

100% Liquid Concentrate

GMX Kelp Xtra is a concentrated blend of natural plant hormones derived from the fastest growing seaweed on the planet

Analysis (w/v)

Nitrogen (N) - Total %	3.0
Phosphorus (P) - Total %	1.5
Potassium (K) - Total %	0.5
Zinc (Zn) - Total %	0.5
Fulvic Acid	0.5
Hormones present as auxins	50,000 µg/L

APPLICATION RATE

200 - 400 mL per 100m² (20 - 40 L/ha)

Benefits of GMX Kelp Xtra

- ✓ Manipulates plant hormone system to stimulate roots.
- ✓ Encourages growth and expansion of the root system.
- ✓ Added NPK for immediate growth boost.
- ✓ Inclusion of zinc to facilitate cell division of new growing points.
- ✓ Improved water and nutrient uptake efficiency.
- ✓ Overcomes stress conditions..

Plant hormones regulate the rate and direction of growth in most plants. Auxins are produced in the shoot tips and translocate downwards. They signal to the roots the amount of leaf mass that present.



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Cytokinins are produced in the root tips and translocate upwards. They signal to the rest of the plant the amount of root mass that is present.

This mechanism helps the plant to determine the best area to focus energy on to optimise growth. In modern turfgrass management, the frequent removal of leaf matter can create an imbalance in hormone levels between the shoots and roots. This causes the plant to limit root development due to a lack of auxin creation by the leaf growing points.

GMX Kelp Xtra contains high levels of the seaweed *Ecklonia maxima*. With an auxin to cytokinin ratio of 350:1, high quality, naturally occurring auxins are delivered via foliar application and tip the hormone balance back in favour of auxin and root development is the result.

When the extra auxin has been utilised and the root mass has increased the plant will detect that it can now initiate shoot growth.

By optimising this natural plant function, applications of GMX Kelp Xtra creates a see-saw effect with the plants growth cycle giving curators confidence in the health of the parts of the plant that can't be seen.

GMX Kelp Xtra contains a high concentration of auxins to deliver an increase of root mass.

Contact Greenway Turf Solutions to learn more

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