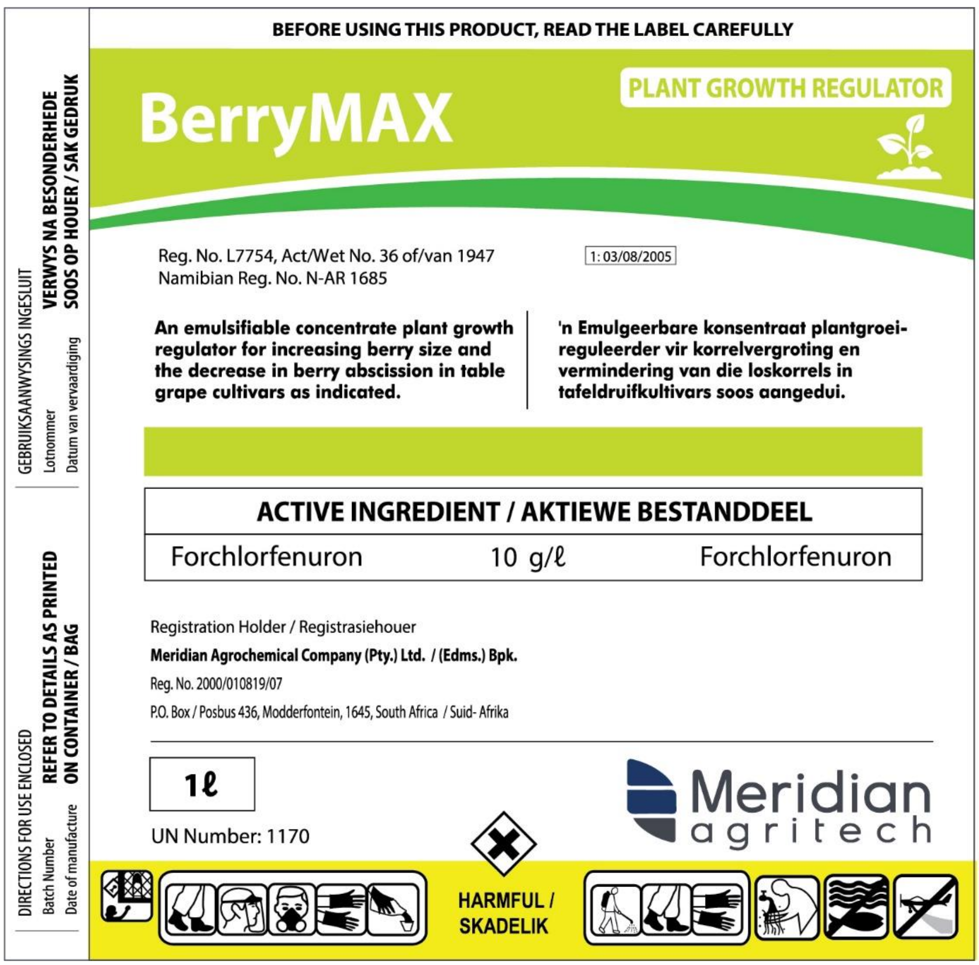
BERRYMAX


BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY
BerryMAX
PLANT GROWTH REGULATOR
Reg. No. L7754, Act/Wet No. 36 of/van 1947
Namibian Reg. No. N-AR 1685
1: 03/08/2005
An emulsifiable concentrate plant growth regulator for increasing berry size and the decrease in berry abscission in table grape cultivars as indicated.
'n Emulgeerbare konsentraat plantgroei-reguleerder vir korrelvergroting en vermindering van die loskorrels in tafeldruifkultivars soos aangedui.
ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL
Forchlorfenuron 10 g/ℓ Forchlorfenuron
Registration Holder / Registrasiehouer
Meridian Agrochemical Company (Pty.) Ltd. / (Edms.) Bpk.
Reg. No. 2000/010819/07
P.O. Box / Posbus 436, Modderfontein, 1645, South Africa / Suid- Afrika
1ℓ
UN Number: 1170
Meridian agritech
HARMFUL / SKADELIK
DIRECTIONS FOR USE ENCLOSED
Batch Number
Date of manufacture
REFER TO DETAILS AS PRINTED ON CONTAINER / BAG
GEBRUIKSAANWYSINGS INGESLUIT
Lotnommer
Datum van vervaardiging
VERWYS NA BESONDERHEDE SOOS OP HOUER / SAK GEDRUK

WARNINGS

- Handle with care
- **FLAMMABLE** - Keep away from flames and heat. Store in a cool place (below 20 °C).
- Poisonous through skin contact, when swallowed or inhaled.
- **BerryMAX** is irritating to the skin and eyes.
- Toxic to fish and other aquatic organisms.
- Store under lock and key in a cool place.
- Store away from food, feed, fertilizer and other agricultural products.
- Keep out of reach of children, uninformed persons and animals.
- In case of poisoning call a doctor and show him this label.
- **Re-entry:** Do not enter treated field within 1 day unless wearing protective clothing.
- Do not apply **BerryMAX** to any crop or situation not mentioned in this instruction leaflet.

