

**OATS** Crop Code: 1059**Standard Message:**

You must account for residual N from previous manure applications if any.

**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 ( Bu/A )				
60	75	90	105	120
50	60	70	85	100

**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 ( Bu/A )				
	60	75	90	105	120
0	110	120	130	140	150
5	100	110	120	130	140
10	90	100	110	120	140
15	80	90	110	120	130
20	70	90	100	110	120
25	60	80	90	100	120
30	50	70	80	90	110
35	40	50	60	70	80
40	30	30	40	50	50
45	10	20	20	20	30
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.

**OATS** Crop Code: 1059**Potassium Recommendation (lb K<sub>2</sub>O/A):**

(Optimum soil test K: 100 - 150 ppm)

Soil test K (ppm)	Yield Goal ( Bu/A )				
	60	75	90	105	120
0	170	190	210	230	250
10	160	180	200	220	240
20	150	170	200	220	240
30	150	170	190	210	230
40	140	160	180	200	220
50	130	150	170	190	220
60	120	140	170	190	210
70	110	140	160	180	200
80	110	130	150	170	190
90	100	120	140	160	190
100	90	110	140	160	180
110	70	90	110	130	140
120	50	70	80	90	110
130	40	50	50	60	70
140	20	20	30	30	40
150	0	0	0	0	0
160					
170					
180					
190					
200					

**Potassium Message(s) :**

When soil test K is greater than 200 ppm:

Very high K can lead to imbalances in forage crops grown later in the rotation which can cause serious health problems in animals

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