walnuts

- Improves rooting of nursery trees
- Stimulates root and shoot development after establishment
- Improves the development of new roots in spring
- Increases nut set and retention of bearing trees
- Increases nut yield

kelpak

Kelpak is a natural biostimulant manufactured from the brown kelp *Ecklonia maxima*, found on the west coast of South Africa. Kelpak is produced using a cold cellular burst extraction method to preserve the delicate compounds in the cell sap. The end product significantly improves overall plant growth and increases walnut yield.

UNIQUE CELLBURST PROCESS cellburst FOR CONSISTENT RESULTS

Approved by ECOCERT INPUTS

A global leader in seaweed products for over forty years

Yield responses with Kelpak in walnuts

REGION	VARIETY	YEAR	TRIALS	CONTROL kg/ha	KELPAK kg/ha	KELPAK INCREASE %
California	Chandler	2008	1	7202	8420	17
		2009	1	8620	8916	3
	Tulare	2008	1	7424	8913	20
		2009	1	8386	8842	5
Chile	Chandler	2012	6	4781	5731	20
		2013	7	5862	6812	16
	Serr	2013	2	5861	6928	18
		2015	3	4217	5259	25
South Africa	Chandler	2016	1	2249	2418	7
		2017	1	2039	2420	8

CATKIN DEVELOPMENT STAGE

RECEPTIVE PISTILLATE STAGE

RECOMMENDED APPLICATION RATE

Established trees Apply a minimum of 3 L/ha, not more dilute than 300 ml/100 L water (0.3%), 2 to 3 times between catkin development and receptive pistillate stages

Tree establishment Apply 2 L of a 1% Kelpak solution (1 L Kelpak in 100 L water) as a soil drench directly after planting, or drench the nursery bag with the solution directly before plant-out

Follow up with foliar sprays of 2 L/ha (0.2%) with 3 to 4 week intervals during early growth

Kelpak is manufactured using the unique cold Cellburst extraction process

For more information visit our website kelpak.com, email info@kelpak.com or call us on +27 (0) 21 786 2090