5.875" 5.8125" 5.8125" 5.78125" 5.78125"

4.5"

29.0625"

FIRST AID

If in Eyes	• Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also call toll-free 1-800-892-0099 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 866-476-7800.

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.

User Safety Recommendations

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For terrestrial uses, 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.

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 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 4 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.
- 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. ConShape SL is a growth regulator that contains S-Abscisic acid (S-ABA). S-ABA is a phytohormone found naturally in plants. Undesired effects can result from deviations from the label directions in the rates, timings, water volumes, or the adoption of untested spray mixtures when applying ConShape SL.

FACTORS AFFECTING RESPONSE TO CONSHAPE SL

In addition to proper application technique, environmental and cultural factors will affect the plants' response to treatment with ConShape SL.

Temperature and humidity are important factors in plant's response to ConShape SL. Higher temperatures and lower humidity will cause applications to dry more quickly than low temperatures and high humidity and may reduce product performance.

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

Rainfall within 6 hours after application will reduce product activity.

Do not apply ConShape SL to plants under stress (e.g., heat, water, disease or insect stress). Injured or stressed trees may show an undesirable response to ConShape SL applications.

Determining Optimal Rates: Optimal ConShape SL rates will vary according to the desired reduction in growth response, growing conditions, cultural practices, application technique, and environmental conditions. Different species may respond differently to ConShape SL. Therefore, to determine response levels and/or phytotoxicity potential, treat a small number of plants (using application rates specified in Table 1 and Table 2) before applying ConShape SL to a large number of plants. DO NOT exceed the maximum stated rate.

COMPATIBILITY WITH OTHER AGRICULTURAL PRODUCTS

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

Do not tank mix ConShape SL with compounds containing aluminum, copper or iron ions. Do not tank mix ConShape SL with any product unless compatibility has been verified. If considering tank mixing

ConShape SL with other products use the following **compatibility jar test** before mixing a whole tank:

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, gelling, 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 trees 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 local Mycorrhizal Applications Representative (866-476-7800) for specific information regarding the use of this product.

APPLICATIONS, RATES, AND TIMINGS

1. For Reducing the Growth of the Terminal Leader in Conifers (Christmas Trees and Other Conifers)

CROP	OBJECTIVE/BENEFIT	APPLICATION INSTRUCTIONS
Conifers (*Pinaceae* family) **Trees and Shrubs** Not for use in California	Reducing the growth of the terminal or auxiliary leader.	For Christmas trees, use when the terminal leader has reached a length of 8 to 12 inches (20- 30 cm) on 4- to 12-year-old trees. For non-Christmas tree *Pinaceae* conifers, use when terminal or auxiliary leaders have almost reached desired length. Apply 11.2-44.8 fl oz (100-400 ml per liter) ConShape SL per gallon of water. Refer to Table 1 for mixing directions. The application should be done with a roller ("Easy Roller") or a similar device, or using a directed spray to the leader. The roller is placed near the base of the leader and moved up in a single continuous upward motion only. Uniform application should be ensured to provide complete coverage of the leader and to prevent runoff of the solution.

Application Instructions:

- The optimum usage rate of ConShape SL varies depending on the species, 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 ConShape 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 law.
- Different species may require a higher or lower rate of ConShape SL to achieve the desired reduction in growth response.
- Apply ConShape SL only to the leader using calibrated commercial application equipment in a sufficient volume of water to ensure uniform, thorough, but not excessive coverage.
- Application of ConShape SL without surfactant provides sufficient efficacy for leader control. A nonionic surfactant suitable for use on conifers will likely increase ConShape SL product uptake, efficacy, and potential for negative effects. When determining the application rate of ConShape SL, consider that the use of surfactants will increase the absorption of S-ABA and thus the activity of the product.

