

# DUPONT VELPAR® 4ml SPOTGUN™



**IMPORTANT: PLEASE READ CAREFULLY:** This instrument has been specifically designed for administration of Velpar® and other chemical formulations may not be compatible with some components. *The manufacturer will accept no responsibility for the consequences should this unit be used to administer any product other than Velpar®.*

## INSTRUCTIONS FOR USE

- 1 Connect the feed tube to the inlet fitting and to the container. Wind the feed tube springs in an anti-clock-wise direction over the feed tube at these points. This will hold the feed tube in position and prevent it kinking.
- 2 **ADJUSTING THE DOSE:** There are three dose settings on the gun, 1ml, 2ml and 4ml. Select the appropriate dose by rotating the dose selection ring in either direction until the required dose (in ml) is showing at the top of the gun.
- 3 **PRIMING THE GUN:** To prime the gun, select the 4ml dose, point the nozzle vertically upwards, and begin priming by squeezing the trigger until liquid appears in the chamber. Then carefully squeeze the trigger once more to expel air from the chamber.



**NOTE:** The gun can only be primed at the 4ml dose setting.



**WARNING:** Care must be taken to ensure the liquid does not come into contact with any part of the operators body. Chemicals may cause injury to the operator.

## CARE AND MAINTENANCE

To ensure continued high performance from this instrument, attention to cleanliness is essential. After each use, flush the instrument and feed tube thoroughly by pumping through a warm detergent mix, followed by clean water.

Remove the feed tube from the instrument and suck a small quantity of NJ Phillips Lubricant into the cylinder by immersing the inlet fitting in the lubricant, and gently pumping the lever.

If at any time the instrument should become sluggish in operation, it is probable cleaning and lubrication should overcome the problem.



**IMPORTANT:** DO NOT store your applicator or feed tube full of product. Clean as per the "Care and Maintenance" instructions.



**IMPORTANT:** If this instrument becomes sluggish during use, lubricate in front and behind the piston with NJ Phillips Lubricant.

**LEGEND:**

1. Needle Protect Tube
2. Nozzle Nut
3. Nozzle
4. Nozzle Seal Ring
5. Delivery Valve Spring
6. Delivery Valve
7. Delivery Cage Lock Nut
8. Delivery Cage
9. Delivery Cage Seal Ring
10. Cylinder
11. Piston Seal ring
12. Lubricating Washer
13. Piston
14. Inlet Valve Spring
15. Inlet Valve
16. Push Rod
17. Handle
18. Dose Adjustor Lock Ring
19. Dose Adjustor Washer Spring
20. Body Plug
21. Dose Adjustor
22. Lever
23. Lever pad (2 per)
24. Return Spring
25. Lever Pin
26. Lever Pin Circlip

**PLEASE ORDER BY KIT AND PART NAME.**

KIT No.	PART NAME	ILLUSTRATION No.
WX337	Service Kit	4, 5, 6, 9, 10, 11, 12, 14, 15, 23.
WX477	Feed Tube Complete	Not Illustrated.
WX482	Dose Adjustor Assembly	18, 19, 20, 21.
WX481	Nozzle Assembly	3, 4.
WX903	Push Rod & Piston Assembly	11, 12, 13, 14, 15, 16.
WX901	Delivery Cage Assembly	2, 7, 8, 9.
WX902	Handle & Lever Assembly	17, 22, 24, 25, 26.
WX185	5 Litre Back Pack Complete	Not Illustrated.

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MADE IN AUSTRALIA EAM602C | QL209-R6



Ph: 1800 780 317

## DUPONT™ VELPAR® L SPOTGUN®



*The miracles of science™*

### SPECIAL FEATURES:

- The Spotgun® is versatile - it can be used for soil application and stem injection.
- DuPont™ Velpar® L herbicide controls a wide range of problem species.
- DuPont™ Velpar® L herbicide is more cost efficient than other available chemicals and techniques - it saves time, labour and chemical costs.
- It gives excellent regrowth and sucker control.
- It is convenient and easy to apply.
- There is no time wasted mixing sprays.
- There are no hassles of carrying spray equipment and dragging hoses around the scrub.
- There is no vapour or spray drift with a Spotgun®.
- Roots degrade quickly for easy removal.
- It can be conveniently carried around the farm.

### WHAT SPECIES CAN THE DUPONT VELPAR® L SPOTGUN® CONTROL?

DuPont™ Velpar® L herbicide is one of the most effective chemicals ever developed for controlling unwanted scrub and timber regrowth.

The benefits of using a Spotgun® include ease of use, cost efficiency and effectiveness on a wide range of timber, scrub and woody weeds that reduce the carrying capacity of your property.

### WHAT DOES THE DUPONT VELPAR® L SPOTGUN® SET UP CONSIST OF?

The Spotgun® systems consists of:

- A very light 5 litre backpack which holds the DuPont Velpar® L herbicide liquid.
- The unique handgun which is used for soil application and stem injection.

A Spotgun® has a specially designed nozzle that is ideal for spot application onto the soil, and for stem injection.

