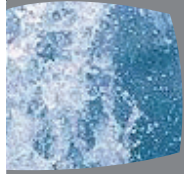




INTRODUCING BURST SOIL
RECOVERY FOR TURF



SOIL AND TISSUE RESULTS



DOSE RATES

 **burstturf**[®]

INTRODUCING THE ONLY INJECTABLE SOIL CONDITIONER POWERED
BY SYNTECH, THE WORLD'S ONLY SYNTHETIC ACID

- ✓ **100% acid free**
- ✓ **Direct injection minimizes labor**
- ✓ **Solubilizes calcium & phosphorus**
- ✓ **Decreases bicarbonate levels**
- ✓ **Improves flocculation**
- ✓ **Increases nutrient uptake**
- ✓ **Reduces soluble salts and sulfur**
- ✓ **Non-corrosive**
- ✓ **No secondary containment**
- ✓ **Increases soil porosity**
- ✓ **Choose nutritive or flushing dose**

Burst Turf is a revolutionary injectable soil treatment based on the success of Eximo that helps reclaim damaged soils by aggressively lowering bicarbonate levels and solubilizing hardened deposits in soil. Bicarbonate in the soil interacts with calcium and as it dries forms calcium carbonate. This cementing action minimizes flocculation, water penetration, fertilizer efficiency and access to nutrients in the soil.

When injected into your irrigation water, Burst Turf delivers hundreds of thousands of gallons of safe low pH water through your soil. The heavy SynTech dose reacts instantly with the deposits, freeing bound-up nutrients previously unavailable to the plant. The newly solubilized calcium also helps flush unwanted salts. The result is an improved soil profile and a plant renewed with increased calcium, phosphorous, nitrogen, zinc and other key nutrients.

An alternative higher recommended dose for those looking to flush their soil pushes even more Burst through the soil profile. Burst Turf can provide up to a 40% drop in bicarbonate and sodium levels in a single application. What's more, regular treatments of appropriate levels can inoculate your entire course from the dangers and headaches caused by poor water. And all starting as low as \$20 per acre.

The unique properties of Burst Turf come from the proven power of its key ingredient: SynTech[®]. SynTech has a pH of zero yet is 100% acid free. It is non-fuming, non-corrosive, non-irritating, 100% biodegradable, non-mutagenic to fish & wildlife and requires no secondary containment. SynTech poses no threat to any part of your irrigation system. In fact, regular use of Burst Turf will remove all scaling and clogging from your lines and emitters.

Powered by




The combination of removing clogging deposits, lowering salts and releasing nutrients delivers increased water management, soil porosity and health after one use.

Flushing Dose

Using acidifying agents is not new to turf managers looking to flush their soil. But until now their options have been limited to weak acids or endangering turf health with high doses of stronger acids. SynTech is stronger than sulfuric acid and can be dosed at any strength with no possible danger to the plant, equipment or environment.

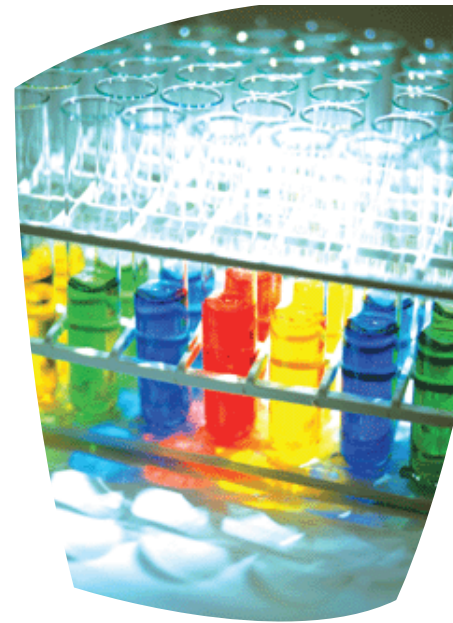
A flushing dose of Burst delivers an irrigation cycle of 2-3 pH water. The reaction commonly lowers bicarbonate in the soil by 40-50% after a single application by disbanding calcium carbonate.

Burst also solubilizes large amounts of calcium in the soil, either from native calcium or that applied by the turf manager.

Tests show dramatic increases in free calcium immediately after the application, along with spikes in other salts like Na, P, K and Mg. Solubilizing these deposits leave free space in the soil, providing an improved environment for leeching.

The increased soil porosity and large calcium spike leads to reductions of soluble salts, often between 30 and 40%. Some customers have experienced free sodium drops of 65% and sulfate-sulfur drops as high as 40%.

Two-thirds of all salt reduction was soluble sodium and sulfate-sulfur. Again, the application was not followed by an increase in sulfate-sulfur levels, typical of sulfuric acid based amendments.



Soil Results

| | pH | P | K | Ca | Mg | Na | Cl | Sol. Salts | Bicarbonate |
|---------------|-----|----|----|-----|-----|-----|-----|------------|-------------|
| Before | 7.8 | 10 | 38 | 460 | 234 | 143 | 143 | .36 | 122 |
| After | 7.8 | 5 | 35 | 371 | 173 | 118 | 114 | .26 | 55 |

| Calcium Carbonate Dissolving Properties | |
|---|------|
| SynTech | 10.3 |
| Sulfuric Acid | 8.4 |
| Urea Sulfuric Acid | 7.2 |
| Urea HCl Acid | 6.1 |
| Polymaleic Acid | 1.3 |
| Phosphoric | 0.9 |

Percent of calcium carbonate dissolved w/ three minute exposure.

Nutritive Dose

First, understand that there is no food for the plant in SynTech. It is not buffered with urea (nitrogen) and it contains no calcium or other nutrient.

Light doses of Burst solubilize calcium, phosphorous, magnesium and other nutrients. Increases in other nutrients further improves plant vigor and often deliver a noticeable boost in health and stamina.

The combination of freeing nutrients and improving soil porosity delivers superior plant health and root mass in any geography.

Tissue Results

| | N | P | K | Ca | Mg | Zinc ppm | Copper ppm | Manganese ppm | Boron ppm | Iron ppm |
|---------------|------|------|------|-------|------|----------|------------|---------------|-----------|----------|
| Before | 4.3 | 0.4 | 1.58 | 0.55 | .18 | 50.76 | 8 | 16 | 12.5 | 178 |
| After | 5.6 | 0.5 | 1.34 | 0.63 | .23 | 64.34 | 8 | 46 | 12.7 | 1200 |
| | 30%↑ | 25%↑ | 36%↓ | 123%↑ | 30%↑ | 27%↑ | 0% | 287%↑ | 1%↑ | 674%↑ |

Dose Rates

Nutritive Dose

Inject 100 gallons of Burst in evenly during your irrigation cycle. To ensure an effective dose do not put out more than 250,000 gallons of water. Those wanting to use more water should use should inject one part Burst to every 2,500 gallons of water. For cool season grasses consult your local UAP representative for dose rates in your area.

Flushing Dose

Inject 165 gallons of Burst in evenly during your irrigation cycle. To ensure an effective dose do not put out more than 250,000 gallons of water. Those wanting to use more water should use should inject one part Burst to every 1,500 gallons of water. For cool season grasses consult your local UAP representative for dose rates in your area.

For more information, call 877-424-6979 or visit www.enviromfg.com to learn more.