



GUARANTEED ANALYSIS

TOTAL NITROGEN (N)	5.50%
5.5% Ammoniacal Nitrogen	
TOTAL PHOSPHATE (P2O5).....	18.50%
Derived from Ammonium Polyphosphate	

CONTAINS NON-PLANTFOOD INGREDIENTS

Pharmgrade Organic Acids.....	3.00%
Carbon.....	1.00%

DERIVED FROM A PROBIOTIC FERMENTATION PROCESS AND LEONARLETE

Bacillus amyloliquefaciens.....	3.38x10 ⁵
Bacillus licheniformis	1.35x10 ⁵
Bacillus megaterium.....	2.70x10 ⁴
Bacillus pumilus	2.03x10 ⁷
Bacillus subtilis	6.08x10 ⁶
Bacillus subtilis var natto	4.73x10 ⁶
Bifidobacterium animalis	3.38x10 ⁵
Bifidobacterium bifidum	4.73x10 ⁵
Bifidobacterium longum	2.70x10 ⁵
Lactobacillus acidophilus	2.03x10 ⁵
Lactobacillus buchneri	9.18x10 ⁵
Lactobacillus casei subsp. casei	8.10x10 ⁵
Lactobacillus delbrueckii bulgaricus.....	1.35x10 ⁵
Lactobacillus delbrueckii delbrueckii	6.08x10 ⁴
Lactobacillus fermentum	2.70x10 ⁴
Lactobacillus lactis subsp. lactis.....	1.35x10 ⁴
Lactobacillus plantarum	1.35x10 ⁴
Rhodopseudomonas sphaeroides.....	5.40x10 ⁴
Rhodopseudomonas palustris	6.75x10 ⁵
Saccharomyces cerevisiae.....	5.40x10 ⁵
Streptococcus saivarius subsp. thermophilus	4.73x10 ⁶
Trichoderma atrovirides.....	3.60x10 ⁶
Trichoderma harizanum	4.50x10 ⁶
Trichoderma koningii.....	1.80x10 ⁷
Trichoderma intricatum	9.00x10 ²
Trichoderma polysporum.....	1.80x10 ⁷
Trichoderma viride.....	2.70x10 ⁶

TOTAL BIOLOGICAL CONSORTIUM8.76x10⁷

PRODUCT INFORMATION

BIOACTIV P is a combination of 30% ortho and 70% poly phosphate in a biological organic acid solution. These organic acids are the metabolites from a liquid fermentation of probiotic soil microbes and leonardite based organic acids. This fermentation supplies the plant with a carbon-based phosphate that resists tie up and easily moves through the plant. The increased nutrient efficiency plays a key role in higher yields and greater crop quality. BIOACTIV P contains an inoculum of 27 specifically selected beneficial soil microbe species. These microbes are PGPR (PLANT GROWTH PROMOTING RIZOBACTERIA) and are known to increase traditional plant nutrient uptake by promoting healthy soil biofilm on strategic root and plant surfaces. These AGBIOFILM® layers become strategic exchanges for nutrient flow and relief of crop stress. Carbon flows

PRODUCT INFORMATION CONTINUED

efficiently back and forth through these layers carrying nutrient to the plant and sugars (root exudates) to the microbes. This exchange is the key to effect yield increase. BIOACTIV P acts through four mechanisms to increase yield and quality. 1. Improves nutrient availability and cycling. 2. Acts as a biocontrol agent suppressing disease. 3. Produces compounds that directly stimulate plant growth. 4. Reduces plant stress.

RECOMMENDED APPLICATION

For use on: All Agricultural, Horticultural, Tree and Fruit crops and turf.

Application and Rates: 1-30 GALLON/ACRE per year on all field crops. This product can also be used in the following ways; foliar, fertigation, drench, root stimulation, and in furrow at planting. Mix 8-16 oz. in 5 gallon of water for root dip and/or pre-irrigation. Contact a local Valley Agronomics representative for more specific rates and instructions.

This product may be mixed with a variety of fertilizers and pesticides. Please call for further directions. Always perform a jar test to ensure compatibility.

HANDLING AND STORAGE

Follow appropriate safety procedures. Skin contact may cause temporary staining. In case of accidental exposure, flush with plenty of water.

SHAKE/AGITATE WELL BEFORE USING.

Agitation prior to production transfer and application is required. Storage for longer than 12 months is not recommended. Do not freeze. KEEP OUT OF REACH OF CHILDREN WARNING CAUSES SKIN IRRITATION. CAUSES EYE IRRITATION. MAY CAUSE RESPIRATORY IRRITATION. PRECAUTIONARY STATEMENTS: Avoid breathing fumes / gas / mist / vapors / spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Call a poison center / doctor if you feel unwell. Specific treatment see First Aid section on this label, PERSONAL PROTECTIVE EQUIPMENT: Wear protective gloves / protective clothing / eye protection / face protection. Take off contaminated clothing and wash before reuse, FIRST AID: IF ON SKIN Wash with plenty of water. If skin irritation occurs, get medical advice /attention. IF INHALED Remove person to fresh air and keep comfortable for breathing. IF IN EYES Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, Continue rinsing. If eye irritation persists get medical advice / attention. STORAGE AND DISPOSAL: STORAGE Store in a well-ventilated place. Keep container tightly closed. Store locked up. DISPOSAL Dispose of contents / container in accordance with local / regional / national regulations.

WARRANTY

Valley Agronomics is not responsible for the use or misuse of this product. To the extent allowable by state law, buyer's guarantee limited to label claims.

GENERAL INFORMATION

MADE IN THE USA
Valley Agronomics LLC
P.O. Box 365
922 South Oneida
Rupert, ID 83350
208.436.0141 Office
208.436.9643 fax

