

# SMALL GRAIN SILAGE Crop Code: 1051

## Standard Message:

IMPORTANT: N should be topdressed in the spring or split applied with a small amount in the fall at planting and the balance topdressed in early spring.

## 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 )				
4	6	8	10	12
60	90	120	150	180

## Phosphorus Recommendation (lb P<sub>2</sub>O<sub>5</sub>/A):

(Optimum soil test P: 30 - 50 ppm)

Soil test P (ppm)	Yield Goal ( T/A )				
	4	6	8	10	12
0	110	120	130	140	150
5	100	110	120	130	140
10	80	90	110	120	130
15	70	80	90	110	120
20	60	70	80	90	110
25	40	60	70	80	100
30	30	40	60	70	80
35	20	30	40	50	60
40	10	20	30	40	40
45	10	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.

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## Potassium Recommendation (lb K<sub>2</sub>O/A):

(Optimum soil test K: 100 - 200 ppm)

Soil test K (ppm)	Yield Goal ( T/A )				
	4	6	8	10	12
0	200	250	300	350	400
10	190	240	290	340	390
20	180	230	280	330	380
30	170	220	270	320	370
40	160	210	260	310	360
50	150	200	250	310	360
60	140	190	240	300	350
70	130	180	240	290	340
80	120	170	230	280	330
90	110	170	220	270	320
100	100	160	210	260	310
110	90	140	190	230	280
120	80	120	170	210	250
130	70	110	150	180	220
140	60	90	120	160	190
150	50	80	100	130	160
160	40	60	80	100	120
170	30	50	60	80	90
180	20	30	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:

Very high K can lead to imbalances in forage crops grown later in the rotation which can cause serious health problems in animals

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