

PLANTING WARM SEASON GRASSES Crop Code: 1077

Standard Message:

Do not apply any N at seeding unless an herbicide is used to control competition from other grasses or weeds. Once the stand is well established N can be applied. Recommended Limestone, phosphorus (P) and potassium (K) should be applied before planting.

Lime and Magnesium Recommendation:

pH Goal: 6.0

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	50	50

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 15 - 30 ppm)

Soil test P (ppm)	Yield Goal (T/A)				
	1	2	3	4	5
0	60	65	70	75	80
5	40	50	50	60	60
10	20	30	30	40	40
15	10	10	20	20	30
20	0	10	10	10	20
25	0	0	10	10	10
30	0	0	0	0	0
35	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
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: 50 - 100 ppm)

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