

# Blokes and Their Tools

by Paul Martin, Director, Rainbow & Brown



This is a picture of my tool bag. It's a thing very precious and personal to me, as every bloke will understand.

But this story is not really for the blokes: it goes without saying as far as they're concerned. It's for the information of my lady readers, who until now have probably been deeply bewildered and possibly hurt by the defensive attitude men have regarding their pliers, their screwdrivers, and so forth.

Well ladies, I'm going to spill the beans. Think of me as the WikiLeaks of the handtool world. And if I have to hole up in the Ecuadorean embassy after this, to avoid sanction by hordes of outraged blokes, it's a small price to pay for some overdue disclosure.

First thing you should know is that tools should never be a *set*. That is, not all the same brand, or even the same colour. Having a matching set of tools suggests that they were probably received as a gift, or won in a golf tournament. And that's just not the way it's done. Tools have to be *collected*, over many years. Countless trips to Bunnings - much comparing, evaluating, and thoughtful pruning - are necessary before a proper kit of tools is assembled. So that's one secret I'm now revealing for the first time: a good set of tools isn't an actual set.

The second disclosure is that nobody but the owner can ever replace an item in exactly the proper way. Every tool has its place in the bag, based on complex criteria like frequency of use, its handle size and colour, its tip configuration, its aesthetic and philosophical relationship with its neighbours in the bag or box, and more. In a future column I may cover advanced segregation considerations like SAE, Whitworth and Metric, but for now I'll just assure you it matters. It all matters.

Third, each tool may properly be used *only* for its intended purpose. There is no hammering of tacks with multigrips, no wire stripping with a screwdriver, and no using a wood chisel to gouge out bent nails. We don't go there, ever.

So now you know why your 'borrowing' a tool brings a cool reception from even the most even-tempered bloke: you won't use the correct tool



for the job, and you won't put it back properly. No, don't lie to me ... you know what you've done in the past, and your bloke knows too. Those ugly little nicks in the lovingly honed blade of his 3/8th wood chisel bear damning testament to your evil deeds. Sorry.

Now we turn to Parkinson's First Law of Tools, which states that a collection of tools must expand to fill the space available for its containment. This means that every position in the toolbag or toolbox must be occupied. And *that* means that close perusal of the latest Bunnings catalogue is a biological imperative. It's just a natural result of the mixing of testosterone with ratchet socket wrenches, which causes an irresistible urge to reach for the Visa card. We can't be blamed. You see that, surely?

We try, of course. We see our bag bulging, we can't get the lid of the toolbox closed, and we say to ourselves, "Tomorrow I'll get rid of all the crap in there that I never use." Sometimes we even go so far as to unpack the lot, and lay it all out for examination and possible disposal. But we are assailed with fears that sooner or later we will indeed need that 19/32" ring spanner, or that pair of left-handed sheet metal shears. And we gently wipe everything over with an oily rag, and pack it all back again.

Then we check the Bunnings catalogue for a bigger bag or toolbox. Because that's Parkinson's Second Law of Tools: it's the space available that's the problem, not the tools.

## IN THIS ISSUE:

- **NEW! AIRWET LF:**  
Low Foam Wetter for Aerial Spraying
- **'SHOOAWAY':**  
An Effective Fly Repellent Device
- **WEED FILES:**  
3 new titles
- **FULL PRODUCT LIST:**  
Sizes & Prices

# Cobber

**BACK IN STOCK**

After a delay waiting for new raw materials we're pleased to say that Cobber herbicide is back in stock.

It's a liquid concentrate containing 300g/L clopyralid, and is a great product for controlling hard-to-kill and multi-crown thistles in pasture. You can mix it with 2,4-D or MCPA where thistles have developed resistance to those herbicides. And it's excellent when used for brushweed control around trees.

