

SPRAYBOR®

Reg.No. B2414, Act No. 36 of 1947
Botswana Reg. No. W1301524, Act. No. 18 of 1999
Namibian Reg. No. N-F 1420

WATER SOLUBLE SODIUM BORATE

FERTILIZER GROUP 2

COMPOSITION:

Boron(B)165 g/kg



DANGER

GHS HAZARD STATEMENTS

Causes serious eye irritation.
May damage fertility.
May damage the unborn child

GHS PRECAUTIONARY STATEMENTS

Obtain, read, and follow all safety instructions before use.
Do not eat, drink when using this product.



REGISTRATION HOLDER:

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

SPRAYBOR® is the registered trademark of AECI® Limited

CONTENTS:

Batch No:

UN No.: **Not regulated**

WARNINGS:**GHS HAZARD STATEMENTS**

Causes serious eye irritation.
May damage fertility.
May damage the unborn child

PRECAUTIONS:**GHS PRECAUTIONARY STATEMENTS****Prevention**

Obtain, read, and follow all safety instructions before use.
Do not eat, drink when using this product.
Wear impervious rubber gloves and boots, protective clothing,
and chemical safety goggles.
Wash hands and face thoroughly after handling.
Do not touch eyes.

Response

If exposed or concerned, get medical advice.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue
rinsing. If eye irritation persists: Get medical help.

Storage

Store locked up.

Disposal

Dispose of contents/container in accordance with local and
national regulations.

RELEVANT SUBSTANCES:

Substance name (IUPAC/EC)	Concentration % by weight	GHS Classification
Boric Acid	>60%	Reproductive Toxicity (Category 1B), H360FD.
Sodium Carbonate	<10%	Serious Eye Damage (Category 2) H319.
Ethoxylated fatty alcohol	<10%	Serious eye damage (Category 1) H318.

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of **SPRAYBOR** and are therefore, in terms of the South African Regulations for Hazardous Chemical Agents - 2021; Regulation 14(b), not listed.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

SPRAYBOR is a water soluble form of boron which can either be applied as a foliar spray or as a direct soil treatment.
SPRAYBOR can either be applied at or before planting or as a foliar spray to crops.

DO NOT EXCEED A STOCK SOLUTION OF MORE THAN 5% FOR AERIAL APPLICATION.

COMPATIBILITY:

SPRAYBOR can be used with most commonly used foliar feeds. 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.

SPRAYBOR is not compatible with Zinc sulphate, Manganese sulphate, Lime sulphur or miscible oil formulations.

APPLICATION TABLE:

CROP	DOSAGE	APPLICATION METHOD
Apples, pears, apricots, plums, peaches, cherries	1,25 - 2,5 kg/ha Do not exceed a concentration of 100 g/100 ℓ water	Apply two treatments: 1. At 30% blossom. 2. Post harvest in autumn.
Grapes	1,0 - 2,5 kg/ha 50 - 100 g/100 ℓ water 100 - 200 g/100 ℓ water	Apply two treatments: 1. Just before the flowering stage. 2. Post harvest treatment.
Citrus	1,0 - 2,5 kg/ha Maximum of 25 - 50 g/tree	Spread evenly in the drip zone of the trees. Do not repeat within 3 years and do not treat young trees.
	1,0 - 2,5 kg/ha 100 - 200 g/100 ℓ water	Apply not more than once a year as a full cover spray. Use in 1 000 – 2 000 ℓ water/ha.
Potatoes, groundnuts and other crops	175 - 350 g/ha	Apply 4 - 5 times per season with 3 weekly intervals as either an aerial or tractor spray. During the following years, two treatments should be applied.
Onions	375 - 750 g/ha	Apply the first treatment 3 weeks after the plants have established and repeat 3 weeks later.
Sunflowers, Cauliflower, other cole crops and tomatoes	375 - 750 g/ha	Apply as a full cover spray. Repeat after new leaves have formed. If necessary, apply a third spray.
Cotton	375 - 750 g/ha	Apply as a full cover spray at, or shortly after, the flowering stage.
Flowers and Ornamentals	75 - 150 g/100 ℓ water	Apply 2-3 sprays at monthly intervals, starting as soon as plants have established.
Tobacco	350 - 750 g/ha	Apply 4 - 5 times per season with 3 weekly intervals. Apply as either an aerial or tractor application.
Avocados	1,25 - 2,5 kg/ha	Apply as a full cover spray to maintain boron levels. Repeat after harvest.
Macadamias	50 - 150 g/100 ℓ water	Apply as a full cover spray to maintain boron levels.
Lucerne 0-15% clay 16-30% clay > 31% clay 0-15% clay 16-30% clay > 31% clay	250 - 500 g/ha 500 - 1 000 g/ha 750 - 1 500 g/ha	1. Maintenance Treatment: Apply as an overall spray treatment 10 days after cutting.
	3 kg/ha 4.5 kg/ha 6 kg/ha maximum (incorporated into a depth of 10-15 cm)	2. Corrective Treatment: Apply a single application as an overall spray directly after cutting when analysis of the top 15 cm of the plant contains less than 20 mg Boron/kg (20ppm) before flowering. Boron levels can then be re-analysed and adjusted up if necessary, based on soil analysis.
Maize Pre-plant soil application 0-15% clay 16-30% clay	3 kg/ha 4.5 kg/ha	Spray evenly over the soil before final planting preparation, except where leaf analysis of the previous crop may allow omission of treatment.

