

# SOIL TEST INFORMATION SHEET NO. P-240

Prepared by Extension Agronomist Edward Twidwell

## Annual or Perennial Cool Season Grass—Clover Pastures

1. The soil pH should be near 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, apply 20-30 pounds of magnesium per acre as sulfate of potash-magnesia (Sul-Po-Mag or K Mag).
3. All the recommended rates of phosphorus and potassium should be applied in the fall when growth of clovers begins or when clover is seeded.
4. If a clover stand is not obtained, apply 60-80 pounds of nitrogen per acre in the fall and 60-80 pounds of nitrogen per acre in February or early March.
5. Under heavy grazing conditions, nitrogen may be applied in additional growth is desired. This should be done only if the clovers are well established.
6. Contact your county agent for additional information and help in your fertilization program. The agent also receives a copy of this report for the parish office files