Only hitch is that you need an Approved Handler certificate to apply Cobber in any situation. This is a sore point with us because the product itself is not notably hazardous. The EPA (used to be ERMA) imposed this Approved Handler requirement because clopyralid-treated grass clippings from parks, for example, will interfere with composting and green recycling. We pointed out, in a written submission, that the person who mows the grass is very often not the person who originally sprayed it. So their solution didn't actually address the problem they were trying to fix. But EPA is a government agency, so of course there was no reply. "We're here to help you!" Yeah, right.



# Glyphosate Prices?

**NO CHANGE FOR NOW**

Last issue we had to increase prices of Glyphosate 360 liquid and Granny granules. This was due to recent sharp rises in the cost of the active ingredient, with world-wide effects.

This is not the usual springtime twitch in glyphosate active prices due to excessive seasonal demand at that time. This time it's different. The situation is still uncertain, but it seems very probable that prices will not ease at all, and will more likely increase further.

There's a lot of factors in play, including environmental compliance, export subsidies, commercial chicanery, government interference, and something to do with rich fat white men with big cigars. The usual suspects.

But our feeling is that glyphosate prices are headed back to where they were 10 years ago. Something like \$200 for 20L of regular 360. We'll see soon enough, but for now, we're holding prices.

More information (and possibly a price change) next issue!



# AirWet LF

# NEW

***A new low foam wetter-penetrant for aerial spraying.***

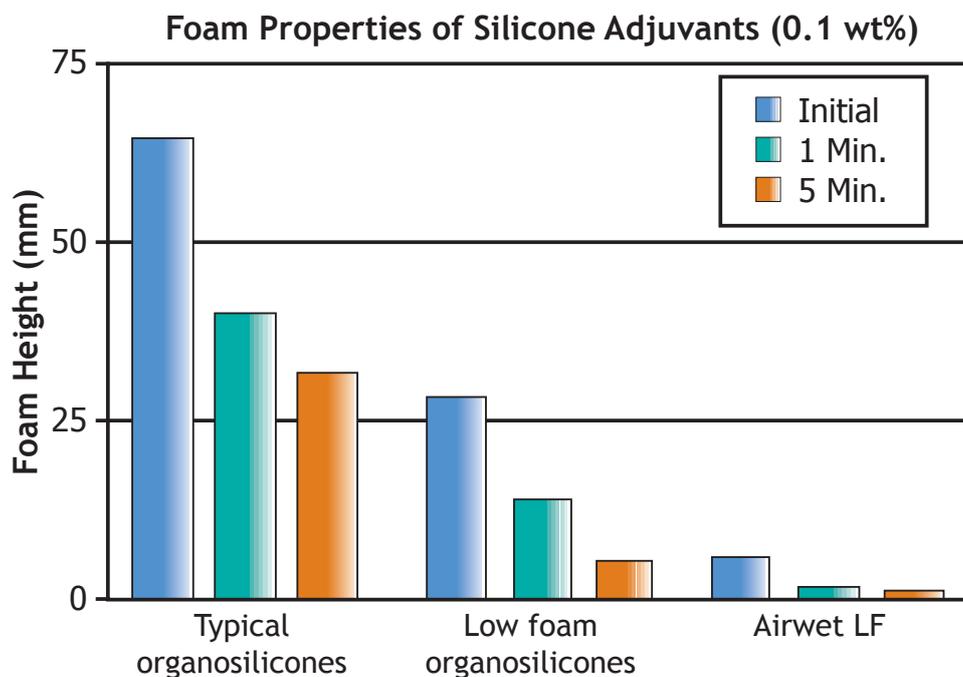
AirWet LF is an organosilicone surfactant, ideal for adding to the spray tank when controlling hard and woody targets like gorse and other brushweeds, where maximum penetration is essential for best results.

It helps the herbicide solution to penetrate, and boosts translocation within the plant. It maximizes herbicide performance when the target plants are stressed or dusty. And it reduces the rain risk period, generally to under an hour.

So it does exactly what any other premium organosilicone wetter/penetrant does, but with one big advantage: it's formulated to produce less foam.

