



# PART B

## WATER SOLUBLE FERTILIZER

**2-13-17**

### GUARANTEED ANALYSIS

Total Nitrogen (N) .....	2.0%
2.0% Nitrate nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	13.0%
Soluble Potash (K <sub>2</sub> O) .....	17.0%
Magnesium (Mg) .....	5.0%
Sulfur (S) .....	7.0%

Derived from potassium nitrate, monopotassium phosphate, potassium sulfate, magnesium sulfate. F2681

### GENERAL INFORMATION

Front-Row Ag's water soluble fertilizer program includes PART A, PART B, and BLOOM. These products are intended to be the main constituents of a plant nutrition program. Only by currently using all three fertilizers on actively growing plants can the best results be achieved. Avoid foliar applications of this product when plants are suffering from moisture stress or during periods of high temperature and/or low humidity. If applying as foliar, apply the spray solution to a small test area to determine any undesirable phytotoxic effects.

### MIXING AND HANDLING INSTRUCTIONS

Compatibility: PART B may be applied separately or in conjunction with most pesticides and with other fertilizers. The addition of wetting agents often enhances nutrient uptake. DO NOT use with basic metal sulfates, strongly alkaline materials (such as hydrated lime and lime sulfur), or paraffinic oils. A compatibility test is recommended if the desired combination has not been previously used. Tank mixtures with copper-based products can be phytotoxic due to increased solubility of copper. Before general applications, apply the solution to a small test area of the foliage to determine any undesirable phytotoxic effects.

Mixing: Dissolve the recommended amount of this product into approximately one half the required Reverse Osmosis water. Note: this product must be used at 1.25 – 1.75 pounds per gallon or 569 – 795 grams per gallon of final concentrate volume. Slowly add the remaining water while maintaining constant agitation. Water quality and temperature will determine maximum solubility. Warmer water temperatures increase solubility and shorten dissolving time. As this product goes into solution, the water temperature will drop. Therefore, it is important when preparing concentrated solutions to allow for this temperature drop to ensure that the fertilizer is completely dissolved. DO NOT exceed mass quantity recommended per gallon. Accuracy should be maintained at ± 1 gram.

### RATE RECOMMENDATIONS

Unless otherwise specified, use recommended rates in the following water volumes based on application method. Use sufficient volume to ensure thorough coverage and wetting needed for optimum results.

Concentrate Injection / Dilution: 8-22 mL per gallon.  
Powder: 2-5 grams per gallon (for use directly into reservoir's and feed tanks without making concentrate; for operations without injection).

PART B is recommended for use on (but not limited to) the following crops. Rates other than those suggested below may be applied depending on crop conditions and cultural practices.

Field, Greenhouses, Indoor, Vegetable, Fruit and Nut Crops (such as alfalfa, almonds, apples, apricots, avocados, beans, broccoli, carrots, cauliflower, cherries, citrus, corn, cotton, cucumbers, hemp, lettuce, nectarines, onions, peaches, pears, peas, pecans, peppers, plums, prunes, sorghum, sugar beets, tomatoes, walnuts, and wheat): Apply 2-5 grams per gallon or 8-22 mL per concentrate for every gallon irrigation water and recommended greater than 0.3 gallons of water per sq ft when plants are flowering from inoculation till flushing.

Vine and Berry Crops (such as blueberries, cranberries, grapes, hops, and strawberries): Apply 2-5 grams per gallon or 8-22 mL per concentrate for every gallon irrigation water in early spring or when deficiency symptoms first appear and repeat as needed.

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

WARNING: Causes serious eye irritation. Causes skin irritation



### PRECAUTIONARY STATEMENTS:

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear eye/face protection and protective gloves/-clothing. Do not eat, drink, or smoke when using this product. Wash thoroughly after handling. **FIRST AID:** See SDS sheet. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a doctor. If swallowed: Rinse mouth. Call a doctor if you feel unwell. If inhaled: remove person(s) to fresh air and keep comfortable for breathing. Call a doctor if you feel unwell. If on skin: Wash with plenty of water. If skin irritation occurs, get medical attention. Take off contaminated clothing and wash before reuse. **STORAGE AND DISPOSAL:** Do not contaminate water, food, or feed by storage or disposal. Keep out of reach of children. Store away from incompatible materials. Dispose of contents/container in accordance with local authority requirements.

**WARNING : Cancer and Reproductive Harm**  
- [www.p65Warnings.ca.gov](http://www.p65Warnings.ca.gov)

### LIMITED WARRANTY

Front-Row Ag ("FRA") warrants that the product conforms to the chemical description given on this label and is reasonably fit for the purpose stated when used in accordance with label directions under normal conditions of use. FRA and Seller make no other warranties, express or implied, including warranty of merchantability or fitness for a particular purpose. Buyer and User accept all risks arising from any use of this Product. To the extent allowed by the law, FRA and the Seller shall not be liable to the Buyer or User of this Product for any consequential, special, incidental or indirect damages.

### STORAGE

To store unused fertilizer, remove air and seal bag by folding over and clipping. Humidity may change the consistency of the fertilizer, but not the performance.

### NET WEIGHT

**25 lb / 11.3 kg**

BT/LOT#

DISTRIBUTED BY  **SOLSTICE AG**

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