Sales Panel

ETHAPON 480 SL

Reg. No./Nr L5023, Act No./ Wet Nr. 36 of / van 1947
Malawi Reg.No. PCB/MW/2018/R/0365
Namibian Reg. No./Nr. N-AR1875

A SOLUBLE CONCENTRATE PLANT GROWTH REGULATOR FOR USE IN THE CROPS AS INDICATED.

‘n OPLOSBARE KONSENTRAAT PLANTGROEIREGULEERDER VIR GEBRUIK OP GEWASSE SOOS AANGEDUI.

Active ingredient: **Aktiewe bestanddeel :**

Ethephon ....480 g/ℓ ....Etefon

Net Volume ℓ **Netto Volume**

<u>REGISTRATION HOLDER / REGISTRASIEHOUER</u>:

Nulandis® (A division of AECI Limited)/ Nulandis® (‘n Afdeling van AECI Beperk)
Reg. No. / Nr. 1924/002590/06
P.O. Box / Posbus 14418
Witfield, 1467
Tel : (011) 823 8000

IN CASE OF POISONING PLEASE PHONE / IN GEVAL VAN VERGIFTIGING SKAKEL 0861 555777/ 0824468946

Batch No: **Lotnommer:**

Date of Manufacture: **Datum van Vervaardiging:**

UN No:/VN Nr. 3265 - Corrosive liquid, acidic, organic, n.o.s.

Pamphlet

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CAUTION

WARNINGS:

This product is corrosive. Handle with care.
Harmful when swallowed or absorbed through the skin.
Avoid direct contact with the product as irritation may occur of mucous membranes, eyes and skin.
Store away from food and feedstuffs.
Keep out of reach of children, uninformed persons and animals.
Re-entry: Do not enter treated area until spray deposit has dried unless wearing protective clothing. In case of poisoning - CALL A DOCTOR AND MAKE THIS LABEL AVAILABLE TO HIM/HER.
Aerial Application: Notify all inhabitants in the immediate vicinity to be sprayed, and issue the necessary warnings.

NOTE:

IF THE CROP TO BE TREATED IS INTENDED FOR EXPORT, CONSULT THE RELEVANT EXPORTING ORGANISATION REGARDING WITHHOLDING PERIODS.
Withholding periods based on good agricultural practice and when followed, local (SA) MRL's will be met if the recommended dosage is applied. For fruit destined for export, consult your export agent or supplier for the latest withholding periods relevant to your export market.

ALTHOUGH THIS REMEDY HAS BEEN EXTENSIVELY TESTED UNDER A LARGE VARIETY OF CONDITIONS, THE REGISTRATION HOLDER DOES NOT WARRANT THAT IT WILL BE EFFICACIOUS UNDER ALL CONDITIONS BECAUSE THE ACTION AND EFFECT THEREOF MAY BE AFFECTED BY FACTORS SUCH AS ABNORMAL CLIMATIC AND STORAGE CONDITIONS, QUALITY OF DILUTION WATER, COMPATIBILITY WITH OTHER SUBSTANCES NOT INDICATED ON THE LABEL AS WELL AS BY THE METHOD, TIME AND ACCURACY OF APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS, VEGETATION, THE ENVIRONMENT OR HARM TO MAN OR ANIMAL OR FOR LACK OF PERFORMANCE OF THE REMEDY CONCERNED DUE TO FAILURE OF THE USER TO FOLLOW THE LABEL INSTRUCTIONS OR TO THE OCCURRENCE OF CONDITIONS WHICH COULD NOT HAVE BEEN FORESEEN IN TERMS OF THE REGISTRATION. CONSULT THE SUPPLIER IN THE EVENT OF ANY UNCERTAINTY.

PRECAUTIONS:

Do not inhale fumes or spray mist.
Avoid eye and skin contact.
Wear protective clothing – rubber gloves and face shield when mixing product or applying the product.
In case of contact with eyes, flush with plenty water and seek medical attention.
In case of skin contact, wash immediately with soap and plenty of water and remove contaminated clothing. Wash contaminated clothing daily.
Avoid spray drift to nearby crops as it may cause growth modifications.
Prevent contamination of grazing, rivers, dams or water sources.
Prevent contamination of food, eating utensils, feed and drinking water.
Clean applicator thoroughly before re-using and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
Rinse empty container three times with a volume of water equal to a minimum of 30 % of that of the container and add rinsings to the contents of the spray tank before disposing of the container.
Destroy the empty container and dispose of it in a safe manner. Do not use for any other purpose.
The triple-rinsed container may be sent to an approved recycling facility for processing.

