

WILDLIFE FOOD PLOTS Crop Code: 1056

Standard Message:

Nitrogen (N) recommendations: For non-legumes such as corn, small grains, grasses, brassicas, etc. or for mixtures that contain substantial amounts of non-legumes, apply 75 lb N/A at planting time. Up to 20 lb/A of the recommended N can be applied with a similar amount of phosphorus (P) and potassium (K) at seeding as a starter fertilizer.

On poor soils with low fertility and low organic matter levels or on highly productive soils where higher yield is desired, increase the rate to 75-100 lb N/A. When following a legume the previous year or if manure is applied, reduce the rate to 50-75 lb N/A.

For legumes such as Alfalfa, Clover, Trefoil, or Soybeans or mixtures that are largely legumes, no N should be applied. Be sure to properly inoculate legume seed before planting.

Lime and Magnesium Recommendation:

pH Goal: 6.5

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 ()				
NA	NA	NA	NA	NA
See Below	See Below	See Below	See Below	See Below

Phosphorus Recommendation (lb P₂O₅/A):

(Optimum soil test P: 30 -50 ppm)

Soil test P (ppm)	Yield Goal ()				
	NA	NA	NA	NA	NA
0	120	120	120	120	120
5	100	100	100	100	100
10	90	90	90	90	90
15	70	70	70	70	70
20	50	50	50	50	50
25	40	40	40	40	40
30	20	20	20	20	20
35	20	20	20	20	20
40	10	10	10	10	10
45	10	10	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 phosphorus 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 ()				
	NA	NA	NA	NA	NA
0	150	150	150	150	150
10	140	140	140	140	140
20	120	120	120	120	120
30	110	110	110	110	110
40	100	100	100	100	100
50	90	90	90	90	90
60	70	70	70	70	70
70	60	60	60	60	60
80	50	50	50	50	50
90	30	30	30	30	30
100	20	20	20	20	20
110	20	20	20	20	20
120	10	10	10	10	10
130	10	10	10	10	10
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:

Very high K may lead to crop production or feed quality problems for the current crop or other crops in the rotation. (See Back).