



ALISRA AGRO SCIENCES

From the Ocean Floor to Your Fields

KelpCore – Premium Seaweed Extract (+TE)

Sourced from **Ascophyllum nodosum**
Norwegian kelp · 50% Seaweed
Oligosaccharides · 1,100 ppm Natural PGR ·
100% Water Soluble

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100% Water Soluble

10% Trace Elements

36 Month Shelf Life



Why KelpCore?

Six reasons why progressive Pakistani farmers are switching to seaweed-powered agronomy.



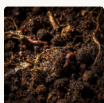
Natural PGR Stimulation

1,100 ppm of cytokinins, gibberellins & IAA promote cell division, root initiation, and stem elongation - without synthetic hormones.



Root & Shoot Vigour

Seaweed oligosaccharides stimulate early root development - critical during germination, transplanting, and early vegetative stages.



Soil Microbial Stimulation

Oligosaccharides and 40% organic matter serve as prebiotics for beneficial bacteria and mycorrhizal fungi - building long-term soil capital.



Stress Recovery & Resilience

Mannitol (1.5%) and alginic acid (10%) strengthen cell membranes and accelerate recovery from drought, heat, and salt stress.



Enhanced Nutrient Uptake

Alginic acid chelates calcium, magnesium, iron & zinc - boosting availability in Pakistan's challenging high-pH soils.



Complete Trace Element Profile

10% trace elements - iron, manganese, zinc & copper - support enzyme activation, chlorophyll synthesis, and full metabolic function at all growth stages.

Guaranteed Analysis

Consistent nutrients, measured for reliable results.

Seaweed Oligosaccharides	50%
Alginic Acid	10%
Organic Matter	40%
Trace Elements (TE)	10%
Mannitol	1.5%
Natural PGR*	1,100 ppm
Water Solubility	≥99%
Shelf Life	36 months

400

Cytokinin
ppm

500

Gibberellin
ppm

200

IAA
ppm

1,100

Total PGR
ppm

Crops & Application Guide

Three flexible application methods - foliar, drip fertigation, and seed dressing - across all major Pakistani crops.



Foliar Spray

180–245 g/acre · Dissolve in 150–200 L water. Apply 2–3× per season at pre-flowering, boll/fruit set & vegetative stages. Dilution: 1:2000–3000



Drip / Fertigation

2.4–6 kg/acre · Inject via irrigation system. 2 applications per season at germination and active vegetative growth. Dilution: 1:1000–3000



Seed Dressing

0.5 g per kg seed · Mix dry with seed before sowing. Improves germination rate and seedling vigour from day one.

Crop	Foliar Rate	Apps	Key Timing
Cotton	200–245 g/ac	3×	Square · Flowering · Boll
Sugarcane	200–245 g/ac	2×	Tillering · Grand growth
Wheat / Cereals	180–200 g/ac	2–3×	Tillering · Jointing · Heading
Chili / Tomato	180–200 g/ac	3×	Transplanting · Flowering · Fruit set
Fruit Trees	200–245 g/ac	2–3×	Bud break · Fruit set · Pre-harvest
Mango / Citrus	200–245 g/ac	3×	Flush · Flowering · Fruit dev.

Available Packaging

Two pack sizes designed for every farmer — from first-time trials to full-season programs.

500 g — Foliar Trial Pack

Covers 2–3 foliar applications on 1 acre. Ideal for first-time buyers, small farmers (1–3 acres), and dealer demo conversions.

1 kg — Full Season Pack

Complete foliar program for 2 acres, or foliar + partial drip on 1 acre. Best for medium farmers (3–10 acres) and repeat purchases.

Why Powder Over Liquid?

Feature	KelpCore Powder	Typical Liquid (500 mL)
Active Oligosaccharides	50%	1–6%
PGR Content	1,100 ppm	20–200 ppm
Shelf Life	36 months	12–24 months
Shipping Weight	Light — low freight	Heavy — 80% water
Heat/Freeze Damage	None	Risk in transit

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