> 31% clay	6 kg/ha maximum (incorporated into a depth of 10-15 cm)	
Sunflowers Pre-plant soil application 0-15% clay 16-30% clay > 31% clay	3 kg/ha 4.5 kg/ha 6 kg/ha maximum (incorporated into a depth of 10-15 cm)	Where sunflowers are to be grown, spray soil evenly before final preparation. Where leaf analysis of previous crop allows, treatment may be omitted.

IMPORTANT: Before applying SPRAYBOR, consult your local AECI Plant Health Crop Adviser on the necessity of using it. Use the lower recommended rates for maintaining boron levels. Use the higher recommended rates for correcting deficiencies. Where any of the Max range of fertilizers are being used in combination with SPRAYBOR, always use the lower recommended rates.

SPRAYBOR®

Reg.Nr. B2414, Wet Nr. 36 van 1947
Botswana Reg. Nr. W1301524, Wet Nr. 18 van 1999
Namibiese Reg. Nr. N-F 1420

WATEROPLOSBARE NATRIUM BORAAT

MISSTOF GROEP 2

AKTIEWE BESTANDDEEL:

Boor (B)165 g/kg

INHOUD:

Lotnommer:

VN Nr.: Nie gereguleer nie



GEVAAR

GHS GEVAARSTELLINGS

Veroorsaak ernstige oogirritasie.

Mag vrugbaarheid of die ongebore kind beskadig.

GHS VOORSORGSTELLINGS

Verkry, lees en volg alle veiligheidsinstruksies voor gebruik.

Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie.



REGISTRASIEHOUER:

Nulandis® ('n Afdeling van AECI Beperk)

Reg. Nr. 1924/002590/06

Posbus 14418

Witfield, 1467

Tel : (011) 823 8000

www.aeciph.com/ www.aeciworld.com

SPRAYBOR® is die geregistreerde handelsmerk van AECI® Beperk

WAARSKUWINGS:

GHS GEVAARSTELLINGS

Veroorsaak ernstige oogirritasie.

Mag vrugbaarheid of die ongebore kind beskadig.

VOORSORGMAATREËLS

GHS VOORSORGSTELLINGS

Verkry, lees en volg alle veiligheidsinstruksies voor gebruik.

Moet nie eet, drink of rook wanneer hierdie produk gebruik word nie.

Dra beskermende handskoene/beskermende

klere/oogbeskerming/gesigbeskerming/gehoorbeskerming,

Was hande en gesig deeglik na hantering. Moet nie aan oë raak nie.

REAKSIE:

INDIEN blootgestel of besorg, verkry mediese advies.

Indien velirritasie of uitslag ontstaan: Kry mediese hulp.

INDIEN IN OË: Spoel versigtig met water vir etlike minute. Verwyder kontaklense indien aanwesig en maklik om te verwyder. Hou aan met spoel.

BERGING:

Berg agter slot en grendel.

VERNIETIGING:

Raak ontslae van inhoud/houer soos voorgeskryf in die regulasies.

RELEVANTE STOWWE:

Naam van stowwe (IUPAC/EC)	Konsentrasie % per gewig	GHS Klassifikasie
Boorsuur	>60%	Reproduktiewe toksisiteit (Kategorie 1B), H360FD.
Natriumkarbonaat	<10%	Ernstige oogskade (Kategorie 2) H319.
Geëtikseleerde vetterige alkohol	<10%	Ernstige oogskade (Kategorie 1) H318.

NOTA: Die ander bestanddele wat nie hierbo gelys is nie, veroorsaak of dra nie by tot die korrekte GHS klassifikasie van **SPRAYBOR** nie en is daarom, in terme van die Suid-Afrikaanse Regulasies vir "Hazardous Chemical Agents" 2021; Regulasie 14(b) nie gelys nie.

GEBRUIKSAANWYSINGS: GEBRUIK SLEGS SOOS AANGEDUI

SPRAYBOR is 'n wateroplosbare vorm van boor wat óf as 'n blaarbespuiting óf as 'n direkte grondbehandeling toegedien kan word. **SPRAYBOR** kan vóór plant óf as 'n blaarbespuiting op gewasse toegedien word. **MOENIE 'N MENGOPLOSSING VAN MEER AS 5 % OORSKRY VIR LUGTOEDIENING NIE.**

VERENIGBAARHEID:

SPRAYBOR kan met die mees algemene gebruikte blaarvoedings gebruik word. 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. **SPRAYBOR** is nie verenigbaar met Sinksulfaat, Mangaansulfaat, kalkswael of mengbare olie formulasies nie.

