**Active Ingredient:**
1-aminocyclopropanecarboxylic acid (ACC) 10.0%

**Other Ingredients** 90.0%

**Total** 100.0%

EPA Reg. No. 73049-517
EPA Est. No. 33762-IA-001 List No. A560230-04-02  A50410680/R1

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**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**FIRST AID**

1.0 If swallowed
   - Call a poison control center or doctor for treatment advice.
   - Do not induce vomiting unless told to do so by a poison control center or doctor.
   - Do not give anything by mouth to an unconscious person.

**HOTLINE NUMBER**

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-Valent.

**2.0 PRECAUTIONARY STATEMENTS**

2.1 HAZARD TO HUMANS (AND DOMESTIC ANIMALS)
   **CAUTION**
   Avoid breathing spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

2.2 Personal Protective Equipment (PPE)
Applicators and other handlers must wear:
- Long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.

Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

2.3 User Safety Recommendations
Users should:
- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then, wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

2.4 Environmental Hazards
Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

3.0 DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State/Tribal agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements in this labeling about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:
- Coveralls.
- Waterproof gloves.
- Shoes plus socks.
5.0 GENERAL INFORMATION

**Accede™ Plant Growth Regulator Liquid Concentrate**
(hereafter referred to as Accede) contains 10.0% (wt/wt) 1-aminocyclopropane-1-carboxylic acid, commonly known as ACC. ACC is a potent plant growth regulator. ACC is a precursor for ethylene production in plant tissues. Ethylene affects plant processes such as flower development, fruit set, fruit maturation, fruit ripening, and fruit abscission.

**IMPORTANT:** Before application, read all use directions thoroughly. Use Accede only as directed. For specific information on the best use practices for your location, consult with your Valent Agricultural Specialist (1-800-6-Valent).

6.0 GENERAL APPLICATION INSTRUCTIONS

**IMPORTANT**
- Do not apply this product through any type of irrigation system.
- Accede rate will depend on the amount of fruit thinning required. Product performance can be impacted by factors such as cultivar, prevailing and anticipated climatic conditions, tree vigor, fruit set potential and orchard history.
- Not all varieties and clones have been individually tested for crop safety under all environmental conditions and growing circumstances.
- On tree crops, apply Accede in sufficient water to ensure that flowers, fruits, and foliage receive thorough spray coverage using calibrated spray equipment. Adjust water volumes based on plant size and spacing. However, excessive spray application volumes resulting in spray runoff will reduce product efficacy.
- Prepare spray solution by mixing the required amount of product with water in a clean, empty spray tank. Dispose of any unused spray material at the end of each day.
- Avoid applications during the heat of the day. For best results, apply Accede under slow drying conditions, e.g., early in the morning or at night in order to maximize absorption.
- Maintain solution pH between 5 and 8.
- Do not apply Accede to injured or stressed plants or fruits, e.g., drought stress, freeze injury, girdled trees, etc.
- Do not use overhead cooling or irrigation equipment for at least 8 hours following Accede application.
- Do not apply Accede if rain is expected within 8 hours of application.

### Compatibility With Other Agricultural Products

**NOTICE:** Tank mixing or use of this product with any other product which is not specifically and expressly authorized by the label shall be the exclusive risk of user, applicator and/or application advisor, to the extent allowed by applicable law. Read and follow the entire label of each product to be used in the tank mix with this product. When using combinations of products the most restrictive of label limitations and precautions must be followed. Do not mix with any pesticide that has a prohibition against tank mixing.

For further information consult your Valent Agricultural Specialist (1-800-6-Valent).

## APPLE – FOR FRUIT THINNING

<table>
<thead>
<tr>
<th>Crop</th>
<th>Objective/ Benefit</th>
<th>Application Timing/ Use Instructions</th>
</tr>
</thead>
</table>
| Apple                 | Depending on cultivar, orchard conditions, application timing, and grower objectives, one or more of the following benefits will be associated with Accede:  
  - Fruit thinning  
  - Enhanced return bloom | Apply 23 to 46 fl oz Accede per acre (equivalent to 2.67 to 5.34 oz a.i. per acre or 200 to 400 ppm ACC assuming a spray volume of 100 gallons per acre) using sufficient spray volume to ensure complete tree coverage (refer to the dilution table for assistance).  
  Accede can be applied in the period from full bloom until the average diameter of the king fruitlet is 25 mm. Accede is most active when king fruitlet diameter is 15 - 20 mm. |

**NOTE:** Direct 80% of the spray into the upper 2/3 of the tree canopy. Use higher rates in orchards that have a history of being difficult to thin, in varieties known to be difficult to thin, and in cool weather situations. Use Accede in a program with other thinning products. Consider reducing the rate of application if temperatures are expected to exceed 90°F on the day of application. Allow 7-10 days to observe the effect of any thinning product before making another application. For specific information on the best use practices for your location, consult with your Valent Agricultural Specialist (1-800-6-Valent).

