

SOYBEANS Crop Code: 1064**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 (Bu/A)				
40	50	60	70	80
0	0	0	0	0

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

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

SOYBEANS Crop Code: 1064**Potassium Recommendation (lb K₂O/A):**

(Optimum soil test K: 100 - 150 ppm)

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