

BARLEY/SOYBEAN DOUBLE CROP Crop Code: 1050

Standard Message:

N RECOMMENDATIONS ARE FOR BARLEY CROP. N applications should be topdressed in the early spring or split with a small amount at planting and the balance topdressed in the early spring. Account for residual N from previous manure applications if any. No N recommended on soybeans.

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)				
50	70	90	110	130
40	55	70	85	100

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 30 - 50 ppm)

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

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Potassium Recommendation (lb K₂O/A):

(Optimum soil test K: 100 - 200 ppm)

Soil test K (ppm)	Yield Goal (Bu/A)				
	50	70	90	110	130
0	140	180	220	260	300
10	140	180	220	260	300
20	130	170	210	250	290
30	130	170	210	250	290
40	130	170	210	250	290
50	120	160	200	250	290
60	120	160	200	240	280
70	120	160	200	240	280
80	110	150	200	240	280
90	110	150	190	230	280
100	110	150	190	230	270
110	80	120	150	180	220
120	60	90	110	140	160
130	40	60	80	90	110
140	20	30	40	50	50
150	0	0	0	0	0
160	0	0	0	0	0
170	0	0	0	0	0
180	0	0	0	0	0
190	0	0	0	0	0
200	0	0	0	0	0

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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