



Excelero™ SL

Reg. No. /Nr. L10170 Act / Wet No. / Nr. 36 of / van 1947

READ THE LABEL BEFORE USE AND READ ATTACHED PACKAGED LEAFLET BEFORE USE AND KEEP OUT OF REACH OF CHILDREN AND ANIMALS	LEES DIE ETIKET VOOR GEBRUIK EN LEES AANGEHEGDE VOUBILJET VOOR GEBRUIK EN HOU BUIITE BEREIK VAN KINDERS EN DIERE
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PLANT GROWTH REGULATOR	PLANTGROEIREGULEERDER
A liquid concentrate plant growth regulator for use on table grapes as indicated.	'n Vloeibare konsentraat plantgroeireguleerder vir gebruik op tafeldruiwe soos aangedui.

Hazard Statements:

Toxic to aquatic life with long lasting effects.



Precautionary Statements:

Avoid release to the environment.
Collect spillage.

Gevaarverklarings:

Giftig vir waterlewende organismes met langdurige gevolge.

Voorsorgverklarings:

Vermyn vrystelling in die omgewing.
Maak stortsel bymekaar.

Active Ingredient / Aktiewe Bestanddeel

s-Abscisic Acid	100 g/L	s-Absissienuur
Net volume	2 L	Netto volume

REGISTRATION HOLDER / REGISTRASIEHOUER
VALENT BIOSCIENCES, a division of PHILAGRO SOUTH AFRICA PTY LTD/
'n divisie van PHILAGRO SUID AFRIKA EDMS BPK.
REG NO 1998/010658/07 REG NR
P O BOX 442 POSBUS
SOMERSET WEST / WES 7129
Tel. (021) 851-4163

EXCELERO™ is the registered trademark / is die geregistreerde handelsmerk van
VALENT BIOSCIENCES CORPORATION, Libertyville, Illinois USA

Batch No.	<input type="text"/>	Lot Nr.
Date of Manufacture	<input type="text"/>	Datum van Vervaardiging

UN No. / VN No. 3082

Emergency Numbers / Noodnommers:

Griffon Poison Information Centre: +27(0) 82 446 8946
Poisons Information Centre: +27(0) 86 155 5777

WARNINGS:

GHS Hazard Statements:

Toxic to aquatic life

Toxic to aquatic life with long lasting effects.

Keep out of reach of children, uninformed persons and animals.

Harmful if swallowed.

May cause eye irritation. In case of contact with eyes, flush with plenty of water and get medical attention.

May cause drying effect of skin. In case of skin contact, wash immediately with soap and plenty of water and remove contaminated clothes.

May cause damage to other crops.

Do NOT apply to plants under pest, nutritional or water stress.

Re-entry interval: Do not enter treated field until spray deposit has dried unless wearing protective clothing.

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, SOIL 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 THE APPLICATION. THE REGISTRATION HOLDER FURTHERMORE DOES NOT ACCEPT RESPONSIBILITY FOR DAMAGE TO CROPS AND 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:

GHS Precautions

General

If medical advice is needed, have product container or label at hand.

Keep out of reach of children.

Read carefully and follow all instructions.

Prevention

Avoid release to the environment.

Response

Collect spillage.

Storage

Store locked up.

Disposal

Dispose of contents or container to an approved waste disposal facility and in accordance with national regulations.

Avoid intake or inhaling of liquid or spray mist.

Avoid contact with skin, eyes and clothing.

Store in a cool, dry place.

Wear suitable protective clothing (overall, rubber boots, gloves as well as face shield) when handling or applying the product.

Wash with soap and water after use.

Do not eat, drink, or smoke whilst mixing, applying, or before washing hands and face or changing of clothing.

Avoid spray drift onto other crops.

Rinse empty container three times with a volume of water equal to a minimum of 10 % of that of the container.

Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.

Do not re-use empty container but destroy by flattening and perforation.

Prevent contamination of food, feeds, drinking water and eating utensils.

