SECTION 982  
FERTILIZER

982-1 Fertilizers.  
Fertilizers shall comply with the State fertilizer laws.  
The numerical designations for fertilizer indicate the minimum percentages (respectively)  
of total nitrogen, available phosphoric acid, and water-soluble potash, contained in the fertilizer.  
At least 50% of the nitrogen shall be from a slow-release source.

982-2 Certification.  
The Contractor shall submit to the Engineer a certified test report from the manufacturer  
of the commercial fertilizer confirming that the requirements of this Section are met. The  
certified test report shall conform to the requirements of Section 6 and include test results for  
total nitrogen, available phosphoric acid, water-soluble potash, and sulfur. Each certification  
shall cover one batch per type for dry type fertilizer.

982-3 Fertilizer Rates.  
Soil laboratory fertilization recommendations are based on the amount (lbs) of nutrients  
(N, P₂O₅, K₂O) to apply per given area (usually 1,000 square feet.). 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 fertilizers 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 square feet.)  
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 P₂O₅/1000 square feet per application prior  
to planting.  
4. Adjust the amount of fertilizer to the project area.