



# PRB9™ 0-3-3

Next generation osmoregulant for abiotic stress

OVERVIEW

PRB9™ 0-3-3 contains an osmolyte compound that is naturally induced when a plant is under abiotic stress. It supports plant productivity by mitigating stresses from heat, drought and salinity improving overall yield and plant performance. It can be incorporated into crop, turf and ornamental programs through various application methods.

FEATURES & BENEFITS

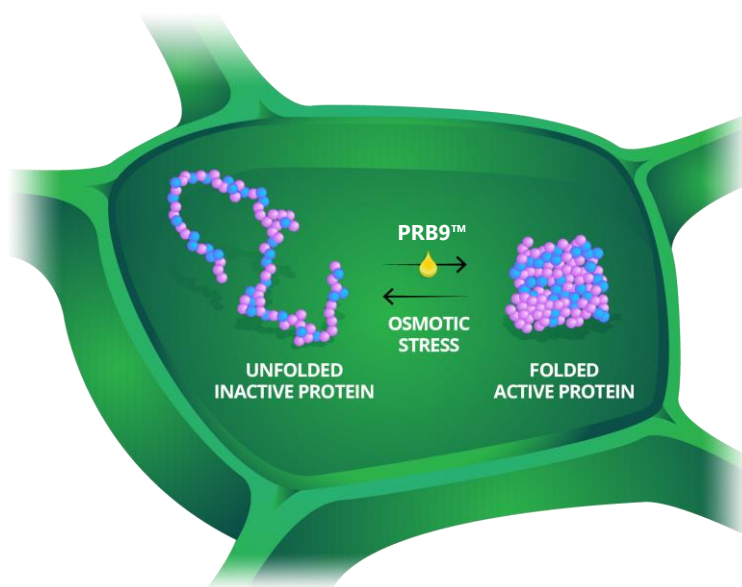
## Benefits of Using PRB9™ 0-3-3:

- Increased resistance to abiotic stress – heat, drought, and salinity
- Supports water and nutrient transport during abiotic stress conditions
- Optimizes conditions for improved crop yield and plant performance
- Ease of application – tank-mix compatible with most crop protectants and nutrient solutions

TECHNOLOGY AT WORK

## How PRB9™ 0-3-3 Technology Works:

1. Osmoregulants are the substances produced by plants that assist in tolerating environmental stresses
2. PRB9™ 0-3-3 contains a compound that is an osmoregulant, stabilizing proteins and enzymes, keeping their hydration structure and configuration
3. Proper hydration allows plant cells to continue to function during transitional drought and other abiotic stress events
4. This results in less stress to the plant and provides comparatively greater growth and vigor





# PRB9™ 0-3-3

## Product Profile

Mode of Action	<ul style="list-style-type: none"> <li>Stabilizes proteins and enzymes, keeping their hydration structure and configuration</li> <li>Supports natural processes to benefit vegetative growth under abiotic stress</li> </ul>
Compatibility	<ul style="list-style-type: none"> <li>Effective with a wide range of crop protectants, raw nutrients, blends and organic solutions. Contact a product representative for a complete list of compatible products.</li> </ul>
Active Ingredients	<ul style="list-style-type: none"> <li>Osmolyte compound</li> <li>Monopotassium phosphate (MKP)</li> <li>Dipotassium phosphate (DKP)</li> </ul>
Formulation	<ul style="list-style-type: none"> <li>Soluble liquid concentrate (SL)</li> </ul>
Packaging	<ul style="list-style-type: none"> <li>2 x 2.5 gal case, 275 gal tote</li> </ul>
Shelf life	<ul style="list-style-type: none"> <li>24 months from date of manufacture</li> </ul>

## Application

Tree, Vine & Fruit Crops	21 to 42 fl oz/A; 3 to 4 applications per season
Vegetable Crops	21 to 42 fl oz/A; 3 to 8 applications per season
Field Crops	21 to 42 fl oz/A; 1 to 3 applications per season

TECHNICAL INFORMATION

**Important: Always read and follow label directions.** Plant Response and PRB9 0-3-3 are trademarks of Plant Response, Inc. ©2020 Plant Response, Inc. All rights reserved.

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