

DRAMATIC RECOVERY OF TURFGRASS AFTER IRRIGATION FAILURE WITH SUSTÅNE



The Summer of 2021 in Minnesota

brought turf managers the warmest median temperature on record for the state coupled with well below average precipitation. Properties with irrigation failures showed alarming results in a very short period of time. Unfortunately, as was the case with many, this residential property had substantial turf injury and death due to irrigation failure. The approach to this lawn immediately turned to a renovation due to the amount of area that was affected. The idea behind the renovation process listed below was to try and incorporate seed at different depths, along with supply the soil with beneficial nutrients that directly impact the microbial community, and in return providing a great source of nutrition for the establishing seeds.

Turfgrass Recovery Treatment Regime:

1. Aeration- Multiple passes. Vertical, Horizontal, and Diagonal
2. Apply Suståne 4-6-4 at 50 lb per 1,000. This was sold as a light topdressing application.
3. Apply seed at ½ the total desired rates
4. Using a drag mat hooked behind a ride-on machine the lawn was dragged to incorporate the seed, and the Sustane 4-6-4 into the soil
5. Aeration single pass
6. Application of Suståne Soil ReGen® at 25 lb per 1,000 ft²
7. Other ½ rate of seed
8. Drag
9. Water

Chad Z.
Product Manager
HLS Outdoor



BEFORE, 08/11

▲ View of property facing northwest. Scorched turfgrass issues leave an established lawn destroyed.



1 MONTH, 09/13

▲ Aggressive treatment included reseeding with Suståne 4-6-4 and Suståne Soil ReGen® to quickly recover this lawn.



BEFORE, 08/11

◀ View of property facing west.
Scorched turfgrass issues compounded
by aggressive weeds.

1 MONTH, 09/13



▶ Same view, 1 month after recovery
treatment with Sustane 4-6-4 and Sustane
Soil ReGen®.

Sustane Soil ReGen®

Soil ReGen® is a soil conditioner that reduces soil compaction, increases water and air infiltration and improves the nutrient and water holding capacity. Soil ReGen supplies organic-rich and biologically stable humates and organic matter, beneficial microorganisms, organic nutrients and structural minerals - all in dry, uniform particle size.

*For more information, contact your distributor,
or Sustane Natural Fertilizer.*

