ConTego™ SL contains 10 g of S-Abscisic Acid per 100 ml of product. ConTego SL contains the active ingredient S-Abscisic acid, commonly known as S-ABA. S-ABA is a naturally occurring plant growth regulator found in plants. Application of S-ABA controls plant growth, reduces transpiration and water use, and increases the plant's tolerance to environmental stresses (such as drought or chilling).

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

EPA Reg. No.: 73049-493
EPA Est. No.: 33762-IA-001

See back label for First Aid, Precautionary Statements, Storage/Disposal Statements and Directions for Use.

**NET CONTENTS: 68 oz (2 L)**

ConTego is a trademark of Valent BioSciences LLC.
**CONTEGO SL**

**PLANT GROWTH REGULATOR**

**SOLUBLE LIQUID**

FOR USE ON VEGETABLE CROPS

**APPLICATION INSTRUCTIONS**

**Active Ingredient:**
- S-Abcisic Acid

**Other Ingredients:**
- 90.0% w/w

**Total:**
- 100.0% w/w

ConTego® SL contains 10 g of S-Abcisic Acid per 100 ml of product. ConTego SL contains the active ingredient S-Abcisic Acid, commonly known as S-ABA. S-ABA is a naturally occurring plant growth regulator found in plants. Application of S-ABA controls plant growth, reduces transpiration and water use, and increases the plant’s tolerance to environmental stresses (such as drought or chilling).

**EPA Est. No.:** 33762-IA-001

**EPA Reg. No.:** 73049-493

**List:** 00000-04-01

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

**Personal Protective Equipment (PPE)**

Applicators and other handlers must wear:
- Long-sleeved shirt and long pants.
- Chemical resistant gloves.
- Shoes plus socks.
- Protective eyewear.

Follow the 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.

**Application Instructions:**

The optimal usage rate of ConTego SL varies depending on the crop, the individual user’s production situation and the desired final plant height and appearance. To ensure crop safety, apply a small area prior to large scale application to determine the optimum ConTego SL rate, timing and frequency under your individual production situations.

To prepare treatment solution, mix the required amount of product with the required amount of water in a clean container or spray tank. Discard any unused treatment solution at the end of each day following local, state or federal regulations.

**General Directions for Use**

**Use only as directed.** Read the label thoroughly and make sure it is fully understood before making applications. Applying ConTego SL (S-ABA) significantly reduces transpiration, delays wilting, reduces water requirements and usage, slows plant metabolism resulting in protection from environmental stresses such as drought, chilling, and transplant shock. Under stress conditions, endogenous S-ABA levels increase in plants. S-ABA in turn signals stomata to close, thus reducing water loss, controlling watering usage, as well as regulating other plant physiological processes resulting in reduced metabolism in plants. Exogenous application of S-ABA causes signaling the plant from undergoing environmental stress. Undesired effects can result from deviations in the direction labels in the rates, timings, water volumes, or the adoption of untreated spray mixtures when applying ConTego SL.

**Factors Affecting Response to ConTego SL**

In addition to proper application technique, environmental and cultural factors will affect the plant’s response to treatment with ConTego SL.

- **Different varieties or cultivars** within a given plant species may require a higher or lower rate of ConTego SL to achieve the desired reduction in stress response.
- **Temperature and humidity** are important factors in a plant’s response to ConTego SL. Higher temperatures and lower humidity will cause plants to dry more quickly than lower temperatures and high humidity.

Apply in the morning or evening when conditions are best for slow drying of applied material, in order to ensure adequate absorption of the product.

**Overhead irrigation or rainfall within 6 hours after application will reduce product activity.**

**FACTORS AFFECTING RESPONSE TO CONTEGO SL**

**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 washer or rinse.

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with the terms of the label. 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 or Tribal agency responsible for pesticide regulation.

**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 washer or rinse.

**Directions for Use**

It is a violation of Federal law to use this product in a manner inconsistent with the terms of the label. 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 or 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 on this label about proper 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 4 hours.

