

Signature S.H.O.T.

Simplified Healthy Options for Turf



Black Layer Flush

Black Layer occurs due to a lack of oxygen in the soil. Soil Flushed with solubilizing surfactants and calcium can reverse black layer.

Conditions:

- ▶ Compacted Soils
- ▶ Typically high iron & Sulfur levels due to poor percolation.
- ▶ Soil smells of “rotten eggs” which is hydrogen sulfide created by anaerobic conditions.

Application Rates

250- 500 Kg/HA

pHusion Calcium Sulfate

10 L/HA

FloThru, A-Plus®

90 - 120 Minutes

Irrigation



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Nutritional Management For BLACK LAYER

24- Hour Black Layer Reduction treatment.

pHusion Calcium Sulfate (Soluble Granule)

- ▶ Calcium to Flocculate Soil
- ▶ Dissolves Immediately with water
- ▶ Organic Acid releases tied up soil calcium

FloThru, A-Plus®

- ▶ Solubilizing Surfactant evenly moves water through soil.
- ▶ Salicylic Acid (SA) turns on a plants Systemic Acquired Resistance (SAR)
- ▶ Extended-Release Acid & Solubilizing Surfactant

Irrigation Flush is critical

- ▶ 90 - 120 Minutes of irrigation is typically the amount of time required for a successful flush.
- ▶ Moves the dissolvable pHusion Calcium Sulfate and Flo Thru, A-Plus® into the black layer.
- ▶ The weight of the irrigation water will displace a wide variety of nutrient salts, increase soil porosity and soil firmness.
- ▶ When irrigation stops, oxygen will be sucked into the soil which will increase aerobic soil conditions.

Depending on black layer severity additional Flushes may be required.

Local Product Supplier

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These nutrient rich products have been formulated and paired together for applications based on agronomic science with the intent of correcting critical nutrient deficiencies and environmental conditions so to increase the immunity and health of the turf plant without the need of chemical inputs. These are not pesticides or fungicides and make no claim to cure or prevent a pathogen or pest.