

CORN FOR GRAIN (NO-TILL) Crop Code:1044**Standard Message:****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 (Bu/A)				
110	150	190	230	270
110	150	190	230	270

Phosphorus Recommendation (lb P₂O₅/A):*(Optimum soil test P: 30-50 ppm)*

Soil test P (ppm)	Yield Goal (Bu/A)				
	110	150	190	230	270
0	110	130	150	170	190
5	100	120	140	160	180
10	90	110	130	140	160
15	80	100	110	130	150
20	70	80	100	120	140
25	60	70	90	110	120
30	40	60	80	90	110
35	30	50	60	70	80
40	20	30	40	50	50
45	10	20	20	20	30
50	0	0	0	0	0

Phosphorus Message(s) :

When soil test P is less than 50 ppm:

Use a starter fertilizer.

When soil test P is greater than or equal to 50 ppm P and less than 300 ppm P:

A starter fertilizer is probably not necessary.

When soil test P is greater than or equal to 300 ppm P:

A starter fertilizer is probably not necessary.

Very high P may lead to crop production or feed quality problems and may result in P loss to the environment.

CORN FOR GRAIN (NO-TILL) Crop Code:1044**Potassium Recommendation (lb K₂O/A):***(Optimum soil test K: 100 150 ppm)*

Soil test K (ppm)	Yield Goal (Bu/A)				
	110	150	190	230	270
0	180	190	200	210	220
10	170	180	190	200	210
20	150	160	170	180	190
30	140	150	160	170	180
40	120	130	140	150	160
50	110	120	130	140	150
60	90	100	110	130	140
70	80	90	100	110	120
80	60	70	90	100	110
90	50	60	70	80	90
100	30	50	60	70	80
110	30	40	50	60	60
120	20	30	30	40	50
130	10	20	20	30	30
140	10	10	10	10	20
150	0	0	0	0	0
160					
170					
180					
190					
200					

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).