



Global Turf Consulting

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Merlion Zoysia.

Merlion Zoysia is highly adapted to heat, saline or sodic soils, heavy traffic & low mowing.



Recommended for Sports Fields, Golf Courses & Tennis Courts.

Merlion is a 'matrella' variety that offers a fine blade & its natural dark green color makes it stand out against local zoysias. Because it is highly adapted, verticutting & topdressing are needed to balance the aggressiveness of this grass. As it can grow quite high if left unmown, Merlion is ideal for courses that want to host professional golf tournaments that requires penalizing rough.

Its temperature range of adaption is within 40 degrees latitude to the equator. Merlion is not as winter hardy as Cheba & performs best at altitudes lower than 500 metres.

Merlion is quite tolerant to salt concentrations. On a suitably drained profile Merlion can tolerate soil concentrations in excess of 4,000 ppm total salts.

Merlion will survive droughts with minimal water availability. 25 – 50mm of water weekly to the plant will provide an acceptable turf surface. It recovers slower from injury than bermuda. As Merlion forms a dense turf, it will prevent the presence of many turf weeds when properly maintained. It has a good tolerance to herbicides. Insects are not a real problem.

Merlion grows best in soils with a pH range of 5.5 – 7.0. Soil levels of 70kg/hectare of phosphorus & 90 – 140kg/hectare potassium will provide a healthy growing plant. Nitrogen applied at 300gms/100m² per month will provide a healthy plant when combined with the recommended phosphorous & potassium.

Merlion does produce some seed heads, but successful propagation is best by sprigs or sod.