

**982 FERTILIZER.**

**(REV 8-30-06) (FA 9-6-06) (1-07)**

ARTICLE 982-3 (Page 886) is deleted and the following substituted:

**982-3 Fertilizer Rates.**

Soil laboratory fertilization recommendations are based on the amount (lbs) of nutrients (N, P<sub>2</sub>O<sub>5</sub>, K<sub>2</sub>O) to apply per given area (usually 1,000 sq. ft.). From this recommendation it is necessary to select an appropriate fertilizer grade and then determine how much of this fertilizer to apply to the area.

If a complete fertilizer (containing all three primary nutrients) is not available in the ratio of N-P-K necessary to match the ratio required in the fertilizer recommendation, mixed-grade or single-nutrient fertilizers should be used to satisfy each nutrient requirement.

To calculate fertilizer rates:

1. Measure the area to be fertilized in square feet.
2. Select fertilizer(s) to be used based on the soil testing laboratory recommendations by matching the ratio of nutrients recommended to the fertilizer grades available.
3. Determine the amount of fertilizer to apply to a given area (1,000 sq. ft.) by dividing the recommended amount of nutrient by the percentage of the nutrient (on a decimal basis) in the fertilizer. Apply no more than 0.25 lbs P<sub>2</sub>O<sub>5</sub>/1000 sf per application prior to planting.
4. Adjust the amount of fertilizer to the project area.