Jeff Humpton

Los Alamos County Parks 101 Camino Entrada Bldg #5

Los Alamos NM 87544





NUMBER OF SAMPLES

DATE RECEIVED

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12/12/2016

DATE REPORTED

12/16/2016

COUNTY

Los Alamos/NM

SOIL, WATER & PLANT TESTING LABORATORY FORT COLLINS, COLORADO 80523-1120 Phone 970-491-5061 Fax 970-491-2930

AGRICULTURAL TEST REPORT

SPECIAL COMMENTS AND SUGGESTIONS: and growth. If moisture is limited, then growth and yield may be reduced. FERTILIZER RECOMMENDATIONS: The 2T/A yield goal estimate provides a framework for making the nitrogen recommendation. Native grass yield will depend on annual rainfall for gemination METHOD USED: F307b F308c I. D. F307b IDENTIFICATION F306a F308c F306a No. Lab No. Lab #1 stables #2 stables #3 stables FIELD INFORMATION #3 stables #2 stables #1 stables Sample ID Sample ID Sample Acres Depth dryland native grasses dryland native grasses dryland native grasses 8.8 7.0 7.1 pΗ minhos/cm Salts 8.5 0.7 0.7 Proposed very high Estimate Lime Excess low low clay loam sandy clay loam sandy clay loam 2T/A 2T/A 2T/A Yield Goal Texture Estimate Estimate ime (T/A) to raise pH to: 6.0 SAR 0.3 ROUTINE SOIL TEST RESULTS 6.5 0.3 meq 100g Gyp 7.0 POUNDS OF ACTUAL NUTRIENT PER ACRE Walkley Black Organic Modified lbs/A Matter 2.4 Z 1.7 0 0 10 % Extract AB-DTPA P_2O_5 lbs/A Nitrate ppm 40 40 27 0 76 54 Z NaHCO₃ Phosphorus Extract lbs/A K_2O 11.5 11.9 ppm 0 0 165 Phosphorus lbs/A 96.8 6.1 ppm 6.0 Zn 0 0 0 ٦ lbs/A 4521 200 296 ppm Fe. 0 0 0 AB-DTPA Extractlbs/A 2.63 1.82 1.56 Mn 0 ppin 0 Zn 0 lbs/A 8.53 7.62 ppin 14.5 0 Cu Fe Iron 0 0 Manganese Boron lbs/A 5.31 3.19 ppm 1.63 Mn 0 0 0 Sulfur Copper lbs/A 9.91 6.64 1.96 ppin 0 0 0 C_n Gypsum N/A N/A N/A Boron Water T/A 0.21 0.150.18 ppm Hot В AB-DTPA Sulfur Extract <0.01 <0.01 < 0.01 ppin S

sodium to make the soil sodic The pH and salts are very high in sample #3 stables. Plant growth may be severely reduced. The SAR value is moderate indicating that there is sodium in the soil, but not enough

Web site: http://www.soiltestinglab.colostate.edu

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James Self, Ph.D./Extension Soil Test Specialist