

SOIL TEST INFORMATION SHEET NO. P-230

Prepared by Extension Agronomist Edward Twidwell; Forage Agronomist Jose Pereira-Neto; Soil Fertility Specialist Leandro Vieira; and Weed Specialist Ron Strahan

Perennial Warm Season Grasses- Bahia, Bermuda or Dallisgrass-Clover Pastures

1. The soil pH should be 6.0 or higher for good production of clovers and other legumes since they respond to a higher soil pH than grasses. Use dolomitic limestone if the soil test magnesium levels are medium or lower.
2. On soils with pH values above 5.8 with a medium or lower level of magnesium, 20-30 pounds of magnesium per acre can be applied as sulfate of potash-magnesia (Sul-Po-Mag or K Mag).
3. When growing clover-grass mixtures, do not apply nitrogen in late summer.
4. All the recommended rates should be applied in the fall when growth of clovers begins or when clover is seeded.
5. An application of 40-80 pounds of nitrogen per acre may be applied in late spring.
6. If a clover stand is not obtained, apply 60-80 pounds of nitrogen per acre when grass growth begins and again in late June.
7. Contact your Extension agent for additional information and help in your fertilization program. The agent also receives a copy of this report for the parish office files.