Coastal AgroBusiness, Inc.

Product Label



Sun Protectant/Anti-Transpirant

Active Ingredients:

Proprietary blend of long-chain fatty alcohols

and long-chain fatty alcohol ethoxylates 10%

Inert Ingredients 90%

Contains Non-Plant Food Ingredients

All ingredients are exempt from tolerance as specified in 40 CFR 180.1001(c).

WARNING

KEEP OUT OF REACH OF CHILDREN

Read the entire label for additional precautionary statements.

Manufactured By:
Coastal AgroBusiness, Inc.
Greenville, North Carolina

GENERAL INFORMATION

SCREEN IT is a unique proprietary blend of long - chain fatty alcohols and their ethoxylates that coat plant and lead surfaces to reflect heat energy, thereby reducing transpiration rates. **SCREEN IT** also has unique UV absorption properties that aid in the prevention of sun scald of leaves, tissues, and fruit. **SCREEN IT** lowers canopy temperatures to reduce heat and water stress, and when used, many crops have shown improved fruit color, less russeting, sunburn, and cracking, resulting in improved crop quality. **SCREEN IT** does not affect normal gaseous exchange of plant tissue.

PRECAUTIONARY STATEMENTS / HAZARDS TO HUMANS

WARNING. **KEEP OUT OF REACH OF CHILDREN.** Causes eye irritation. Avoid contact with eyes, skin, or clothing. Harmful if swallowed. Avoid ingestion, breathing of vapors or spray mist. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Before using this product, read all precautions, directions for use, conditions of sale - limited warranty, and limitations of liability and remedies. Always read and follow product labeling. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. Always read and follow the crop protection manufacturer's label(s).

FIRST AID

If swallowed: Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person. If the victim is conscious and able to swallow, quickly give water to dilute. Seek medical attention.

If in eyes: Flush eyes with copious amounts of clean water for at least 15 minutes. Remove contacts if present, and easy to do. Do not let the victim rub their eye. Get medical attention.

If on skin: Remove contaminated clothing and wash skin with soap and water. If irritation develops, get medical attention.

If inhaled: Remove the person from the area of exposure and treat symptomatically. If person is not breathing, call 911, then give artificial respiration. If breathing is difficult, give oxygen if a qualified operator is available. Seek medical attention.

Note: If contact is made with spray solution containing crop protection products, follow the "Statement of Practical Treatment" on the label.

STORAGE AND DISPOSAL

Store in a cool, dry place. Avoid freezing. Do not store near heat or open flame. Store in original container only. Keep the container tightly closed and do not allow water to be introduced into the contents of this container. If damaged or leaking, soak up with absorbent material and place in suitable container for disposal. Transfer remaining product to suitable container for storage and label. Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water by runoff from equipment wash waters or spray materials. To avoid waste, use all material in this

container by application according to label instructions. Wastes resulting from this product may be disposed of on - site or at an approved waste disposal facility.

Container disposal: Do not reuse or refill empty container. Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

AGRICULTURAL USE REQUIREMENTS AND USER SAFETY RECOMMENDATIONS

When used in conjunction with crop protection products, consult the crop protection manufacturer's label for worker protection recommendations. Use of waterproof gloves and protective eyewear is recommended when handling this product. Clothing to prevent prolonged skin contact, such as long - sleeved shirts, long pants, and shoes and socks, is recommended.

DIRECTIONS FOR USE

Read and understand the use directions prior to using this product.

SCREEN IT reduces canopy temperatures and transpiration to reduce heat and water stress in crops. **SCREEN IT** should be applied prior to anticipated heat events for protection without affecting normal gaseous exchange of plants. Maintain coverage throughout periods of high heat.

For sunburn/sun scald protection, apply **SCREEN IT** to burn or scald-prone fruit, leaves, or limb and bark surfaces before conditions conducive to sunburn occur. When initiating sprays for sunburn or sunscald protection where there have been no previous sprays, begin sprays after early fruit formation and provide thorough coverage to all fruit or other surfaces with one or two full-rate applications one week apart. Depending upon the length of high heat period, additional applications may be necessary at 7 to 21-day intervals.

GENERAL USE RATE

The general use rate of **SCREEN IT** is 1 Gallon per 100 gallons of spray solution or 1% v/v. This is a dilution ratio of 1:100. Depending on application and other factors described in this label, the rate range can vary between 64 fluid ounces and 160 fluid ounces per 100 gallons of spray solution.

Rate per acre is dependent upon the density of blossoms, fruit, and foliage that needs to be covered. Two to four applications during the growing season are usually sufficient to protect most crops. First spray should be applied during bloom or early fruit set. Additional applications may be required under conditions of persistent high temperature, increased UV exposure, rain events, overhead irrigation, or other circumstances that might deteriorate the coverage of the crop to be protected.

Apply to achieve full coverage. Do not apply to runoff. Dwarf, semi-dwarf, and otherwise well - pruned trees and bushes will be easier to cover than large trees or bushes. Applications can be made to tree and bush crops with commercial air-blast or high-pressure sprayers that provide enough turbulence to coat both sides of blossoms, leaves, and fruit. Best coverage is typically achieved at a tractor speed between 3 and 5 mph or less when using air-blast sprayers.

Air-blast, high-pressure hand guns, or boom sprayers provide adequate coverage. Do not apply in windy or gusty conditions. Calibrate spray equipment to deliver the required volume. DO NOT APPLY BY CHEMIGATION OR THROUGH OVERHEAD IRRIGATION.

Aerial application: **SCREEN IT** may be applied by air if sufficient coverage can be achieved. When making aerial applications, take all precautions to minimize or eliminate drift. DO NOT spray under windy or gusty conditions. Make applications no more than 10 feet above the crop canopy unless required for aircraft safety. Aerial application should only be used when ground application is not available.

