

SORGHUM FOR FORAGE Crop Code: 1063

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): 120

See Table 2 for Mg recommendations based on optimum soil test Mg

Note: Special Mg recommendation is made for this crop when soil test K is greater than 200 ppm. See Table 2

Nitrogen Recommendation (lb N/A):

Yield Goal (T/A)				
15	19	23	27	31
100	130	160	190	220

Phosphorus Recommendation (lb P2O5/A):

(Optimum soil test P: 30 -50 ppm)

Soil test P (ppm)	Yield Goal (T/A)				
	15	19	23	27	31
0	120	140	160	180	200
5	110	130	150	170	190
10	110	130	150	170	190
15	100	120	140	160	180
20	90	110	130	150	170
25	80	100	120	140	160
30	80	100	120	140	160
35	60	70	90	100	120
40	40	50	60	70	80
45	20	20	30	30	40
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 (T/A)				
	15	19	23	27	31
0	240	280	320	360	400
10	230	270	310	350	390
20	230	270	310	350	390
30	220	260	300	340	380
40	210	250	290	330	380
50	200	240	290	330	370
60	200	240	280	320	360
70	190	230	270	320	360
80	180	220	270	310	350
90	170	220	260	300	350
100	170	210	250	300	340
110	150	190	230	270	310
120	130	170	200	240	270
130	120	150	180	210	240
140	100	130	150	180	200
150	80	100	130	150	170
160	70	80	100	120	140
170	50	60	80	90	100
180	30	40	50	60	70
190	20	20	30	30	30
200	0	0	0	0	0

Potassium Message(s) :

When soil test K is greater than 200 ppm and less than 400 ppm K:

Very high K can lead to imbalances in forages which can cause serious health problems in animals. (See Back).

When soil test K is greater than or equal to 400 ppm:

Very high K can lead to dangerous nutrient imbalances in forage crops which can cause serious health problems in animals (See Back).