

**KEEP OUT OF REACH OF CHILDREN - READ SAFETY DIRECTIONS BEFORE OPENING OR USING**



**NET  
CONTENTS  
20KG**

**Fortified Heat Stress Protection For Plants**

Contains: 97.4% processed, refined and enhanced aluminum silicate in the form of a wettable powder

**Screen Duo forms a reflective barrier film that protects plants against heat, cold, light & water stress**

Tree Crops	Rate	Comments
Pome and Stone Fruits, Nut crops, Olives, Grape Vines, small fruits including Berries.	<u>Season Long (Preferred)</u>  Apply initial application with 1.25 kg/100 l water beginning at petal fall (cap fall), followed by 0.63kg every 7-14 or 1.25kg every 14-21 days.  If heavy rainfall occurs, re-apply Screen Duo to refresh film.  <u>Late Season Program</u>	FOR ALL CROPS, BEFORE USING THIS PRODUCT REFER TO THE POST HARVEST WASHING AND CLEANING DIRECTIONS IN THE SCREEN DUO USER GUIDE  Make applications 14 days apart beginning at petal fall (cap fall) and prior to the first heat event. Apply in a water volume according to Tree Row Volume. Refer to Application Guidelines.  Add a non-ionic surfactant/spreader at the recommended spreader label rate.  Cherries, Stone Fruit – Apply only early season up to 1-2 cm fruit diameter or post-harvest.  For Table Grapes - Apply early season to foliage only, or post-harvest.
Tropical & sub-tropical crops such as Avocado, Banana, Mango, Guava, Papaya, Paw Paw		
Nursery & Ornamental plants		
Citrus	1. Initial application 2.5 kg/100 L  2*. Subsequent applications at 7-14 day intervals at 1.25 kgs/100 L	Citrus – due to the excellent ability of Screen Duo to stick to citrus leaves and foliage the application rate of subsequent applications is 0.65 kgs/100 L at 14 to 21 day intervals.  Do not apply Screen Duo to the underside of unfolded leaves during growth flushes.
Field Crops	Rate	Comments
Vegetable crops including: Peppers, Tomatoes, Potatoes, Onions, Cucurbits such as Cucumber, Squash, Pumpkin, Melon and Watermelon.	<u>Season Long (Preferred)</u>  6.25 kg/ha beginning just prior to flowering. Re-apply at 14 - 21 day intervals.  <u>Late Season - Sunburn/Heat Management</u> Initial application 25kg/ha  Subsequent applications 12.5kg/ha at 14-21 day intervals	Apply the first two applications 14 days apart and prior to the first heat event. Application interval should be reduced if crop growth is rapid, and there are large amounts of uncovered foliage. Increase the volume of water used throughout the season based upon plant size. Reapply at 7 to 14 day intervals as required to maintain an even coverage on the fruit and foliage. Continue treatment as required and maintain cover up to 7 days prior to harvest.  For transplant shock reduction, apply at 12.5 kg/ha to plants in trays. Begin subsequent applications after post-transplant watering and continue as described above.  Cucurbits – apply to smooth-skinned cucurbits only. Refer to Post-harvest Packing and Washing instructions in the user guide.  Ensure that fruit is well covered for greatest sunburn reduction.  Reduces transplant shock and heat stress. DO NOT TREAT TRANSPLANTS BY DIPPING
Vegetable Seedlings		
Pineapple		
Cotton, Peanuts	<u>Season Long</u>  6.25 kg/ha beginning just prior to flowering. Re-apply at 10-14 day intervals	Apply in a water volume of approximately 1000 to 1250 L/ha using a calibrated boom fitted with fan nozzles. Applications near harvest are needed if the ripening fruit changes position as its weight increases. Reapply at 7-14 day intervals as required due to growth dilution or rainfall/irrigation.  Heavy rainfall, new growth and wind erosion will affect film quality. Reapply to re-establish coverage after heavy rain as soon as the foliage is dry. If the entire cover is lost due to rain, re-commence applications at the initial high rate, followed by subsequent applications at the lower rate.  For fresh market pineapple, use high pressure forced water sprays to remove any remaining residue.

**PRECAUTIONARY STATEMENTS:** Causes slight eye irritation. Avoid contact with eyes. May cause irritation to the respiratory system. Avoid breathing dust or mist.  
**PERSONAL PROTECTIVE EQUIPMENT:** Applicators and other handlers should wear dust/mist-filtering respirator. Nuisance dust masks and goggles are recommended for harvesters especially when plants are shaken during harvest.  
**FIRST AID:** If in eyes, hold eyes open and flood gently with water. For further information refer to the Safety Data Sheet (SDS).  
**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage and disposal. Store in a dry, sheltered location. Product is slippery when wet. In case of a spill or leak, avoid breathing dust, clean up and dispose of wastes in compliance with applicable local regulations.  
**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Dispose of empty bag according to local regulations.

For a complete label booklet and application instructions visit: [www.cropstress.com](http://www.cropstress.com)

Manufactured by:  
Crop Microclimate Management Inc.  
PO Box 178  
Apex, North Carolina, 27502 USA

