ZINCMAX

LIQUID ORGANIC ZINC COMPLEX

FERTILIZER GROUP 2

A liquid organic zinc complex for use as a foliar nutrient on various crops to prevent or correct zinc deficiencies.

ACTIVE INGREDIENTS:
Zinc (Zn) .... 100 g/kg (130 g/ℓ)
Boron (B)…………………………………………………………………………………………. 5 g/kg (6.5 g/ℓ)

CONTENTS:
BATCH NO:
DATE OF MANUFACTURE:
UN No.: Not regulated

NULANDIS®

REGISTRATION HOLDER:

Nulandis® (A division of AECI Ltd)
Reg. No. 1924/002590/06
P.o. Box 14418
Witfield, 1467
Tel : (011) 823 8000
www.nulandis.com

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

- **ZINCMAX** is compatible with most commonly used foliar feeds, except foliar feeds with a high phosphorous content. However, it is recommended to do a compatibility test on a small area and observe the treated area for 3 days before doing commercial applications.
- Do not mix **ZINCMAX** with highly alkaline materials such as Lime sulphur or Bordeaux mixture.
- Where overhead systems are in use, avoid scheduling irrigation directly after application. In orchards equipped with micro irrigation systems, spray deposits should not be affected by irrigation.
- Use the lower concentration for maintenance, and the higher concentration for sufficient uptake.

APPLICATION TABLE:

CROP	DOSAGE/ha OR AS INDICATED	APPLICATION METHOD
APPLES, PEARS	50 - 100 mℓ/100 ℓ water to a maximum of 3 ℓ/ha	Apply 3 - 4 applications, 7 days after green tip, 14 days after petal fall and 14 days later. Apply in a minimum of 1 000 - 3 000 ℓ water/ha.
APRICOTS, PEACHES, PLUMS, NECTARINES	75 - 150 mℓ/100 ℓ water to a maximum of 1,5 ℓ/ha	Apply 2 applications, one before blossom and repeat again after harvest. Apply in a minimum of 1 000 ℓ water/ha.
AVOCADOS, MACADAMIAS	75 - 150 mℓ/100 ℓ water to a maximum of 7,5 ℓ/ha	Apply 2-3 applications. The number of applications will be determined by the severity of deficiency. Apply as an early spring treatment to flowers. In acute cases, repeat on new growth during the summer months. Use 4 000 - 5000 ℓ spray volume per hectare.
CHERRIES	50 - 100 mℓ/100 ℓ water to a maximum of 1 ℓ/ha	Repeat twice at 2-3 week intervals. Apply as a full cover spray as soon as possible after bloom. Apply in a minimum of 1 000 ℓ water/ha.
CITRUS	50 - 150 mℓ/100 ℓ water to a maximum of 3 ℓ/ha	Spray the new flush of growth in the spring. Repeat when necessary but avoid spraying during and prior to harvest. Apply in a minimum of 2 000 ℓ water/ha.
COFFEE	50 – 150 mℓ/100 ℓ water to a maximum of 2 ℓ / ha	Apply 2-3 applications depending on the severity of deficiency. The first application during November on new spring growth, the second application in January/February, followed by a third application 21 days later, if necessary.

FIELD CROPS		
COTTON	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply 1-2 applications. Apply early in the season when there is sufficient foliage to absorb the spray and if possible apply before symptoms appear. Apply in a minimum of 500 ℓ water/ha.
CRUCIFERAE, LETTUCE, TOMATOES, PEPPERS, CUCURBITS. TOBACCO	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply 1-2 applications. Repeated applications may be necessary depending on the degree of zinc deficiency. Apply in a minimum of 500 ℓ water/ha.
GRAPES	100 – 200 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply 2-3 times per season starting when shoots are 10 cm in length. A post-harvest application of 200 mℓ/100 ℓ water/ha can be applied if necessary.
MAIZE, BEANS, PEAS, SOYA BEANS, GROUNDNUTS	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply 1-2 applications. For best results apply early in the growing season, as soon as the crop has sufficient leaves to absorb the spray. Apply in a minimum of 200 ℓ water/ha.
MANGOES	75 mℓ/100 ℓ water to a maximum of 3 ℓ/ha	Apply as a spring treatment to flowers. In acute cases repeat during the summer months. Use 2 000 – 4 000 ℓ spray volume per hectare.
OLIVES	100 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Spray in the spring when new growth is starting, and repeat 3-4 weeks later. Apply in a minimum of 1 000 - 2 000 ℓ water/ha.
ONIONS	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply from golf ball size bulbs, and repeat 14 days later. Apply in a minimum of 500 ℓ water/ha.
PECANS	50 - 75 mℓ/100 ℓ water to a maximum of 3 ℓ/ha	Apply as a spring treatment to young foliage (spring flush). In acute cases repeat during the summer months. Use 2 000 - 4 000 ℓ spray volume per hectare.
POTATOES	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply at first signs of deficiency are noticed and repeat 3-4 weeks later if necessary. Apply in a minimum of 500 ℓ water/ha.
SWEETCORN	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Apply during early growth stages on young leaves in 250 ℓ water per hectare. Under conditions favourable for zinc deficiencies, successive applications are advisable.
TEA	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	Spray in the spring when new growth is starting, and repeat 3-4 weeks later. Apply in a minimum of 1 000 - 2 000 ℓ water/ha.
WHEAT, BARLEY, OATS	50 - 150 mℓ/100 ℓ water to a maximum of 2 ℓ/ha	For best results apply early in the growing season, as soon as the crop has sufficient leaves to absorb the spray. Repeat 3-4 weeks later if necessary. Apply in a minimum of 200 ℓ water/ha.