The calibration dial has only three settings and can be quickly and easily set at the required dose.

DuPont™ Velpar® L herbicide is available in a 10 litre drum, to make filling the backpack easier.

**THAT'S IT!** There's no other equipment necessary - no knapsack sprayers, no tractors, no spray rigs, no water tanks and trucks to carry them. **IT'S EASY!**

### WHY DUPONT VELPAR® L SPOTGUN® IS SO EASY TO USE?

Instead of being mixed with diesel or water, DuPont™ Velpar® L herbicide is applied undiluted through the Spotgun®. Fill the backpack and you're ready to go.

There's no mixing, no heavy hoses to drag around, no hefty knapsack on your back and virtually no effort. You can forget about time wasted setting up equipment and mixing sprays. It's a go-anywhere system and you can use it anytime.

**SPOTGUN® MAINTENANCE** - It is essential that you clean the Spotgun® out after each use. The easiest way is to put warm water in the backpack and pump it through the Spotgun®. Be careful that the waste water does not drain onto any desirable plants. To make the Spotgun® easier to use, it is desirable but to pump Castor Oil through it before commencing applications.

### SOIL APPLICATION:

The Spotgun® delivers a metered dose of DuPont Velpar® L herbicide which is directed onto the soil, not the trunk, at the base of the plant and within the dripline. From here it is moved into the soil by rainfall where it is taken up by the roots and then moves to the leaves.

The rate of application and the number of spots depends on the height of the plant to be controlled, and the species. The grid application pattern should be used where suckers are forming a dense ground cover. If there is leaf litter underneath the plant, clear a small area then apply the DuPont Velpar® L herbicide. See DuPont™ Velpar® L herbicide label for full details.

### STEM INJECTION:

The stem injection technique offers a more economical method of controlling larger regrowth than the soil application technique.

Make axe cuts, with a narrow bladed axe (5 - 7 cm wide) into the sapwood, just under the bark at waist height. Do



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not cut into the hardwood. Inject the metered dose of DuPont Velpar® L while the axe is still in the cut, and within 5 seconds of making axe cuts. Chemical uptake is dependent on good sap flow. The number of cuts will depend on the circumference of the tree. See DuPont Velpar® L label herbicide for full details.

For multi-stemmed trees, treat each stem as an individual tree.

Stem injection, like all Spotgun® methods, gives sure control.

#### WHEN SHOULD THE DIFFERENT DUPONT VELPAR® L SPOTGUN® TECHNIQUES BE USED?

DuPont™ Velpar® L Spotgun® soil technique should be used:

- For seedlings up to the stage when stem injection is practical.
- For regrowth resulting from other control measures.
- For multi-stem shrub type growth.
- Where selectivity is not required.

The "SPEAR ATTACHMENT" should be used on sloping ground and when heavy leaf litter is beneath the plant. Place on high side of the bush, about 2 cm into the soil.

The DuPont Velpar® L Spotgun® stem injection technique is used for larger regrowth timber, when selectivity is important this technique is more economical than soil applications in this situation.

#### IMPORTANT POINTS TO NOTE:

- DuPont™ Velpar® L Spotgun® may be used all year round but since rainfall is required to move it into the soil and to promote active plant growth, quickest results are obtained when it is applied to moist soil and rainfall follows soon after application.
- DuPont™ Velpar® L can remain on the soil surface during extended periods of dry weather, and when rain comes there is little loss of control.

- DO NOT APPLY, OR FLUSH, OR CLEAN EQUIPMENT NEAR DESIRABLE VEGETATION as DuPont™ Velpar® L may affect them. As a general rule, you should not apply DuPont Velpar® L closer than within twice the height of trees and vegetation you do not wish to control.

#### THE DUPONT VELPAR® L SPOTGUN® CAN BE SLOW BUT SURE:

Once in the soil, DuPont™ Velpar® L is taken up by the roots and translocated within the plant. It work by inhibiting the photosynthesis process, starving the plant to death. This is a slow process.

The plant may not appear affected for a while (particularly under dry conditions) and may defoliate and refoleiate several times before it completely dies.

Complete control normally occurs within 12 months, however, under adverse conditions it sometimes takes longer.

#### MAN, ANIMALS AND WILDLIFE:

DuPont™ Velpar® L does not present an environmental hazard when used in accordance with label directions.

#### DUPONT VELPAR® L:

- Does not irritate the skin
- May irritate and damage eyes - take care to avoid contact with the eyes

YOU MAY GRAZE TREATED PADDOCKS. THERE IS NO NEED TO REMOVE LIVESTOCK WHEN USING THE DUPONT VELPAR® L SPOTGUN®.

Naturally, as with any chemical, the necessary safety precautions should be followed and label recommendations adhered to.

**IMPORTANT: ALWAYS READ AND FOLLOW LABEL DIRECTIONS.**

#### FURTHER INFORMATION:

For more information, contact your local DuPont Representative or call the DuPont Agricultural Products Information Hotline on

**1800 257 169**

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