq. ft.

### Medium Rate:

(for most nursery stock and foliage plants)

### Incorporation:

26 lb. per cubic yard of media

### Landscape:

49 lb. per 1000 sq. ft.

### High Rate:

(for light substrates with porosity > 80%)

### Incorporation:

32 lb. per cubic yard of media

### Landscape:

70 lb. per 1000 sq. ft.

## Turf

### Natural:

Medium: 25 lb. / 1000 sq ft.  
 (0.75 lb. N)

### Lawns:

High: 33 lb. / 1000 sq ft. (1.0 lb. N)

## Golf Course

### Low Rate:

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

### Medium Rate:

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

### High Rate:

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

