

SuperCal 98MG



**CALCIUM
PRODUCTS™**

**GREENS GRADE
LIMESTONE**

SuperCal 98MG is a superior grade lime product; it spreads cleanly and easily to change soil pH quickly. It's named SuperCal 98MG because it's made from 98% pure calcitic limestone. The MG stands for mini granule; these pellets are designed to be small for optimal use on golf greens and similar turf applications. Change pH quickly with SuperCal 98MG.

Manufactured by:
Calcium Products
Gilmore City Location
50602 330th Avenue
Gilmore City, IA 50541

Corporate Address:
Calcium Products
ISU Research Park
2520 N. Loop Dr., #7100
Ames, IA 50010



NET WT. 50 lbs/22.67 kg



**SuperCal
98MG**



Raise the pH of your soil with SuperCal 98MG greens grade pelletized limestone.

RECOMMENDATIONS

It is recommended that a complete soil test be taken to determine the pH and nutrient levels before applying any fertilizer or amending material to the soil. In doing so, the most effective and efficient application rates can be determined.

SuperCal 98MG is finely ground pure limestone pelletized for ease of use. It will deliver a high level of calcium to the soil. Calcium, a vital secondary nutrient, is required by plants for sound growth and increased vigor.

The pelletizing of the limestone allows for uniform application and ensures that the product reaches the soil even though the plant foliage may be dense. A minimum amount of moisture is required to activate the product. However, for best results, spread product and wet thoroughly before incorporation into the soil.

Regular applications of SuperCal 98MG will:

- Supply calcium, a vital nutrient.
- Balance pH by reducing acidity found normally in the soil.
- Increase the availability of nutrients in the soil not accessible because of low pH.
- Increase soil microbial activity as the pH is balanced.
- Promote breakdown of organic residue in soil.

To correct soil pH problems:

Use the application rates chart below. Remember to have a soil test prior to determining the application rate.

Application Rates

As suggested by your soil test. Apply only as directed.

Soil pH	Range	Rate
6.5-7.0	Optimum Range	Up to 12 lbs/1000 sq. ft.
6.0-6.5	Slightly Acidic	12-25 lbs/1000 sq. ft.
5.5-6.0	Moderately Acidic	20-50 lbs/1000 sq. ft.
5.0-5.5	Severely Acidic	See dealer for recommendation
< 5.0	Critically Acid	See dealer for recommendation

To correct pH prior to new seeding or sod

Follow application rates and incorporate into the top 2-4 inches of soil prior to seeding or sodding. Product may be applied at time of fertilization.

To correct pH in established lawns or turf

Apply one half the rate from the chart above twice a year, in the spring and in the fall.

To correct pH in gardens

Check the optimum pH for each plant that you are growing. Follow the application rates and incorporate the product into the top 2-4 inches of soil.

To correct pH for transplanted trees and shrubs

Check each plant's optimum pH for growth. Lightly spread the suggested application rate over the surface of the hole prior to planting. Once planted, water the tree or shrub thoroughly.

To correct pH for established trees and shrubs

Follow application rates twice a year, spring and fall. For best results, water the product thoroughly following an application. Spread product from the trunk to the drip line.

Typical Spreader Settings

Drop Spreaders	10 lbs/1000 sq. ft.	Broadcast Spreader	10 lbs/1000 sq. ft.
Scotts AccuGreen 1000, 2000, 3000	9	Scotts Speedy Green Rotary	11.5
Earthway	13	Earthway	22
Precision Brand	9	Precision Brand	13
Vigaro	11.5	Vigaro	9

Actual settings may vary and depend on spreader type, mode and condition of the spreader. Always check spreader rate and setting prior to application of SuperCal 98MG. Bulk Density - 70 lbs/CF

Sieve Sizing Before Pelletizing

100% passing	4 mesh sieve	100% passing	50 mesh sieve
100% passing	8 mesh sieve	99% passing	60 mesh sieve
100% passing	10 mesh sieve	97% passing	80 mesh sieve
100% passing	20 mesh sieve	95% passing	100 mesh sieve
100% passing	40 mesh sieve	70% passing	200 mesh sieve

Guaranteed Analysis

Calcium (Ca)	36.0%	Effective Neutralizing Value (ENV)	PA-93%, NH/KY/MA-94%, NY-96%, IL-98.7%
Magnesium (Mg)	0.5%	Effective Neutralizing Power (ENP)	MN-92%, MN-1778 lbs, OH-1850 lbs/ton
Calcium Oxide (CaO)	50%	Relative Neutralizing Value (RNV)	90%
Magnesium Oxide (MgO)	0.8%	Total Neutralizing Value (TNV)	98%
Calcium Carbonate (CaCO ₃)	94%	Effective Calcium Carbonate Equivalent (ECCE)	KS-90%, OK-94%, IA-1842 lbs/ton*
Magnesium Carbonate (MgCO ₃)	1.7%	Total Fineness Efficiency Value	105
Total Carbonates	59.25%	Effective Calcium Carbonate (ECC)	90%, 1800 lbs/ton
Calcium Carbonate Equivalent (CCE)	95.0%	Total Neutralizing Power (TNP)	92%
Moisture (Maximum)	1.0%	Fineness classification	Superfine: OH Fine-sized: CT, ME, MA, NH, NJ, PA Standard Ground Limestone: KY Pulverized: VA, WV

Derived from calcitic limestone. Information regarding contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.htm>

ADDITIONAL STATE REGISTRATION INFORMATION

FLORIDA
Registration Number F001993. This product requires 1894 lbs to be equal to one ton of standard liming material. One standard ton of lime is 90% calcium carbonate equivalent.

OREGON
Oregon Lime Score = 92

NORTH CAROLINA
This product requires 1935 lbs to be equal to one ton of standard liming material. One standard ton of lime is 90% calcium carbonate equivalent.

VIRGINIA
Do not apply near water, storm drains, or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn/garden.

MISSOURI
ENM = 740 lbs/ton
Emg = 2 lbs/ton

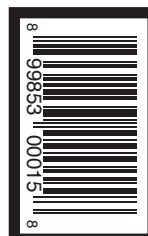
IOWA
Iowa Secretary of Agriculture Certified*

WASHINGTON
Lime Score = 92

WISCONSIN
Neutralizing Index=90%
Neutralizing Index Zone = 90-9



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