

DEPARTMENT OF AGRICULTURE AND COMMERCE

Subpart 3-Bureau of Plant Industry
Chapter 04- Agricultural Liming Materials

Neutralizing and Screening Standards For Agricultural Liming Materials.

100.01 All agricultural liming materials, except marl, offered for sale, sold, or distributed in this state shall have clearly stated in the guarantee, the actual Relative Neutralizing Value (RNV). RNV is an expression of aglime effectiveness based on the combined effect of Calcium Carbonate Equivalent (CCE) and fineness of grind. The RNV is determined by multiplying CCE by a set of factors based on the particle size of the agricultural liming material. The minimum RNV allowed for sale in Mississippi shall be 63%.

Particle Size	% Effectiveness of aglime material
Larger than 10 mesh	0
Between 10 and 50 mesh	50
Less than 50 mesh	100

Computation of Percent Relative Neutralizing Value.

$$\% \text{ RNV} = \text{CCE} \times \frac{(\% \text{ passing } 10 \text{ mesh} + \% \text{ passing a } 50 \text{ mesh})}{2}$$

The RNV of 63% is derived by the following formula. For example, an agricultural liming material with a CCE of 90% with 90% of the material passing a 10 mesh screen and 50% passing a 50 mesh screen would calculate as follows:

$$\% \text{ RNV} = \frac{.90(90 + 50)}{2} + \frac{.90(140)}{2} = \frac{.90(70)}{2} = 63\%$$

The actual RNV of the agricultural liming material must be shown prominently on the front face of the label, sales invoice, delivery ticket or bulk ticket.

100.02 Marl offered for sale, sold, or distributed in this state as an agricultural liming material shall have a CCE of not less than 70% and be processed to such a degree of fineness that not less than 80% of the material will pass a 10 mesh screen.

100.03 When an agricultural liming material is mixed with enough water to be applied as a spray and is offered for sale, sold, or distributed in this state, 100% of the material shall pass a 100 mesh screen.

Amended: February 17, 2014

Source: *Miss. Code Ann.* §69-39-19.