

SUNFLOWERS Crop Code: 1071**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 (CWT/)				
10	15	20	25	30
70	70	70	70	70

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

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

SUNFLOWERS Crop Code: 1071**Potassium Recommendation (lb K₂O/A):**

(Optimum soil test K: 100 - 150 ppm)

Soil test K (ppm)	Yield Goal (CWT/)				
	10	15	20	25	30
0	160	170	180	190	200
10	150	160	170	170	180
20	130	140	150	160	170
30	120	130	140	140	150
40	100	110	120	130	140
50	90	100	110	110	120
60	70	80	90	100	110
70	60	70	80	80	90
80	40	50	60	70	80
90	30	40	50	50	60
100	20	20	30	40	50
110	10	20	20	30	40
120	10	10	20	20	30
130	10	10	10	20	20
140	0	0	10	10	10
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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