CORN FOR SILAGE **Crop Code:** 1043

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 (T/A)				
17	**22**	**27**	**33**	**38**
120	160	200	240	280

Phosphorus Recommendation (lb P2O5/A):

(Optimum soil test P: 30-50 ppm)

Soil test P (ppm)	Yield Goal (T/A)				
	17	**22**	**27**	**33**	**38**
0	140	160	180	200	220
5	130	150	170	190	210
10	120	140	160	180	200
15	100	120	140	170	190
20	90	110	130	150	170
25	80	100	120	140	160
30	70	90	110	130	150
35	50	70	80	100	110
40	30	40	50	70	80
45	20	20	30	30	40
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.

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Potassium Recommendation (lb K2O/A):
(Optimum soil test K: 100 200 ppm)

Soil test K (ppm)	Yield Goal (T/A)				
	17	**22**	**27**	**33**	**38**
0	280	320	360	410	450
10	270	310	350	400	440
20	250	290	330	380	420
30	240	280	320	370	410
40	220	260	300	350	390
50	210	250	290	340	380
60	190	230	270	320	360
70	180	220	260	310	350
80	160	200	240	290	330
90	150	190	230	280	320
100	140	180	220	260	300
110	120	160	190	240	270
120	110	140	170	210	240
130	100	120	150	180	210
140	80	110	130	160	180
150	70	90	110	130	150
160	50	70	90	110	120
170	40	50	60	80	90
180	30	40	40	50	60
190	10	20	20	30	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).