

onions



- Increases root number and mass
- Improves nutrient uptake
- Better shoot development after establishment
- Increases chlorophyll content and photosynthesis
- Increases bulb size and more marketable bulbs
- Increases yields



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 onion yields.

A global leader in seaweed products for over forty years





Kelpak on onions globally				
COUNTRY	NUMBER OF TRIALS	RATE (L/ha)	FIRST APP. BBCH	AVE. YIELD INCREASE
SOUTH AFRICA	2	2 L x 3	13	14%
CALIFORNIA	2	2 L x 3	14	18%
MEXICO	1	2.5 L x 2	30, 60 DAE ²	13%**
HUNGARY	1	2 L x 3	13	14%*
SERBIA	2	dip ¹ + 2 L x 2	13	33%*

*Increase in bulb mass
 **First grade onion
 1 Bulb dip with plant
 2 Days after emergence



RECOMMENDED APPLICATION RATE

Seedling dip: Dip the roots of seedlings (or seedling tray) in 1% Kelpak before transplanting into the field or greenhouse

Foliar spray: Follow up with a 2-3 L/ha Kelpak foliar spray 14 days later (3-4 leaf stage, direct seeded plants) and repeat the foliar spray once or twice at 14 day intervals or 3 L/ha 14 days after transplant (3-4 leaf stage) and repeat the foliar spray once, 14 to 21 days later

Kelpak is manufactured using the unique cold Cellburst extraction process



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