



Pvent®

MICROBIAL WP (4-0-2)

SPECIMEN LABEL

GUARANTEED ANALYSIS:

Total Nitrogen (N)..... 4.0%
 4.0% Ammoniacal Nitrogen
 Soluble Potash (K₂O)..... 2.0%
 Derived from: Soy Protein Hydrolysate and Kelp Extract
 (*Ascophyllum nodosum* and Potassium Hydroxide)*
 *Extracted with Potassium Hydroxide

ALSO CONTAINS NON-PLANT FOOD INGREDIENT(S):

GUARANTEED ANALYSIS—Soil Amending Ingredient:

Clonostachys rosea..... 1x10⁸ CFU/g

TOTAL OTHER INGREDIENTS:

(Inert, as a nonplant food ingredient)..... 90.0%

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

PRECAUTIONS: CAUTION. KEEP OUT OF REACH OF CHILDREN.

Read label before use. Wear protective gloves, clothing, eye protection. Do not inhale or ingest. Avoid contact with skin and eyes. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. If swallowed, drink water and consult a physician.

STORAGE: Pvent Microbial WP can be stored unopened for 12 months in a cool and dry place at or below 4°C. It is recommended that all of the contents of the package are used immediately once opened. **See use-by date on the container.**

PURPOSE: Pvent Microbial WP is a concentrated Wettable Powder (WP) formula containing mycelia and spores of *Clonostachys rosea* a naturally occurring fungus labeled for agricultural and ornamental crops. Pvent Microbial WP's formulation is designed to improve conditions for rooting and grafting, plant vigor, and crop quality. *Clonostachys rosea*, is a beneficial biological inoculant that colonizes plant tissues and may increase root growth.

COMPATIBILITY: Do not tank-mix Pvent Microbial WP with pesticides, fertilizers, surfactants, or adjuvants without first performing compatibility testing, including a jar test and small test application to desired treatment area. If there has been no previous experience or use of the combination to show it is physically compatible, effective, and non-injurious under your use conditions. Contact BioSafe Systems before mixing with plant protection products.

To ensure compatibility, evaluate prior to use. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thoroughly mixing, let this mixture stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank.

Surfactants are not generally needed. A non-ionic surfactant may be used in combination with Pvent Microbial WP for crops with waxy/hard-to-wet leaf surfaces.

DIRECTIONS FOR USE:

Foliar Spray Application:	0.33 oz. Pvent Microbial WP per 5 gallons of water (0.05% suspension). Repeat applications every 3-6 weeks.
Soil Application:	0.45-0.90 lb. Pvent Microbial WP per acre. Make first application immediately after seeding/transplanting and repeat at a 3-6 week interval.
Fogging Application (Cold Fog Only):	For fogging (cold fogging only) make a 0.1% suspension (0.13 oz. Pvent Microbial WP per gallon of water) and apply as a fog at a rate of 0.6-1 gallon of suspension per every 10,000 sq. ft. of crop area.

PREPARING AN AQUEOUS SUSPENSION OF PVENT MICROBIAL WP

To prepare an aqueous suspension of Pvent Microbial WP, mix product in a small volume of water such as 0.5 gallon (e.g., 0.33 oz. of Pvent Microbial WP per 0.5 gallon of water). For best results, let the suspension stand 30 minutes. Agitate sufficiently to evenly disperse product before diluting to final volume. Apply the aqueous suspension as a dip, drench or spray or via drip or sprinkler chemigation or incorporation in potting media. Use the aqueous suspension within 1 day of preparation. Examples of mixing ratios of Pvent Microbial WP with water are as follows:

Concentration of Pvent Microbial WP Suspension	Ounces (oz.) of Pvent Microbial WP	Gallons of Water	Grams (g) of Pvent Microbial WP	Liters (L) of Water
0.01%	0.33	25	10	100
0.05%		5		20
0.1%		2.5		10
0.25%		1		4

HANDLING & DISPOSAL

Do not breathe dusts when mixing. Use adequate ventilation and respiratory protection. Avoid breathing fertilizer mists. Avoid eye and skin contact. Wash hands thoroughly after using product.

Disposal: Do not reuse container. Follow all local, State and Federal laws for proper disposal.

WARRANTY

BIOSAFE SYSTEMS, LLC warrants that this product conforms to the description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above when used in accordance with directions under normal use conditions. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or BIOSAFE SYSTEMS, LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BIOSAFE SYSTEMS, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESSED OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.



For additional information on PVent® Microbial WP, call us toll-free at 1-888-273-3088 or visit www.BioSafeSystems.com.

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V2-031723 4.23