

ESTABLISHED -ALFALFA GRASS Crop Code: 1072

Standard Message:

Apply fertilizer after first cutting or, for large recommendations, split after first cutting and in the fall.
Apply 2 lbs boron per acre with the fertilizer.

Lime and Magnesium Recommendation:

pH Goal: 7.0 See Table 1 for lime recommendations based on target pH

Opt soil test Mg (ppm): 60 See Table 2 for Mg recommendations based on optimum soil test Mg

Nitrogen Recommendation (lb N/A):

Yield Goal (T/A)				
4	5	6	7	8
0	0	0	0	0

Phosphorus Recommendation (lb P2O5/A):

(Optimum soil test P: 30 -50 ppm)

Soil test P (ppm)	Yield Goal (T/A)				
	4	5	6	7	8
0	170	185	200	215	230
5	150	170	180	200	210
10	130	150	160	180	190
15	120	130	150	160	180
20	100	110	130	140	160
25	80	90	110	120	140
30	60	80	90	110	120
35	50	60	70	80	90
40	30	40	50	50	60
45	20	20	20	30	30
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)				
	4	5	6	7	8
0	250	300	350	400	450
10	250	300	350	400	450
20	240	290	340	390	440
30	240	290	340	390	440
40	230	280	330	380	430
50	230	280	330	380	430
60	220	270	320	370	420
70	220	270	320	370	420
80	210	260	310	360	410
90	210	260	310	360	410
100	200	250	300	350	400
110	180	230	270	320	360
120	160	200	240	280	320
130	140	180	210	250	280
140	120	150	180	210	240
150	100	130	150	180	200
160	80	100	120	140	160
170	60	80	90	110	120
180	40	50	60	70	80
190	20	30	30	40	40
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).