

**WINTER BARLEY** Crop Code: 1060**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 )				
50	70	90	110	130
40	55	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 )				
	50	70	90	110	130
0	110	120	130	140	150
5	100	110	120	130	140
10	80	90	100	120	130
15	70	80	90	100	110
20	60	70	80	90	100
25	40	60	70	80	90
30	30	40	50	70	80
35	20	30	40	50	60
40	20	20	30	30	40
45	10	10	10	20	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.

# WINTER BARLEY

Crop Code: 1060

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

(Optimum soil test K: 100 - 150 ppm)

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