RELEVANT SUBSTANCES:

Hazardous Component	CAS Number	Weight - %	GHS Classification
S-Abscisic Acid	21293-29-8	10%	Aquatic Acute 1 – H400 (M factor = 1) Aquatic Chronic 1 – H410 (M factor = 1)

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

FIRST AID:

General Advice	In all cases of doubt, seek medical attention.
Eye Contact	Remove from source of exposure. Flush with copious amounts of water. Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present and easy to do, after the first 5 minutes, then continue rinsing. Provide symptomatic /supportive care as necessary. If irritation persists or signs of toxicity occur, seek medical attention. Call a poison centre or doctor for treatment advice.
Skin Contact	Remove from source of exposure. Take off contaminated clothing. Flush with copious amounts of water. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary.
Inhalation	Remove from source of exposure. If signs of toxicity occur, seek medical attention. Provide symptomatic/supportive care as necessary. If person is not breathing, call 911, then give artificial respiration.
Ingestion	Remove from source of exposure. Move person to fresh air. Do NOT induce vomiting. Give large quantities of water. If signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary.

Medical Advice

No specific antidote. Treat symptomatically and supportive.

DIRECTIONS FOR USE

USE ONLY AS DIRECTED.

SPRAY VOLUME PER HECTARE

Apply in sufficient amount of water to ensure thorough coverage of all bunches without excessive run-off. Use calibrated spray equipment to ensure uniform coverage to both sides of all bunches. Ensure that no droplet forms at the bottom of the berries. Do not use a coarse droplet size. Apply as a bunch directed spray, adjust spray volumes based on canopy structure and spray equipment. Spraying with handguns directed at the bunches is not recommended.

In many cases, spray volumes of approximately 1000 L/HA have been shown to be adequate.

CONSULT THE TECHNICAL ADVISOR OF YOUR **EXCELERO™ SL** DISTRIBUTOR.

TIME OF APPLICATION

1. Apply when wind conditions will not cause excessive spray drift.
2. Apply in the early morning or evening when conditions are best for slow drying (cooler temperature and higher humidity), in order to ensure adequate absorption of the product. If applied in the morning, assure that the bunches are not too wet from dew.
3. Delay applying of **EXCELERO™ SL** after rain until bunches are free of surface droplets. Application should be made only when a 6-hour rain free period is expected. If rain falls within 6 hours of application reduced response should be anticipated. Do not re-spray in the event of rain falling within 6 hours of application.

MIXING INSTRUCTIONS

Do not pre-mix **EXCELERO™ SL**.

Fill a clean spray tank half-filled with clean water and engage the agitator. Add the required amount of **EXCELERO™ SL**.

A non-ionic surfactant is required at the registered rate for table grapes.

Product performs best at water pH between 5 and 7; do not exceed pH of 8.5.

Continue to agitate while bringing the total volume of water to the required level.

Use the **EXCELERO™ SL** spray solution within 24 hours of mixing.

RECOMMENDATIONS

Crop	Objective	EXCELERO™ SL / 100 L Water	Timing of Application	Critical Comments
Table Grapes				<p>Apply 1000 L water / ha, as a bunch directed spray with a non-ionic surfactant.</p> <p>Ensure even and thorough coverage of all bunches as uneven coverage may result in unevenly coloured bunches.</p> <p>EXCELERO™ SL results may vary on specific blocks based on the canopy structure, crop load, rootstock, soil type, geographical area and the season.</p> <p>Colour response to EXCELERO™ SL applications increases with increased dose rates, multiple applications or in combinations with ethephon.</p> <p>Multiple applications may be necessary in poor colouring blocks or unfavourable environmental conditions.</p>
“Easy to Colour” Conditions				
Crimson Seedless	To accelerate or increase the colouration in berries and bunches.	200 ml	Apply EXCELERO™ SL at 2 weeks after veraison.*	
Flame Seedless	To accelerate or increase the colouration in berries and bunches.	200 ml	Apply the 1 st EXCELERO™ SL spray at veraison.	
		200 ml	Apply the 2 nd EXCELERO™ SL spray, 1 week after veraison.	
Red Globe	To accelerate or increase the colouration in berries and bunches.	200 ml	Apply the 1 st EXCELERO™ SL spray at veraison.	
		200 ml	Apply the 2 nd EXCELERO™ SL spray, 1 week after veraison.	
“Difficult to Colour” Conditions:				
Crimson Seedless	To accelerate or increase the colouration in berries and bunches.	200 ml	Apply the 1 st EXCELERO™ SL spray, 2 weeks after veraison.	
		200 ml	Apply the 2 nd EXCELERO™ SL spray, 3 weeks after veraison.	
Flame Seedless	To accelerate or increase the colouration in berries and bunches.	400 ml	Apply the 1 st EXCELERO™ SL spray at veraison.	
		200 ml	Apply the 2 nd EXCELERO™ SL spray, 1 week after veraison.	
Red Globe	To accelerate or increase the colouration in berries and bunches.	400 ml	Apply the 1 st EXCELERO™ SL spray at veraison.	
		200 ml	Apply the 2 nd EXCELERO™ SL spray, 1 week after veraison.	

