

PLANTING ORCHARDGRASS Crop Code: 1040

Standard Message:

For optimum efficiency, the recommended N should be split and applied separately for each cutting. As a guide, apply 50 lb N/A per ton of expected yield for each cutting. Any recommended P and K can be applied after first cutting 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	2	3	4	5
50	100	150	200	250

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	140	155	170	185	200
5	120	130	150	160	180
10	100	110	130	140	160
15	80	90	110	120	140
20	60	70	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	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.

Potassium Recommendation (lb K₂O/A):

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(Optimum soil test K: 100 - 200 ppm)

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