

# Soil Fusion

**Water soluble powder containing soil flora and fauna activators with Vegetal Protein Hydrolysates, Humic and Fulvic acids and Beneficial soil Bacteria, Fungi and Rhizobia to stimulate plant growth and establishment** **0 – 0 - 5**

Potassium (K).....5%  
Soluble potassium                      Derived from Potassium Hydroxide

Non Plant Food Ingredients: Humic and Fulvic acid from young Leonardite ore, extracts from Ecklonia Maxima seaweed, Black Strap molasses, amino acid compounds extracted from vegetable protein hydrolysates and beneficial soil bacteria, fungi and Rhizobia

APPLICATION RATES	AMOUNT/DILUTION	COVERAGE	FREQUENCY
Golf Course Greens	0.75 – 1 oz.	1,000 sq. ft.	2 – 4 weeks
Fairways – Residential Turf	1 – 2 lbs./Acre	Acre	4 – 6 weeks
General Soil Application	1 – 1 1/2 oz.	1,000 sq. ft.	4 – 8 weeks
Ornamental Installation	1 Tbs./gal water	16 oz. per 5-gal container	At time of planting
Greenhouse Injector @ 1:100	1 ½ lbs./ 8-gal water	10,000 sq. ft	4 – 6 weeks
Deep Root Feed	2 lbs. in 200-gal water	1 gal per 5 ft. tree height	As necessary



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## Beneficial Bacteria, Fungi and Rhizobia

- |                              |                             |                               |   |
|------------------------------|-----------------------------|-------------------------------|---|
| Nitrososphaera sp.           | Diutina mesorugosa          | Cercospora communis           |   |
| Gemmatimonas sp.             | Trichoderma atroviride      | Acermonium alternatumartamyce | Bacillus firmus                           |
| Xiphinematobacter sp.        | Wallemia sebi               | Debartomyce hansenii          | Bacillus amyloliquefaciens                |
| Blastocatella sp.            | Penicillium sizvoae         | Fusarium equiseti             | Bacillus subtilis                         |
| Nitrososphaera gargensis sp. | Naganishio diffusus         | Aspergillus wentii            | Bacillus lichhenfoemis                    |
| Nitrospira sp.               | Penicillium chrysogenum     | Rhizophagus irregularis       | Bacillus megaterium                       |
| Pirellula sp.                | Aspergillus amstelodami     | Cladosporium romorenellu      | Bacillus pumilus                          |
| Steroidobacter sp.           | Epicacum nigrum             | Trichoderma reesel            | Bacillus methylophilicus                  |
| Clostridium sp.              | Penicillium citrium         | Solicocozyma aeria            | Geobacillus strathermophilus              |
| Achromabacter sp.            | Myrothecium inindatum       | Acemonium                     | Pseudomonas aurorofaciens/florscens/      |
| Kaistobacter sp.             | Resinicium rimulosum        | Aspergillus                   | Putia                                     |
| Niastella sp.                | Meyerozyma caribbica        | Rhizotonia fragariae          | Streptomyces coelicolor /lydicus/ griseus |
| Bacillus aryabhottai         | Candida tropicalis          | Thanotetephorous cucumerts    |   |
| Altererythrobacter sp.       | Wallemia hederiae           | Ordomyces humicola            |   |
| Flavisolibacter sp.          | Coprinus phoeopunctaus      | Dactyella panlongna           | Glomus maseae                             |
| Haliangium sp.               | Aspergillus terreus         | Stachybotrys chartarum        | Glomus intradices                         |
| Methylotenera ap.            | Caldosporium herbarum       | Zopfiella sp.                 | Glomus facicullatum                       |
| Planctomyces sp.             | Alternaia infectoria        | Sporobolomyces                | Glomus clarium                            |
| Bacillus coahuilensis        | Arachnomyces pilosus        | Acermonium persicium          | Glomus deseticola                         |
| Acidovorax sp.               | Penicillium pimateoulense   | Celpaliophora                 | Glomus micraggregatum                     |
| Alysiosphaera sp.            | Lophatrichus fimeti         | Chrysosporium lobatum         | Glomus dusil                              |
| Nannosystis exedens          | Wallemia sp.                | Lophiostoma sp.               |   |
| Nordella sp.                 | Cercospora sojina           | Mortierella ambigua           |   |
| Pedosphaera sp.              | Ovatospora medusarium       | Mortierella sp                |   |
| Pseudomonas sp.              | Cladosporium halotolerans   | Cortinarius                   |   |
| Shinella sp.                 | Trichosporon asahil         | Crepidotus mollis             |   |
| Sporocytophaga sp.           | Penicillium molaciense      | Amphobotrys ricini            |   |
| Azospire sp.                 | Chaetomium sp.              | Chaetomium iranianum          |   |
| Rhondopila sp.               | Aspergillus sydowil         | Pyrenochaetopsis leptopora    |   |
| Bacillus sp.                 | Schizothecium corpinicola   | Stemphylium vesicarium        |   |
| Lacibacter sp.               | Rhizopus oryae              | Aepergillus insuetus          |   |
| Paenibacillus kolteovorans   | Penicillium parvulum        | Clonnstachy rosea             |   |
| Shimazuella sp.              | Terezia sp.                 | Haematonectria haematococca   |   |
| Singulisphaera sp.           | Penicillium breviscompactum | Metarhizium lepidtae          |   |
| Geobacillus sp.              | Aspergillus sp.             | Penicillium bilaiae           |   |
| Oceanobacillus sp.           | Penicillium polonicum       | Pseuogymnoascus roseus        |   |
| Paenibacillus sp.            | Collariella bostrychodes    | Trichoderma sp.               |   |

Net weight: 3 lb. per bag  Case 10 x 3 lb. bags

### CAUTION

Keep out of reach of children

Store in a cool dry place. If opened reseal tightly to prevent moisture from entering bag.

Do not inhale powder, if in eyes flush with plenty of water