

PLANTING CROWNVEETCH (NO-TILL) Crop Code: 1031**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)				
2.5	2.5	3	3.5	4
0	0	0	0	0

Phosphorus Recommendation (lb P₂O₅/A):*(Optimum soil test P: 30 - 50 ppm)*

Soil test P (ppm)	Yield Goal (T/A)				
	2.5	2.5	3	3.5	4
0	185	185	190	195	200
5	160	160	160	170	170
10	130	130	140	140	150
15	110	110	110	120	120
20	80	80	80	90	90
25	50	50	60	60	70
30	30	30	30	40	40
35	20	20	20	30	30
40	10	10	20	20	20
45	10	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 K₂O/A):

(Optimum soil test K: 100 - 200 ppm)

Soil test K (ppm)	Yield Goal (T/A)				
	2.5	2.5	3	3.5	4
0	190	190	210	230	250
10	180	180	200	220	240
20	170	170	190	210	230
30	160	160	180	200	220
40	150	150	170	190	210
50	150	150	170	190	210
60	140	140	160	180	200
70	130	130	150	170	190
80	120	120	140	160	180
90	110	110	130	150	170
100	100	100	120	140	160
110	90	90	110	130	140
120	80	80	100	110	130
130	70	70	80	100	110
140	60	60	70	80	100
150	50	50	60	70	80
160	40	40	50	60	60
170	30	30	40	40	50
180	20	20	20	30	30
190	10	10	10	10	20

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).