This is a big factor for aerial operators in particular. They use a higher concentration of wetter/penetrant than ground spreaders. That is, more wetter per 100L of water. So it's more at risk of excessive foaming in the tank.

Many aerial operators have to add a separate defoamer to control foaming in their tanks. But AirWet LF is designed to avoid that. It provides premium level performance but with less foam.

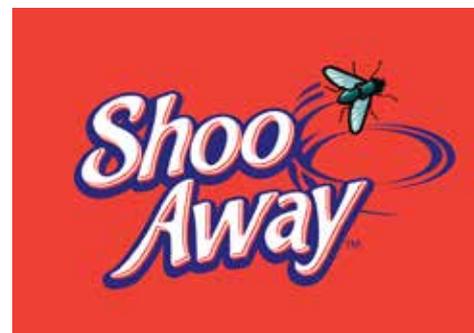


AirWet LF is available in your choice of 20L jerrycans, or a 20L carton comprising 4 x 5L packs. Also available in 1000L IBC palletized tanks.

- **20L jerrycan or carton : \$414 incl GST and delivery**
- **Call us for a quote on large qtls and on the IBC tanks.**

# ShooAway

An effective fly repellent device!



If you visited our stand at Fieldays, you'd have seen a strange little gadget getting lots of attention.

This is it: ShooAway is a battery-operated device that keeps flies away from your food when dining al fresco, picnicking or barbecuing. It's also great indoors or outdoors when preparing and serving food.

And here's the thing: it really works! There are over 50,000 happy customers in Australia, where the flies normally set a very high standard indeed.

It's an Aussie-designed item that meets all Australian and NZ food standards; it's chemical free and harmless to touch. Uses 2 x AA batteries for 30 hours of operation.

**Repel dots**  
At the end of each of the Shooaways gently rotating blades are patented holographic discs. This unique innovation is the key to keeping irritating flies away.

**Chemical free**  
Unlike so many other methods of controlling flies, the Shooaway does not use any harmful chemicals, so is safe for use around food, drink, children and pets.

**Soft Stop Blades**  
The Shooaway's soft flexible blades are rotated by an energy efficient motor that comes to a soft stop if something blocks the blades, such as your food or hand.

**The hassle free way of Keeping Flies away using chemical-free technology**

**ShooAway**  
**IT REALLY WORKS!!!**

You can get a ShooAway, or two, or more, via Rainbow & Brown, using your normal account with us. Here's the pricing incl GST and delivery:

- **\$29.95** ea, if ordered separately
- **\$24.95** ea, if ordered with Rainbow & Brown products (because you're saving the shipping cost)



# WEED FILE LIBRARY

*There are now over 60 weeds covered in our library of Weed Files, including three new ones in this newsletter!*

You can read them, and download them for free, on our website at [www.rainbowbrown.co.nz](http://www.rainbowbrown.co.nz)

Just click on the "Weed Files" tab at the top of any page on the website. They're downloadable as full-colour PDFs.

Here's the current list:

agapanthus	dandelion	kikuyu	Scotch thistle
alligator weed	docks.	mallows	shepherds purse
barberry	fathen	manuka	spurrey
Bathurst bur	fennel	musky storksbill	stinking mayweed
bindweed.	foxglove	nettle	storksbill
black nightshade	gorse	nodding thistle	sweet briar
blackberry	hairy buttercup	old mans beard	tauhinu
bracken	hawkbit	Onehunga weed	thornapple
broom	hawksbeard	oxeye daisy	tutsan
buttercup	hedge mustard	pampas	wandering jew
Californian thistle	hemlock	parsley dropwort	wattle
cape weed	Himalayan honeysuckle	pennyroyal	wild carrot
catsear	horned oxalis	periwinkle	wild ginger
chickweed	hydrocotyle	privet	willow weed
creeping yellow cress	inkweed	ragwort	woolly mullein
daisy	ivy	redroot	woolly nightshade

So take a look. The Weed Files include identification photos and descriptions, as well as detailed control recommendations. And if you have any suggestions that aren't on the list yet, let us know and we'll get right onto it.

