

ESTABLISHED WARM SEASON GRASSES Crop Code: 1078**Standard Message:**

Apply one half of the recommended N in mid-May after green-up and the other half after first cutting. For grazing only apply the second N application if the forage will be used.

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)				
3	4	5	6	7
100	100	100	100	100

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 15 - 30 ppm)

Soil test P (ppm)	Yield Goal (T/A)				
	3	4	5	6	7
0	60	65	70	75	80
5	50	50	60	60	70
10	30	40	40	50	50
15	20	20	30	30	40
20	10	10	20	20	20
25	10	10	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)				
	3	4	5	6	7
0	60	70	80	90	100
10	60	70	80	90	100
20	50	60	70	80	90
30	50	60	70	80	90
40	40	50	60	80	90
50	40	50	60	70	80
60	30	40	50	50	60
70	20	20	30	40	40
80	10	10	20	20	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).