USE RESTRICTIONS:

Do not spray over, or allow drift, to contaminate water or adjacent areas.
Remove spray deposit from acrylic plastic type aircraft windshields as this product may react with the material if allowed to remain in contact for longer than one hour. Rinse windshields with water immediately after each tank load. Wash aircraft with clean water after use.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED

COMPATIBILITY:
This product is acidic and is not compatible with alkaline materials or products containing metal ions (Copper, Zinc, Manganese etc.).

MIXING INSTRUCTIONS:
Add half the amount of water to the spray tank and start agitation. Add the required amount of product, followed by the remainder of the water. Do not allow spray solution to stand overnight.

AERIAL APPLICATION**:** (**Sugarcane and cotton only)**

Aerial application may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Remedies). It is important to ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria are met:

Equipment:
Use suitable atomising equipment (hydraulic nozzles or rotary atomisers) that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product through drift.
The operator must use a setup that will produce a droplet spectrum with the lowest possible relative span.
All nozzles / atomisers should be positioned within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.

Application parameters:

A minimum volume of 30 ℓ spray mixture per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aerially at a lower volume rate than recommended above.

A droplet coverage of 25 - 35 droplets per cm^2 must be recovered at the target.

A droplet spectrum with a VMD of 280 to 300 microns is recommended. Ensure that the production of fine droplets (smaller than 150 microns) is restricted to a minimum.

The height of the spray boom should be maintained at 3-4 metres above the target. Do not spray when aircraft is in a climb, at the top or during a dive, or when banking.

Apply before the crop becomes too dense, thus preventing proper coverage of the plants.

Meteorological conditions:

The difference between the wet and dry bulb readings as determined by a whirling hygrometer, must not exceed 8 °C

Do not spray under turbulent, unstable conditions during the heat of the day when rising thermals and downdraughts occur.

Do not spray under temperature inversion conditions (spraying in or above the inversion layer).

Do not spray if the wind speed exceeds 15 km/h.

Stop spraying under turbulent, unstable and dry conditions during the heat of the day.

Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:

- reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
- damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.

General:

Ensure that fields are accurately marked and that the aerial spray operator knows exactly which fields to spray.

Obtain an assurance from the aerial spray operator that the above requirements will be met.

APPLICATION TABLE:

CROP AND USE	**DOSAGE / 100 ℓ WATER OR AS INDICATED**	**REMARKS**
APPLES For improved colour development (Starking types) and enhancement of maturity (Starking types & Granny Smith)	75 - 85 mℓ (350 - 400 ppm active)	Apply as a full cover spray 2 - 3 weeks before expected harvest. Use lower concentration when temperatures are high during application.
CHERRIES (SOUR AND YELLOW) **Not suitable for fresh market cherries**. For uniform ripening and loosening of fruit for easier harvest.	50 mℓ (240 ppm active)	Apply as a full cover spray approximately 10 days prior to expected harvest.

CITRUS Degreening a) <u>Pack house brush-on application</u>	208 mℓ / 25 ℓ water (Navels and mid season oranges) 156 mℓ / 25 ℓ water (Grapefruit and lemons)	Use mixture to treat a maximum of 25 000 kg of fruit. Apply treatment to fruit with colour break on one face. This product can be mixed with the standard fungicide mixture used for prevention of post harvest decay used in the pack houses.
b) <u>Pre-Harvest application</u>	52 mℓ - 62.5 mℓ per 100 ℓ water	**Tomangos & Grapefruit only:** Apply as a foliar spray 6-8 days prior to picking. Use lower rate under hot day temperature conditions and the higher rate on cooler days. Ensure good coverage of spray on all fruit surfaces. Do not use a surfactant with this application. **Note.** This product is not compatible with waxes, MCPA, imazalil sulphate formulations. Do not exceed 2 000 ppm of thiabendazole (TBZ) in the fungicide mixture. The use of good quality water is recommended - free of clay or organic matter.
COTTON Promote boll burst Earlier harvesting	2 - 3 ℓ / ha (use the lower rate on widely spaced or sparsely foliated cotton)	**Ground Application:** Apply in 150 - 350 ℓ water/ha as a full cover spray. Use low rate on wide row spacing or sparsely foliated plants. Apply at 60 % boll burst or maturity. A boll is mature when it is very hard and won't dent when squeezed, is difficult to slice with a sharp knife and seed coat is light brown in colour. On late planted cotton (i.e. Later than 15 November) apply 150 days after planting, or at 70% boll burst. Some premature drop of small, immature bolls may be associated with treatments. **Ethapon 480 SL** may stimulate the opening of bolls which are not mature. This could lead to lower quality seed and lint which can be minimised by closely monitoring the crop and applying **Ethapon 480 SL** when there are sufficient mature unopened bolls to produce the desired yield. Optimal boll burst for harvesting occurs 14 - 21 days following application. A reduction in efficacy may occur if rain falls within 6 - 8 hours after treatment. **Aerial Application:** Apply in 40 - 50 ℓ water/ha
GRAPEVINES BARLINKA CULTIVAR ONLY: Berry colour enhancement	50 mℓ/100 ℓ water	Apply as a full cover spray at 5% colouring of berries. Harvest at correct degree of maturity / sugar: acid ratio.

