

2107 - AGRICULTURAL LIMESTONE

SECTION 2107

AGRICULTURAL LIMESTONE

2107.1 DESCRIPTION

This specification covers material requirements for agricultural limestone.

2107.2 REQUIREMENTS

Use ground limestone, ground dolomite or a mixture of the two having an effective calcium carbonate (E.C.C.) value of at least 50%. The E.C.C. value is calculated as follows:

$$\begin{aligned} \text{E.C.C} &= (\text{AB}) \times \text{Calcium Carbonate Equivalent} \\ \text{A} &= (\% \text{passing a No. 8 sieve} - \% \text{passing a No. 60 sieve}) \times 0.50 \\ \text{B} &= \% \text{passing No.60 sieve} \end{aligned}$$

Calcium Carbonate Equivalent is calculated from the Neutralization Value as determined according to the Official Methods of Analysis of the Association of Official Analytical Chemists.

2107.3 METHODS OF TEST

None Specified.

2107.4 PREQUALIFICATION

Registration of each manufacturing/distribution facility with the Kansas Department of Agriculture.

2107.5 BASIS OF ACCEPTANCE

Provide a copy of the agricultural limestone distributor's registration with the State Department of Agriculture as required by the Kansas Agricultural Liming Materials Act. Bulk shipments must be accompanied by a certified delivery slip showing the minimum percentage of Effective Calcium Carbonate as defined by the Kansas Agricultural Liming Materials Act.