PPE required for 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
- Chemical resistant gloves (made of any waterproof material)
- Shoes plus socks
- Protective eyewear

**General Directions for Use**

Use only as directed. Read the label thoroughly and make sure it is fully understood before making applications. Applying ConTego SL (S-ABA) significantly reduces transpiration, delays wilting, reduces water requirements and usage, slows plant metabolism resulting in protection from environmental stresses such as drought, chilling, and transplant shock. Under stress conditions, endogenous S-ABA levels increase in plants. S-ABA in turn signals stomata to close, thus reducing water loss, controlling water usage, as well as regulating other plant physiological processes resulting in reduced metabolism in plants. Exogenous application of S-ABA causes signaling the plant from undergoing environmental stress. Undesired effects can result from deviations in the direction labels in the rates, timings, water volumes, or the adoption of untreated spray mixtures when applying ConTego SL.

**Application Instructions:**

The optimal usage rate of ConTego SL varies depending on the crop, the individual user’s production situation and the desired final plant height and appearance. To ensure crop safety, apply a small area prior to large scale application to determine the optimum ConTego SL rate, timing and frequency under your individual production situations.

To prepare treatment solution, mix the required amount of product with the required amount of water in a clean container or spray tank. Discard any unused treatment solution at the end of each day following local, state or federal regulations.

Use calibrated commercial or research spray equipment. Apply ConTego SL in a sufficient volume of water to ensure uniform, thorough, but not excessive coverage.

For best results apply ConTego SL under slow drying conditions, e.g., early in the morning or in the evening, avoiding high temperatures, low relative humidity, and/or windy conditions.

Do not apply ConTego SL to plants under stress (e.g., heat, water, disease or insect stress). ConTego SL may prevent injury but does not cure existing stress damage. Injured or stressed plants will show a reduced response to ConTego SL applications.

Do not water or overhead irrigate treated plants for at least 6 hours following application of ConTego SL to ensure adequate drying and product absorption. Do not apply when rainfall is imminent.

**Compatibility with Other Agricultural Products**

ConTego SL can be tank mixed with DiPel®, BioBit® and XenTari® biological insecticides. Compatibility and performance data for ConTego SL with other agricultural products is not available.

Do not tank mix ConTego SL with compounds containing aluminum, copper or iron ions. Do not tank mix ConTego SL with any product unless compatibility had been verified. It considering tank mixing ConTego SL with other products use the following compatibility jar test before mixing a

Add water from the same water source to a clear glass or plastic jar. Add the products in correct proportions. Mix thoroughly and let stand for a minimum of 15 minutes. Separation, settling, precipitation or generation of heat are all signs of incompatibility.

Even if a mix passes the jar test for compatibility, it is imperative to test it on a designated small number of plants to evaluate for phytotoxicity and effectiveness.

Always read and follow all label directions and precautions of each product. When using combinations of products the most restrictive of label limitations and precautions must be followed. Do not mix with any product that has a prohibition against tank mixing. For further information consult your Valent agricultural specialist at 1-800-6-VALENT (682-5368).

**Applying ConTego SL**

Greenhouse and covered area applications: Apply up to 1 fl oz (29 ml) of ConTego SL per gallon up to 750 ppm S-ABA as a foliar spray or through sprinkler irrigation (chemigation) in 2-10 quarts of spray mixture per 100 square feet. This application can be made up to 12 hours prior to shipping of the transplants when slowing of plant growth is desired. Increasing the volume of spray mixture will increase efficiency. Applications may start after the plant has reached the transplant stage and progressively increases the amount of ConTego SL can be used to reduce the growth between internodes of the plant. Multiple (up to three) applications may be used during the greenhouse growing period to obtain the desired plant height. If multiple applications are done to transplants for controlling growth, the total amount of S-ABA may not exceed that from a single maximum label rate (750 ppm) application of ConTego SL.

Brassica vegetables such as cabbage, broccoli, grown for transplanting

Greenhouse and covered area applications: Apply up to 1 fl oz (29 ml) of ConTego SL per gallon up to 750 ppm S-ABA as a foliar spray or through sprinkler irrigation (chemigation) in 2-10 quarts of spray mixture per 100 square feet. This application can be made up to 24 hours prior to shipping of the transplants when slowing of the plant growth is desired. Increasing the volume of spray mixture will increase efficiency.