LITCHI **Mauritius &** **McLean's Red** Control of late autumn vegetative flush (End March to beginning of May)	Dry autumn: 104 mℓ / 100 ℓ water (500 ppm active) Wet autumn: 208 mℓ / 100 ℓ (1 000 ppm active) The addition of a registered wetter (i.e. **Biodew**) at 10 mℓ/100 ℓ is recommended	Apply as a spot-spray whenever new vegetative flush appears during late autumn. Ensure a thorough coverage of the young vegetative flush with the spray solution. Use the lower rate under dry weather conditions and the higher rate under wet weather conditions. Do not apply to sick or stressed trees. Do not apply together with other products.
Early Delight Control of late autumn vegetative flush (End March to beginning of May)	Dry or wet autumn: 104 mℓ / 100 ℓ water (500 ppm active) The addition of a registered wetter (i.e. **Biodew**) at 10 mℓ/100 ℓ is recommended	Apply as a spot spray whenever new vegetative flush appears during late autumn (end of March to beginning of May). Ensure good coverage of the young vegetative flush with the spray solution. Do not apply to sick or stressed trees. Do not exceed 500 ppm as phytotoxicity symptoms may occur. Do not apply together with other products.
NOTE: Application time will depend on the season, production area and the onset of the cold period, but is usually between the end of March to the beginning of May. Apply only to young soft vegetative flush just after leaf unfolding. **Ethapon 480 SL** is not effective when applied to extended vegetative flush.		
MACADAMIAS **ONLY CULTIVAR:** **Beaumont** Abscission of mature nut in husk	156 to 208 mℓ / 100 ℓ water (750 ppm to 1 000 ppm active)	Application time will depend on season and production area, but it is usually between the beginning of March and mid July – maturity testing is required. Apply only once the crop is mature. Application to trees with nuts of varying maturity may result in abscission of immature nuts. Ensure thorough coverage, with specific attention to those parts of the trees carrying the crop – it is essential that the nuts receive coverage. For applications with mist blowers, use the lower rate late in the harvest period and the higher rate earlier in the harvest period. For applications with hand lances use only the lower rate at all times. Application during cold weather may result in a significant decline in efficacy. Avoid application during and after floral initiation. Do not apply to sick or stressed trees.