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be effective under all conditions. The activity and effect thereof may be affected by factors such as abnormal soil, 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 by 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

- Avoid inhalation of fumes or spray mist and skin contact.
- Wear a respirator and protective clothing (overall, rubber boots and rubber gloves) when handling the concentrate.
- Wash immediately with sufficient water after accidental skin and eye contact.
- Do not eat, drink or smoke whilst mixing, applying or before washing hands and face and change of clothing.
- Avoid spray drift onto other crops, grazing, rivers, dams and any other area not under treatment.
- Prevent contamination of food, feeds, drinking water and eating utensils.
- Thoroughly wash and rinse spray equipment after use and dispose of wash water where it will not contaminate crops, grazing, rivers and dams.
- Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed to a drip. Thereafter rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsate to the contents of the spray tank.
- Destroy the empty container and do not use for any other purpose.

SYMPTOMS OF HUMAN POISONING

Irritation effects on skin and mucous membranes are the common reactions. May cause eye irritation. May cause skin irritation and allergic reaction. May cause skin sensitisation. If large quantities are ingested, nausea, vomiting and abdominal distress may occur.

FIRST AID TREATMENT

Skin contact: Remove contaminated clothing as well as shoes and leather goods. Wash body with nonabrasive soap and lots of water. Persons providing first aid must wear gloves to avoid self-contamination. Seek medical advice if necessary.
Eye contact: Flush eyes immediately with large amounts of clean water for approximately 15 minutes. Occasionally lift the upper and lower lids. If eye irritation persists, get medical attention.
Inhalation: Remove patient to a well ventilated area and loosen clothing around the neck. Perform artificial respiration and administer oxygen if necessary. Keep patient warm and calm. **Seek medical advice immediately.**

Ingestion: In case of accidental swallowing, give one or two glasses of water or milk to drink - and induce vomiting. Get medical attention immediately. Administration of gastric lavage or oxygen should be performed by qualified medical personnel.

NOTE TO PHYSICIAN

No specific antidote. Treat symptomatically and supportively. Keep patient under observation. Perform gastric lavage and catharsis if the victim is not unconscious.

DIRECTIONS FOR USE

Use only as indicated.

COMPATIBILITY

BerryMAX is not compatible with insecticides or fungicides and should therefore not be used in tank mixtures with these products. **BerryMAX** can be used in a tank mix with gibberellic acid.

RECOMMENDATIONS

CROP	DOSAGE PER 100 ℓ WATER	REMARKS
Table grapes	10 ppm Gibberellic acid	Flower thinning : When 50% of the berries on at least half of all the bunches are in flower.
cv. Thompson seedless	10 ppm Gibberellic acid	When 80% of the berries on at least half of all the bunches are in flower.
	Western-Cape: 50 mℓ +30 ppm Gibberellic acid	Berry enlarging : For berry size increase and decrease of berry shatter: Apply as a directed spray or dip treatment at 4 to 6 mm berry size.
	Lower Orange River: 30 ppm Gibberellic acid	For berry size increase and decrease of berry shatter: Apply as a directed spray or dip treatment at 4 to 6mm berry size.
cv. Waltham Cross	50 mℓ +30 ppm Gibberellic acid	Apply as a directed spray or dip treatment at 7 to 8mm berry size.
cv. Muscat d'Alexandrie	50 mℓ	For berry size increase and decrease in berry shatter and straggly bunches: Apply as a directed spray or dip treatment at 4 to 6 mm berry size.
	75 mℓ	For berry size increase, decrease in berry abscission and as a deterrent against dry stems: Apply as a directed spray or as dip treatment at 4 to 6 mm berry size.

