



## PRODUCT TECH SHEET

# CALESCO™

### Product Description

Calesco is a specialty water conditioner designed to prevent hard water scale build-up in pivot and drip irrigation systems. Common hard water scale formation is commonly the result of calcium carbonate precipitation and accumulation in equipment employing hard water.

### Application Benefits

- Will bind with calcium, magnesium, and iron, preventing the formation of common hard water scale.
- Can also be used to treat water prior to diluting fertilizers, herbicides, and pesticides; and minimizing insoluble solids that can form when minerals precipitate with phosphates (precipitated solids can inhibit uniform application rates and/or plug sprayer nozzles.)
- Creates a stronger bond with Ca and Mg than typical AMS treatment.
- The bond formed is water soluble and does not form a sulfate precipitate like AMS.
- Unlike AMS, will bond with and remove interference from Fe.
- Unlike AMS, forms a strong enough bond to stop Ca, Mg, and Fe precipitation with orthophosphate fertilizers.
- Does not contain ammonia and is approved with Dicamba mixes.

### Application Rates

**GENERAL:** For most applications, a rate of 8 oz. per 100 gallons of water is sufficient.

Use the chart to determine your precise application rates.

### Directions For Use

- See label or your Monty's representative for more detailed information.

Calcium (PPM)	OZ / 100 GA
100	1
200	2
300	4
400	5
500	7
600	8
700	10
800	11
900	13
1000	15
1100	16
1200	18

### Physical and Chemical Properties

pH: 4.5-5.2 | Water solubility: Miscible in water  
Specific gravity (H<sub>2</sub>O=1): 1.4389

**Monty's products** are recommended as supplements to your current farming practices and are not recommended to replace the nutrients typically added to the soil. We suggest taking a soil and/or tissue test, have a qualified independent lab analyze the samples to determine nutrient levels in your soils and plants, and then follow the recommendations of a qualified CCA, agronomist or dealer.

When tank mixing any Monty's product with other farm chemicals, always read and follow the label directions of the chemical(s) you are considering and administer a jar test and/or a strip test before adding Monty's to your tank mix. When mixing with other farm chemicals, tank mix Monty's only after diluting the chemical according to label directions. Knowing the chemical's "mode of action" (block photosynthesis) or metal content (copper based) will help determine the compatibility of Monty's.

FOR COMMERCIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. HARMFUL IF SWALLOWED. AVOID CONTACT WITH SKIN, EYES, OR CLOTHING.

*Information regarding the contents and levels of metals in this product is available on the Internet at: <http://www.aapfco.org/metals.html>*

For more information, consult your sales representative,  
visit [montysplantfood.com](http://montysplantfood.com), or contact Monty's at 800.978.6342.