

WEED SPECIES**HANDGUN****KNAPSACK****MISTBLOWER****AERIAL OR
GROUND BOOM**

Rate/100L

Rate/ 10L

Rate/ 10L

Rate/Ha

Privet

35g

5g

10g

n/a

Apply when actively growing, Spring or Autumn.

Ragwort/Thistles

2.5/5g

1g

n/a

n/a

Apply to ragwort from rosette stage to late flowering (best results at rosette stage). Spray into the centre of the plant. For multicrown plants, use the higher rate. **CAUTION:** Treated ragwort can become more palatable. Remove stock until the plants die.

Sweet Briar

35g

5g

10g

170g

Apply November to April. Ensure complete coverage.

Tauhinu

n/a

n/a

n/a

300g

Apply when actively growing. Addition of a penetrant is recommended. Larger bushes may be less well controlled.

Tutu

25g

5g

10g

n/a

Apply when actively growing.

Wild Ginger

25g

5g

10g

n/a

Apply from Spring to late Autumn.

Willows

35g

5g

10g

n/a

Apply November to April. Ensure complete coverage of trees.

CONVERSION OF WEIGHT (g) TO VOLUME (ml):

Accuracy in measuring MSF 600 is essential to achieving cost-effective results. While weighing the product using calibrated scales is preferable, reasonable accuracy can be obtained measuring MSF 600 by volume, using the scoop and measuring cylinder provided, according to the following table:

5g	: 7ml	25g	: 35ml
10g	: 14ml	30g	: 43ml
15g	: 22ml	35g	: 50ml
20g	: 28ml	50g	: 72ml

A strategy to minimise spray drift should be employed at all times when applying spray within 50m of aquatic environments or neighbouring property.

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MSF 600 Herbicide

DIRECTIONS – READ BEFORE USE

Resistant Weeds Warning

MSF 600 is a member of the sulfonylurea group of herbicides. Some naturally occurring weed biotypes resistant to sulfonylurea herbicides may exist. These resistant weeds will not be controlled by MSF 600 or other sulfonylurea herbicides and may become dominant in that field. Cultural practices such as tillage, preventing weed escapes from going to seed and using herbicides with different modes of action within and between seasons can aid in delaying the proliferation and possible dominance of resistant weed biotypes.

DIRECTIONS FOR USE**Mixing Instructions**

1. Using the scoop and measuring cylinder provided, measure the correct amount of MSF 600 and mix well into a part-filled spray tank. Top up to the required volume of water. Ensure continuous agitation during mixing and spraying.
2. Add an organo-silicone penetrant at 100ml per 100 litres of total spray where indicated for the species being sprayed (see DETAILED USE DIRECTIONS section).

Application

Handgun: Ensure foliage is fully saturated to run-off stage. Ensure full coverage of stems and into bushes.

Knapsack: Use only on small bushes where complete coverage of all foliage and stems can be achieved.

Mistblower: Ensure full coverage and penetration into bushes is achieved. Use the largest setting on ULV attachments.

Aerial Application: Apply two overlapping passes each of at least 100-150 litres per hectare (i.e. a total of 200-300 litres per hectare).

Full spray coverage must be achieved to avoid significant re-growth.

DO NOT USE AERIAL APPLICATION ON AGRICULTURAL AREAS DUE TO THE RISK OF SPRAY DRIFT.

Withholding Period

Keep dairy cows out of treated areas for at least three days after spraying. Keep other stock out for one day.

Re-establishing Pasture

MSF 600 damages clover and ryegrass, and soil residues of the product can prevent early re-establishment of those species in pasture. Allow three months after application before oversowing treated areas with clover and ryegrass. To check for possible residues, seed a small trial area 1-2 months prior to oversowing. Where quick pasture cover is required, use less susceptible species such as browntop or cocksfoot.

Marker Dyes

MSF 600 is compatible with commonly used spray marker dyes. Use tank mixtures containing acetic acid type marker dyes within 24 hours.

Spray Equipment

Use only application equipment made of stainless steel, plastic, fibreglass, aluminium, brass or copper components.

Equipment Cleanup

Avoid subsequent damage to crops by cleaning equipment immediately after use as follows. Flush all equipment with clean water for at least 10 minutes. Then rinse well twice with 1L of chlorine bleach (containing 3% sodium hypochlorite) per 100L of rinse water, followed by a further thorough rinse with plain water.

Storage

Store in closed original container out of direct sunlight, away from foodstuffs, and in a cool dry place.

Conditions of Sale

MSF 600 is warranted by Rainbow & Brown Limited to conform to the chemical description and concentration specified on the label, and to be reasonably fit for the purposes stated in the directions if used in accordance with the directions. The user bears all risks of damage or failure resulting from factors beyond the control of Rainbow & Brown. Rainbow & Brown declines all liability for any damages resulting from the improper use of this product.

DETAILED USE DIRECTIONS

WEED SPECIES	HANDGUN	KNAPSACK	MISTBLOWER	AERIAL OR GROUND BOOM
	Rate/100L	Rate/ 10L	Rate/ 10L	Rate/Ha
Barberry	35g	5g	10g	n/a
Apply from November to May. Best results are achieved by treating single bushes under 3 metres.				
Blackberry	20-35g	5g	10g	200-300g
Apply November to June. Best results January to May, and before leaf discolouration. Use the higher rate in Northland and East Coast areas of the North Island. Ground application is preferred. Use organosilicone penetrant at 100ml/100L.				
Bracken	35g	5g	10g	170g
Apply January to June when fronds are unfurled, but before frost browning. Best results are obtained by burning bracken and spraying the frond re-growth. Use organosilicone penetrant at 1.5L/Ha for aerial application.				

WEED SPECIES	HANDGUN	KNAPSACK	MISTBLOWER	AERIAL OR GROUND BOOM
	Rate/100L	Rate/ 10L	Rate/ 10L	Rate/Ha
Broadleaf Weeds	5g	1g	2g	50g
Apply when weeds are actively growing in drains, roadsides and waste areas.				
Broom	35g	5g	10g	n/a
Apply November to May to actively growing plants. Use organosilicone penetrant at 100ml/100Lt.				
Fennel	5g	1g	2g	50g
Apply when plants are actively growing.				
Gorse	20g	5g	10g/20g	500g
Apply at any time of the year. Use organosilicone penetrant at 100ml/100Lt (2L/Ha for aerial application). For ULV mistblower application, use the higher rate. For seedling gorse by aerial/ground boom use 170g/Ha.				
Hawthorn	35g	5g	10g	n/a
Apply November to March. Best results are achieved by treating single bushes under 3 metres.				
Horehound	n/a	n/a	n/a	75g
Apply when actively growing in waste areas or sheep camps where pasture damage is acceptable.				
Inkweed	25g	5g	10g	50g
Apply when weeds are actively growing.				
Manuka	30g	5g	10g	300g
Ensure complete coverage of tall growing bushes. Use organosilicone penetrant at 2L/Ha for aerial application.				
Matagouri	25g	5g	10g	170g
Apply December to April when bushes are actively growing. Use organosilicone penetrant at 1L/Ha for aerial application.				
Old Mans Beard	35g	5g	n/a	170g
Apply November to May. Add organosilicone penetrant at 100ml/100Lt				