Remarks

- Apply as a directed spray to the young fruit or bunches. Complete coverage of the fruit is essential. With table grapes a dip treatment of the bunches may also be used.
- On kiwifruit, apply either by handgun or by knapsack sprayer at a volume of between 800 and 1000 ℓ water per hectare on fully established vines. Use proportionally less on smaller vines.
- Ensure thorough wetting of grape vines and apply at a volume of between 1 000 and 1 500 ℓ water per hectare on established vines. Use proportionally less on younger vines. Prolong the wetting period by treating during cool periods of the day or during the night.
- The use of **BerryMAX** on kiwifruit is not recommended for use in the Natal region. Use effective fruitfly control measures since **BerryMAX** treated fruit could be more susceptible to attacks by fruitfly.

NOTE:

BerryMAX could delay ripening of table grapes by approximately 7 days. This could however be an advantage when used to manipulate the time of harvest in certain vineyards.

WAARSKUWINGS

- Hanteer versigtig.
- **VLAMBAAR** - Hou weg van vlamme en hitte. Stoor in 'n koel plek (onder 20 °C).
- Giftig indien ingesluk, ingeasem of deur vel opgeneem word.
- **BerryMAX** is irriterend vir die vel en oë.
- Berg agter slot en grendel in 'n koel plek.
- Giftig vir visse en ander akwatiese lewe.
- Berg weg van voedsel, voer, kunsmis en ander landbouprodukte.
- Hou buite bereik van kinders, oningeligte persone en diere.
- In geval van vergiftiging ontbied 'n geneesheer en toon hierdie etiket aan hom.
- **Herbetreding:** Moet nie die behandelde land betree binne een dag na behandeling sonder om beskermende klere te dra nie.
- Moet nie **BerryMAX** toedien op enige gewas of situasie wat nie op hierdie etiket verskyn nie.

Alhoewel hierdie middel omvattend onder 'n groot verskeidenheid toestande getoets is, waarborg die registrasiehouer nie dat dit onder alle toestande doeltreffend sal wees nie. Die werking en doeltreffendheid daarvan kan beinvloed word deur faktore soos abnormale grond, klimaats- en bergingstoestande, kwaliteit van die verdunningswater, verenigbaarheid met ander stowwe wat nie op die etiket aangedui word nie sowel as die tyd en akkuraatheid van toediening. Verder aanvaar die registrasiehouer nie verantwoordelikheid vir skade aan gewasse, plantegroei en die omgewing of nadelige invloede op mens of dier of vir 'n gebrek aan prestasie van die betrokke middel as gevolg van 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.

VOORSORGMAATREËLS

- Vermy inaseming van dampe of spuitnewel en velkontak.
- Dra 'n respirator en beskermende klere (oorpak, rubberstewels en rubberhandskoene) tydens hantering van konsentraat.
- Was onmiddellik met genoegsame water na toevallige vel- en oogkontak.
- Moet nie eet, drink of rook terwyl produk gemeng en toegedien word voordat hande en gesig gewas is en klere verwissel is nie.
- Verhoed spuitstofwegdrywing na ander gewasse, weiding, riviere, damme en enige gebied wat nie behandel word nie.
- Voorkom besoedeling van voedsel, voer, drinkwater en eetgerei.
- Was en spoel spuittoeusting deeglik na gebruik en raak ontslae van spoelwater waar dit nie gewasse, weiding, riviere en damme sal besoedel nie.
- Keer die leë houer om oor die spuit- of mengtenk en dreineer vir minstens 30 sekondes nadat die vloei tot 'n gedrup verminder het. Spoel die leë houer daarna drie keer uit met 'n volume skoon water gelykstande aan 'n minimum van 10% van die houer. Gooi die spoelwater by die inhoud van die spuittenk voordat die houer vernietig word.
- Vernietig die leë houer en moet dit vir geen ander doel gebruik nie.

SIMPTOME VAN MENSLIKE VERGIFTING

Irritasie van vel en slymvlies is tipiese reaksies. Mag irritasie van die oë veroorsaak. Dit mag ook irritasie van die vel en 'n allergiese reaksie veroorsaak. Mag vel sensitiwiteit veroorsaak. As groot hoeveelhede mondeliks ingeneem word, kan naarheid, braking en abdominale teerheid veroorsaak word.