Table 1: ConShape SL Dilution Table for Use on Conifers

PPM S-ABA Desired	Amount to Make One Liter of Solution		Amount to Make One Gallon of Solution	
	Product (ml)	Water (ml)	Product (fl oz)	Water (fl oz)
10,000	100	900	11.2	116.8
20,000	200	800	22.4	105.6
30,000	300	700	33.6	94.4
40,000	400	600	44.8	83.2

2.For Stress Mitigation (e.g., Drought, Chilling) in Ornamental Flowering and Potted Plants

CROP	OBJECTIVE/BENEFIT	APPLICATION INSTRUCTIONS
Ornamental Flowering and Potted Plants: Chrysanthemums, Impatiens, New Guinea Impatiens, Petunia and Poinsettia Not for Use in California	For reduction of stress from lack of water and delay of wilting in production and post-production of ornamental plants.	Apply up to 1,000 ppm S-ABA as a single foliar spray to fully hydrated plants at 2-3 quarts of final use solution per 100 square feet of bench space. In most cases, 250-500 ppm S-ABA provides sufficient efficacy for stress mitigation under drought conditions control. Ensure adequate coverage of the plant. Increasing the volume of spray mixture will increase efficacy.

Application Instructions:

- Best results will be achieved from applications during the cooler parts of the day, avoiding the hottest period of the day. To maximize absorption and optimize product effectiveness, apply ConShape SL under slow drying conditions, e.g., early in the morning or in the evening (cool to warm temperatures, medium to high relative humidity, and no wind). Avoid application over heavy dew as excessive runoff may occur.
- Do not apply ConShape SL to plants under stress (e.g., heat, water, disease, and insect). Injured or stressed plants will show a reduced response to ConShape SL or may show phytotoxicity.
- S-ABA reduces transpirational water loss and thus regulates water use under drought stress conditions by causing the closure of stomata. Do not apply ConShape SL to plants that are or known to be exposed to excessive heat (95-100°F or above). Under these conditions reduced transpiration may lead to overheating of the plant and cause phytotoxicity.
- Product performs best at water pH 5 to 7; do not exceed pH 8.5.
- For further information consult your Mycorrhizal Application Horticultural Specialist.
- Although extensive testing has been conducted with ConShape SL, not all varieties of ornamental plants have been evaluated under all potential environmental conditions. It is highly recommended that a small number of plants be tested for undesirable effects of ConShape SL before treating a large number of plants.
- First-time users of ConShape SL should always conduct trials on a limited number of plants to determine crop response.
- A nonionic surfactant suitable for use on ornamental plants will likely increase ConShape SL product uptake, efficacy, and potential for negative effects. The use of surfactants will increase the absorption of S-ABA and thus the activity of the product. For instance, for optimal response, use ConShape SL with Capsil at 6 ounces per 100 gallons.
- Do not overhead irrigate treated plants for at least 6 hours following application of ConShape SL.
- Leaf yellowing, reddening, chlorosis, flower senescence or flower drop may occur at high application rates for some cultivars in genus Chrysanthemum, Impatiens and Petunia. High rates of ConShape SL may cause changes in flower petal colors in Petunia.

3. For Reducing "Transplant Shock" and Enhancing Plant Establishment

CROP	OBJECTIVE/BENEFIT	APPLICATION INSTRUCTIONS
Annual and Perennial Ornamental Plants Not for Use in California	For Reducing "Transplant Shock" and Enhancing Plant Establishment	Apply up to 1.3 fl oz (38 ml) of ConShape SL (up to 1,000 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.

Application Instructions:

