

### CHEMICAL LOADING INSTRUCTIONS:

\* Tree Logic recommends the use of the Smart-Shot™ Draw-Off injector loader for easiest and safest loading of the tree injector.

\*\* Always refer to the chemical label for correct dosage rates for the tree species and pest problem that you are treating.

1. Remove the injector from the plastic pack and check that the injector plunger is moving freely by pulling back on the plunger several times.
2. Ensure the injector has the appropriate length nozzle attached, that best suits the size and type of tree being injected. To change the nozzle, simply hold the injector firmly while unscrewing the nozzle nut. Slide off the nut and pull out the nozzle. Replace with the appropriate length nozzle; attach and tighten the nozzle nut.
3. To load the injector with the Smart-Shot draw-off simply place the injector nozzle into the top of the Draw-off and seat firmly. Pump the plunger several times to expel any trapped air and to load the injector with the chemical.

#### Smart-Shot™ Draw-Off Injector Loader

4. Ensure that the injector is locked into the correct dosage notch prior to removal from the draw-off injector loader.
5. If not using the recommended draw-off, draw the chemical into injector by pulling the plunger to the required dosage and lock plunger into the required dosage notch.





# Smart-Shot™

## Refillable Tree Injector

### TREE INJECTION INSTRUCTIONS:

1. Read the instructions of the chemical you are using prior to application or injection. No responsibility will be taken by the manufacturer of this equipment if it is used contrary to these instructions or if the chemical is misused for other than which it is intended.

space

2. Load the injector as per the Chemical Loading Instructions.

space

3. Measure the trunk diameter of the tree to be treated and calculate the required dosage using the recommended chemical label and injection site instructions.

4. Drill a hole on a slight downward angle with a sharp high-helix drill bit (7/32") using very light pressure through the outer and inner bark to the sapwood (moist vascular tissue). Do not drill too deep; this will slow the injection uptake process. Injection sites should be low down on the trunk and the root buttress and not above the first limb.

5. Several Smart-Shot™ Injectors may be used at the one time to reduce the overall treatment time. Multiple injection sites should be spaced evenly around the tree to provide uniform uptake.

6. Insert the injector nozzle into pre-drilled hole and seal with firm hand pressure or by light tapping with a rubber mallet.

7. To start the injection process, simply release the plunger by turning the plunger out of the dosage notch.

8. The injection process can take between 5-30 minutes depending upon a range of variables, including trees species, tree age, tree health and climatic conditions (temperature, wind, etc.). Avoid injecting on cold, rainy or overcast days and early mornings as this will significantly slow the injection uptake process.

9. CAUTION; Do not leave the injector/s or tree unattended during treatment. Pesticide applications must always be monitored and attended.

10. When there is no chemical left in the chemical chamber or the process has stopped for some time, carefully remove the injector from the injection hole.

11. The injector can be reloaded again for use immediately.

### CLEANING INSTRUCTIONS:

The injector should be rinsed and washed regularly with clean water. Apply a smear of silicon grease/spray to the plunger seal for best results.

### PERSONAL PROTECTIVE EQUIPMENT:

The use of personal protective equipment such as chemical-resistant gloves, eye protection and long-sleeved shirts is recommended. Please refer to the chemical manufacturer's instructions for requirements.