		Should be applied with a wetter. **Do not apply** by Aerial Application.
MAIZE **ONLY CULTIVAR** **SR52** Reducing capsizing	1,5 ℓ + 10 kg spray urea (low biuret) in 300 ℓ water / ha	Apply as a full cover spray at 7 – 8 leaf stage. Ensure that leaves are fully expanded. Do not apply to crops with less than 50 000 plants / ha.
PEACHES **ONLY EARLY CULTIVARS: Culemborg, Rhodes, van Riebeeck & Earlibelle** (the last mentioned only in Gauteng, Mpumalanga, North west and Limpopo Province) For enhancement of maturity.	20 mℓ (100 ppm active) + *** **Biodew** (Reg. No. L8120 **)** / 100 ℓ water *** refer to rate on **Biodew** label	Apply as a full cover spray 2 - 3 weeks prior to expected harvest. The addition of a wetting agent is recommended.
PINEAPPLES Colouring of fruit	2 – 4 ℓ in 500 – 1 000 ℓ water/ha	**Ethapon 480 SL** may affect sugar concentration unless applied at or just after natural colour change. For uniform colouring ensure a thorough coverage of fruit with spray solution. For maximum benefit concentrate spray on fruit only. **Allow 7 days between treatment and harvest.**
To induce flowering (Cayennes)	1ℓ + 50 ℓ of a registered U.A.N. (32) in 3 000 ℓ water / ha.	Apply to plants when they are ready to be forced to flower.
To induce flowering (Queens)	125 mℓ + 1,5 ℓ of a registered U.A.N. (32) with 20 mℓ of mixture per individual plant or sucker.	Apply to individual plants or suckers when these are ready to be forced to flower.
PLUMS **ONLY CULTIVARS: Santa Rosa, Gaviota & Golden King** For advanced and more uniform ripening	20 mℓ (100 ppm active) + *** **Biodew (**Reg. No. L8120) / 100 ℓ water *** Refer to dosage rate on **Biodew** label	Apply from two weeks before expected harvest to commencement of harvest.
SUGARCANE To increase sucrose content	1,5 ℓ in 30 – 50 ℓ water / ha	**Aerial Application:** Apply in 30 – 50 ℓ water / ha, ensuring good coverage to active growing cane only. Apply 6 – 12 weeks before harvest.
TOBACCO (FLUE CURED) For uniform ripening and shorter harvest period	3.0 - 6.0 ℓ	**Ground Application**: Use in 400 ℓ water / ha. Apply on flue-cured tobacco after topping when 6-8 leaves are left per plant and when leaves are fully developed and physiologically mature. Use the lower rate under favourable conditions (warm weather, leaves already colouring) and the higher rate under unfavourable conditions. **Aerial Application**: Apply in 60 ℓ water /ha. . Should be

		applied in two directions for good coverage, e.g. north, south and south, north.

BIODEW® (Reg. No. L8120, Act 36 of 1947) is a registered trademark of AECI Limited (Nulandis® a division of AECI Ltd.)

Pamflet

ETHAPON 480 SL

Reg. Nr L5023, Wet Nr. 36 van 1947
Namibiese Reg. Nr. N-AR 1875

'n OPLOSBARE KONSENTRAAT PLANTGROEIREGULEERDER VIR GEBRUIK OP GEWASSE SOOS AANGEDUI.

Aktiewe bestanddeel :
Etefon ....480 g/ℓ

REGISTRASIEHOUER:

Nulandis® ('n Afdeling van AECI Beperk)
Reg. Nr. 1924/002590/06
Posbus 14418
Witfield, 1467
Tel : (011) 823 8000

VERSIGTIG

WAARSKUWINGS:

Hierdie produk is invretend. Hanteer produk versigtig.
Skadelik indien ingesluk of deur die vel geabsorbeer word.
Vermy direkte kontak met produk aangesien dit irriterend vir die oë, vel en slymvlies kan wees.
Stoor weg van voedsel en voer.
Hou buite bereik van kinders, oningeligte persone en diere.
Herbetreding: Moenie behandelde gebied binnegaan alvorens die spuitneerslag droog is nie, tensy beskermende oorklere gedra word. In geval van vergiftiging – ONTBIED 'N GENEESHEER EN STEL HIERDIE ETIKET AAN HOM/HAAR BESKIKBAAR.
Lugtoediening - Stel alle persone in die onmiddellike omgewing van die gebied wat behandel gaan word in kennis en reik die nodige waarskuwings uit.

LET WEL:
INDIEN DIE GEWAS WAT BEHANDEL WORD BESTEM IS VIR UITVOER, RAADPLEEG DIE BETROKKE UITVOER ORGANISASIE RAKENDE DIE ONTHOUDINGSPERIODES;

Nakoming van hierdie onthoudingsperiodes sal verseker dat die plaaslike Maksimum Residu Limiete (MRL's) nie oorskry word nie, maar mag dalk nie voldoen aan die invoervereistes van ander lande nie. Indien die gewas wat behandel gaan word bestem is vir uitvoer, skakel met die betrokke invoerder of uitvoerliggaam rakende die gebruik van hierdie produk, maksimum residu vereistes en aanbevole onthoudingsperiodes.

ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE GETOETS IS WAARBORG DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE AANGESIEN DIE WERKING EN EFFEK DAARVAN BEÏNVLOED KAN WORD DEUR FAKTORE SOOS ABNORMALE KLIMAATS- EN BERGINGSTOESTANDE, KWALITEIT VAN VERDUNNINGSWATER, VERENIGBAARHEID MET ANDER STOWWE WAT NIE OP DIE ETIKET AANGEDUI IS NIE SOWEL AS DIE METODE, TYD EN AKKURAATHEID VAN TOEDIENING. VERDER AANVAAR DIE REGISTRASIEHOUER NIE VERANTWOORDELIKHEID VIR SKADE AAN GEWASSE, PLANTEGROEI, DIE OMGEWING OF VIR NADELIGE EFFEK OP MENS OF DIER OF VIR 'N GEBREK AAN PRESTASIE VAN DIE BETROKKE MIDDEL AS GEVOLG VAN DIE VERSUIM VAN DIE GEBRUIKER OM ETIKETAANWYSINGS NA TE KOM OF AS GEVOLG VAN DIE ONTSTAAN VAN TOESTANDE WAT NIE KRAGTENS DIE REGISTRASIE VOORSIEN KON WORD NIE. RAADPLEEG DIE VERSKAFFER IN DIE GEVAL VAN ENIGE ONSEKERHEID.

<u>VOORSORGMAATREëLS:</u>

Vermy inname en moenie dampe of sproeinewel inasem nie.
Vermy oog- en velkontak.
Dra beskermende klere (rubberhandskoene en gesigskerm) tydens vermenging en toediening van produk.
In geval van oogkontak, was onmiddellik met seep en genoegsame water en verkry mediese hulp.
Ingeval van velkontak, was onmiddellik met seep en genoegsame water en verwyder besoedelde klere. Was besoedelde klere daagliks.
Verhoed wegdryf van sproeinewel na aangrensende gewasse aangesien dit moontlik groeiversteurings kan veroorsaak.
Verhoed wegdrywing van die sproeinewel na aangresende weiding, riviere, damme of waterbronne.
Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
Maak toedieningsapparaat skoon voor her-gebruik en doen weg met waswater waar dit nie gewasse, weiding, riviere en damme sal besoedel nie.
Spoel die leë houer driekeer uit met 'n volume water gelykstaande aan 'n minimum van 30% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word.
Vernietig leë houer en raak daarvan ontslae op 'n veilige manier. Moet dit nie vir enige ander doel gebruik nie. Leë houers wat driekeer uitgespoel is kan aan n' goedgekeurde verwerkingsaanleg gestuur word.

<u>GEBRUIKSBEPERKINGE:</u>

Verwyder die spuitmengsel-neerslag van die vliegtuig se windskerm, as dit van 'n akriel-tipe plastiek vervaardig is, omdat die produk met die plastiek sal reageer, as dit langer as een uur in kontak daarmee bly. Spoel windskerms met water af, voordat die tenk weer volgemaak word. Was vliegtuig met skoon water, na gebruik.

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

VERENIGBAARHEID:
Hierdie produk is suur en is nie verenigbaar met alkaliese materiale of produkte wat metaal ione bevat nie (Koper, Sink, Mangaan, ens.)

VERMENGINGSINSTRUKSIES:

Voeg die helfte van die hoeveelheid water by die spuittenk, en begin roer. Voeg die aanbevole hoeveelheid **Ethapon 480 SL** by, gevolg deur die oorblywende hoeveelheid water. Moenie die spuitmengsel oornag laat oorstaan nie.

<u>LUGTOEDIENING</u>**: (Slegs Suikerriet en Katoen)**

Lugtoediening mag slegs deur 'n geregistreerde lugbespuitingsoperateur met 'n korrek gekalibreerde, geregistreerde vliegtuig volgens die instruksies van SANS Kode 10118 (Aerial Application of Agricultural Pesticides) gedoen word. Dit is belangrik om te verseker dat die spuitmengsel eweredig oor die teikenarea versprei word en dat die verlies aan spuitmengsel tydens toediening tot 'n minimum beperk word. Dit is dus belangrik om aan die volgende kriteria te voldoen:

Toerusting:

- Gebruik geskikte atomiseringsapparaat (hidroliese of roterende spuitkoppe) wat die vereiste druppelgrootte en bedekking sal produseer, maar wat die minste verlies van produk deur wegdrywing sal verseker.
- Die operateur moet ‘n stelsel gebruik wat ‘n druppelspektrum met die kleinste moontlike relatiewe span sal produseer.
- Al die spuitneuse/atomiseerders moet in die binneste 60 tot 75 % van die vlerkspan geplaas word om die beweging van druppels in die vlerkvorteks in te verhoed.

