

**PLANTING BLUEGRASS** Crop Code: 1038**Standard Message:**

For optimum efficiency, the recommended N should be split and applied separately for each cutting. As a guide, apply 40 lb N/A per ton of expected yield for each cutting. Recommended Limestone, phosphorus (P) and potassium (K) should be applied 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): 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                  | 1  | 1.5 | 2  | 2  |
| 40                 | 40 | 60  | 80 | 80 |

**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 ) |     |     |     |     |
|-------------------|--------------------|-----|-----|-----|-----|
|                   | 1                  | 1   | 1.5 | 2   | 2   |
| 0                 | 120                | 120 | 125 | 130 | 130 |
| 5                 | 100                | 100 | 110 | 110 | 110 |
| 10                | 80                 | 80  | 90  | 90  | 90  |
| 15                | 70                 | 70  | 70  | 80  | 80  |
| 20                | 50                 | 50  | 50  | 60  | 60  |
| 25                | 30                 | 30  | 30  | 40  | 40  |
| 30                | 10                 | 10  | 20  | 20  | 20  |
| 35                | 10                 | 10  | 10  | 20  | 20  |
| 40                | 10                 | 10  | 10  | 10  | 10  |
| 45                | 0                  | 0   | 0   | 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 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<br>(ppm) | Yield Goal ( T/A ) |     |     |     |     |
|----------------------|--------------------|-----|-----|-----|-----|
|                      | 1                  | 1   | 1.5 | 2   | 2   |
| 0                    | 120                | 120 | 130 | 140 | 140 |
| 10                   | 110                | 110 | 120 | 130 | 130 |
| 20                   | 100                | 100 | 110 | 120 | 120 |
| 30                   | 90                 | 90  | 100 | 120 | 120 |
| 40                   | 80                 | 80  | 100 | 110 | 110 |
| 50                   | 80                 | 80  | 90  | 100 | 100 |
| 60                   | 70                 | 70  | 80  | 90  | 90  |
| 70                   | 60                 | 60  | 70  | 80  | 80  |
| 80                   | 50                 | 50  | 60  | 80  | 80  |
| 90                   | 40                 | 40  | 50  | 70  | 70  |
| 100                  | 30                 | 30  | 50  | 60  | 60  |
| 110                  | 30                 | 30  | 40  | 50  | 50  |
| 120                  | 20                 | 20  | 40  | 50  | 50  |
| 130                  | 20                 | 20  | 30  | 40  | 40  |
| 140                  | 20                 | 20  | 30  | 40  | 40  |
| 150                  | 20                 | 20  | 20  | 30  | 30  |
| 160                  | 10                 | 10  | 20  | 20  | 20  |
| 170                  | 10                 | 10  | 10  | 20  | 20  |
| 180                  | 10                 | 10  | 10  | 10  | 10  |
| 190                  | 0                  | 0   | 0   | 10  | 10  |
| 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).