* **Veraison: 5% colour, approximately 80% berry softening in the block to be treated.**

NOTES

1. Do not mix **EXCELERO™ SL** with pesticides, insecticides, fungicides or plant nutrients.
2. Use properly calibrated spray equipment that ensures uniform and complete coverage of all bunches.
3. Colour response of table grapes after a **EXCELERO™ SL** application is dependent on many interacting variables such as timing & rate of application, cultivar, root stock, tree age, crop load, soil type, canopy structure, nutrition status, leaf removal, environmental conditions and interaction with ethephon. Local knowledge is essential if the desired result is to be attained.
4. Seek expert advice before using **EXCELERO™ SL** for the first time on table grapes.
5. **EXCELERO™ SL** treated grapes should be harvested at optimum colour and maturity standards.

WAARSKUWINGS:

GHS Gevaarverklarings:

Giftig vir waterlewendes organismes.

Giftig vir waterlewendes organismes met langdurige gevolge.

Hou buite die bereik van kinders, oningeligte persone en diere.

Nadelig wanneer ingeneem word.

Mag oog-irritasie tot gevolg hê. Indien middel met oë in aanraking kom, was oë met genoegsame hoeveelheid water en verkry mediese advies.

Mag uitdroging van vel tot gevolg hê. In geval van kontak met vel, was onmiddellik met seep, water en verwyder besoedelde klere.

Mag ander gewasse beskadig.

MOENIE toedien op plante wat onder plaag, voeding of water stres kondisies is nie.

Herbetreding: Moenie behandelde area betree voordat spuitneerslag afgedroog is nie, tensy beskermende klere gedra word.

ALHOEWEL HIERDIE MIDDEL OMVATTEND ONDER 'N GROOT VERSKEIDENHEID TOESTANDE IS WAARBORG DIE REGISTRASIEHOUER NIE DAT DIT ONDER ALLE TOESTANDE DOELTREFFEND SAL WEES NIE, AANGESIEN DIE WERKING EN EFFEK DAARVAN BEINVLOED 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 AKKURAAKHEID 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 VERBRUIKER 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:

GHS Voorsorgverklarings

Algemeen

Indien mediese advise benodig word, hou die produkhouer of-etiket byderhand.

Hou buite bereik van kinders.

Lees sorgvuldig en volg alle instruksies.

Voorkomend

Vermy vrystelling in die omgewing.

Reaksie

Maak stortsel bymekaar.

Berging

Berg agter slot en grendel.

Ontslaeraak (wegdoen)

Raak ontslae van inhoud/houer deur gebruik te maak van 'n goedgekeurde afvalverwyderingsfasiliteit, in ooreenstemming met nasionale regulasies.

Vermy inname of inaseming van vloeistof of spuitmis.

Vermy kontak met vel, oë en klere.

Stoor in 'n koel, droë plek.

Dra voldoende beskermende klerasie (oorpak, rubberstewels, rubberhandskoene en gesigmasker) terwyl produk hanteer of gespuit word.

Was deeglik met seep en water na gebruik.

Moenie eet, drink of rook gedurende hantering, toediening en voordat hande en gesig deeglik gewas en skoon klere aangetrek is nie.

Verhoed die wegdryf van sporeinewel na ander gewasse.

Spoel leë houer drie keer uit met 'n volume water gelykstaande aan 'n minimum van 10 % van die houer.

Gooi die spoelwater by die inhoud van die spuittenk voordat die houer op die voorgeskrewe wyse vernietig word.

Vernietig leë houer deur gate daarin te maak en dit plat te druk en moet dit vir geen ander doel gebruik nie.

Vermy besoedeling van kos, voedselware, drinkwater en eetgerei.

