

# AquaFirst Technologies Inc.

PO Box 5416

Victoria, BC V8R 6S4

## Lassenite Turf Application Guidelines

Lassenite is most effective when applied at a rate of 10 to 20% in the top 4 to 6 inches (6 cm. to 10 cm.) of the soil profile. Water retention tests show that the majority of water retained in the Lassenite is available for use by the turf. Once Lassenite has been applied turf will grow deeper and denser roots and the surrounding soil will exhibit more efficient movement of water and air. Application should only be done in dry weather and with dry field conditions.

### LASSENITE ATS

**Lassenite ATS** is kiln fired or calcined at very high temperatures to produce a ceramic-like textured particle that will not breakdown in shape or size. This material is used primarily for topdressing after aeration or injection into the root zone. It is important to ensure that the turf is relatively dry before application and that there is no chance of rain before the application process is complete.

**Topdressing Existing Lawns/Sports Fields:** Application of 300 to 500 pounds per 1,000 ft.<sup>2</sup> (1.5 kg to 2.5 kg. per m<sup>2</sup>) of turf is recommended. Application can be performed by the use of a drop spreader. Prior to application, the lawn should be aerated and the resultant plugs removed. Utilizing dragnets and thoroughly watering the lawn increases the amount of Lassenite entering the soil profile. .

**Topdressing Golf Course Fairways/Rough/Tee Boxes:** Application of 300 to 500 pounds per 1,000 ft.<sup>2</sup> (1.5 kg to 2.5 kg. per m<sup>2</sup>) of turf is recommended subsequent to aeration The Lassenite should be brushed or the area back dragged to fill core aeration holes

**Injection:** Application of 300-500 pounds per 1,000 ft.<sup>2</sup> (1.5 kg to 2.5 kg. per m<sup>2</sup>) is recommended when utilizing drill and fill or injection equipment.

Water thoroughly after application, maintain the current watering schedule for two weeks, then reduce watering as needed.

### -1/4 RAW LASSENITE

Natural Lassenite is sized to required specifications but not calcined. This material has a tremendous affinity for sandy soils and is used for existing and new construction such as golf courses, sports fields, and new lawns and can be mixed with a sand/soil mix prior to the application of sod or seed. Top dress using the same rates as Lassenite ATS

**New Construction:** Lassenite is most effective when applied at a rate of 10% to 20% by volume in the top 4 to 6 inches of the soil profile.

For a specific application rate for your project please consult with your local distributor