## Special Package Deal:

# *The Gorse Enforcer*

*Save on Spring Gorse control with this special Combo Pack.*

You get a pack sufficient for aerial spraying of four hectares at the full 'mature gorse' rate of 500g MSF + 2L SuperWetter per hectare (and you'll still have 2L of SuperWetter left over for other spraying jobs).

- **2kg of MSF600 herbicide**
- **2 x 5L of SuperWetter organosilicone**

... all for just \$395 incl GST & delivery.

***That's under \$100 per hectare, for herbicide AND penetrant!***

No limit per customer. Call Rainbow & Brown now to order your 'Gorse Enforcer' special for Spring.



## WEED FILE:

# ALLIGATOR WEED



### DESCRIPTION

Alligator Weed : *Alternanthera philoxeroides*

Alligator weed is a perennial aquatic plant that chokes waterways and also invades adjacent land, including crops and pasture.

Originally from Brazil, it arrived in NZ in the late 19th century in ballast water from visiting ships. It's abundant in Northland, Auckland and lower Waikato regions, with some other occurrences in greater Waikato and the Bay of Plenty. It has the potential to spread further south, and is subject to regional environmental controls. The species is also listed as a controlled plant by the Ministry of Primary Industries.

It forms a dense floating mat that blocks waterways, chokes out other aquatic plants, and causes serious silting and flooding problems.

Stock will eat the plant though it is toxic, causing photosensitivity and possibly blindness.

Alligator weed spreads to new sites through stem fragments transported within waterways, and also carried inadvertently by machinery, recreational boats & trailers, and by fishing nets. The plant does not produce seeds in NZ; reproduction occurs solely via dispersed fragments of the parent plant. This process is very aggressive, and new patches of the weed can double in size in just two months.

The leaves are green, elliptical and waxy, up to 10cm long, though they can be much smaller, especially on land sites. They grow at intervals on the stems in opposite pairs. The stem is hollow and thick, green-brown to reddish, branching and creeping (or floating) to a length of 10 metres or more. Flowers are white and appear very similar to those of white clover, though smaller. Flowering occurs Dec to Feb.

The preferred habitat is shallow waterways, dams, lagoons, swamps and estuaries, including fresh to slightly brackish waters. Alligator weed will spread into drains and onto land adjacent to waterways. It also can be an invader of lawns and recreational land sites.



### CONTROL – GENERAL

Check with your regional council. All affected local authorities have strict controls for Alligator weed, and will provide assistance if you locate the plant. Waikato Regional Council states that you must not control the plant yourself at all, but must report it to them for their control action.

### PHYSICAL CONTROL

On land sites you can dig out small patches, ensuring that every fragment of the stems material is transported off the site. And check for regrowth!

### BIOLOGICAL CONTROL

There's a beetle, a moth and grass carp. These are effective at the right time, but you need to consult your local authority on the options. The grass carp will also require a DoC permit (well, you will require one ... not the actual fish).

### HERBICIDE CONTROL

Where permitted by your local authority, control via herbicides can be undertaken. However, spraying over waterways will require resource consent, and also an 'Approved Handler' certified operator and water-safe herbicide. It's far more practical to get the local authority involved and let them deal with it.

Land sites (or temporarily drained ponds and drains) can be controlled as follows:

- **Weed wipe** with 5g **MSF600** + 1ml **SprayWetter** per litre of water.
- **Spray** spring-autumn with 5g **MSF600** + 5ml **SprayWetter** per 10L water, using extreme care where close to waterways.
- **Glyphosate (Granny)** and **GrassMate** are also effective sprays, at the label rates given for general use. Use great care around waterways!

**If you find a new Alligator weed site, the first step is to report it to your local authority. They will explain exactly what your responsibilities are, and theirs. And they will either do the control themselves, or will assist you considerably in the task.**

## WEED FILE:

# CREEPING YELLOW CRESS



### DESCRIPTION

Creeping Yellow Cress : *Rorippa sylvestris*

This is a brassica-type plant originally from temperate regions of Europe and Asia.

