

ATHLETIC FIELD-TO PLANT Crop Code: 2104

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

Grass Species	pH goal	Grass Species	pH goal
Annual Bluegrass	6.5	Perennial Ryegrass	6.5
Bentgrass	6.0	Tall Fescue	6.5
Bermuda	6.5	Zoysiagrass	6.5
Fine Fescues	6.0	Mixed cool season	6.5
Kentucky Bluegrass	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>
24-25-4	4.0
20-27-5	5.0
18-24-12	5.5
18-24-6	5.5
13-13-13	7.5

*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 P2O5/1000 sq ft)

(Optimum soil test P: 75 - 110 ppm)

Soil test P (ppm)	P2O5 lb/1000 sq ft	Triple super (0-46-0) needed to supply P2O5 required lb/1000 sq ft
0	11	
5	11	
10	11	
15	11	
20	11	
25	9	
30	9	
35	8	
40	8	
45	7	
50	7	
55	5	
60	5	
65	5	
70	5	
75	0	

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Potassium Recommendation (lb K₂O/1000 sq ft):

(Optimum soil test K: 140 - 200 ppm)

Soil test K (ppm)	K ₂ O lb/1000 sq ft	Sulfate of potash needed to supply K ₂ O required lb/1000 sq ft
0	6	
10	6	
20	6	
30	6	
40	6	
50	5	
60	5	
70	4	
80	4	
90	4	
100	3	
110	3	
120	3	
130	3	
140	0	