RELEVANTE BESTANDELE:

Gevaarlike komponent	CAS Nommer	Massa %	GHS Klassifikasie
S-Absissiensuur	21293-29-8	10%	Gevaarlik vir die wateromgewing, akute gevaar 1 – H400 (M faktor = 1) Gevaarlik vir die wateromgewing, akute gevaar 1 – H410 (M faktor = 1)

LET WEL: Die ander bestanddele wat nie hierbo ingesluit is nie, veroorsaak of dra nie by tot die korrekte GHS-klassifikasie van **EXCELERO™ SL** nie en is dus in terme van die Suid-Afrikaanse Regulasie vir Gevaarlike Chemiese Middels - 2021; Regulasie 14(b), nie gelys nie.

NOODHULP:

Algemene advies	In alle gevalle van twyfel, verkry mediese noodhulp.
Oogkontak	Verwyder van bron van blootstelling. Spoel oë met groot hoeveelhede water. Hou die oog oop en spoel stadig en saggies met water vir 15-20 minute. Verwyder kontaklense, indien teenwoordig en maklik om te doen, na die eerste 5 minute, en gaan dan voort met spoel. Voorsien simptomaties / ondersteunende sorg soos nodig. Indien irritasie voortduur of tekens van toksisiteit voorkom, verkry mediese noodhulp. Bel 'n gifsentrum of dokter vir behandelingsadvies.
Vel kontak	Verwyder van bron van blootstelling. Verwyder besoedelde klere. Spoel vel met groot hoeveelhede water. Indien irritasie of tekens van toksisiteit voorkom, verkry mediese noodhulp. Voorsien simptomaties / ondersteunende sorg soos nodig.
Inaseming	Verwyder van bron van blootstelling. Indien tekens van toksisiteit voorkom, verkry mediese noodhulp. Voorsien simptomaties / ondersteunende sorg soos nodig. Indien die persoon nie asemhaal nie, skakel die nooddienste en gee dan kunsmatige asemhaling.
Inname	Verwyder van bron van blootstelling. Beweeg persoon na vars lug. MOENIE braking veroorsaak nie. Gee groot hoeveelhede water. Indien tekens van toksisiteit voorkom, verkry mediese noodhulp. Voorsien simptomaties / ondersteunende sorg soos nodig.

Mediese advies

Geen spesifieke teenmiddel nie. Behandel simptomaties en ondersteunend.

GEBRUIKSAANWYSINGS

GEBRUIK SLEGS SOOS AANGEDUI.

SPUITVOLUME PER HEKTAAR

Dien toe in genoegsame hoeveelheid water om goeie bedekking te verseker sonder oormatige afloop. Gebruik gekalibreerde spuittoerusting om uniforme bedekking aan beide kante van alle trosse te verseker. Maak seker dat daar geen druppel aan die onderkant van die korrels vorm nie. Moenie 'n growwe druppelgrootte gebruik nie. Dien as 'n trosgerigte bespuiting toe, maak aanpassings t.o.v. die spuitvolume gebaseer op opleisistiem en spuit toerusting. Spuit met trosgerigte handstange word nie aanbeveel nie.

In baie gevalle, sal 'n spuitvolume van 1000 L/HA voldoende wees.

RAADPLEEG DIE TEGNIESE ADVISEUR VAN U **EXCELERO™ SL** VERSPREIDER.

TYD VAN TOEDIENING

1. Dien toe wanneer windtoestande nie oormatige wegdryf van spuitnewel tot gevolg sal hê nie.
2. Dien **EXCELERO™ SL** vroeg in die oggend of in die aand toe, wanneer stadig drogende kondisies optimaal is (koel temperatuur en hoë humiditeit), om sodoende maksimum opname van die produk te verkry. As **EXCELERO™ SL** in die oggend toegedien word, maak seker dat die trosse nie te nat is van dou nie.
3. Vertraag die toediening van **EXCELERO™ SL** na reën totdat daar nie meer waterdruppels aanwesig is op die trosse nie. Toediening moet slegs geskied wanneer reën nie binne 6 uur na toediening verwag word nie. Indien dit sou reën binne 6 uur na toediening, moet 'n swakker resultaat verwag word. Moenie oorspuit indien reën binne 6 uur van toediening val nie.

MENGINSTRUKSIES

Moenie **EXCELERO™ SL** vooraf meng nie.

Vul skoon spuitenk half met skoon water en skakel die roerstelsel aan. Voeg die verlangde hoeveelheid **EXCELERO™ SL** by.

