

ESTABLISHED BLUEGRASS Crop Code: 1010**Standard Message:**

For optimum efficiency, the recommended N should be split and applied separately for each harvest, cutting or grazing. As a guide, apply 40 lb N/A per ton of expected yield for each harvest. Any recommended P and K can be applied after first harvest or in the fall.

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	1	2	3	4
40	40	80	120	160

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 30 -50 ppm)

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