Fruiting vegetables such as tomato, pepper

Greenhouse and covered area applications: Apply up to 2.5 fl oz (76 ml) of ConTego SL up to 2000 ppm S-ABA per gallon as a foliar spray or through sprinkler irrigation (chemigation) in 2-10 quarts of spray mixture per 100 square feet. This application can be made up to 24 hours prior to shipping of the transplants when slowing of plant growth is desired. Increasing the volume of spray mixture will increase efficiency.
Leaves and herbs such as celery, spinach, lettuce, beet greens, tassel, basil

Brassica vegetables such as cabbage (Field grown crops after transplanting or after seeding and emergence)

Field applications: Apply 100-200 g of S-ABA (34-68 fl oz ConTego SL) per acre as a spray solution in a sufficient volume to achieve uniform and complete coverage of the plants. In most cases, 100-150 g S-ABA (34-51 fl oz ConTego SL) per acre will provide satisfactory results. In situations where greater effect is desired, use the higher S-ABA rate. Spray volumes ranging from 25-50 gallons per acre have been shown to be most effective when applied under slow drying conditions. Multiple (up to 3) applications may be used to obtain the desired stress tolerance or plant height. If multiple applications are made, the total amount of S-ABA may not exceed that from a single maximum label rate application of ConTego SL.

Make first application to young plants in the field within four days (96 hours) after transplanting. Apply to field seeded crops after emergence. Repeat as needed for four days to four days (96 hours) prior to stress events such as chilling.

fruit trees such as tomato, pepper

Field applications: Apply 200-400 g of S-ABA (68-139 fl oz ConTego SL) per acre as a spray solution in a sufficient volume to achieve uniform and complete coverage of the plants. In most cases, 200-300 g S-ABA (68-102 fl oz ConTego SL) per acre will provide satisfactory results. In situations where greater effect is desired, use the higher S-ABA rate. Spray volumes ranging from 25-50 gallons per acre have been shown to be most effective when applied under slow drying conditions. Multiple (up to 3) applications may be used to obtain the desired stress tolerance or plant height. If multiple applications are made, the total amount of S-ABA may not exceed that from a single maximum label rate application of ConTego SL.

Make first application to young plants in the field within four days (96 hours) after transplanting. Apply to field seeded crops after emergence. Repeat as needed for four days to four days (96 hours) prior to stress events such as chilling.

For reducing “transplant shock,” increasing stress tolerance, and enhancing crop establishment

CROP APPLICATION INSTRUCTIONS

Cucurbit vegetables such as melon, grown for transplanting

Greenhouse and covered area applications: Apply up to 1.3 fl oz (38 ml) of ConTego SL up to 1000 ppm S-ABA per gallon as a foliar spray or through sprinkler irrigation (chemigation) in 2-10 quarts of spray volume per 100 square feet. This application can be made from 24 to 72 hours prior to shipping of the transplants. Increasing the volume of spray mixture will increase efficacy.

Brassica vegetables such as cabbage, broccoli, grown for transplanting

Greenhouse and covered area applications: Apply up to 1.3 fl oz (38 ml) of ConTego SL up to 1000 ppm S-ABA per gallon as a foliar spray or through sprinkler irrigation (chemigation) in 2-10 quarts of spray volume per 100 square feet. This application can be made from 24 to 72 hours prior to shipping of the transplants. Increasing the volume of spray mixture will increase efficacy.

Fruit trees such as tomato, pepper

Greenhouse and covered area applications: Apply up to 2.6 fl oz (76 ml) of ConTego SL (2000 ppm S-ABA) per gallon as a foliar spray or through sprinkler irrigation (chemigation) in 2-10 quarts of spray volume per 100 square feet. This application can be made from 24 to 72 hours prior to shipping of the transplants. Increasing the volume of spray mixture will increase efficacy.

Leafy vegetables and herbs such as celery, spinach, lettuce, beet greens, tassel, basil

Greenhouse and covered area applications: Apply up to 2.6 fl oz (76 ml) of ConTego SL (2000 ppm S-ABA) per gallon as a foliar spray or through sprinkler irrigation (chemigation) in 2-10 quarts of spray volume per 100 square feet. This application can be made from 24 to 72 hours prior to shipping of the transplants. Increasing the volume of spray mixture will increase efficacy.

Leaves and herbs such as celery, spinach, lettuce, beet greens, tassel, basil

IMPORTANT: Foliar spray applications of ConTego SL may cause yellowing of the cotyledons and lower leaves following application.

Note: Application of ConTego SL will reduce growth rate of young plants.