'n Nie-ioniese benattingsmiddel word benodig teen die geregistreerde dosis vir tafeldruiwe.

Die produk is die mees effektiefste by 'n water pH tussen 5 en 7, moenie 'n pH van 8.5 oorskry nie.

Hou aan roer terwyl die tenk met water gevul word tot die verlangde merk.

'n **EXCELERO™ SL** mengsel moet binne 24 uur na vermenging toegedien word.

AANBEVELINGS

Gewas	Doelwit	EXCELERO™ SL / 100 L Water	Tyd van Toediening	Kritiese Opmerkings
Tafeldruive				Dien 'n 1000 L water / ha toe as 'n trosgerigte bespuiting met 'n nie-ioniese benattingsmiddel.
“Maklik om te kleur” kondisies				
Crimson Seedless	Om kleurontwikkeling van die druiwe korrels of trosse te versnel of te verhoog.	200 ml	Dien EXCELERO™ SL 2 weke na deurslaan toe. *	Verseker eweredige en deeglike bedekking van alle trosse. Onvoldoende bedekking mag lei tot oneweredige kleurontwikkeling in die trosse.
Flame Seedless	Om kleurontwikkeling van die druiwe korrels of trosse te versnel of te verhoog.	200 ml	Dien die 1 ^{ste} EXCELERO™ SL bespuiting tydens deurslaan toe.	
Red Globe	Om kleurontwikkeling van die druiwe korrels of trosse te versnel of te verhoog.	200 ml	Dien die 2 ^{de} EXCELERO™ SL bespuiting, 1 week na deurslaan toe.	EXCELERO™ SL resultate mag varieer tussen blokke na aanleiding van die opleisisteam, oeslading, ondersteek, grondtipe, die geografiese area en seisoen.
		200 ml	Dien die 1 ^{ste} EXCELERO™ SL bespuiting tydens deurslaan toe.	
Crimson Seedless	Om kleurontwikkeling van die druiwe korrels of trosse te versnel of te verhoog.	200 ml	Dien die 1 ^{ste} EXCELERO™ SL bespuiting tydens deurslaan toe.	Kleurontwikkeling reaksie na EXCELERO™ SL bespuitings verhoog met verhoogde dosisse, meervoudige toediennings of kombinasies met ethephon.
		200 ml	Dien die 2 ^{de} EXCELERO™ SL bespuiting, 1 week na deurslaan toe.	
Flame Seedless	Om kleurontwikkeling van die druiwe korrels of trosse te versnel of te verhoog.	400 ml	Dien die 1 ^{ste} EXCELERO™ SL bespuiting tydens deurslaan toe.	Meervoudige toediennings mag benodig word in blokke met swak kleurontwikkeling of tydens ongunstige omgewingskondisies.
		200 ml	Dien die 2 ^{de} EXCELERO™ SL bespuiting, 3 weke na deurslaan toe.	
Red Globe	Om kleurontwikkeling van die druiwe korrels of trosse te versnel of te verhoog.	400 ml	Dien die 1 ^{ste} EXCELERO™ SL bespuiting tydens deurslaan toe.	
		200 ml	Dien die 2 ^{de} EXCELERO™ SL bespuiting, 1 week na deurslaan toe.	
“Moeilik om te kleur” kondisies:				

* Deurslaan: 5% kleur, ongeveer 80% sagte korrels in die blok wat behandel gaan word.

NOTAS

1. Moenie **EXCELERO™ SL** meng met plaagbeheermiddels of blaarvoedingsmiddels nie.
2. Maak gebruik van korrek gekalibreerde spuittoerusting wat 'n uniforme en volledige bedekking van alle trosse sal verseker.
3. Die kleurontwikkeling reaksie van tafeldruive na 'n **EXCELERO™ SL** toediening is afhanklik van die interaksie van verskeie faktore, soos die tyd en dosis van toediening, kultivar, onderstok, stokouderdom, opleisisteem, voedingsstatus, grondtipe, trosloading, blaarverwydering, omgewingstoestande en interaksie met ethephon. Plaaslike kennis van bogenoemde faktore is noodsaaklik indien die verlangde resultate verkry wil word.
4. Verkry deskundige advies voordat **EXCELERO™ SL** vir die eerste keer op tafeldruive toegedien word.
5. **EXCELERO™ SL** behandelde druiwe moet geoes word by optimum kleur en rypheidstandaarde.