- Best results will be achieved from applications during the cooler parts of the day, avoiding the hottest period of the day. To maximize absorption and optimize product effectiveness, apply ConShape SL under slow-drying conditions, e.g., early in the morning or in the evening (cool to warm temperatures, medium to high relative humidity, and no wind). Avoid application over heavy dew as excessive runoff may occur.
- Do not apply ConShape SL to plants under stress (e.g., heat, water, disease, and insect). Injured or stressed plants will show a reduced response to ConShape SL or may show phytotoxicity.
- S-ABA reduces transpirational water loss and thus regulates water use under drought stress conditions by causing the closure of stomata. Do not apply ConShape SL to plants that are or known to be exposed to excessive heat (95-100°F or above). Under these conditions reduced transpiration may lead to overheating of the plant and cause phytotoxicity.
- Do not overhead irrigate treated plants for at least 6 hours following application of ConShape SL.
- Leaf yellowing, reddening, chlorosis, flower senescence or flower drop may occur at high application rates for some cultivars in genus Chrysanthemum, Impatiens and Petunia. High rates of ConShape SL may cause changes in flower petal colors in Petunia.
- Although extensive testing has been conducted with ConShape SL, not all varieties of ornamental plants have been evaluated under all potential environmental conditions. It is highly recommended that a small number of plants be tested for undesirable effects of ConShape SL before treating large number of plants.
- First-time users of ConShape SL should always conduct trials on a limited number of plants to determine crop response.
- A nonionic surfactant suitable for use on ornamental plants will likely increase ConShape SL product uptake, efficacy, and potential for negative effects. The use of surfactants will increase the absorption of S-ABA and thus the activity of the product. For instance, for optimal response, use ConShape SL with Capsil at 6 ounces per 100 gallons.
- Product performs best at water pH 5 to 7; do not exceed pH 8.5.
- For further information consult your Mycorrhizal Application Horticultural Specialist.

Valent BioSciences
Valent U.S.A. Corporation
R R Donnelley
LOT NO.
AS50723-S4-02
COMMODITY NO.
AS0411063/01
LABEL EDITION
Vijayaragaen
DATE
03-29-24
VARIABLE INFO AREA
Right Tab Base
COLOR SEPARATIONS
BLACK

5.78125" 5.78125" 5.8125" 5.8125" 5.875"

4.5"

29.0625"

4.For Defoliation of Ornamental Nursery Stock

CROP	OBJECTIVE/BENEFIT	APPLICATION INSTRUCTIONS
Perennial Ornamental Nursery Stock Not for Use in California	Acceleration of leaf drop before dormancy.	Apply 250-1,000 ppm S-ABA as a single foliar spray or in combination with other defoliating chemicals in late fall before the onset of dormancy when defoliation is required. Generally, one application is sufficient for defoliation of ornamental nursery stock. If a second application is required to obtain additional leaf abscission, allow 7-14 days to observe the effect of the first application. Use sufficient spray volume (50-200 gal/A) to ensure complete plant coverage.

Application Instructions:

- ConShape SL has been shown to improve the effectiveness of other defoliating agents when applied in a tank mix. Avoid application over heavy dew as excessive runoff may occur.
- Apply product in a sufficient amount of water to ensure thorough coverage without excessive runoff. Use calibrated spray equipment to ensure uniform coverage of leaves. Adjust water volumes based on plant size and spacing. Hydraulic sprayers equipped with drop nozzles are recommended for use in nursery defoliation.
- Addition of nonionic surfactants can improve efficacy of defoliation.
- Frost event(s) following applications of ConShape SL will increase the level of defoliation.
- Product performs best at water pH 5 to 7; do not exceed pH 8.5.
- For further information consult your Mycorrhizal Application Horticultural Specialist.
- Do not apply ConShape SL if rainfall is forecasted in 6 hours following product application.

5. Removal of Undesired Fruit from Perennial Trees Used for Ornamental Purposes

CROP	OBJECTIVE/BENEFIT	APPLICATION INSTRUCTIONS
Perennial Trees Used for Ornamental Purposes (e.g., flowering pear, flowering apple) Not for Use in California	Removal of undesired (nuisance) fruit from tree due to aesthetic reasons, smell, and/or to increase return bloom.	Apply 100-500 ppm S-ABA as a foliar spray where the presence of fruit is undesired after flowering. Apply ConShape SL when fruitlets are young and small, normally not later than 3 weeks after flowering. Generally, one application is sufficient to remove undesired fruit. If a second application is required to obtain additional fruit removal, allow 7-10 days to observe the effect of the first application. Use sufficient spray volume to ensure complete tree coverage.

