



ABN:17-949-415-002

Advanced Material Technologies

Providing Solutions, Delivering Results!



NEW PRODUCT RELEASE

SUPERIOR MAGNETIC WATER CONDITIONERS

Agricultural/Irrigation Applications

Photo: Water Conditioner 3 GPM (11 LPM) to 4,000GPM (15142 LPM); others by request

Superior Water Conditioners have many **special benefits** for sprinkling and irrigation, beyond the reduced maintenance from scale and corrosion elimination in pipes and spray nozzles.

The Cost Savings:

Superior water conditioners condition the water to:

- **Reduce Water Usage 10-30%**
- **Reduce Fertilizer Usage 30-50%**
- **Eliminate Wetting Agents with an increase or no reduction in irrigation effectiveness.**

The Advantages:

This water is beneficial to golf courses, produce farms, field crops, parks and cemeteries, athletic fields, and all lawns.

Superior's magnetic water treatment is well proven since 1964, the water treatment reduces the surface tension of water, making it more soluble. All chemicals are utilized more effectively because of this increased solubility. This allows a sharp reduction in the amount of fertilizer required to provide nutrition.

The ability of treated water to dissolve minerals available in both the soil and the water enhances the nutrient levels in the soil available to the root system. Changing calcium silicate to calcium carbonate allows for better penetration of the membranes of the plant.

Superior water conditioners will eliminate the need to use wetting agents because of the reduction in the water's surface tension, which allows the water to penetrate the soil more deeply and quickly. The benefit is, a deeper, thicker root system to provide better growth. The conditioned water spreads through the

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ground more uniformly, eliminating pooling caused by over-watering an area to eliminate dry spots. The conditioned water now has improved germination effect as an additional benefit.

Finally, the elimination of scale, corrosion and chemicals in the water distribution system and sprinkler heads will greatly reduce overall maintenance requirements on irrigation systems.

MODEL SPECIFICATIONS FOR AGRICULTURAL/IRRIGATION APPLICATIONS

Model #	Max. Flow Rate (GPM)	Connections
SF-1500-AC	50	1 1/2" Flange
SF-2000-AC	75	2" Flange
SF-2500-AC	110	2 1/2" Flange
SF-3000-AC	175	3" Flange
SF-4000-AC	250	4" Flange
SF-5000-AC	350	5" Flange
SF-6000-AC	500	6" Flange
SF-8000-AC	700	8" Flange
SF-10000-AC	850	10" Flange
SF-12000-AC	1100	12" Flange
SF-14000-AC	1400	14" Flange
SF-16000-AC	1800	16" Flange
SF-18000-AC	2600	18" Flange
SF-20000-AC	3100	20" Flange
SF-24000-AC	4000	24" Flange

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