

SOIL



TRICAL 35-SP

ADVANCED CALCIUM TECHNOLOGY

Trical 35-SP is a proprietary formulation of highly concentrated precipitated calcium carbonate organic polycarboxylic amino saccharide combination spray dried to soluble powder form of very low particle size.

Trical 35-SP is designed with advanced, proprietary technology to achieve microparticle sizes. It is formulated to ensure rapid availability for:

Turf Available Calcium

- Cell Division & Strength
- Respiration & Root Development
- Defensive Stress Nutrition
- Internal Sodium Buffering

Soil Available Calcium

- Beneficial Microbial Activity
- Salt Management / Soil Flushing
- Toxicity Buffering

Trical 35-SP provides highly available calcium for soil and turf and may be used as a substitute or strategic management supplement for granular calcium applications or liming requirements.



For the strongest turf™

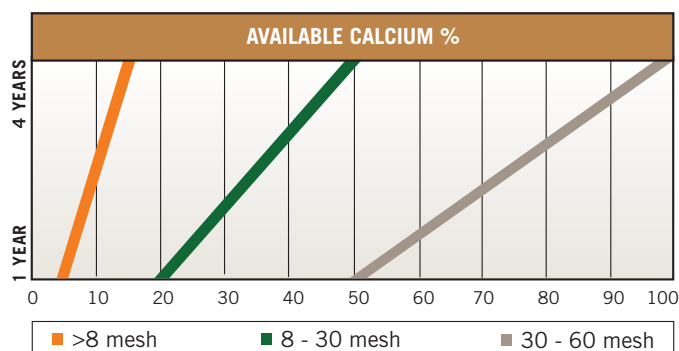
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immediate calcium availability
 $\text{CaCO}_3 + \text{microbes} \rightarrow \text{Ca} + \text{CO}_2$

TECHNICAL INFORMATION

Calcium is essential for both soil and plant health. However, like other nutrients it must be soluble to perform its critical roles. Unlike traditional products, **Trical 35-SP** is designed to provide significant amounts of immediately soluble, quickly available calcium to compensate for soil deficiencies and overcome restricting availability factors such as high phosphorous and bicarbonates.

According to the Illinois Department of Agriculture, liming materials can be expected to deliver available calcium at the following rates depending on the indicated particle sizes:



Trical 35-SP is less than 1 micron in size. Most liming materials are 8-30 mesh-size particles and provide less than 1% of available calcium upon application.

Trical 35-SP's very fine particles and organic complexing encourage microbial activity to rapidly convert unavailable carbonate to plant available calcium and carbon dioxide for photosynthesis.

NUTRIENT CONTENT

Calcium (Ca) 35,00%
or Calcium Oxide (CaO) . 49,0%

Net Weight: 6,8 kg/pail

Calcium

Ca

At. Wt. 40,08

PROFESSIONAL USE GUIDELINES

COMPATIBILITY: Do not tank mix **Trical 35-SP** with any product (s) until compatibility has first been established by using the standard quart jar method.

MIXING: After compatibility has been established **Trical 35-SP** should be the first thing added to the agitating water in the spray tank. **Trical 35-SP** should be added slowly at the point of greatest agitation turbulence. Do not add more than 2,5 - 3,0 kg per 100 litres of water in the spray. Do not allow the mixture to sit without agitation. If sprayer has weak agitation, it may be desirable to "slurry" material prior to addition to the spray tank.

APPLICATION: Apply with any equipment that delivers desired amount of material to the target area. Spray equipment will ideally have screens and strainers with openings of 50 mesh or larger. Although **Trical 35-SP** is non-burning, it should be watered in immediately to prevent a light residue from forming on the grass blades. Water in lightly.

DIRECTIONS FOR USE: Apply 13 - 20 kg/ha. Best results will be realised by applying lower to mid-rate ranges on a regular schedule throughout the growing season.



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