

# HOME LAWN-TO PLANT Crop Code:2101

**Lime Recommendation:** See Table 1 for lime recommendations based on pH goal

Grass Species	pH goal	Grass Species	pH goal
Annual Bluegrass	6.5	Kentucky Bluegrass	6.5
Bentgrass	6.5	Perennial Ryegrass	6.5
Fine Fescues	6.5	Tall Fescue	6.5

## Starter Fertilizer:

At time of planting, use ONE of the starter materials listed below at the recommended rate. Apply once just prior to seeding to the soil surface.

<u>Starter fertilizer*</u>	<u>Rate of fertilizer product (lb per 1000 square feet)</u>
18-6-6	5.5
13-13-13	7.5
10-10-10	10.0
10-6-4	10.0
7-5-5	14.0

\*Select only one of the above fertilizers. If you can not find any of the fertilizers listed above, select a fertilizer with an analysis close to one of those listed.

## Phosphorus Recommendation (lb P<sub>2</sub>O<sub>5</sub>/1000 sq ft):

(Optimum soil test P: 75 - 110 ppm)

Soil test P (ppm)	P <sub>2</sub> O <sub>5</sub> lb/1000 sq ft	Triple super (0-46-0) or super (0-23-0) phosphate needed to supply P <sub>2</sub> O <sub>5</sub> required
0	11	24 lb/1000 square feet of triple superphosphate (0-46-0) or 48 lb/1000 square feet of super phosphate (0-23-0)
5	11	24 lb/1000 square feet of triple superphosphate (0-46-0) or 48 lb/1000 square feet of super phosphate (0-23-0)
10	11	24 lb/1000 square feet of triple superphosphate (0-46-0) or 48 lb/1000 square feet of super phosphate (0-23-0)
15	11	24 lb/1000 square feet of triple superphosphate (0-46-0) or 48 lb/1000 square feet of super phosphate (0-23-0)
20	11	24 lb/1000 square feet of triple superphosphate (0-46-0) or 48 lb/1000 square feet of super phosphate (0-23-0)
25	9	22 lb/1000 square feet of triple superphosphate (0-46-0) or 43 lb/1000 square feet of super phosphate (0-23-0)
30	9	22 lb/1000 square feet of triple superphosphate (0-46-0) or 43 lb/1000 square feet of super phosphate (0-23-0)
35	8	17 lb/1000 square feet of triple superphosphate (0-46-0) or 35 lb/1000 square feet of super phosphate (0-23-0)
40	8	17 lb/1000 square feet of triple superphosphate (0-46-0) or 35 lb/1000 square feet of super phosphate (0-23-0)
45	7	15 lb/1000 square feet of triple superphosphate (0-46-0) or 30 lb/1000 square feet of super phosphate (0-23-0)
50	7	15 lb/1000 square feet of triple superphosphate (0-46-0) or 30 lb/1000 square feet of super phosphate (0-23-0)
55	5	9 lb/1000 square feet of triple superphosphate (0-46-0) or 22 lb/1000 square feet of super phosphate (0-23-0)
60	5	9 lb/1000 square feet of triple superphosphate (0-46-0) or 22 lb/1000 square feet of super phosphate (0-23-0)
65	5	9 lb/1000 square feet of triple superphosphate (0-46-0) or 22 lb/1000 square feet of super phosphate (0-23-0)
70	5	9 lb/1000 square feet of triple superphosphate (0-46-0) or 22 lb/1000 square feet of super phosphate (0-23-0)
75	0	

## Potassium Recommendation (lb K<sub>2</sub>O/1000 sq ft):

(Optimum soil test K: 140 - 200 ppm)

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Soil test K (ppm)	K <sub>2</sub> O lb/1000 sq ft	Muriate or sulfate of potash needed to supply K <sub>2</sub> O required.
0	6	10 lb/1000 square feet of muriate of potash (0-0-60) or 12 lb/1000 square feet of sulfate of potash (0-0-50).
10	6	10 lb/1000 square feet of muriate of potash (0-0-60) or 12 lb/1000 square feet of sulfate of potash (0-0-50).
20	6	10 lb/1000 square feet of muriate of potash (0-0-60) or 12 lb/1000 square feet of sulfate of potash (0-0-50).
30	6	10 lb/1000 square feet of muriate of potash (0-0-60) or 12 lb/1000 square feet of sulfate of potash (0-0-50).
40	6	10 lb/1000 square feet of muriate of potash (0-0-60) or 12 lb/1000 square feet of sulfate of potash (0-0-50).
50	5	8 lb/1000 square feet of muriate of potash (0-0-60) or 10 lb/1000 square feet of sulfate of potash (0-0-50).
60	5	8 lb/1000 square feet of muriate of potash (0-0-60) or 10 lb/1000 square feet of sulfate of potash (0-0-50).
70	4	7 lb/1000 square feet of muriate of potash (0-0-60) or 8 lb/1000 square feet of sulfate of potash (0-0-50).
80	4	7 lb/1000 square feet of muriate of potash (0-0-60) or 8 lb/1000 square feet of sulfate of potash (0-0-50).
90	4	7 lb/1000 square feet of muriate of potash (0-0-60) or 8 lb/1000 square feet of sulfate of potash (0-0-50).
100	3	5 lb/1000 square feet of muriate of potash (0-0-60) or 6 lb/1000 square feet of sulfate of potash (0-0-50).
110	3	5 lb/1000 square feet of muriate of potash (0-0-60) or 6 lb/1000 square feet of sulfate of potash (0-0-50).
120	3	5 lb/1000 square feet of muriate of potash (0-0-60) or 6 lb/1000 square feet of sulfate of potash (0-0-50).
130	3	5 lb/1000 square feet of muriate of potash (0-0-60) or 6 lb/1000 square feet of sulfate of potash (0-0-50).
140	0	