

# PHC BioPak® Water Soluble Powder

## Organic Microbial Inoculant

### *Dry, Soluble Organic Inoculant with Beneficial Rhizosphere Bacteria*

PHC BioPak® is a dry, water soluble soil treatment with nitrogen-fixing, phosphorus-solubilising and other beneficial rhizosphere bacteria. These bacteria are active in the rhizosphere of the plant to increase nutrient availability, and enhance growth. The ingredients in PHC BioPak® include soluble humic extracts (humic acid), sea kelp extract, amino acids, vitamins and sugars to feed the bacteria and maximise the nutrient uptake by the plant.

#### NURSERY AND GREENHOUSE APPLICATION RATES

*Mix Rates for Standard Dilution:*

Mix dry, soluble PHC BioPak® in water at a dilution rate of 1g per litre. Use the following mix rates:

110g Pack                      Use 1 pack in 100-200 litres of water  
450g Open-and-Pour bag    Use 1 bag in 400-800 litres of water

*Note: For all iron and micronutrient deficient plants, use PHC BioPak® Plus. Due to a neutral pH of 6.5, PHC BioPak® can be tank mixed with most pesticides, soluble NPK fertilizers and micronutrient products.*

**Maintenance Rates** - Apply 1kg per hectare by drench to the soil. Water in. Repeat every 2-4 weeks. If applying to peat-based or coir-based composts, the use of PHC Yuccah natural wetting agent is advised.

**Stress Recovery** - for stressed, yellowed or poorly rooted plants, prepare a standard dilution in water (see mix rates above) and drench soil at 1-2 kg per hectare. For root diseased plants, apply with or after fungicide treatment, or use PHC Compete Plus. Repeat every 2-4 weeks as needed.

**Seedling Plugs** - drench plug trays with a 1% of PHC BioPak® after first true leaves form, or before planting

**BIOPAK IS REQUIRED TO BE IRRIGATED IN TO THE SOIL WITHIN 4-6 HOURS OF APPLICATION**

#### PACKAGING

Available in • 110g packs, 10 per box  
• 450g bags, 5 per box  
• 20kg Bulk Box

#### STORAGE/SHELF LIFE

Shelf Life – 2 Years. Avoid moisture and store in a dry location.

Avoid prolonged storage in temperatures above 110° F.

After mixing with non-chlorinated water, apply within 12 hours. **Do not store mixed product.**

#### HEALTH AND SAFETY INFORMATION

- In case of allergic reaction(s), treat symptoms and contact a doctor.
- Product not intended for ingestion. In case of ingestion, seek medical attention.
- Wash hands after handling.
- **Keep out of reach of children.**

#### TECHNICAL ASSISTANCE

For technical assistance, call Plant Health Care on 0044 (0)1442 828565.

#### LIMITED WARRANTY

*Plant Health Care offers for sale the product PHC BioPak®. THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE which extend beyond the description of the product in this specification sheet or other product literature. Liability of Plant Health Care is limited to replacement of any product which does not meet these specifications. Suggestions for use and information on results obtained with its use are assumed by the manufacturer to be reliable. Since conditions of use are outside the control of Plant Health Care the buyer is responsible for all results, including injury and damage stemming from the use of this product alone or in combination with other materials.*



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