

# SOIL TEST INFORMATION SHEET NO. C-100

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## **Cereal grains: Oats, What or other Cereals**

1. Agricultural limestone should be applied when the soil pH value is below 5.5. Limestone effectiveness is determined by the size of the particles and the Calcium Carbonate Equivalent (C.C.E). The lime recommendation is based on a C.C.E of 100. If the magnesium content of the soil is medium or lower, dolomitic limestone should be used. Do not overlime. Overliming can cause micronutrient deficiencies.
2. Where phosphorous or potassium fertilizers are recommended, they should be applied before planting. The application of 15-20 pounds of nitrogen per acre at planting is recommended if wheat follows corn, grain sorghum or rice.
3. Spring nitrogen should be applied at a rate of 100-110 pounds of nitrogen per acre as a top-dressing before jointing, usually in mid-late February, or one-half before jointing and one-half before boot stage.
4. If cereal grown for grain is grazed by livestock, the livestock should be pulled off in early-mid February and nitrogen should be applied.
5. 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.