**Water Volume:** Accede efficacy requires that fruit and foliage receive thorough spray coverage. To ensure thorough coverage adjust water volumes based on tree size and spacing and use calibrated spray equipment (i.e., orchard air blast sprayer). Excessive spray application volumes that result in spray runoff will reduce product performance. In most cases, 100 gallons per acre has been shown to be effective.

**Adjuvants:** Use of a non-ionic surfactant with Accede will improve performance and response.

**Additional Notes:**
- Compatibility and performance data for Accede with other agricultural products are not available.
- Application of Accede to stressed trees or when temperatures are above 90°F may result in minor leaf yellowing or leaf drop.
- Do not apply Accede during bloom if there is a frost at this time. If frost occurs during bloom, wait until damage to flowers and buds can be assessed to determine if application of Accede is needed for additional thinning.
STONE FRUIT (CROP GROUP 12) – FOR FRUIT THINNING

<table>
<thead>
<tr>
<th>Crop</th>
<th>Objective/ Benefit</th>
<th>Application Timing/ Use Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nectarine, Peach</td>
<td>Depending on cultivar, orchard conditions, application timing, and grower objectives, the following benefits will be associated with Accede: • Fruit thinning</td>
<td>Apply 34.5 to 69 fl oz Accede per acre (equivalent to 4.0 to 8.0 oz a.i. per acre or 300 to 600 ppm ACC assuming a spray volume of 100 gallons per acre) using sufficient spray volume to ensure complete tree coverage (refer to the dilution table for assistance). Accede rate will depend on the amount of fruit thinning required. Product performance can be impacted by factors such as cultivar, prevailing and anticipated climactic conditions, tree vigor, fruit set potential and orchard history. Accede can be applied from the pink bud stage to petal fall. Do not apply ACC prior to pink bud stage. In order to achieve the proper timing, targeting sprays between the upper and lower tree canopy may be necessary. Make the first application of Accede from pink bud to full bloom. Make a second application 7-10 days later if necessary. Do not exceed a total of 8.0 oz a.i. per acre (69 fl oz Accede per acre, equivalent to 600 ppm ACC assuming a spray volume of 100 gallons per acre) in a single application. Do not apply Accede after petal fall. Do not apply when frost is expected.</td>
</tr>
</tbody>
</table>

Note: Direct 80% of the spray into the upper 2/3 of the tree canopy. Use higher rates in orchards that have a history of being difficult to thin and in varieties known to be difficult to thin. Do not apply Accede if temperatures are expected to fall below 32°F or exceed 90°F on the day of application. For specific information on the best use practices for your location, consult with your Valent Agricultural Specialist (1-800-6-Valent).

**Objective/ Application Timing/ Use Instructions**

- **100 ppm** - 11.5 fl oz
- **200 ppm** - 23 fl oz
- **300 ppm** - 34 fl oz
- **400 ppm** - 46 fl oz
- **500 ppm** - 57 fl oz
- **600 ppm** - 69 fl oz

Note: Accede contains 56 grams active ingredient per 16.9 fluid ounces.

### Water Volume:
Accede efficacy requires that fruit and foliage receive thorough spray coverage. To ensure thorough coverage adjust water volumes based on tree size and spacing and use calibrated spray equipment (i.e., orchard air blast sprayer). Excessive spray application volumes that result in spray runoff will reduce product performance. In most cases, 100 gallons per acre has been shown to be effective.

### Adjuvants:
Use of a non-ionic surfactant with Accede will improve performance and response.

### Additional Notes:
- Compatibility and performance data for Accede with other agricultural products are not available.
- Application of Accede to stressed trees or when temperatures are above 90°F or below 32°F may result in over thinning and leaf yellowing or leaf drop.
- Do not apply Accede to injured or stressed plants or fruit, e.g., girdled trees, freeze injury, etc.