Application Instructions:

- Apply ConShape SL in the morning or evening when conditions are best for slow drying (cooler temperatures and higher humidity), in order to ensure adequate absorption of the product. Avoid application over heavy dew as excessive runoff may occur.
- Exercise caution when applying product in urban public areas.
- Air temperature during application should not exceed 85°F.
- Product performs best at water pH 5 to 7; do not exceed pH 8.5.
- Apply in a sufficient amount of water to ensure thorough coverage without runoff.
- Temperatures and weather conditions during application and the following 2-3 days can affect product performance.
- For best results, apply when the weather forecast calls for either or both of the following conditions: 2-3 consecutive days of significant cloud cover; and/or 2-3 consecutive days of daytime high temperatures of at least mid-70s °F.
- Use of a nonionic surfactant at the manufacturer recommended rate can enhance product performance and may increase phytotoxicity.
- ConShape SL has been shown to be highly synergistic with other thinning agents. Use caution if tank mixing with any other thinning products as over-thinning may result.
- Use of ConShape SL may result in leaf yellowing and/or leaf drop.
- For further information consult your Mycorrhizal Application Horticultural Specialist.

Table 2: ConShape SL Dilution Table for Use on Ornamental Flowering and Potted Plants, Ornamental Nursery Stock, and Perennial Trees Used for Ornamental Purposes

PPM S-ABA Desired	Fluid Ounces Per Gallon	Fluid Ounces Per 10 Gallons	Milliliters Per Gallon	Milliliters Per 10 Gallons
100	0.16	1.6	4.8	48
250	0.3	3.3	9.5	95
500	0.7	6.5	19.0	190
1,000	1.3	13.0	38.0	380

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage
Keep container tightly closed when not in use. Store product in a cool and dry place. Avoid extended storage conditions at temperatures above 25°C (77°F). Avoid exposure of product to light or sunlight.

Pesticide Disposal
To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Disposal
Non-refillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after flow begins to drip. Fill container 1/4 full of water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or puncture and dispose of the container in a sanitary landfill, or by other procedures approved by state and local authorities.

WARRANTY AND DISCLAIMER STATEMENT

To the fullest extent permitted by law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

ConShape® SL

PLANT GROWTH REGULATOR

SOLUBLE LIQUID

FOR USE ON CHRISTMAS TREES, ORNAMENTAL FLOWERING AND POTTED PLANTS, ORNAMENTAL NURSERY STOCK, AND PERENNIAL TREES USED FOR ORNAMENTAL PURPOSES

Active Ingredient	
S-Abscisic Acid	10.0% w/w
Other Ingredients	90.0% w/w
Total	100.0% w/w

ConShape® SL contains 0.35 oz (10 g) of S-Abscisic Acid per 3.38 fl oz (100 ml) of product.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See inside booklet for First Aid Information

Registrant:
VALENT BIOSCIENCES
Valent BioSciences LLC
1910 Innovation Way, Suite 100
Libertyville, IL 60048 U.S.A.
1-800-323-9597

Net Weight: 32 fl oz (1 Quart)

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

List No. A505723-04-02
A50411063/R1

Valent BioSciences (Approved by)
R R Donnelley (TPP No.)
A505723-04-02 (Commodity No.)
A50411063/R1 (Label Editor)
Vijayaragavan (Date)
03-29-24 (Manage Safe Area)
Right Tab Base
COLOR SEPARATIONS
PANTONE 644
PANTONE 376
PANTONE 7725
BLACK

7.5"

4.5"

OPEN HERE

ConShape® SL

PLANT GROWTH REGULATOR

SOLUBLE LIQUID

FOR USE ON CHRISTMAS TREES, ORNAMENTAL FLOWERING AND POTTED PLANTS, ORNAMENTAL NURSERY STOCK, AND PERENNIAL TREES USED FOR ORNAMENTAL PURPOSES

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Valent BioSciences LLC
1910 Innovation Way, Suite 100
Libertyville, IL 60048 U.S.A.
1-800-323-9597

Net Weight:
32 fl oz (1 Quart)

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

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A50411063/R1

Lot No.