Toedieningsparameters:

‘n Minimum volume van 30 ℓ spuitmengsel per hektaar word aanbeveel. Aangesien hierdie produk nie teen ‘n verlaagde volume getoets is nie, kan die registrasiehouer nie effektiwiteit waarborg, of verantwoordelik gehou word vir enige nadelige effek indien hierdie produk teen ‘n laer volume as hierbo aanbeveel, uit die lug toegedien word nie.

‘n Druppelbedekking van 25 - 35 druppels per cm^2 moet op die teikenarea herwin word.

‘n Druppelspektrum met ‘n VMD van 280 tot 300 mikron word aanbeveel. Verseker dat die produksie van fyn druppels (kleiner as 150 mikron) tot ‘n minimum beperk word.

Die hoogte van die spuitbalk moet op 3-4 meter bo die teiken gehandhaaf word. Moenie spuit wanneer die vliegtuig aan die bopunt is van, of tydens ‘n duik, of terwyl dit uitklim of draai nie.

Dien toe voordat die gewas te ruig word wat sal verhoed dat plante behoorlik bedek word.

Meteorologiese toestande :

Die verskil tussen die nat- en droëbollesing, soos met ‘n swaaihigrometer bepaal, moet nie 8°C oorskry nie.

Moenie toedien tydens turbulente, onstabiele toestande gedurende die hitte van die dag wanneer styg en dalende konveksie windbeweging plaasvind nie.

Moenie toedien onder temperatuur inversie toestande (deur bo of binne die inversielaag te spuit) nie.

Moenie spuit indien die windspoed 15 km/uur oorskry nie.

- Stop bespuiting tydens turbulente, onstabiele en droë toestande gedurende die hitte van die
- dag.
- Bespuiting onder temperatuur inversie toestande (deur bo of binne die inversie laag te spuit)
- en/of hoë lugvog toestande (relatiewe humiditeit 80% en meer) mag tot volgende probleme
- aanleiding gee:
    a) verlaagde effektiwiteit aangesien die druppels as ‘n wolk in die lug bly hang (onvoldoende bedekking op teiken).
    b) skade aan nie-teiken gewasse of sensitiewe areas as gevolg van wegdrywing van die spuitwolk na nie-teiken area.

Algemeen :

Sorg dat die lande akkuraat gemerk is en die spuitoperateur presies weet watter lande gespuit moet word.

Verkry ‘n versekering van die spuitoperateur dat aan die bogenoemde vereistes voldoen sal word.

TOEDIENINGSTABEL:

GEWAS EN GEBRUIK	DOSIS / 100 ℓ WATER OF SOOS AANGEDUI	OPMERKINGS
APPELS Vir beter kleurontwikkeling (Starking tipes) en vervroeging van rypwording (Starking tipes en Granny Smith)	75 - 85 mℓ (350 - 400 dpm aktief)	Dien toe as 'n voldekbespuiting 2 - 3 weke vóór verwagte plukdatum. Gebruik die laer konsentrasie wanneer temperature hoog is tydens toediening.
DRUIWE: **SLEGS BARLINKA KULTIVAR** Korrel kleurverbetering	50 mℓ/100 mℓ water	Dien toe as 'n voldekbespuiting by 5% verkleuring van korrels. Oes teen die korrekte rypheidsgraad volgens suiker / suurinhoud.
KERSIES: **(SUUR EN GEEL)** (**Nie kersies vir vars mark nie**.) Vir eenvormige rypwording en vergemakliking van oes	50 mℓ (240 dpm aktief)	Dien toe as 'n voldekbespuiting ongeveer 10 dae vóór verwagte oesdatum.
KATOEN: Om bolbars te vervroeg en gevolglik vroeër te oes	2,0 -3,0 ℓ / ha (Gebruik die laer konsentrasie op 'n wye ry spasieëring, óf waarvan die blaardekking yl is.)	**Grondtoediening**: Dien toe as 'n voldekbespuiting in 150 - 350 ℓ water/ha. **Lugtoediening:** Dien toe in 40-50 ℓ water/ha. Dien toe met 60% bolbars, óf as bolle volgroeid is. 'n Bol is ryp wanneer dit baie hard is en nie induik wanneer dit gedruk word nie. Dit is dan ook moeilik om met 'n skerp mes gesny te word, en die saadhuid is ligbruin. Moenie toedien op katoen wat na 15 November geplant is, voordat 150 dae verloop het óf 70 % bolbars aanwesig is nie. Afspeen van klein onryp bolle mag aan die behandeling te wydte wees. **Ethapon 480 SL** mag bolle wat nog nie ryp is nie ook stimuleer om oop te gaan. Dit mag beperk word deur die gewas noukeurig dop te hou en die produk toe te dien wanneer daar genoeg ongeopende bolle is om die verwagte oes te verkry. Optimale bolbars vir oes vind ongeveer 14-21 dae na behandeling plaas. Moenie toedien indien reën binne 6-8 uur na toediening verwag word nie, want dit kan doeltreffendheid van die

