Alfalfa-Establishment (*Code* #025)

Soil Test Rating	Potassium			
	Low K Coast: 0-70 lbs/A Pied: 0-120 lbs/A	**Medium K** Coast: 71-170 lbs/A Pied: 121-250 lbs/A	**High K** Coast: 171-275 lbs/A Pied: 251-400 lbs/A	**Very High K** Coast: 275+ lbs/A Pied: 400+ lbs/A
Phosphorus	*Recommended Pounds N-$P_2 0_5$-$K_2 0$ per Acre*			
Low P Coast: 0-30 lbs/A Pied: 0-20 lbs/A	0-160-250	0-160-200	0-160-150	0-160-0
Medium P Coast: 31-60 lbs/A Pied: 21-40 lbs/A	0-130-250	0-130-200	0-130-150	0-130-0
High P Coast: 61-100 lbs/A Pied: 41-75 lbs/A	0-100-250	0-100-200	0-100-150	0-100-0
Very High P Coast: 100+ lbs/A Pied: 75+ lbs/A	0-0-250	0-0-200	0-0-150	0-0-0

Coast = Coastal Plain Pied = Piedmont, Mountain, and Limestone Valley

Recommendations:

Recommended pH:	6.5 to 7.0. If the pH is less than 6.5, see Lime Table A.
Nitrogen:	0 pounds nitrogen (N) per acre
Magnesium:	If soil test Mg level is low and lime is recommended, use dolomitic limestone; if soil test Mg is low and lime is not recommended, apply 25 pounds of Mg/Acre.
Other:	See boron (B) and molybdenum (Mo) recommendations below.

Coastal Plain	Low: 0 - 60 lbs/acre	Medium: 61 - 120 lbs/acre	High: >120 lbs/acre
Piedmont	Low: 0 - 120 lbs/acre	Medium: 121 - 240 lbs/acre	High: >240 lbs/acre

Fact Sheet:

Per 60 pounds of seed, apply 1/4 ounce of molybdenum (2/3 ounce of sodium molybdate) in just enough water to slightly moisten the seed. (CAUTION: DO NOT EXCEED THE RECOMMENDED AMOUNT OF MOLYBDENUM.)

Apply 3 pounds of boron (B) per acre.

Piedmont only:

Gypsum subsoil test: Research has shown significant yield increases to gypsum application on some piedmont and mountain soils with red, acidic subsoils. A subsoil sample must be tested to determine if gypsum is needed. Take samples by removing and discarding the topsoil down to a depth of 15 inches.

Collect a subsoil sample from the 15-inch depth from several locations, mix and place in a soil test bag. There is a fee for this special test.