It's common throughout New Zealand, and forms dense infestations especially on low-lying pastures and other ground adjacent to rivers.

The plant is a smallish, hairless perennial herb, producing straggling growth up to about 70cm in height. Its creeping rhizomes result in stands of creeping yellow cress that can smother infected pasture land.

The flowers are yellow, 4-6mm in diameter, and grow on thin, erect stems. Each flower has four separated petals. Flowering occurs Dec –Feb. In dense infestations, the flowers form a spectacular if unwelcome display.

The leaves have toothed margins, and are variable in shape. The lower, rosette leaves are deeply divided into up to ten lobes. The upper leaves on the flower stalk are smaller, with fewer lobes.

The stem structure comprises creeping rhizomes, plus the skinny erect flower stems. Roots are spreading, creeping rhizomes that establish new roots at the nodes.

### HABITAT

The most common sites for creeping yellow cress are cultivated ground, gardens and market gardens, damp pasture and riverbeds. Particularly common in the Waikato.

### HERBICIDE CONTROL

Spraying before flowering will give the best results.

- **Decision** herbicide at 50g/Ha plus a suitable spraying oil added at 1L/ha. Use 100 – 300L of water per hectare, with the higher rate for very dense infestations.

This treatment is grass and clover friendly.

A second, follow-up treatment at the same rates will be necessary the next season, because creeping yellow cress is a perennial, and some regrowth is inevitable in the year after first spraying. Further treatments in subsequent years will likely be needed to control seedling growth.

**WEED FILE:**

**PERIWINKLE**



**DESCRIPTION**

Periwinkle : *Vinca major*

Periwinkle is a 'ground cover' style plant, and in NZ originally escaped from gardens. It originates from the Mediterranean region.

The plant is a low, scrambling evergreen perennial. It forms dense mats of vegetation on long-running stems. The ground cover is so dense that it smothers out native plants and prevents regeneration of those species.

Periwinkle is subject to Pest Plant Management Strategies in some regions, which means that you are required to control it and in some cases to report it. Check with your local authority.

The plant can reach to 50cm height. The leaves are dark glossy green, leathery to the touch, and are up to 10cm long by 7cm wide. Leaves grow in opposite pairs on short stalks off the main stems, which can be 2 metres in length.

Flowers are distinctive, with five petals that fuse together near the tubular centre. They're blue-violet in colour, white at the centre, and about 5cm in diameter. Periwinkle generally flowers in summer.

The root system consists of short shallow rhizomes at the nodes of the running stems. This root system allows the plant to spread quickly and aggressively.

Periwinkle is common throughout NZ. It will tolerate full sun or semi-shade, most soil types, salt, wet or drought conditions, heat or cold, and can survive heavy damage or grazing. It most frequently appears in waste areas, roadsides, disturbed bush, streamsides, and in gardens.



**CONTROL – GENERAL**

Periwinkle is very difficult to eradicate once established, and any control method will require patience and repeat control efforts over 2-3 years.

**PHYSICAL CONTROL**

Very small infestation sites can be dug out. All plant material must be removed from the site and disposed of in a refuse transfer station, or burnt. Check for regrowth!

Mowing with a lawnmower on a very low setting can work on suitable sites. Mow 3-4 times a year, and grub out all regrowth after each mowing. This will take 2+ years of attentive work.

On small sites where spraying is not desirable, smothering with weed mat or black plastic can be effective. Cover for 6-12 months, then hand remove any surviving plants.