		produk laat afneem.
LIETSJIE **Mauritius, McLean's Red** Beheer van laat herfs vegetatiewe groei (einde Maart tot begin Mei)	<u>Droë herfs</u>: 104 mℓ / 100 ℓ water (500 dpm aktief) <u>Nat herfs</u>: 208 mℓ / 100 ℓ water (1 000 dpm aktief) 'n Addisionele geregistreerde benatter (bv. Biodew) teen 10 mℓ/100 ℓ water word aanbeveel	Dien toe as 'n kolbespuiting elke keer wanneer nuwe vegetatiewe groei waargeneem word gedurende laat herfs. Verseker deeglike bedekking van die jong vegetatiewe groei met die spuitoplossing. Dien laer dosisse toe onder droë omstandighede en hoër dosisse onder nat omstandighede. Moenie op siek óf bome wat onder stremming verkeer toedien nie. Moenie saam met ander produkte gebruik nie.
Early Delight Beheer van laat herfs vegetatiewe groei (einde Maart tot begin Mei)	<u>Droë of nat herfs</u>: 104 mℓ / 100 ℓ water (500 dpm aktief) 'n Addisionele geregistreerde benatter (bv. Biodew) teen 10 mℓ/100 ℓ water word aanbeveel	Dien toe as 'n kolbespuiting elke keer wanneer nuwe vegetatiewe groei voorkom gedurende laat herfs (einde Maart tot begin Mei). Verseker deeglike bedekking van die jong vegetatiewe groei met die spuitoplossing. Moenie op siek óf bome wat onder stremming verkeer toedien nie. Moenie 500 dpm oorskry nie aangesien fitotoksiese simptome mag voorkom. Moenie saam met ander produkte gebruik nie.
<u>NOTA</u>: Toedieningstyd hang van die seisoen, produksiegebied en die aanvang van die koue periode af, maar is gewoonlik tussen einde Maart en begin Mei. Dien slegs toe op jong sagte vegetatiewe groei net na blaaropening. **Ethapon 480 SL** is nie effektief sodra dit op verlengde vegetatiewe groei toegedien word nie.		
MAKADAMIAS **SLEGS BEAUMONT KULTIVAR** Afspening van volwasse neut in huls	156 tot 208 mℓ /100 ℓ water (750 dpm tot 1 000 dpm aktief)	Die tyd van toediening hang af van die seisoen en produksiegebied, maar sal gewoonlik tussen die begin van Maart en middel Julie wees – die bepaling van volwassenheidsgraad is belangrik. Dien toe slegs wanneer die gewas volwasse is. Toediening op bome met neute van verskillende volwassenheidsgrade kan daartoe lei dat onvolwasse neute voortydig val. Dien toe as 'n voldekbespuiting. Maak seker dat al die neute bespuit word. Vir toediening met newelblasers, gebruik die laer dosis laat in die oesperiode en die hoër dosis vroeër tydens die oesperiode. Vir toedienings met "hand-lance" (handstange) gebruik slegs die laer dosis. Toediening gedurende koue weer kan daartoe lei dat heelwat minder neute val. Moenie toedien gedurende óf na blominisiasie nie. Moenie toedien op bome wat siek is óf bome wat onder fisiologiese stremming verkeer nie. Die byvoeging van 'n benattingsmiddel word aanbeveel. Moet nooit van lugtoediening gebruik maak nie.

