

# RAMPART®

Potassium Phosphite

## Cover Your Crops with the Right Recipe for Success - RAMPART® FUNGICIDE

### RAMPART

#### ACTIVE INGREDIENTS:

- Mono and di-potassium salts of Phosphorous Acid .....53%
- pH .....6.3
- Potassium content: (K<sub>2</sub>O) .....25%
- Sodium content: (Na) ..... 0
- Nitrogen content: (N) .....0
- REI .....4 hours

### COMPETITIVE BRAND

#### ACTIVE INGREDIENTS:

- Mono and di-basic sodium potassium and ammonium phosphites ..... 53.6%
- pH .....6.8
- Potassium content: (K<sub>2</sub>O) ..... 12%
- Sodium content: (Na) ..... 5%
- Nitrogen content: (N) ..... 4%
- REI .....4 hours

**RAMPART fungicide** is used for the control of late blight and pink rot on stored potatoes, suppression of downy mildew on brassica leafy vegetables and grapes.

Because of lower pH, **RAMPART** contains more “mono” phosphites than the **COMPETITIVE BRAND**. These are more easily absorbed and have greater fungicidal activity than “di” phosphites.

Mixing 1.67 L of THE **COMPETITIVE BRAND** in 100 L of pure water leads to spray solution with approximately 1000 pm sodium. The same mixture of **RAMPART** contains virtually no sodium. Sodium will compete with potassium for plant uptake. This means Rampart has better uptake and more nutritional value than the **COMPETITIVE BRAND**.

Ammonium salts of phosphorus acid are less stable than the potassium salts. This may lead to loss of activity when mixed with hard water, other agrochemicals, or fertilizers. Ammonium ions released may react with other chemicals to change their activity.

#### Application Prior to Storage of Potato Tubers & Stored Potatoes:

Dilute 190 mL of RAMPART in 1 litre of water. Apply 2 litres of this solution to 1000 kg of harvested or stored potato tubers.