NOTE: **SPRAY VOLUMES AND DOSAGE APPLIED WILL BE DETERMINED BY THE ACTUAL TREE OR PLANT SIZE. THE DOSAGE IS DEPENDENT ON THE MAGNITUDE OF THE DEFICIENCY.**

IMPORTANT: **BEFORE APPLYING ZINCMAX CONSULT A QUALIFIED AGRONOMIST OR AGRICULTURAL ADVISER ON THE NECESSITY OF USING IT.**

ZINCMAX

VLOEIBARE ORGANIESE SINKKOMPLEKS

MISSTOF GROEP 2

‘n Vloeibare, organiese sinkkompleks vir gebruik as ‘n blaarvoeding op verskillende gewasse, om ‘n sinktekort te voorkom óf reg te stel.

AKTIEWE BESTANDDELE:
Sink (Zn) ....……………………………………………....... 100 g/kg (130 g/ℓ)
Boor (B)……………………………………………………………………………………………. 5 g/kg (6.5 g/ℓ)

INHOUD:
LOTNOMMER:
DATUM VAN VERVAARDIGING:
VN Nr.: Nie gereguleer nie

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<u>GEBRUIKSAANWYSINGS</u>: GEBRUIK SLEGS SOOS AANGEDUI

- **ZINCMAX** is verenigbaar met die mees algemene gebruikte blaarvoedings, behalwe blaarvoedings met 'n hoë fosfaat inhoud. Dit word egter aanbeveel dat ‘n toets op ‘n klein area gedoen word en dan nagegaan word vir 3 dae, voordat enige kommersiële toedienings gedoen word.
- Vermy mengsels van **ZINCMAX** en sterk alkaliese materiale soos kalkswael of Bordeaux mengsel.
- Waar oorhoofse besproeiing gebruik word, vermy besproeiing van behandelde gewasse direk na toediening. In boorde waar ‘n mikrobesproeiingstelsel gebruik word behoort spuitneerslae nie geaffekteer te word nie.
- Gebruik die laer dosis vir instandhouding, en die hoër dosis vir voldoende opname.

TOEDIENINGSTABEL:

GEWAS	DOSIS/ha OF SOOS AANGEDUI	TOEDIENINGSMETODE
APPELS, PERE	50 - 100 mℓ/100 ℓ water tot 'n maksimum van 3 ℓ/ha	Dien 3 - 4 behandelings toe, 7 dae na groenpunt, 14 dae na blomblaarval en 14 dae later. Dien toe in ‘n minimum van 1 000 - 3 000 ℓ water/ha.
APPELKOSE, PERSKES, PRUIME, NEKTARIENS	75 - 150 mℓ/100 ℓ water tot 'n maksimum van 1,5 ℓ/ha	Dien 2 behandelings toe, een vóór bloeiselvorming en ‘n volgende na oes. Dien toe in ‘n minimum van 1 000 ℓ water/ha.
AVOKADO'S, MAKADAMIAS	75 - 150 mℓ/100 ℓ water tot 'n maksimum van 7,5 ℓ/ha	Dien 2-3 behandelings toe. Die aantal toedienings hang af van die ernstigheid van dié tekort. Dien as ‘n lentebehandeling aan die blomme toe. In akute gevalle herhaal behandeling gedurende die somer maande. Gebruik 4 000 - 5 000 ℓ spuitvolume per hektaar.
KERSIES	50 - 100 mℓ/100 ℓ water tot 'n maksimum van 1 ℓ/ha	Herhaal tweekeer met intervalle van 2-3 weke. Dien toe as ‘n voldekbespuiting, so gou moontlik ná blom. Dien toe in ‘n minimum van 1 000 ℓ water/ha.
SITRUS	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 3 ℓ/ha	Bespuit die nuwe uitloop in die lente. Herhaal indien nodig, maar vermy behandeling van bome vóór óf tydens oes. Dien toe in ‘n minimum van 2 000 ℓ water/ha.
KOFFIE	50 – 150 mℓ/100 ℓ water tot ‘n maksimum van 2 ℓ/ha	Dien 2-3 bespuitings toe afhangende van die ernstigheid van dié tekort. Dien die eerste toediening toe gedurende November op nuwe lentegroei, die tweede toediening in Januarie/Februarie, gevolg deur ‘n derde toediening 21 dae later, indien nodig.
VELDGEWASSE		
KATOEN	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien 1-2 behandelings toe. Bespuit plante vroeg in die seisoen, wanneer daar genoeg blare is om die spuitstof te absorbeer, en indien moontlik bespuit plante voordat simptome verskyn. Dien toe in ‘n minimum van 500 ℓ water/ha.
KOOLGEWASSE, SLAAI, TAMATIES, SOETRISSIES, PAMPOENGEWASSE, TABAK	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien 1-2 behandelings toe. Herhaal behandeling indien sinktekort voortduur. Dien toe in ‘n minimum van 500 ℓ water/ha.
DRUIWE	100 - 200 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien 2-3 bespuitings toe per seisoen beginnende by 10 cm uitlooplengte. ‘n Na-oes toediening van 200 mℓ/100 ℓ water/ha kan toegedien word indien nodig.
MIELIES, BONE, ERTJIES, SOJABONE, GRONDBONE	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien 1-2 behandelings toe. Vir die beste resultate, dien vroeg in die seisoen toe, sodra die plante voldoende blare het om die spuitstof te absorbeer. Dien toe in ‘n minimum van 200 ℓ water/ha.
MANGOES	75 mℓ/100 ℓ water tot 'n maksimum van 3 ℓ/ha	Dien toe as ‘n lentebehandeling op die blomme. In akute gevalle herhaal die behandeling gedurende die somermaande. Gebruik 2 000 - 4 000 ℓ spuitvolume per hektaar.
OLYWE	100 mℓ/100 ℓ water tot 'n	Dien in die lente toe as die lote begin uitloop en herhaal 3-4

	maksimum van 2 ℓ/ha	weke later. Dien in ‘n minimum van 1 000 - 2 000 ℓ water toe.
UIE	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien toe vanaf gholfbalgrootte bolle en herhaal 14 dae later. Dien toe in ‘n minimum van 500 ℓ water/ha.
PEKANNEUTE	50 - 75 mℓ/100 ℓ water tot 'n maksimum van 3 ℓ/ha	Dien in die lente toe op jong blare (lente uitloop). In akute gevalle herhaal gedurende die somermaande. Gebruik 2 000 - 4 000 ℓ spuitvolume per hektaar.
AARTAPPELS	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien toe tydens die eerste tekens van ‘n tekort simptome en herhaal 3-4 weke later, indien nodig. Dien toe in ‘n minimum van 500 ℓ water/ha.
SUIKERMIELIES	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien gedurende die vroeë stadiums van blaarontwikkeling toe in 250 ℓ water/ha. Onder toestande wat sinktekorte bevoordeel word opeenvolgende behandelings aanbeveel.
TEE	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Dien in die lente toe, sodra nuwe blare ontwikkel en herhaal 3-4 weke later. Dien in ‘n minimum van 1 000 - 2 000 ℓ water/ha toe.
KORING, GARS, HAWER	50 - 150 mℓ/100 ℓ water tot 'n maksimum van 2 ℓ/ha	Vir die beste resultate, dien vroeg in die seisoen toe, sodra die blaaroppervlakte sodanig is dat optimale opname van die spuitmengsel sal geskied. Herhaal 3-4 weke later, indien nodig. Dien in ‘n minimum van 200 ℓ water/ha toe.

LET WEL: **SPUITVOLUMES WORD BEPAAL DEUR DIE WERKLIKE BOOM- OF PLANTGROOTTE. DIE DOSIS HANG AF VAN DIE GRAAD VAN DIé TEKORT.**

BELANGRIK: **VOORDAT ZINCMAX TOEGEDIEN WORD RAADPLEEG ‘N GEKWALIFISEERDE AGRONOOM OF LANDBOUKUNDIGE ADVISEUR OOR DIE NOODSAAKLIKHEID VAN DIE GEBRUIK DAARVAN.**