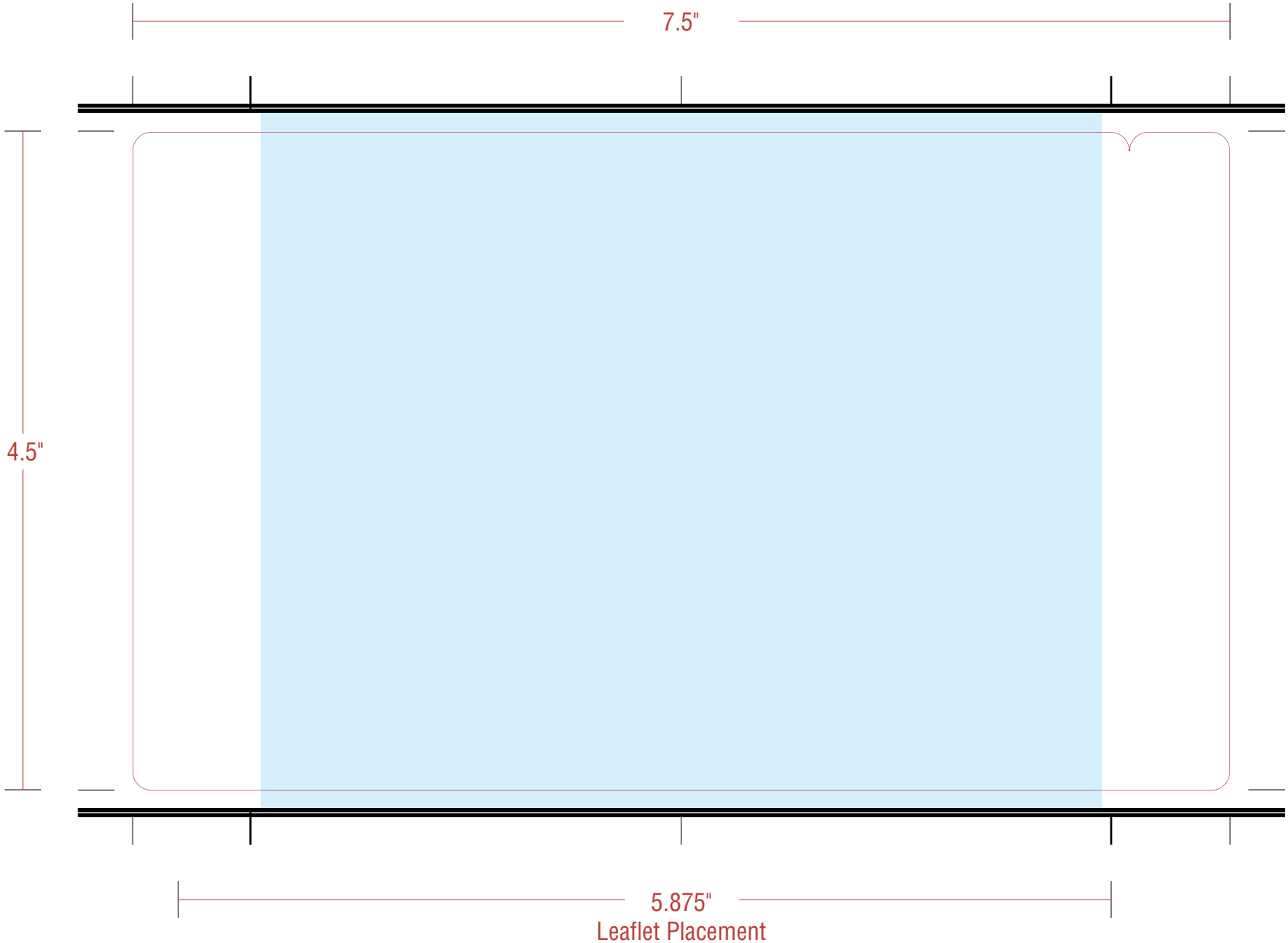
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Vijayaragavan
DATE
03-29-24
VARIABLE INFO AREA
Right Tab Base

COLOR SEPARATIONS
PANTONE 348
PANTONE 424
PANTONE 7725
BLACK
VARNISH

5.875"
Leaflet Placement



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