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Liquid Gypsum

Impact Liquid Gypsum improves soil structure by promoting flocculation, opening pore spaces to enhance infiltration and aeration. Calcium and sulphate ions displace sodium, helping flush soluble salts from the rootzone and reducing compaction. This supports stronger rooting, improved nutrient availability, and firmer, more resilient sports turf surfaces.

- Displaces sodium and flushes soluble salts from the rootzone, reducing osmotic stress on turf
- Reacts with soil carbonates and bicarbonates accumulated from poor-quality irrigation water, improving rootzone chemistry
- Liquid formulation ensures easier, more consistent application than granular or powder alternatives



Approximate longevity:
2-4 weeks



SGN/particle size:
-



Guaranteed analysis:
-



Nitrogen source:
-



Additional elements:
12.6% CaO, 31.3% SO₃



Application rate:
5-20 lt/ha



Suggested soil temperature:
Minimum: 5°C
Optimum: 15°C



Pack size:
10 lt

For use on:

- Greens
- Tees
- Fairways
- Fine Turf
- Outfields
- Sports Pitches
- Racecourses
- Polo



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Flocculating Degraded Soils

Calcium ions from liquid gypsum promote flocculation by binding fine soil particles into larger aggregates. This improves soil structure, creating larger pore spaces that enhance water infiltration, drainage, and aeration.

A well-flocculated rootzone reduces compaction risk, supports stronger rooting, and improves the effectiveness of subsequent fertiliser and irrigation applications — particularly valuable on high clay or sodium-affected soils.

Highly Effective in the following situations:

Compacted soils: where reduced pore space limits infiltration, aeration, and root development due to traffic or mechanical pressure

Sodium-affected soils: where excess sodium disperses soil aggregates, degrading structure and restricting drainage — common in coastal locations or where poor-quality irrigation water is used

Clay-dominated soils: where low macroporosity naturally restricts drainage, aeration, and rootzone gaseous exchange



The Benefits

The benefits of Impact Liquid Gypsum:

Liquid formulation allows deeper rootzone penetration compared to granular or powder alternatives
Immediately available calcium and sulphur for rapid soil chemistry correction
True solution formulation eliminates the risk of blocked filters or nozzles during application
Purpose-formulated for sports turf — not an industrial by-product, ensuring consistent quality and reliable performance

Application Information

For use on all sports and amenity turf: Apply 5–20 L/ha in 200–400 L/ha of water as a soil-targeted application.

Irrigate thoroughly after application to move calcium and sulphate ions into the rootzone and minimise leaf residue. For best results, apply in the early morning or evening, avoiding application during periods of heat stress or peak summer temperatures above 25°C.

Repeat applications at regular intervals deliver the most consistent structural improvement.



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