

SPRING BARLEY Crop Code: 1068**Standard Message:**

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

Lime and Magnesium Recommendation:

pH Goal: 7.0

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	70	80	90	100
45	55	65	75	85

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 30 - 50 ppm)

Soil test P (ppm)	Yield Goal (Bu/A)				
	60	70	80	90	100
0	110	120	130	140	150
5	100	110	120	130	140
10	90	90	100	110	120
15	70	80	90	100	110
20	60	70	80	80	90
25	50	60	60	70	80
30	40	40	50	50	60
35	30	30	40	40	50
40	20	20	20	30	30
45	10	10	10	10	20
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.

SPRING BARLEY Crop Code: 1068**Potassium Recommendation (lb K₂O/A):**

(Optimum soil test K: 100 - 150 ppm)

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

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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