MIELIES: **(SLEGS KULTIVAR SR52)** Om omval te verminder.	1,5 ℓ + 10 kg spuitureum (lae biuret) in 300 ℓ water/ha	Dien toe as 'n voldekbespuiting tydens 7 tot 8-blaarstadium (getal blare moet ten volle ontwikkel wees). Moenie toedien op 'n plantbevolking van minder as 50 000 plante/ha nie.
PERSKES **SLEGS VROEË KULTIVARS: Culemborg, Rhodes, van Riebeeck & Earlibelle** (lg. Slegs in Gauteng, Mpumalanga, Noordwes en Limpopo Provinsie) Vervroeging van rypwording.	20 mℓ (100 dpm aktief) + *** **Biodew** (Reg. Nr. L8120) / 100 ℓ water *** Verwys na dosis op **Biodew** etiket	Dien toe as 'n voldekbespuiting 2 - 3 weke vóór verwagte rypwording. Die byvoeging van 'n benattingsmiddel word aanbeveel.
PRUIME **SLEGS KULTIVARS** Santa Rosa, Gaviota & Golden King Vervroegde en eenvormige rypwording	20 mℓ (100 dpm. aktief) + *** **Biodew** (Reg. No. L8120) / 100 ℓ water *** Verwys na dosis op **Biodew** etiket	Dien toe vanaf twee weke vóór oes tot en met aanvang van oes.
PYNAPPELS Verkleuring van vrugte	2 - 4 ℓ in 500 – 1 000 ℓ water / ha	**Ethapon 480 SL** mag die suikerinhoud beïnvloed tensy dit met óf net na natuurlike kleurverandering toegedien word. Dra sorg dat vrugte so egalig moontlik bedek word om 'n egalige verkleuring te verkry. Vir beste resultate moet bespuiting op vrugte alleen gerig word. **Laat 7 dae verloop tussen behandeling en oes.**
Indusering van blomvorming (Cayennes)	1 ℓ + 50 ℓ van 'n geregistreerde U.A.N. (32) in 3 000 ℓ water / ha.	Behandel plante wanneer gereed vir forsering van blomvorming.
Indusering van blomvorming (Queens)	125 mℓ + 1,5 ℓ van 'n geregistreerde U.A.N. (32) en 20 mℓ van mengsel per individuele plant óf suier.	Behandel individuele plante of suiers wanneer gereed vir forsering van blomvorming.
SUIKERRIET Verhoging van sukrose inhoud	1,5 ℓ in 30 - 50 ℓ water / ha.	**Lugtoediening:** Dien in 30 – 50 ℓ water / ha toe slegs op aktief groeiende suikerriet, voor oes. Verseker goeie bedekking. Dien 6 – 12 weke vóór oes toe.
SITRUS: Verkleuring 1. Toediening m.b.v 'n borsel, in pakhuise	208 mℓ/25 ℓ water Navels en middel-seisoen lemoene 156 mℓ/ 25 ℓ water (Pomelo's en suurlemoene)	Gebruik mengsel om 'n maksimum van 25 000 kg vrugte te behandel. Hierdie produk word gemeng met die standaard swamdoder-mengsels en konsentrasies wat normaalweg in pakhuise gebruik word.

2. Voor-oes behandeling	52 mℓ - 62.5 mℓ per 100 ℓ water	**Slegs Tomango's en Pomelo's:** Dien toe as 'n dekbespuiting 6-8 dae vóór pluktyd. Gebruik die laer konsentrasie wanneer die dae koeler is. Verseker goeie bedekking om egalige verkleuring te verkry. Moet geen bevorderingsmiddel by die spuitmengsel voeg nie. **NOTA:** Hierdie produk is nie mengbaar met waksse, imasalilsulfaat formulasies óf MCPA nie. Moenie meer as 2 000 dpm TBZ in die standaard mengsel voeg nie. Die gebruik van slegs goeie kwaliteit water, sonder klei of organiese materiaal, word aanbeveel.
TABAK (OONDDROOG) Vir eenvormige rypwording en korter oes	3.0 - 6.0 ℓ	**Grondtoediening**: Dien toe in 400 ℓ water/ha. Dien toe op oonddroog tabak nadat getop is en daar 6 - 8 blare / plant oor is. Blare moet ten volle ontwikkel en fisiologies ryp wees. Gebruik die laer toedieningshoeveelheid onder gunstige toestande (warm weer, blare wat reeds begin verkleur) en die hoër toedieningshoeveelheid onder ongunstige toestande. **Lugtoediening**: Dien toe in 60 ℓ water/ha. Moet in twee rigtings gedoen word vir goeie bedekking, m.a.w. noord, suid en suid, noord.

BIODEW® (Reg. Nr. L8120, Wet Nr. 36 van 1947) is die geregistreerde handelsmerk van AECI Beperk (Nulandis® 'n afdeling van AECI Bpk.)