

# **XLR-rate™** 2-17-17 with MNP

Excel from the start. Accelerate growth.

## GUARANTEED ANALYSIS

|   |       |
|---|-------|
| Total Nitrogen (N).....                                   | 2.0%  |
| 2.0% Urea Nitrogen (N)                                    |       |
| Available Phosphate (P <sub>2</sub> O <sub>5</sub> )..... | 17.0% |
| Soluble Potash (K <sub>2</sub> O) .....                   | 17.0% |
| Boron (B).....  | 0.02% |
| Copper (Cu) .....   | 0.05% |
| 0.05% Chelated Copper (Cu)                                |       |
| Iron (Fe) .....   | 0.10% |
| 0.10% Chelated Iron (Fe)                                  |       |
| Manganese (Mn).....                                       | 0.10% |
| 0.05% Chelated Manganese (Mg)                             |       |
| Zinc (Zn).....  | 0.20% |
| 0.20% Chelated Zinc (Zn)                                  |       |

Derived from: Phosphoric Acid, Potassium Hydroxide, Urea, Diammonium Zinc EDTA, Dipotassium Manganese EDTA, Diammonium Copper EDTA, Iron EDTA and Boric Acid-MEA Compound.

## PROPERTIES

|  |       |
|--|-------|
| Weight per Gallon (lbs. at 68 °F)..... | 11.7  |
| Weight per Quart (lbs. at 68 °F).....  | 2.93  |
| Equilibrium Temperature.....           | 10 °F |
| pH.....                                | 7.4   |

## DIRECTIONS FOR USE

### SOIL APPLICATION

XLR-rate™ 2-17-17 with MNP can be applied to crops by banding in or near the seed row, surface dribble, strip-till, bed placement, irrigation or by other methods. Follow label instructions or use in accordance with recommendations of a qualified individual or institution, such as, but not limited to, a certified crop advisor, agronomist, university crop extension publication, or apply according to recommendations of an approved nutrient management plan.

When XLR-rate™ 2-17-17 with MNP is applied in the seed row (directly on the seed) certain crop and rate restrictions apply. Until local experience is gained, refer to the following table for crop and suggested maximum rate instructions. The use of available "splitter" devices that apply fertilizer to the sides of the v-slot is encouraged. Do not apply directly on the seed in saline, alkali, salty or coarse textured soils. Seed row placement is not recommended for crops not listed in the Recommendations for Seed Row Placement table.

### RECOMMENDATIONS FOR SEED ROW PLACEMENT

| Soil Conditions       |  |                                   |                                 |  |
|-----------------------|--|-----------------------------------|---------------------------------|--|
| Crop                  | CEC <sup>1</sup> : 15 or ><br>OM <sup>2</sup> : 2.5% or> | CEC: 12 - 14.9<br>OM: 2.0 - 2.4 % | CEC: 6 - 11.9<br>OM: 0.6 - 1.9% | CEC: < 6.0<br>OM: < 0.6%   |
|                       | Maximum suggested application rate in gallons per acre   |                                   |                                 |  |
| Corn (30" rows)       | 6  | 5                                 | 4                               | Inquire about<br>row application<br>in soils that fall<br>within this group. |
| Canola                | 6  | 6                                 | 5                               |  |
| Cotton                | 4  | 3                                 | 3                               |  |
| Milo (30" rows)       | 5  | 4                                 | 3                               |  |
| Soybeans Row Spacing: |  |                                   |                                 |  |
| 10" or less           | 5  | 4                                 | 3                               |  |
| 11" to 16"            | 3  | 2                                 | 0                               |  |
| 17" or more           | 0  | 0                                 | 0                               |  |
| Barley, Wheat, Rye    | 12   | 12                                | 10                              |  |
| Oats                  | 6  | 5                                 | 4                               |  |
| Sunflower             | 4  | 3                                 | 3                               |  |
| New Alfalfa           | 6  | 5                                 | 4                               |  |
| Potatoes              | 7  | 7                                 | 7                               |  |
| Sugar Beets           | 4  | 3                                 | 3                               |  |

<sup>1</sup>Cation Exchange Capacity. <sup>2</sup>Organic Matter.

<sup>1</sup>Cation Exchange Capacity. <sup>2</sup>Organic Matter.

## FOLIAR APPLICATION

**Vegetable and Field Crops, Deciduous Fruit and Nut Trees, Grapes, Olives and Citrus:** Apply 1 to 3 gallons per acre in a minimum of 5 gallons of water per acre. Repeat applications may be beneficial. Use of a surfactant may enhance leaf coverage and increase nutrient absorption. Do not apply when the crop is excessively stressed for moisture or during periods of high temperatures. Use the lowest possible volume for thorough coverage with a small droplet size. Optimum foliar application conditions for most crops generally occur during early morning or late evening hours.

Foliar fertilization with primary nutrients will not provide the quantities of nutrients required for normal plant growth. This product may cause foliar burn if applied in higher than recommended rates or concentrations. Use only as a supplement to a regular fertilization program. Foliar fertilization can be an effective remedy for diagnosed plant deficiencies of secondary nutrients and micronutrients, but may cause plant damage if applied at more than recommended rates or concentrations. Use of this product is recommended only as a supplement to a regular fertilization program and only on plants with confirmed secondary nutrient or micronutrient deficiencies.

## MIXING INSTRUCTIONS

XLR-rate™ 2-17-17 with MNP disperses well in water with a minimum of agitation. For best results mix as follows:

1. Partially fill tank with water or fertilizer and start agitation
2. Add XLR-rate™ 2-17-17 with MNP to circulating tank mix.
3. Add other pesticides or nutrients if compatible.
4. Fill tank and agitate thoroughly.

**Warning:** Causes eye, skin irritation. Harmful if inhaled.

**Precaution:** Wear protective gloves and clothing. Do not breathe mists/vapors. Seek medical attention if you feel unwell. Wash thoroughly after handling. If swallowed: seek medical attention if unwell. Remove contaminated clothing and wash before reuse. If in eyes or on skin: Rinse area with plenty of water. Remove contact lenses, if present and easy to do. Continue rinsing. If eye or skin irritation persists: seek medical attention.

**EMERGENCY PHONE:** Chemtrec 1-800-424-9300 (24 hours a day)

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

- ☐ Bulk Shipment
- ☐ Jug: 2.5 U.S. Gallons (9.46 Litres)  
Net Weight: 29.25 Pounds (13.59 kg)
- ☐ Box: 2 x 2.5 U.S. Gallons (2 x 9.46 Litres)  
Net Weight: 58.5 Pounds (26.54 kg)
- ☐ Tote: Net Contents: \_\_\_\_\_  
Net Weight: \_\_\_\_\_



CHS Inc. warrants only that this product conforms to the chemical description on the label and that it is reasonably suited for the purposes stated on the label when used in accordance with the Directions For Use under normal conditions. Since the user's conditions may vary, CHS Inc. and/or the Seller or any other representative of Seller is not authorized to make another warranty claim of any kind, expressed or implied concerning the use of this product. The user assumes all risk of use and handling whether or not in accordance with directions or suggestions. CHS Inc. shall under no circumstances whatsoever be liable for any special, incidental or consequential damages which may arise from such use. All information is given in the best of CHS Inc.'s knowledge and is believed to be accurate. There is no warranty of any type regarding the accuracy of any given statements.