



DS-90

Organic Pastille Degradable Sulfur

CSC DS-90 Organic Sulfur Pastille is an **OMRI listed** water degradable 90% Sulfur Pastille. Manufactured using only the purest sulfur and bentonite clay, with no synthetic additives, **CSC DS-90 Organic Sulfur Pastille** meets or exceeds **OMRI listing qualifications**. The bentonite clay reliably breaks down **CSC DS-90 Organic Sulfur Pastille** into “micro sulfur” in all normal soil conditions. This assures you the **DS-90 Organic Sulfur Pastille** you apply today will become available plant food within the growing season. The individual formation and hemispherical design of the pastille virtually eliminates dust formation in handling and offers uniform sizing for the most consistent application possible.

Guaranteed Analysis

Sulfur(S) (free)	90.00%
Inert Ingredients	10.00%
Total	100.00%
Derived from elemental sulfur	
Product of U.S.A	

Product Specifications

Bulk Density.....	67 – 70 lbs/ft ³
Color	Yellow-Gray
Sieve Analysis.....	-4 + 8 Nominal
Size Guide #.....	290

Directions for use

An application 1.11 lbs of **CSC DS-90 Organic Sulfur Pastille** will supply 1 lb of sulfur. Application Programs are as follows:

- **CSC DS-90 Organic Sulfur** should be applied and tilled into the first 6” of the soil. This should be carried out in the fall to allow time for the product to break-down in the soil profile and start the acidification process. If you are in a no-till operation surface application will have to be made.
- For applications amending low-sulfur or high pH soils, consult published references to insure proper application rates for your area and soil type. For proper plant nutrition, confirm your crop’s sulfur demand prior to fertilization; however, 20-40 pounds of S per acre is adequate for most crops.
- Make annual applications of **CSC DS-90 Organic Sulfur** to maintain the health of your soil. Many sources of irrigation water contain high levels of dissolved solids, including sodium, calcium and bicarbonate. Evaporation causes these solids to remain in the soil, altering the natural ion balance and diminishing water penetration. As microbes in the soil convert **CSC DS-90 Organic Sulfur** to sulfuric acid, these solids are kept in solution and are flushed below the root zone. Because these microbes feed and multiply at the same time your crop does, this conversion occurs throughout the growing season and assures continuous Sulfur availability.
- **CSC DS-90 Organic Sulfur** is a superior soil amendment and is highly effective in lowering soil pH. Annual application as noted above will reliably reduce soil pH and buffering capacity. The table below offers application rate guidelines; always base your applications on recent soil testing. Martin recommends both spring and fall sampling to monitor the progress of your maintenance program.

Approximate Amount of Elemental Sulfur Needed to Reduce Soil pH to 6.5

Soil pH	Broadcast Application Lbs. Sulfur / Acre		Band/Furrow Application Lbs. Sulfur / Acre	
	Sandy Soils	Clay Soils	Sandy Soils	Clay Soils
7.5 to 6.5	400 - 600	800 - 1000	200 - 250	300 - 500
8.0 to 6.5	1000 - 1500	1500 - 2000	300 - 500	600 - 800
8.5 to 6.5	1500 - 2000	2000 and up	500 - 800	800 and up
9.0 to 6.5	2000 - 3000		800 and up	

Ref. Western Fertilizer Handbook

Manufactured by:
Martin Resources
4200 Stone Rd
P.O. Box 191



CAUTION:

KEEP OUT OF REACH OF CHILDREN.

First Aid

Skin Contact: Wash with mild soap and water. Seek medical attention if irritation occurs.

Eyes: Flush with running water for at least 15 minutes. Seek medical attention if redness and irritation persists.

Ingestion: Irritation may occur, seek medical attention.

Inhalation: Remove person to fresh air. Seek medical attention

FLN 661

WARNING! BURNING SULFUR EMITS TOXIC FUMES. SULFUR DUST SUSPENDED IN AIR IGNITES. SULFUR DUST CAUSES EYE IRRITATION

Avoid contact with eyes. Keep away from heat and flames. Avoid creating dust in handling. Wash thoroughly after handling. Keep container closed. Use with adequate ventilation. Keep from contact with oxidizing materials.

IN CASE OF FIRE: Use water fog, fine spray, and or CO₂. Wear NIOSH-approved self-contained breathing apparatus.

IN CASE OF SPILL: Sweep up spillage. Place in appropriate chemical waste container. Flush area with water. Observe all local, state, and federal laws and regulations regarding disposal, spill, clean-up, removal and discharge.

For further information see Martin Resources Material Safety Data Sheet on Sulfur, or Call

1- 800 - 231 - 4595

When applied as directed, this product meets the minimum standards for non-nutritive metals established by the Association of American Plant Food Control Officials.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation of Liability before using this product. By using this product, user or buyer accepts the following Warranty Disclaimer and Limitation of Liability.

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated on the label when used in strict accordance with the directions. Manufacturer makes **NO OTHER EXPRESSED OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE**. Where permissible, it is Manufacturer’s intent to **LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES** to refund of purchase price or replacement of product, at Buyers choice. **Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS.** Buyer by purchasing or using this product expressly waives any and all warranties implied by law, including, but not limited to any implied **WARRANTY OF MERCHANTABILITY** or implied **WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE**. Use contrary to label directions is not permitted.

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THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS: YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/ JURISDICTION TO STATE/JURISDICTION.