

**PLANTING TREFOIL** Crop Code: 1024**Standard Message:****Lime and Magnesium Recommendation:**

pH Goal: 6.5 See Table 1 for lime recommendations based on target pH

Opt soil test Mg (ppm): 60 See Table 2 for Mg recommendations based on optimum soil test Mg

**Nitrogen Recommendation (lb N/A):**

Yield Goal ( T/A )				
1	1.5	2	2.5	3
0	0	0	0	0

**Phosphorus Recommendation (lb P<sub>2</sub>O<sub>5</sub>/A):**

(Optimum soil test P: 30 - 50 ppm)

Soil test P (ppm)	Yield Goal ( T/A )				
	1	1.5	2	2.5	3
0	170	180	185	190	200
5	140	150	160	170	170
10	120	130	130	140	150
15	90	100	110	120	120
20	70	70	80	90	100
25	40	50	60	60	70
30	20	20	30	40	50
35	10	20	20	30	30
40	10	10	20	20	20
45	0	10	10	10	10
50	0	0	0	0	0

**Phosphorus Message(s)**

When soil test P is greater than 300 ppm:

Very high P may lead to crop production or feed quality problems and may result in P loss to the environment.

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## Potassium Recommendation (lb K<sub>2</sub>O/A):

(Optimum soil test K: 100 - 200 ppm)

Soil test K (ppm)	Yield Goal ( T/A )				
	1	1.5	2	2.5	3
0	120	140	160	180	200
10	110	130	150	170	190
20	100	120	140	160	180
30	100	120	140	160	180
40	90	110	130	150	170
50	80	100	120	140	160
60	70	90	110	130	150
70	60	80	100	120	140
80	60	80	100	120	140
90	50	70	90	110	130
100	40	60	80	100	120
110	40	50	70	90	110
120	30	50	60	80	100
130	30	40	60	70	80
140	20	40	50	60	70
150	20	30	40	50	60
160	20	20	30	40	50
170	10	20	20	30	40
180	10	10	20	20	20
190	0	10	10	10	10
200	0	0	0	0	0

### Potassium Message(s) :

When soil test K is greater than 200 ppm and less than 400 ppm K:

Very high K can lead to imbalances in forages which can cause serious health problems in animals. (See Back).

When soil test K is greater than or equal to 400 ppm:

Very high K can lead to dangerous nutrient imbalances in forage crops which can cause serious health problems in animals (See Back).