



## PERpose Plus™

PERpose Plus is a hydrogen peroxide-based product specially formulated to prevent and control plant diseases and algae on equipment and hard surfaces, in all stages of crop production, and for post-harvest and storage applications.

**Active Ingredients:** Hydrogen Peroxide

### Benefits & Features

- Kills algae and fungi immediately on contact
- 0 to 1-hour REI; 0-day pre harvest interval (PHI)
- Recognized as GRAS (Generally Regarded as Safe) by the FDA
- No restrictions on food crops or outdoor use
- Clear and odorless; Leaves no residue
- Higher % hydrogen peroxide vs. similar products
- Does not contain peracetic acid
- Excellent shelf stability
- Stronger oxidizer than chlorine, chlorine dioxide
- Reduces anaerobic conditions in the soil
- Excellent resistance management tool

### SUSTAINABLE. SIMPLE. SUPPORT.

For over 25 years, BioWorks has been helping our customers to develop effective and efficient programs using safer, sustainable products - backed by a personalized approach to support.

At BioWorks, we strive to simplify the use of biologicals with our ongoing commitment to information, education, and service.



### BROAD CONTROL

PERpose Plus can prevent and control:  
Algae, *Alternaria*, Anthracnose, *Aphanomyces*, Black spot, *Botrytis*, *Erwinia*, *Fusarium*, Leaf Spot, *Phytophthora* (blights, rots), *Plasmopara*, Powdery Mildew, *Pseudomonas*, *Pythium*, *Rhizoctonia*, Rust, Scab, *Sclerotinia*, Smut, *Thielaviopsis*, Wilts & Blights, *Xanthomonas*.



### LESS PHYTOTOXICITY

A non-phytotoxic formulation, PERpose Plus intentionally does not contain peracetic acid which can cause injury to plant tissue and flower bracts with continued use.



### VERSATILITY IN USE

PERpose Plus may be used for many types of applications in commercial greenhouses, garden centers, landscapes, agricultural crops, nurseries, interiorscapes and commercial turf.



## BROAD SPECTRUM ALGAECIDE AND FUNGICIDE FOR USE ON CROPS AND SURFACES



### PRODUCT INFORMATION

- Hydrogen Peroxide
  - Available Sizes: 5 Gal (18.93 L), 30 Gal (113.56 L), 55 Gal (202.38 L), 275 Gal (1011.90 L)
  - Registered for use in the USA, except CA
- REI & PHI**
- 0- to 1-hour REI, 0-day PHI

### SHELF LIFE

Stable under normal storage conditions. Store in a cool place out of direct sunlight. Keep the container closed, and stock tank solutions covered. Freezing will not have an effect on PERpose Plus concentrate. However, it will start to break down at temperatures at or above 86 °F.

For use in greenhouses, garden centers, nurseries, landscapes, field, orchards, vineyards and professional turf. Use on ornamentals and field crops including vegetable crops, fruit crops and tobacco.

EPA registered: Reg. No. 68539-15  
MPS Code: 3585/White



### APPLICATION NOTES

#### RECOMMENDATIONS

- Readily mixes with clean, neutral water and does not require additional agitation.
  - Works best when diluted with water containing low levels of organic or inorganic materials and having a neutral pH. Rinse mixing tank thoroughly with water before mixing concentrate, or residues may cause product to lose effectiveness.
- For general sanitation:
- Clean debris, weeds and media from area before application.
  - Keep surface wet for 10 minutes.
- Note: Do not apply PERpose Plus in dry, extremely hot conditions. Never mix PERpose Plus concentrates with other chemical concentrates.



### APPLICATION RATES

Application	Use Rate	Frequency	Dilution-Direct Injection
General Sanitation: Surfaces	2.0 fl oz/gal	Between crops, before filling house, as needed	1:50
Foliar Spray*	1/3 fl oz/gal	Preventative: weekly spray	1:300
	1.0 fl oz/gal	Curative: apply 1-3 consecutive days	1:100

\*Spray to wet in early morning or evening to avoid heat.

#### TECHNICAL SUPPORT

If you are a commercial grower with a question or if you want to discuss a particular issue, contact us.

Our team is ready to discuss your crop-specific issues or any questions you have about our products. We will provide you with rapid, comprehensive and personalized support.

**(800) 877-9443 or [expert@bioworksinc.com](mailto:expert@bioworksinc.com)**

#### MULTIPLE USES

- Greenhouse structures, benches, floors
- Evaporative coolers, irrigation systems
- Foot bath mats, cutting tools
- Mist propagation
- Pre-plant dip
- Soil drench
- Foliar spray
- Post harvest cold storage or transit