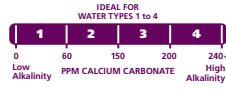


Peters Excel®

SKU# E99160, G99160



MAGNITRATE SPECIAL

A premium choice for all crops that require supplemental magnesium.

- C (Customizing) component provides steady nitrogen uptake
- Effective for all Water Types
- Contains a complete range of essential micronutrients

GUARANTEED ANALYSIS 10-0-0

Total nitrogen (N)	10%
10% nitrate nitrogen	
Magnesium (Mg)	9.0%
9.0% water soluble magnesium (Mg)	
Boron (B)	0.0125%
Copper (Cu)	0.0125%
0.0125% water soluble copper (Cu)	
Iron (Fe)	0.05%
0.05% chelated iron (Fe)	
Manganese (Mn)	0.025%
0.025% water soluble manganese (Mn)	
Molybdenum (Mo)	0.005%
Zinc (Zn)	0.025%
0.025% water soluble zinc (Zn)	

Derived from: Magnesium Nitrate, Boric Acid, Copper Sulfate, Iron EDTA, Manganese Sulfate, Ammonium Molybdate, Zinc Sulfate

MIXING FOR WATERING CANS, SPRAY TANKS (NO INJECTORS)		
Amount of Fertilizer*	+ Amount of Water (gallons)	= Approx. ppm N
1 tsp	3	35
1 tbsp	10	31
1 cup	100	50

*level measurements

1 pound of fertilizer + 100 gallons of water = 179.8 ppm N

PRODUCT PROPERTIES	
Potential Basicity	357 lbs calcium carbonate equivalent per ton
Conductivity of 100 ppm N	0.70 mmhos/cm
Maximum Solubility	5 lbs/gal

WEIGHT (IN OUNCES) OF PRODUCT NEEDED TO MIX ONE GALLON OF CONCENTRATE						
Target Fertilizer Concentration (N/ppm) After Dilution	Common Injector Ratios					EC (mmhos/cm) of Target Feed Rate After Dilution
	1:15	1:100	1:128	1:200	1:300	
25	0.5	3.4	4.3	6.8	10.1	0.18
50	1.0	6.8	8.6	13.5	20.3	0.35
75	1.5	10.1	13.0	20.3	30.4	0.53
100	2.0	13.5	17.3	27.0	40.5	0.70
125	2.5	16.9	21.6	33.8	50.6	0.88
150	3.0	20.3	25.9	40.5	60.8	1.05
175	3.5	23.6	30.2	47.3	70.9	1.23
200	4.1	27.0	34.6	54.0	***	1.40
250	5.1	33.8	43.2	67.5	***	1.75
300	6.1	40.5	51.8	***	***	2.10
350	7.1	47.3	60.5	***	***	2.45
400	8.1	54.0	69.1	***	***	2.80
450	9.1	60.8	77.8	***	***	3.15
500	10.1	67.5	***	***	***	3.50
600	12.2	***	***	***	***	4.20

*** Exceeds maximum solubility.

GALLONS OF WATER REQUIRED TO DISSOLVE ONE 25 LB BAG OF FERTILIZER						
Target Fertilizer Concentration (N/ppm) After Dilution	Injector Ratios					EC (mmhos/cm) of Target Feed Rate After Dilution
	1:15	1:100	1:128	1:200	1:300	
25	790.1	118.5	92.6	59.3	39.5	0.18
50	395.1	59.3	46.3	29.6	19.8	0.35
75	263.4	39.5	30.9	19.8	13.2	0.53
100	197.5	29.6	23.1	14.8	9.9	0.70
125	158.0	23.7	18.5	11.9	7.9	0.88
150	131.7	19.8	15.4	9.9	6.6	1.05
175	112.9	16.9	13.2	8.5	5.6	1.23
200	98.8	14.8	11.6	7.4	***	1.40
250	79.0	11.9	9.3	5.9	***	1.75
300	65.8	9.9	7.7	***	***	2.10
350	56.4	8.5	6.6	***	***	2.45
400	49.4	7.4	5.8	***	***	2.80
450	43.9	6.6	5.1	***	***	3.15
500	39.5	5.9	***	***	***	3.50
600	32.9	***	***	***	***	4.20

*** Exceeds maximum solubility.