

15-0-0  
CAL-TRATE

PRODUCT NUMBER 79170



BOOST



FORMULA

# 15-0-0

## CAL-TRATE

A BOOST OF CA + MICROS  
FOR STRONG LEAF GROWTH

guaranteed analysis

Total Nitrogen (N) .....	15.0%
1.0% ammoniacal nitrogen	
14.0% nitrate nitrogen	
Calcium (Ca) .....	18.0%
Boron (B) .....	0.015%
Copper (Cu) .....	0.008%
0.008% chelated copper (Cu)	
Iron (Fe) .....	0.08%
0.08% chelated iron (Fe)	
Manganese (Mn) .....	0.04%
0.04% chelated manganese (Mn)	
Molybdenum (Mo) .....	0.008%
Zinc (Zn) .....	0.038%
0.038% chelated zinc (Zn)	

**Derived from:** Ammonium calcium nitrate double salt, boric acid, manganese EDTA, iron EDTA, copper EDTA, zinc EDTA, ammonium molybdate

**Potential Basicity:** 367 lb. of calcium carbonate equivalent (CCE) per ton.

**Limit of Solubility:** 7 lb. per gallon

**ATTENTION:** The application of fertilizer material containing Molybdenum (Mo) may result in forage crops containing levels of Molybdenum (Mo) which are toxic to ruminant animals.

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

F1313

mixing instructions

FOR AN EC OF 0.74 (100 PPM N)

Cal-Trate is a high calcium containing formula that provides a very soluble and available source of calcium coupled with the easy to take up nitrate nitrogen. This formula is also enhanced with a micronutrient package to boost your micronutrient levels or keep them consistent when mixing with different formulations. All forms of nutrients that are used in our Jack's blends are qualified for their purity and availability as well as tested for heavy metal content. Our onsite lab ensures the guaranteed analysis of our products so that you can trust the availability, high efficiency and low heavy metals in your nutrient solutions.

For best results, keep in mind that fertilizer salts dissolve in an endothermic reaction which means that they absorb heat from their surroundings during the process. This is why hot water works best when dissolving high concentrations (over 1 lb. per gallon range). Maximum fertilizer solubilities per gallon of hot water are listed with each formula description.

FOR A CONTINUOUS LIQUID FEED PROGRAM

1 GALLON  
CONCENTRATE

FOR INJECTORS  
AT 1:100:

Mix 9 dry ounces of  
fertilizer per gallon  
of stock

1 GALLON  
READY TO USE

SMALL VOLUME  
MIXING:

Mix 2.5 grams per  
gallon of water as a  
constant liquid feed

100  
GALLONS

FOR A  
LARGE SOLUTION  
RESERVOIR:

Mix 9 dry ounces of  
fertilizer in 100 gallons  
of water as a constant  
liquid feed

\*USEFUL CONVERSIONS:

1 GAL = 3.78 L  
1 TSP = 5 GM

elemental concentration

Element	100 ppm N solution contains the following elemental ppm:
	ppm
Total Nitrogen (N)	100.0
Nitrate - N (NO <sub>3</sub> )	93.0
Ammonium - N (NH <sub>4</sub> )	7.0
Urea - N	0.0
Phosphorus (P)	0.0
Available Phosphate (P <sub>2</sub> O <sub>5</sub> )	0.0
Potassium (K)	0.0
Soluble Potash (K <sub>2</sub> O)	0.0
Calcium (Ca)	120.0
Magnesium (Mg)	0.0
Sulfur (S)	0.0
Boron (B)	0.10
Copper (Cu)	0.05
Iron (Fe)	0.50
Manganese (Mn)	0.25
Molybdenum (Mo)	0.05
Zinc (Zn)	0.25



NET WT. 25 LB. (11.34 KG)

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