



1 LG-1

Plant Growth Stimulant

Produced from freshly harvested kelp (Ecklonia maxima)

Plantgroeistimulant

Vervaardig van varsgeoste seebamboes (Ecklonia maxima)

Active Ingredients/Aktiewe Bestanddele

From/Van Ecklonia Maxima
 Auxins/Ouksiene: 11mg/L (11.33mg/kg)
 Cytokinins/Sitokiniene: 0.031mg/L (0.032mg/kg)
 SG:1.08 (20 deg Cel)



25L

Reg. No. L8274 Act 36/1947

AfriKelp® LG1 – General Dose Recommendations

Crop Family	Where/When	Objective	Type of Application	Rate	Time of Application and Strategy
Vegetables (Leafy, Onions, Garlics, etc.), Flowers, etc.	Nurseries	Root growth	Dip/Drench	1%	During the production of seedlings/plants for 5 – 10 minutes
	Planting	Root growth	Dip/Drench	1%	Seedlings, tubercules, stalks, etc. before transplanting for 5 – 10 minutes
	After Planting/ Shoot Growth/ Flowering	Root growth	Foliar spray	3 L/Ha	At 3 – 5 leaf stage followed by 2 – 3 applications every 14 – 21 days
		Fruit set and number of seeds	Foliar spray	3 L/Ha	At the beginning of flowering and/or full bloom
		Fruit size and quality parameters	Foliar spray	3 L/Ha	2 – 3 applications after fruit set every 7 – 14 days
Cereals	Seed Treatment	Root growth/crop's establishment	Dipping	2 – 4 L/Ton of seeds	Use AfriKelp in combination with Fungicides. With Soy Beans, add liquid inoculant at 500ML/Ha
Row Crops, Cereals	After Planting	Root growth	Foliar spray	0.5 – 3 L/Ha	At 3 – 5 leaf stage followed by 2 – 3 applications every 14 – 21 days
Fruit Trees: Evergreen Trees (Citrus, Avocados, Mangos, etc.), Deciduous Trees (Stone Fruits, Pome Fruits, Almonds, Walnuts, Hazlenuts etc.), Berries, etc.	Nurseries	Root growth	Dip/Drench	1%	Cuttings, bags, seedlings, etc. for 5 – 10 minutes
		Root growth and trunk diameter	Foliar spray	0.5 %	At 2 – 3 leaf stage followed by 1 – 2 applications every 14 days
	Planting	Root growth	Dip/Drench	1%	Dip roots or drench plants in bags
		Root and shoot growth	Foliar spray	3 – 4 L/Ha	At emergence of leaves or at 10 – 15 cm sprout length
		Fruit set	Foliar spray	3 – 4 L/Ha	1 – 3 applications at the beginning of flowering; full bloom and petal fall
		Fruit size	Foliar spray	3 – 4 L/Ha	2 – 3 applications after fruit set during fruit growth every 7 – 14 days
	Fruit quality parameters: colouring, sugar content, dry matter, polyphenols, oil, weight, etc.	Foliar spray	3 – 4 L/Ha	2 – 3 applications during fruit growth until start of colouring every 7 – 10 days	
Post Harvest	Root growth and nutrient reserves	Foliar spray	3 – 4 L/Ha	1 – 2 applications after harvest or at the beginning of autumn every 14 days in deciduous trees	
Pastures, Sport Fields, Fairways, Golf Green	Sowing	Emergence and root growth	Seed treatment	1%	Before or during sowing
	Established	Root growth and plant growth	Foliar spray	2 – 4 L/Ha	3 – 4 applications after cutting in spring or autumn every 10 – 14 days
Forest Plants and Ornamental Plants	Plantation	Root growth and plant growth	Dip/Drench	1%	Dip roots or drench plants in bags

AfriKelp® LG1 – Specific Dose Recommendations

Crop Family	Where/When	Objective	Type of Application	Rate	Time of Application and Strategy
Grapes	Established	Fruit size and in seedless varieties	Foliar spray	2 – 4 L/Ha	2 – 3 applications at small berry sizes every 5 – 12 days (depending on variety) – mix with GA3
		Colouring	Foliar spray	2 – 4 L/Ha	At start of colouring or veraison followed by 1 application after 7 – 14 days
		Fruit set in seedless and seed varieties or wine grapes	Foliar spray	2 – 4 L/Ha	2 applications 10 days before flowering and at the beginning of bloom – mix with Boron and Zinc
Bananas	Planting	Root growth	Dip/Drench	1%	Dip roots or drench plants in bags
			Foliar spray	3 L/Ha	At 2 – 3 leaf stage followed by 2 – 3 applications every 14 – 21 days
	Established	Root growth	Drench	1%	2 – 3 applications on the crown with nematocide or alone each season
		Root and plant growth	Foliar spray	1 L/Ha	6 – 8 applications by plane every month with fungicides
	Fruit size	Dip/Foliar spray	1%	Dipping of bunch or direct spraying of the bunch	
Potatoes	Planting	Emergence and root growth	Dip	1%	Mix with fungicides in seed treatment
	Established	Fruit size and yield in market potatoes	Foliar spray	4 L/Ha & 2 L/Ha	Start with 4 L/Ha at 3 – 4 leaf stage followed by 2L/Ha 14 – 21 days later
		Number of seed potatoes	Foliar spray	2 L/Ha & 4 L/Ha	Start with 2 L/Ha at 3 – 4 leaf stage followed by 4L/Ha 14 – 21 days later

ALL RECOMMENDATIONS ABOVE ARE BASED ON FIELD EXPERIENCE AND TRIAL RESULTS WORLDWIDE BUT SHOULD BE ADAPTED TO LOCAL CONDITIONS AND/OR OPTIMIZED DEPENDING ON VARIETIES, SOIL, ENVIRONMENT AND FERTILIZATION PROGRAMS. AFRIKELP RECOMMENDS THE ADDITIONAL USE OF SURFACTANTS WITH THE FOLIAR SPRAY FOR BETTER PRODUCT UPTAKE. THE PH OF THE FINAL SOLUTION SHOULD BE BELOW 7.

Manufactured by/
 Vervaardig deur Afrikelp (Pty) Ltd.
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Consult Elim (Pty) Ltd for application rates on other crops. Raadpleeg Elim (Edms) Bpk vir besonderhede rakende die voorgestelde manier van aanwendig vir ander gewasse.

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WARNING: STORE IN A COOL PLACE OUT OF DIRECT SUNLIGHT/SHAKE WELL BEFORE USE/KEEP OUT OF REACH OF CHILDREN/DO NOT RE-USE THE CONTAINER/RESULTS CAN VARY DEPENDING ON CONDITIONS LIKE DIFFERING SOIL, WEATHER, DILUTIONS, ACCURACY OF APPLICATION/THE REGISTRATION HOLDER DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, HARM TO ANIMALS OR HUMANS OR LACK OF PERFORMANCE DUE TO INCORRECT USAGE AND DIFFERING CONDITIONS FROM THOSE OF WHEN TRIALS WERE DONE.