



LEILI 2000

Reg. No.: B4264 Act /Wet No. 36 of/van 1947

A foliar and root-applied organic seaweed extract with chelated micronutrients for use on various crops

'n Blaar- en wortel toegediende organiese seewier ekstrak met chelaad mikrovoedingstowwe vir gebruik op verskeie gewasse

FERTILIZER GROUP CODE:	2	MISSTOF GROEP KODE:
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GUARANTEED MINIMUM ANALYSIS:

Seaweed extract.....	144 g/kg.....	Seewier ekstrak
Alginic acid.....	11,2 g/kg.....	Alginaatsuur
Nitrogen (N).....	72 g/kg.....	Stikstof (N)
Phosphorous (P).....	10,3 g/kg.....	Fosfor (P)
Potassium (K).....	40 g/kg.....	Kalium
Zinc (Zn)*.....	9,6 g/kg.....	Sink (Zn)*
Copper (Cu)*.....	6,4 g/kg.....	Koper (Cu)*
Manganese (Mn)*.....	3,2 g/kg.....	Mangaan (Mn)*
Iron (Fe).....	12,8 g/kg.....	Yster (Fe)

Also contains naturally occurring auxins; cytokinins and gibberellins
Bevat ook natuurlik aangetrefde ouksiene; sitokinien en gibberelliene

Specific gravity 1,25 @ 20°C
Spesifieke gravitasie 1,25 @ 20°C

Manufacture date:
Vervaardigingsdatum:

Batch No.:
Lotnommer:

CONTENTS/INHOUD

Registration holder / Registrasiehouer:
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Leili 2000 is a concentrated seaweed extract formulated by chelated micronutrients that aid in maintaining optimum plant health. The well known growth promoting properties of the seaweed extract support vigorous root growth and chlorophyll production.

Leili 2000 is recommended for use during active vegetative growth and when fruit, seeds and storage organs are being developed.

Leili 2000 is also recommended when plants are recovering from periods of physiological stress.

Leili 2000 is readily absorbed by leaves and roots and can be applied either as a full cover foliar spray or root drench (see Directions for Use)

For optimum uptake, **Leili 2000** should preferably be applied during the early morning and late afternoon when the plants are not subject to moisture or heat stress.

Leili 2000 contains Alginates that are known to act as natural humectants. These compounds retain moisture and thereby can ensure a prolonged uptake of the nutrients and growth substances present.

Where a range of dosage rates is recommended use the lower rate of **Leili 2000** when plants are in the early stages of growth and the higher rate when the foliage is more dense. The higher rates can also be used after plants have been subjected to some form of physiological stress to encourage recovery and the resumption of normal growth.

Leili 2000 is a water based formulation and is compatible with most pesticides and nutrients. If in doubt consult with your **Leili 2000** supplier or carry out a simple miscibility test before preparing the spray mixture.

As a general rule **Leili 2000** should be applied with an approved wetting/spreading agent to ensure that the spray droplets do not simply wash off the leaf surface.

Leili 2000 can be applied as follows:

- At 7-14 day intervals
- After plants have been subjected to physiological stress
- During germination, transplanting, bud formation, fruit set, and periods of rapid fruit and storage organ development.

CROP	DOSAGE RATE	APPLICATION DETAILS
Seedlings	500 mℓ / 100ℓ water	Drench the seedling tray directly after planting and repeat once seedlings have emerged.
Transplants	500 mℓ / 100ℓ water	Dip the seedling roots in the solution at transplanting and drench the transplants at 7-14 day intervals to reduce mortality and promote root development.
Seed treatment	500 mℓ / 100ℓ water	Mix thoroughly with the seed and ensure uniform coverage. Will stimulate germination and root initiation.
Vegetables	500 mℓ / 1,0ℓ water	Apply as a full cover spray during the first 4-6 weeks of growth (vegetative phase). Apply at 7-14 day intervals. Use an approved wetter to ensure good coverage.
Potatoes	200 mℓ / 100ℓ water 2ℓ /ha 1ℓ/ha	Soak the seed potatoes in the solution before planting. Compatible with other approved growth stimulants and pesticides. Apply at 80% emergence when tuber initiation has commenced.

		Repeat application. Spray at 7-14 day intervals but avoid spraying at flowering.
Ornamentals	1ℓ/ha/ 1ℓ water 15mℓ	Apply as a full cover spray at 7-14 day intervals throughout the growing season. For home use apply 15 mℓ/1ℓ water as a drench or foliar spray
Field Crops	1ℓ/ha	Apply as a full cover spray at 7-14 day intervals commencing when the plants have sufficient leaf surface to absorb the solution.
Fruit trees (pome and stone fruit)	100mℓ/100ℓ water	Apply at: <ol style="list-style-type: none"> 1. Spring growth & early flowering 2. Petal fall 3. With each calcium spray Apply in minimum of 1000ℓ water per ha.
Grapes (wine and table)	100mℓ/ 100ℓ water (minimum of 1,5 2,0 ℓ/ha)	Apply at: <ol style="list-style-type: none"> 1. Separated flower buds 2. At petal drop before trusses become lignified. 3. With each calcium spray
Strawberries, tomatoes, peppers, cucurbits	1,5 – 2,0 ℓ/ha	Time sprays to coincide with flowering flushes, and immediately after petal drop.
Sub-tropical fruits (e.g mangoes, litchi etc)	1,5 – 2,0ℓ/ha	Apply at early flowering and at petal. Can be combined with calcium sprays.
Small grains	1,0 ℓ/ha	Apply at 1-2 node stage of growth.