NOODHULP BEHANDELING

Velkontak: Verwyder besoedelde klere, sowel as skoene en leer goedere. Was die hele lyf met 'n sagte seep en baie water. Moenie 'n skuurmiddel gebruik nie. Persone wat noodhulp toedien, moet handskoene dra om selfkontaminasie te voorkom. Soek mediese advies indien benodig.
Oogkontak: Was oë onmiddellik uit met groot hoeveelhede skoon water, vir ongeveer 15 minute. Lig die onderste en boonste ooglede gedurig. Indien oogirritasie aanhou, soek mediese hulp.
Inaseming: Verwyder die persoon van die bron van vergiftiging na 'n goed geventileerde area en maak klere om die nek los. Pas kunsmatige asemhaling toe en dien suurstof toe indien nodig. Hou pasiënt warm en gerus. **Ontbied onmiddellik mediese hulp.**

Mondelikse inname: Ontbied onmiddellik mediese hulp. In geval van toevallige inname, gee een of twee glase water of melk om te drink en veroorsaak braking. Toediening van gastriese reiniging of suurstof moet deur opgeleide mediese personeel toegedien word.

NOTA AAN GENEESHEER
Geen spesifieke teengif. Behandel simptomaties en ondersteunend. Hou pasient onder observasie. Dien gastriese reiniging en suiwering toe indien die pasient nie bewusteloos is nie.

GEBRUIKSAANWYSINGS
Gebruik slegs soos aangedui.

MENGBAARHEID

BerryMAX is nie mengbaar met insek- of swamdoders nie en moet dus nie in 'n tenkmengsel saam met hierdie middels gebruik word nie. **BerryMAX** kan wel in 'n tenkmengsel saam met gibberelliensuur gebruik word.

AANBEVELINGS

GEWAS	**DOSIS PER 100 ℓ WATER**	**OPMERKINGS**
Tafeldruiwe	10 dpm Gibberelliensuur	<u>Blomuitdunning</u> : Wanneer 50% van die korrels op ten minste die helfte van al die trosse blom.
cv. Thompson seedless	10 dpm Gibberelliensuur	Wanneer 80% van die korrels op ten minste die helfte van al die trosse blom.
	<u>Wes-Kaap:</u> 50 mℓ +30 dpm Gibberelliensuur	<u>Korrelvergroting</u> : Vir vergroting van korrels en vermindering van loskorrelprobleem: Dien toe as 'n gerigte bespuiting of doopbehandeling by 4 tot 6mm korrelgrootte.
	<u>Laer Oranje Rivier:</u> 30 dpm Gibberelliensuur	Vir vergroting van korrels en vermindering van loskorrelprobleem: Dien toe as 'n gerigte bespuiting of doopbehandeling by 4 tot 6mm korrelgrootte.
cv. Waltham Cross	50 mℓ +30 dpm Gibberelliensuur	Dien toe as 'n gerigte bespuiting of doopbehandeling by 7 tot 8mm korrelgrootte.
cv. Muscat d'Alexandrie	50 mℓ	Vir korrelvergroting, vermindering van loskorrelprobleem en yl-trosse: Dien toe as 'n gerigte bespuiting of doopbehandeling by 4 tot 6 mm korrelgrootte.
	75 mℓ	Vir korrelvergroting, vermindering van loskorrelprobleem en as afskrikmiddel vir stingeluitdroging: Dien toe as 'n gerigte bespuiting of doopbehandeling by 4 tot 6 mm korrelgrootte.

Opmerkings
- Dien as 'n gerigte bespuiting op jong vrugte of trosse toe. Volledige bedekking van die vrugte is noodsaaklik. In tafeldruiwe kan 'n doopbehandeling van trosse ook gebruik word.
- Gebruik 'n spuitstang of rugsakspuit teen 'n volume van tussen 800 en 1000 water per hektaar op gevestigde kiwivrugte. Gebruik ooreenkomstig minder op jonger stokke.
- Verseker deeglike benatting en dien toe teen 'n volume van tussen 1 000 en 1 500 liter water per hektaar op gevestigde druif wingerde. Gebruik ooreenkomstig minder op jonger wingerde. Verleng die benattingsperiode deur tydens die koelste deel van die dag of gedurende die nag toe te dien.
- Gebruik van **BerryMAX** op kiwivrugte in die Natal-streek word nie aanbeveel nie. Gebruik effektiewe vrugtevlieg beheermaatreëls aangesien **BerryMAX** behandelde vrugte meer onderhewig aan vrugtevlieg aanvalle kan wees.

NOTA
BerryMAX mag 'n vertraging in rypwording van ongeveer 7 dae by tafeldruiwe tot gevolg hê. Dit kan egter ook handig te pas kom om die oestyd in sommige blokke te manipuleer.