MIXING AND COMPATIBILITY

This product is compatible with most crop protection products and fertilizers. However, a test for compatibility is recommended prior to large - scale mixing. Always mix well to ensure proper distribution during application.

Fill spray tank to approximately half capacity. Begin agitation and add required amount of **SCREEN IT**, followed by the remainder of the water needed to complete filling.

SCREEN IT does not leave detectable residue on harvest fruit, nuts, or vegetables, and does not require any steps for removal.

CROPS

Tree fruit, including pome and stone fruit such as apple, crab apple, loquat, pear, quince, apricot, sweet or tart cherry, nectarine, plum, peach, plumcot, and prune:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For typical semi - dwarf trees in full foliage, 75 - 150 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 0.9% v/v (64 - 115 fluid ounces per 100 gallons spray solution). **SCREEN IT** should be applied several days prior to predicted solar stress events. In pome fruit, the initial application should be made prior to fruit reaching ¾ inch diameter and the onset of rapid fruit expansion. Reapply every 7 - 14 days or as conditions require.

Citrus Fruit, including grapefruit, lemon, lime, kumquat, mandarin, oranges, pummelo, Satsuma mandarin, and tangelos:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For typical 12-foot trees, 100 - 200 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.9% - 1.25% v/v (115 - 160 fluid ounces per 100 gallons spray solution). **SCREEN IT** should be applied several days prior to predicted solar stress events. Initial application should be made when fruits are first developing and about 1 inch in diameter. Reapply every 14 - 21 days or as conditions require.

Nut Crops, including almond, beech nut, Brazil nut, butternut, cashew, chestnut, filbert, hickory nut, macadamia nut, pecan, walnut, and pistachio:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most nut trees, 100 - 200 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a

rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons spray solution). **SCREEN IT** should be applied several days prior to predicted solar stress events. Initial application should be made at full bloom. Reapply every 7 - 14 days or as conditions require.

Small Fruit, including blackberry, blueberry, boysenberry, cranberry, elderberry, and loganberry:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most small fruit crops, 50 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 0.9% v/v (64 - 115 fluid ounces per 100 gallons). **SCREEN IT** should be applied at bloom and prior to sensitive periods. Reapply every 7 - 14 days or as conditions require.

Grapes, including raisins, table grapes, and wine:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most grape crops, 50 - 100 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 0.9% v/v (64 - 115 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Apply when grapes are pea - sized (approximately 0.25 inch or 6mm). Make a second application at veraison. If needed, a third application can be made 7 - 14 days later. To avoid short berry formation, **DO NOT** apply **SCREEN IT** during bloom.

Fruiting vegetables, including tomato, pepper, and eggplant:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most fruiting vegetable crops, 30 - 50 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied at fruit set with subsequent applications every 7 - 14 days.

Bulb vegetables, including garlic, leek, onion, and shallot:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most bulb vegetable crops, 30 - 50 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Reapply every 7 - 14 days or as conditions require.

Potatoes, including russet, red, white, fingerling, and petite:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most potato crops, 20 - 40 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Reapply every 7 - 14 days or as conditions require.

Sweet Potatoes:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For sweet potato crops, 20 - 40 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Reapply every 7 - 14 days or as conditions require.

Cucurbit vegetables, including cucumber, summer and winter squash, pumpkin, muskmelon, and watermelon:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most cucurbit vegetable crops, 30 - 50 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied at or shortly after bloom, with subsequent applications every 7 - 14 days during periods of predicted solar stress.

Brassica and leaf vegetables, including broccoli, brussels sprouts, Chinese cabbages, cauliflower, cabbage, mustard greens, kale, kohlrabi, arugula, celery, lettuces, parsley, and spinach:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most brassica and leafy vegetable crops, 30 - 50 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Reapply every 7 - 14 days or as conditions require.

Other miscellaneous vegetable crops, including asparagus and strawberries:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most vegetable crops, 30 - 50 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Application to strawberries should begin during or shortly after initial bloom. Reapply every 7 - 14 days or as conditions require.

Cereal grains, including wheat, rice, oats, and barley:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For most cereal grains, 20 - 50 gallons per acre total spray is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Reapplication should be made at or near the flag-leaf stage with an optional second application 14 days later.

Corn, including field corn, popcorn, sweet corn, and seed corn:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For ground applications, 20 - 40 gallons total spray per acre is recommended. For aerial applications, 5 - 15 gallons per acre total spray is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Reapplication should be made at tassel stage with an optional second application 14 days later.

Tobacco:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For ground applications, 20 - 50 gallons total spray per acre is recommended. Dilute **SCREEN IT** in water at

a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events. Reapply every 14 - 28 days as conditions require.

Other Row Crops, including cotton, soybeans, and peanuts:

Apply for full coverage. Do not apply to runoff to avoid waste and poor coverage. For ground applications, 20 - 40 gallons total spray per acre is recommended. For aerial applications, 5 - 15 gallons per acre total spray is recommended. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). **SCREEN IT** should be applied several days prior to predicted solar stress events.

For cotton and soybeans, begin applications at or just after bloom. Reapply every 14 - 28 days.

For peanuts, begin applications 60 to 90 days after planting. Reapply every 14 - 28 days as conditions require. May be incorporated into the fungicide spray program.

Turf:

Apply **SCREEN IT** to turfgrass to reduce heat stress in 2 gallons of water per 1000 sq. ft. Dilute **SCREEN IT** in water at a rate of 0.5% to 1.0% v/v (64 - 128 fluid ounces per 100 gallons). Make initial application prior to period of high temperatures and reapply at 7 - 14 - day intervals as long as the high stress period lasts.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions contained on this label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to damage to plants, crops, and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.