Leili 2000 is 'n gekonsentreerde seewier ekstrak geformuleer deur chelaad mikro voedingstowwe wat behulpsaam is om optimale plantgesondheid te onderhou. Die welbekende groei bevorderderingseienskappe van die seewierekstrak wat die lewenskragtige wortelgroei en chlorofil produksie ondersteun.

Leili 2000 word aanbeveel vir gebruik tydens aktiewe vegetatiewe groei en wanneer vrugte, saad en opbergingsorgane ontwikkel.

Leili 2000 word ook aanbeveel wanneer plante herstel van periodes van fisiologiese stres.

Leili 2000 word geredelik deur blare en wortels opgeneem en kan toegedien word as 'n vol bedekking blaarspuit of worteldeurweking (sien Gebruiksaanwysings)

Vir optimale opname moet **Leili 2000** verkieslik toegedien word gedurende die vroeë oggend en laat middag wanneer die plante nie onderhewig is aan vog of hitte stres nie.

Leili 2000 bevat Alginaatsuur wat bekend is om as natuurlike humektante op te tree. Hierdie verbindings behou vog en daarmee 'n verlengde opname van die voedingstowwe en groeistowwe teenwoordig, te verseker.

Waar 'n reeks van dosisse aanbeveel word, gebruik die laer dosis van **Leili 2000** wanneer plante in die vroeë groeistadium is en die hoër dosis wanneer die loof digter is. Die hoër dosis kan ook gebruik word nadat die plante onderhewig was aan enige vorm van fisiologiese stress. om herstel aan te moedig en die hervatting van normale groei,

Leili 2000 is 'n waterbasis formulاسie en is verenigbaar met die meeste plaagdoders en voedingstowwe. Indien enige onsekerheid bestaan, raadpleeg jou **Leili 2000** verskaffer of voer 'n eenvoudige mengbaarheidstoets uit voordat die spuitmengsel voorberei word.

As 'n algemene reël moet **Leili 2000** toegedien word met 'n goedgekeurde benatter om te verseker dat die spuitdruppels nie afwas van die blaaroppervlak nie.

Leili 2000 kan soos volg toegedien word:

- Met 7-14 dae intervalle
- Nadat plante onderhewig was aan fisiologiese stres.
- Gedurende ontkieming, oorplanting, bloeiselvorming, vrugvorming en periodes van vinnige vrug en opbergingsorgaan ontwikkeling.

GEWAS	DOSIS	TOEDIENINGS DETAIL
Saailinge	500 ml/ 100l water	Week die saailingskinkbord direk na plant en herhaal nadat die saailinge opgekom het.
Oorplantings	500 ml / 100l water	Doop die saailing wortels in die oplossing met oorplanting en doop die plantjies met 7-14 dae intervalle om afsterwing te verminder en wortelontwikkeling te bevorder.
Saadbehandelings	500 ml / 100l water	Meng deeglik met die saad en verseker eenvormige bedekking. Sal ontkieming en wortelontwikkeling stimuleer.
Groente	500 ml / 1,0l water	Dien toe as 'n volbedekking spuit gedurende eerste 4-6 weke van groei (vegetatiewe fase). Dien toe met 7-14 dae intervalle. Gebruik 'n goedgekeurde benatter om goeie bedekking te verseker.
Aartappels	200 ml / 100l water 2l /ha 1l/ha	Week die saadaartappels in die oplossing voor plant. Verenigbaar met ander goedgekeurde groeistimulante en plaagdoders. Dien toe by 80% opkoms wanneer knolvorming begin het.

		Herhaal toediening. Spuit met 7-14 dae intervalle maar vermy bespuiting tydens blomstadium.
Sierplante	1 ℓ/ha/ 1ℓ water 15mℓ	Dien toe as 'n volbedeking spuit met 7-14 dae intervalle regdeur die groeiseisoen. Vir huisgebruik dien 15 mℓ/1ℓ water as 'n deurweking of blaarspuit toe.
Veldgewasse	1ℓ/ha	Dien toe as 'n volbedeking spuit met 7-14 dae intervalle wat begin wanneer die plante genoeg blaaroppervlakte het om die oplossing te absorbeer.
Vrugtebome (appels en sagte vrugte)	100mℓ/100ℓ water	Dien toe tydens: <ol style="list-style-type: none"> 1. Lente groei & vroeë blomstadium 2. Kroonblaar val 3. Met elke kalsium spuit. Dien 'n minimum van 1000ℓ water per ha toe.
Wingerd (wyn en tafel)	100mℓ/ 100ℓ water (minimum of 1,5 2,0 ℓ/ha)	Dien toe tydens: <ol style="list-style-type: none"> 1. Blombloeisel verdeling 2. By kroonblaar val voordat trosse verhout 3. Met elke kalsium spuit.
Aarbeie, tamaties, rissies, pampoengewasse	1,5 – 2,0 ℓ/ha	Skeduleer bespuitings om ooreen te stem met blombloeisels en direk na kroonblaar val.
Subtropiese vrugte (bv. mangoes, litsjie ens.)	1,5 – 2,0ℓ/ha	Dien toe tydens vroeë blom en tydens kroonblaar. Kan gekombineer word met kalsium bespuitings.
Kleingraan	1,0 ℓ/ha	Dien toe by 1-2 node groeistadium.