### Warranty and Disclaimer Statement

**Disclaimer, Risks of Using This Product, Limited Warranty and Limitation of Liability**

**Important:** Read the entire label including this Disclaimer, Risks of Using This Product, Limited Warranty, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**Risks of Using This Product**
The Buyer and User (referred to collectively herein as “Buyer”) of this product should be aware that there are inherent unintended risks associated with the use of this product, which are impossible to eliminate. These risks include, but are not limited to, injury to plants and crops to which this product is applied, lack of control of the target pests or weeds, resistance of the target pest or weeds to this product, injury caused by drift, and injury to rotational crops caused by carryover in the soil. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture...
8.0 WARRANTY AND DISCLAIMER STATEMENT (Cont’d)

conditions, irrigation practices, condition of the crop at the
time of application, presence of other materials either
applied in the tank mix with this product or prior to application
of this product, cultural practices or the manner of use or
application, (or a combination of such factors) all of which
are factors beyond the control of Valent BioSciences. The
Buyer should be aware that these inherent unintended
risks may reduce the harvested yield of the crop in all or
a portion of the treated acreage, or otherwise affect the
crop such that additional care, treatment and expense
are required to take the crop to harvest. If the Buyer
chooses not to accept these risks, THEN THIS PRODUCT
SHOULD NOT BE APPLIED. By applying this product Buyer
acknowledges and accepts these inherent unintended
risks AND TO THE FULLEST EXTENT ALLOWED BY LAW,
AGREES THAT ALL SUCH RISKS ASSOCIATED
WITH THE APPLICATION AND USE ARE ASSUMED BY THE
BUYER.

Valent BioSciences shall not be responsible for losses or
damages (including, but not limited to, loss of yield, increased
expenses of farming the crop or such incidental, conse-
quential or special damages that may be claimed) resulting
from use of this product in any manner not set forth on
the label. Buyer assumes all risks associated with the use
of this product in any manner or under conditions not
specifically directed or approved on the label.

LIMITED WARRANTY

Valent BioSciences warrants only that this product conforms
to the chemical description on the label and is reasonably
fit for the purposes stated in the label, under average
use conditions, when used strictly in accordance with the
label and subject to the Risks of Using This Product
as described above. To the extent consistent with
applicable law AND AS SET FORTH ABOVE, VALENT
BIOSCIENCES MAKES NO OTHER WARRANTIES,
EITHER EXPRESSED OR IMPLIED. No agent or repre-
sentative of Valent BioSciences or Seller is authorized to
make or create any other express or implied warranty.

LIMITATION OF LIABILITY

To the fullest extent allowed by law, Valent BioSciences
or Seller is not liable for any incidental, consequential,
direct, or special damages resulting from the use or
handling of this product. The limitation includes, but
is not limited to, loss of yield on all or any portion of the
treated acreage, increased care, treatment or other
expenses required to take the crop to harvest, increased
finance charges or altered finance ratings, emotional
or mental distress and/or exemplary damages. TO THE
FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE
REMEDY OF THE BUYER, AND THE EXCLUSIVE
MAXIMUM LIABILITY OF VALENT BIOSCIENCES OR
SELLER FOR ANY AND ALL CLAIMS, LOSSES,
INJURIES OR DAMAGES (INCLUDING CLAIMS BASED
ON BREACH OF WARRANTY, CONTRACT, NEGLI-
GENCE, TORT, STRICT LIABILITY OR OTHERWISE)
RESULTING FROM THE USE OR HANDLING OF
THIS PRODUCT SHALL BE THE RETURN OF THE
PURCHASE PRICE OF THIS PRODUCT OR, AT THE
ELECTION OF VALENT BIOSCIENCES OR SELLER,
THE REPLACEMENT OF THE PRODUCT.

PROMPT NOTICE OF CLAIM

Valent BioSciences must be provided with prompt notice
of any claim so that an immediate inspection of the affected
property or plants can be made. To the extent applicable
law allows such requirement, notice of a claim shall be
given promptly to Valent BioSciences, whether the claim
is based on contract, negligence, strict liability, or other
tort or otherwise be barred from any remedy.

NO AMENDMENTS

Valent BioSciences and Seller offer this product, and Buyer
accepts it, subject to the foregoing Disclaimer, Risks of
Using This Product, Limited Warranty and Limitation of
Liability, which may not be modified by any oral or written
agreement.