

SORGHUM-SUDANGRASS Crop Code: 1067**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	18	21	24	27
120	140	160	180	200

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

Soil test P (ppm)	Yield Goal (T/A)				
	15	18	21	24	27
0	120	140	160	180	200
5	120	140	160	180	200
10	120	140	160	180	200
15	110	130	150	170	190
20	110	130	150	170	190
25	110	130	150	170	190
30	110	130	150	170	190
35	80	90	110	130	140
40	50	60	70	80	90
45	30	30	40	40	50
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	18	21	24	27
0	320	340	360	380	400
10	300	320	340	360	380
20	280	300	320	340	360
30	260	280	300	320	340
40	230	250	270	300	320
50	210	230	250	270	290
60	190	210	230	250	270
70	170	190	210	230	250
80	150	170	190	210	230
90	130	150	170	190	210
100	110	130	150	170	190
110	90	110	130	150	170
120	80	100	120	130	150
130	70	90	100	120	130
140	60	80	90	100	110
150	50	60	70	80	90
160	40	50	60	70	80
170	30	40	40	50	60
180	20	30	30	30	40
190	10	10	10	20	20
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).