

SUDANGRASS Crop Code: 1066**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)				
1	2	3	4	5
50	50	50	100	100

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

Soil test P (ppm)	Yield Goal (T/A)				
	1	2	3	4	5
0	160	170	180	190	200
5	140	150	160	170	180
10	110	120	140	150	160
15	90	100	110	130	140
20	60	80	90	100	120
25	40	50	70	80	100
30	20	30	50	60	80
35	10	20	30	50	60
40	10	20	20	30	40
45	0	10	10	20	20
50					

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.

SUDANGRASS Crop Code: 1066**Potassium Recommendation (lb K₂O/A):***(Optimum soil test K: 100 - 200 ppm)*

Soil test K (ppm)	Yield Goal (T/A)				
	1	2	3	4	5
0	240	280	320	360	400
10	220	260	300	340	380
20	200	240	280	320	370
30	180	220	260	310	350
40	160	200	250	290	330
50	140	190	230	270	310
60	120	170	210	250	300
70	100	150	190	230	280
80	80	130	170	220	260
90	60	110	150	200	240
100	50	90	140	180	230
110	40	80	120	160	200
120	40	70	110	140	180
130	30	60	90	130	160
140	30	50	80	110	140
150	20	50	70	90	110
160	20	40	50	70	90
170	10	30	40	50	70
180	10	20	30	40	50
190	0	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).