

STEM SHOT™ AVOCADO

A proprietary blend of nutrients for application to *Phytophthora spp.* compromised Avocado trees

NET CONTENTS **10 Litres**

READ LABEL CAREFULLY BEFORE USING STEMSHOT AV-2

STEMSHOT AV-2 IS ONLY TO BE APPLIED TO AVOCADOS USING THE STEMGUN AND IN ACCORDANCE TO THE RECOMMENDATIONS LISTED BELOW.

Access by children must be prevented. Use in accordance with Directions for Use.

DIRECTIONS FOR USE:

HARMFUL:

This substance may cause mild irritation to the skin. Avoid skin contact. May cause irritation to eyes. Avoid contact with eyes.

PRECAUTIONS:

Store in the original container, tightly closed and away from foodstuffs. When mixing or applying, wear eye protection, waterproof gloves, boots and cotton overalls. Avoid contact with skin, eyes and inhalation of spray mist. Wash hands and face before meals and after work. Do not eat, drink or smoke while using. Triple rinse empty container and add residue to spray tank. Crush and bury empty container in suitable landfill. Avoid contamination of any water supply with chemical or empty container.

FIRST AID:

If swallowed DO NOT induce vomiting. For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor immediately. If skin contact occurs, remove contaminated clothing and flush skin with running water. If splashed in eyes, wash out immediately with water.

COMPATIBILITY: The product is ready to use and should not be mixed with other materials. (Shake well before use)

WITHHOLDING PERIODS:

Avocados – Nil

DIRECTIONS FOR USE ON AVOCADOS. (TRUNK INJECTION):

PRECAUTIONS:

- To reduce the risk of burning new growth **do not** prune trees before injection.
- Do not** inject trees during flowering or when trees are in soft spring flush.
- Do not** cut back the canopy of injected trees.

APPLICATION GUIDELINES FOR THE STEMEX™ STEMGUN™ INJECTION SYSTEM

1. **Time of application.** The first injection should be made in August or September to give the root flush protection and improve the quality of the spring growth flush. The second injection should be applied between mid January and mid February. For maintenance purposes apply a single injection in August or September. StemShot AV-2 is to be used as a nutrient treatment for healthy trees and as a follow up treatment to StemShot AV-1. StemShot AV-2 will not leave any residues in the fruit or plant tissues.

2. **Determining the volume to be applied.** Measure the canopy diameter of the individual tree (drip line to drip line). Inject trees using concentrated STEMSHOT AV-2 using the volume indicated in the table below which is based on a volume in ml per metre of canopy diameter.

Canopy diameter of tree in metres	2	3	4	5	6	7	8	9	10	11	12	13	14
Skeletal trees: Injection volume in ml per tree	40	60	80	100	120	140	160	180	200	220	240	260	280
Normal use: Injection volume in ml per tree	20	30	40	50	60	70	80	90	100	110	120	130	140

3. **Injection hole preparation:** a) **Tree diameter up to 750mm:** Drill a single hole using a 10mm (3/8") auger style drill bit up to 500mm in length. The hole should be drilled through the centre of the trunk just above ground level. The hole should be drilled almost completely through the stem to within 50mm of the opposite surface. b) **Tree diameter > 750mm:** Drill a second hole if necessary in the same way as for a) 300mm above the first hole at right angles (90 degrees) to the original hole. In this situation, half of the total tree volume requirement should be injected in each hole. (inject the first hole and insert a stopper plug before drilling the second hole in order to prevent the injected material from exiting through the first hole).

4. **The STEMEX™ STEMGUN™ injection system:** This system forces concentrated STEMSHOT AV-2 into the tree trunk under high pressure (up to 2000 psi). It is not dependent on the transpiration pull of the leaves to take the product into the trunk reducing the likelihood of leaf scorching and twig dieback. The STEMEX™ method of injection is very rapid (3-4 minutes/tree), enabling up to 120 trees to be treated per day.

5. **The STEMGUN™ injection process. (Use concentrated STEMSHOT AV-2 only).** A fitting attached to the STEMGUN™ is screwed into the hole drilled in the tree trunk. Undiluted product from the STEMSHOT AV-2 container is drawn into the STEMGUN™ by pulling back the plunger. This allows 50mls (or a lesser volume if required) to be drawn into the STEMGUN™ barrel. Using slow deliberate strokes of the STEMGUN™ handle product is pumped into the trunk at a rate of 3 mls per stroke.

6. **After injection:** When the required amount of STEMSHOT AV-2 has been injected, the fitting is unscrewed from the tree and a 10mm STEMEX™ plastic plug inserted in the hole to seal it off from insect colonization. Because the injected product "disperses" with each pumping stroke, there is no build up of pressure or "run out" effect when the injector fitting is removed. Holes heal rapidly but the same hole can be reused for subsequent injections when required.

STEMEX™ and STEMGUN™ are the trademarks of Omnia Primaxa Ltd, t/a Omnia, PO Box 201041 Auckland Airport, Manukau 2150.

CONDITIONS OF SALE: The use of STEMSHOT AV-2 being beyond the control of the suppliers, no warranty expressed or implied is given by Omnia regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not, and Omnia accept no responsibility whatsoever resulting from the use of this product, except where the Omnia Performance Guarantee applies.

SHELF LIFE: When stored appropriately this product should show no significant degradation for two years from the date of manufacture. Contact your supplier for further information about the use of any product that is older than this.



100mm deep

YOUR PROOF

job#: 140552
name: 03 StemShot AV-2 10L
client: Primaxa
date: 20/07/2006

This proof is **NOT** a true representation of the final colours that will be printed

OK to proceed
 Further proof required
sign: _____
date: _____

NO responsibility will be taken for errors not noted on this signed proof. PLEASE EXAMINE THIS PROOF VERY CAREFULLY AND RETURN SIGNED PROOF TO US FOR JOB TO PROCEED

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AV-2

OPERATING INSTRUCTIONS



1. Place container on its side with this panel facing up.



2. Remove the bung carefully to avoid any product loss.



3. Attach StemGun® delivery tube using the threaded adaptor and ensure a tight seal.



4. After use, replace the bung and dispose of the container in accordance with local conditions. Flush the StemGun® in accordance with the StemGun® instructions.

Freephone 0800 774 629

www.omnia.nef.nz

Manufactured by Omnia PO Box 201041

Auckland Airport, Manukau 2150.



BATCH NO
DOM

100mm deep

□ Dieline

■ PMS 369

■ PMS 383

■ Reflex Blue

■ Black

■ Pms 485

■ PMS 356

440mm wide

440mm wide