



Accede[®]

Reg. No. L11634 Act No. 36 of 1947

**READ THE LABEL BEFORE USE AND READ ATTACHED PACKAGED LEAFLET BEFORE USE
AND
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

A liquid concentrate plant growth regulator for use on apples as indicated.

Hazard Statements:

Toxic to aquatic life.

Precautionary Statements:

If medical advice is needed, have product container or label at hand.
Avoid release to the environment.

Active Ingredient:

1-Aminocyclopropane-1-carboxylic acid **112 g/L**

Net volume **5 L**

REGISTRATION HOLDER

PHILAGRO SOUTH AFRICA (PTY) LTD

REG NO 1998/010658/07

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Accede[®] is the registered tradename of Valent BioSciences LLC, Libertyville, Illinois USA

Batch No.

Date of Manufacture



Expiry date

3 years / 3 jaar

UN No.: 3082

Emergency Numbers:

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.

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.

DISCLAIMER:

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 soil, climatic and storage conditions, 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 or registration holder 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.

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, rubber 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.

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

Do not contaminate rivers, dams and water sources.

Avoid spray drift onto other crops.

Store between 7 and 26°C. The product, once opened, should not be stored below 12°C.

Invert empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of 10 % of that of the container. Add the rinsings to the contents of the spray tank before disposing of the container in the pre-scribed manner.

RELEVANT SUBSTANCES:

Hazardous Component	CAS Number	Weight %	GHS Classification
1-Aminocyclopropane-1-carboxylic acid	22059-21-8	10%	Aquatic Toxicity – Acute, Category 1

NOTE: The other ingredients not included above, do not cause or contribute towards the correct GHS classification of Accede® 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. Remove contact lenses, if present and easy to do, after the first 5 minutes, then continue rinsing. If irritation persists or signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary.

Skin Contact

Remove from source of exposure. Take off contaminated clothing. Flush with copious amounts of water. If irritation occurs 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, seek medical advice, then give artificial respiration.

Ingestion

Remove from source of exposure. Move person to fresh air. Do NOT induce vomiting. If signs of toxicity occur, seek medical attention. Provide symptomatic /supportive care as necessary.

Medical Advice

No specific antidote. Treat symptomatically and supportively.

DIRECTIONS FOR USE: USE ONLY AS DIRECTED:**SPRAY VOLUME PER HECTARE:**

Adjust spray volumes based on 40% of Tree Row Volume (TRV). In many cases, spray volumes of approximately 1000 L / ha have been shown to be adequate. Apply in sufficient amount of water to ensure thorough coverage without excessive run-off. Use calibrated spray equipment to ensure uniform coverage of all the leaves and fruit.

CONSULT THE TECHNICAL ADVISOR OF YOUR ACCEDE® 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 fruit and leaves are not too wet from dew. Avoid applications during the heat of the day.
3. Delay application of Accede® after rain until leaves and fruit 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 after application, a reduced response should be anticipated. Do not re-spray in the event of rain expected within 6 hours after application.

MIXING INSTRUCTIONS:

- Do not pre-mix Accede®.
- Fill a clean spray tank half-filled with clean water and engage the agitator before adding the required amount of Accede®.
- A non-ionic surfactant is required at the registered rate for apples.
- Product performs best at water pH between 5 and 7; do not exceed a pH of 7.0.
- Continue to agitate while bringing the total volume of water to the required level.
- Use the Accede® spray solution within 24 hours of mixing.

COMPATIBILITY STATEMENT

Accede® is compatible with Villa 51 (Reg. No. L8050). Consult the Villa 51 label for full particulars. The compatibility of Accede® in combination with complementary products may be influenced by the formulation of the products involved as well as the quality and pH of the water. Since the formulation of these products may change without the knowledge of Philagro South Africa (Pty) Ltd and the quality of water may vary from farm to farm, a physical compatibility test should always be carried out prior to application. Small quantities of the products to be used, in the correct proportion, should first separately be diluted with water and then mixed together while constantly stirring to check for any signs of incompatibility e.g., flocculation etc. Take note that both low spray volumes and cold water may decrease compatibility of tank mixtures. When Accede® is used prior to; subsequent to or in conjunction with any other agricultural remedy, all full Warnings, Precautions, Restrictions and Directions for Use on the labels of those other remedies must be read and fully complied with.

RECOMMENDATIONS:

CROP	OBJECTIVE	ACCEDE® / 100 L WATER	TIMING OF APPLICATION	CRITICAL COMMENTS
APPLES - FRUIT THINNING				
Moderate to difficult to thin cultivars i.e. AfriGlo, Royal Gala, Cripps Pink, Fuji, Cripps Red	Fruit thinning and increase fruit size	400 ml	Apply Accede® when the average fruitlet size is between 15-20 mm in diameter and the maximum daily temperatures following the application are expected to be at least 18°C for 2-3 days.	Apply in 1000 L water / ha (based on 40% of the Tree Row Volume), as a full canopy spray with a non-ionic surfactant (e.g. Villa 51).
Notes on Apples: - Do not exceed a maximum of one Accede® application per season, or a maximum dosage rate of 4 L / ha of Accede® on apples. - Accede® results may vary on specific orchards based on the vegetative growth, rootstock, soil type, geographical area, environmental conditions and season.				

NOTES

- Do not mix Accede® with pesticides, insecticides, fungicides or plant nutrients.
- Do not apply Accede® when warm temperatures (>30°C) are expected before or after application.
- Do not apply Accede® on trees that are under stress (e.g., environment, disease, pest, water etc.).
- Use proper calibrated spray equipment that ensures uniform and complete coverage of leaves and fruit.
- Fruit tree reaction to chemical fruit thinners is dependent on many interacting variables such as the degree and evenness of flowering, flower quality, fruit set, vegetative growth, timing of applications, environmental conditions, cultivar, rootstock, tree age, tree shape, nutrition status, reserve status and the interaction of other thinning agents. Local knowledge is essential if the desired result is to be attained.
- Seek expert advice before using Accede® for the first time on apples.

THE FOLLOWING REGISTERED TRADEMARK IS ACKNOWLEDGED:

Accede® is a registered tradename of Valent Biosciences LLC, Illinois, USA.

THE FOLLOWING REGISTRATION UNDER ACT NO. 36 OF 1947 IS ACKNOWLEDGED:

PRODUCT	REGISTRATION NUMBER	REGISTRATION HOLDER
Villa 51	L8050	Universal Crop Protection (Pty) Limited