TOEDIENINGSTABEL:

GEWAS	DOSIS	TOEDIENINGSMETODE
Appels, pere, appelkose, pruime, perskes, kersies	1,25 - 2,5 kg/ha Moenie 'n konsentrasie van 100 g/100 ℓ water oorskry nie	Dien twee behandelings toe: 1) Tydens 30% blom. 2) Na-oes in die herfs.
Druive	1 - 2,5 kg/ha 50 - 100 g/100 ℓ water 100 - 200 g/100 ℓ water	Dien twee behandelings toe: 1) Net vóór blomstadium. 2) Na-oes behandeling.
Sitrus	1,0 – 2,5 kg/ha Maksimum van 25 – 50 g / boom	Versprei egalig in die drupsone van die bome. Moenie binne drie jaar herhaal óf op jong bome toedien nie.
	1,0 - 2,5 kg/ha 100 - 200 g/100 ℓ water	Moenie meer as een keer per jaar toedien nie. Gebruik in 1 000 - 2 000 ℓ water/ha.
Aartappels, grondbone en ander gewasse	175 – 350 g/ha	Dien 4-5 keer per seisoen toe met tussenposes van 3 weke as of 'n lug- óf trekkerbespuiting. Gedurende die volgende jare sal net twee bespuitings benodig word.
Uie	375 – 750 g/ha	Dien die eerste bespuiting 3 weke na vestiging van plante toe en herhaal 3 weke later.
Sonneblomme, blomkool, ander koolgewasse en tamaties	375 – 750 g/ha	Dien as 'n voldekbespuiting toe. Herhaal nadat nuwe blare ontwikkel het. Indien nodig, dien 'n derde bespuiting toe.
Katoen	375 – 750 g/ha	Dien as 'n voldekbespuiting tydens óf kort na die blomstadium toe.
Blomme en Sierplante	75 - 150 g/100 ℓ water	Begin toedienings sodra plante gevestig is en dien 2-3 bespuitings met maandelikse tussenposes toe.
Tabak	350 – 750 g/ha	Dien 4 - 5 keer per seisoen toe met tussenposes van 3 weke, as óf 'n lug- óf trekkerbespuiting.
Avokado's	1,25 – 2,5 kg/ha	Dien as 'n voldekbespuiting toe, vir die instandhouding van boorvlakke. Herhaal na oes.
Makadamias	50 - 150 g/100 ℓ water	Dien toe as 'n voldekbespuiting vir die instandhouding van boorvlakke.
Lusern 0-15% klei 16-30% klei >31% klei 0-15% klei 16-30% klei >31% klei	250 - 500 g/ha 500 - 1 000 g/ha 750 - 1 500 g/ha	1. Onderhoudsbehandeling: Dien as 'n algehele bespuiting 10 dae na elke snysel toe.
	3 kg/ha 4.5 kg/ha 6 kg/ha maksimum	2. Korrektiewe Behandeling: Dien 'n enkel toediening as 'n algehele bespuiting direk na sny toe as die ontleding

	(geïnkorporeer tot 'n diepte van 10 – 15 cm)	van die boonste 15 cm van die plant vóór blom minder as 20 mg Boor/kg (20 dpm) aandui. Die boorvlakke kan dan weer ge-analiseer en aangepas word indien nodig, gebaseer op die grondanalise.
Mielies Voor-plant grondbehandeling 0-15% klei 16-30% klei >31% klei	3 kg/ha 4.5 kg/ha 6 kg/ha maksimum (geïnkorporeer tot 'n diepte van 10 – 15 cm)	Sput voor finale plantvoorbereidings eweredig oor die grond, tensy blaarontledings van die vorige oes 'n toediening onnodig laat blyk te wees.
Sonneblomme Voor-plant grondbehandeling 0-15% klei 16-30% klei >31% klei	3 kg/ha 4.5 kg/ha 6 kg/ha maksimum (geïnkorporeer tot 'n diepte van 10 – 15 cm)	Waar sonneblomaanplantings beplan word, bespuit grond egalig vóór die finale voorbereiding. Waar blaarontledings van die vorige oes dit toelaat, mag behandelings onnodig wees.

BELANGRIK:

Raadpleeg u plaaslike AECI Plant Health Gewasadviseur voordat SPRAYBOR toegedien word, oor die noodsaaklikheid van die gebruik daarvan.

Gebruik die laer aanbevole dosis vir die instandhouding van boorvlakke.

Gebruik die hoër dosis vir die opheffing van tekorte.

Indien enige van die misstowwe in die Max-reeks in kombinasie met SPRAYBOR gebruik word, gebruik altyd die laer aanbevole dosis.