

ANCHOR MP™



ANCHOR MP is an effective product to improve soil moisture infiltration and enhance irrigation efficiency in turf. **ANCHOR MP** is a new, unique formulation of PAM that is easier to use and mixes more quickly than other PAM products on the market. Through the use of a new technology, a concentrated formulation has been developed which means you can get great results while handling less product volume.

ANCHOR MP will:

- Reduce soil sodium levels in top twelve inches
- Increase net water infiltration up to 40%
- Retain 30 - 40% more nitrogen in soil
- Reduce soil erosion by 99%
- Reduce soil crusting
- Reduce nutrient and pesticide runoff

Potential Benefits of ANCHOR MP

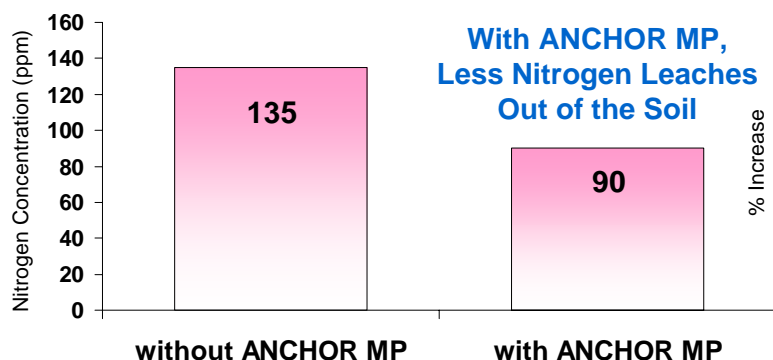
Reduced Irrigation - Improved Utilization of Fertilizers - Improved Turf Appearance

ANCHOR MP Nitrogen Retention Study

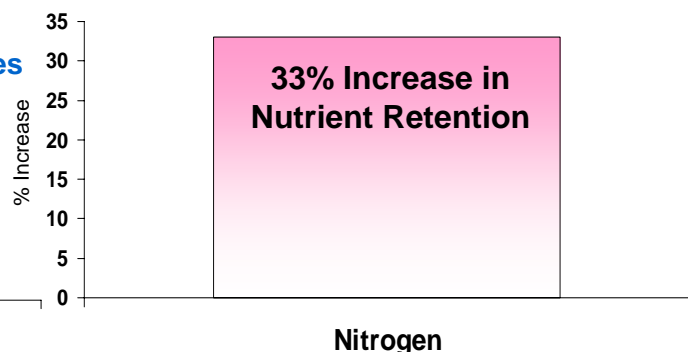
The study included 3 laboratory treatments:

- "Water only" to identify nutrients already present in the soil
- "Fertilizer only" to establish current nutrient retention and runoff
- "Fertilizer + **ANCHOR MP**" to demonstrate increased retention and decreased runoff when using **ANCHOR MP**

Nutrient Concentration in Leachate

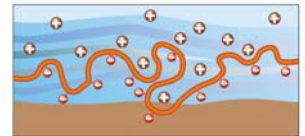
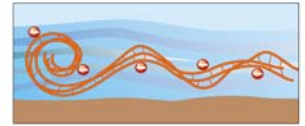
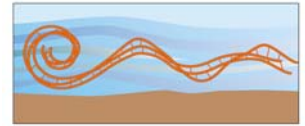


Percent Increase in Nutrient Holding Capacity When Using ANCHOR MP



How Does ANCHOR MP Work?

- ⚓ **ANCHOR MP** has a high molecular weight and is soluble in water.
- ⚓ When **ANCHOR MP** is in the presence of water, long microscopic chains form. Soil particles suspended in water are positively charged.
- ⚓ The microscopic chains of **ANCHOR MP** possess a negative charge.
- ⚓ This charge not only attracts the positively charged soil particles, but also the positively charged nutrients applied through fertilization (such as NH_4^+ , K^+ , Ca^{++} , etc.).
- ⚓ The resulting agglomerations are too large to remain suspended and consequently are held in place in the turf. By attracting nutrients and binding them along with the soil particles, the loss of nutrients during irrigation and rain events is reduced.
- ⚓ Importantly, as the soil particles become larger, the soil structure becomes more open. This allows water and air to infiltrate into the soil better, improving irrigation efficiency.



ANCHOR MP Quick Facts

- ⚓ **ANCHOR MP** will stay active for 4 - 5 weeks and then breaks down into carbon dioxide, water and ammonia through UV light exposure.
- ⚓ **ANCHOR MP** may be applied with normal application equipment.
- ⚓ Under most conditions, 1 oz of **ANCHOR MP** per 1,000 ft² should be used.
- ⚓ **ANCHOR MP** is biodegradable and non-toxic to plants and animals.

For more information, call 818-899-4686

Anchor MP is formulated for:
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By JT Water Management, LLC

ANCHOR MP™

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