

Summer Turfgrass Stress Reduction With



Summer Stress Factors on Turfgrass



Heat Stress

Prolonged high temperatures impair photosynthesis, reduce root mass and weaken overall plant health.

Turf becomes more susceptible to disease, thinning and discolouration.



Drought & Water Restrictions

Limited water availability can lead to reduced turf density and wilting.



Increased Wear & Tear

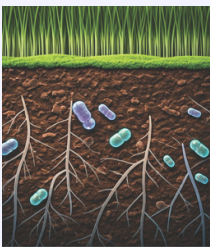
High footfall from peak playing seasons places additional mechanical stress on the turf.

How OceanGlas Helps Alleviate Summer Stress

Increased Beneficial Soil Microbiology

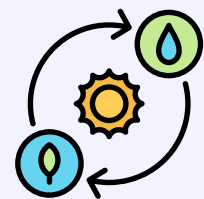
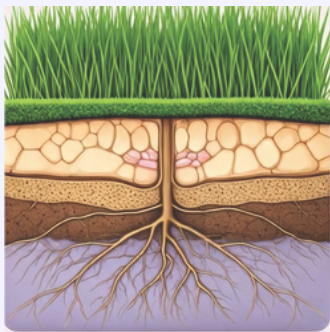
Stimulates microbial activity in the rootzone, helping with nutrient cycling even during dry periods.

Supports long term soil structure and health for faster recovery post stress.



Strengthens Root Development

Encourages deeper and stronger roots to access moisture and nutrients more effectively. Supports stability under heavy traffic and mechanical stress.



Enhances Heat & Drought Tolerance

Bioactive compounds such as alginates and mannitol help improve osmotic regulation and water retention.

Increases proline accumulation to support internal plant resilience under drought conditions.

Boosts Turf Colour & Recovery

Increases chlorophyll production and content, improving turf colour, even under stress.

Faster post wear recovery through enhanced turf metabolism and energy transfer.



Application Advice for Summer Months



Rate

20L - 30L Per Hectare.
4-6oz per 1000sq.



Frequency

Every 10-14 days (Adjust
depending on stress severity).