**HERBICIDE CONTROL**

- **Spray** year-round with 1g *MSF600* + 200ml *Glyphosate 360* (or 90g *Granny*) plus 5ml *SuperWetter* per 10L water, avoiding overspray into the drip line of adjacent desirable plants. Respray 2-3 times a year, for three years.
- **Spray** spring and autumn with 20ml *Glyphosate 360* + 1ml *SuperWetter* per litre of water (or 9g *Granny*/L + 1ml *SuperWetter*). Follow up each treatment on re-sprouting survivors with *Glyphosate* at 30ml/L (or *Granny* at 14g/L) plus the *SuperWetter*. This option allows closer spraying to the dripline of desirable plants. Repeat for 3 years.
- **Weed Wipe** where practical using 500ml *Glyphosate 360* (or 225g *Granny*) + 2ml *SuperWetter* per litre of water. Repeat as regrowth dictates.

**GRANNY** 800g/kg GLYPHOSATE AS THE MONOAMMONIUM SALT

ACVM No 7499

*Non-selective herbicide for spraying out pasture, and general weed control.*

- The stronger, smarter and most economical glyphosate option. 9kg is equal to 20L of G360.
- Water-dispersible granule, easily soluble.
- 4.5kg bag minimizes packaging disposal.
- No residual effect in soil; drill new seed in 2 days.
- Use just 425g/100L water (knapsack 65g/15L) for general spraying; 1.4-2.2kg/Ha for pasture spray-out.
- Add SprayWetter penetrant for best results.

2.25kg ...\$59.80  
4.5kg .....\$82.80  
9kg .....\$138.00

**GLYPHOSATE 360** 360g/L GLYPHOSATE AS THE ISOPROPYLAMINE SALT

ACVM No P5441

*Non-selective herbicide for spraying out pasture, and general weed control.*

- Glyphosate is the world's most popular and trusted herbicide.
- Safe to use, fast acting, non-toxic & economical.
- No residual effect in soil; drill new seed in 2 days.
- Withhold stock 2 days to allow penetration through plant.
- Use 1L/100L (hand) or 3-5L/ha (pasture).
- Add SprayWetter penetrant for best results.

5L.....\$66.70  
10L.....\$92.00  
20L.....\$155.25  
200L...\$1380.00

**MSF600 Gorse & Brush Spray** 600g/kg METSULFURON-METHYL

ACVM No P7027

*For control of gorse and other scrub weeds in pasture, waste areas and forestry.*

- The low-cost, proven choice for big and small jobs.
- Water-dispersible granule, easily soluble.
- Safe to handle, non-toxic to humans and animals.
- Gorse, blackberry, manuka, scrub, bracken, ragwort & thistles.
- For gorse use 20g/100L (hand), 500g/ha (aerial).
- Add SuperWetter penetrant for best results.

200g .....\$33.35  
500g .....\$44.85  
1kg .....\$79.35

**GRASSMATE** 300g/L TRICLOPYR AS THE BUTOXYETHYL ESTER plus 100g/L PICLORAM AS THE AMINE SALT in the form of an emulsifiable concentrate

ACVM No P7417

*For control of brushweeds, broadleaf and erect weeds in pasture.*

- Kills gorse, broom, blackberry, tutus, sweet briar, matagouri & lupins.
- Also controls broadleaf weeds, including ragwort, thistles, fennel, nettle and inkweed at 2L/Ha.
- Add SuperWetter penetrant year-round.
- 10-12L/ha for brush species, and 250-300ml/100L handgun (gorse rate)

2L.....\$98.90  
5L.....\$197.80  
10L.....\$356.50  
20L.....\$598.00  
100L...\$2875.00

**MCPA 750** 750g/L MCPA AS THE DIMETHYLAMINE SALT

ACVM No P8173

*For control of thistles and other broadleaf weeds in pasture and cereals.*

- Highly concentrated water soluble solution.
- Controls thistles of all species, especially in younger growth stages.
- Grass-friendly but higher concentrations damage clover.
- Economical at just 1.5-3.0 L/Ha use rates.
- Use late autumn through to summer.
- Works well with Cobber herbicide against resistant thistles.

5L ..... \$75.90  
10L ..... \$132.25  
20L ..... \$241.50  
200L . \$2277.00

**COBBER** 300g/L CLOPYRALID as the amine salt.

ACVM No P7790

*For control of hard-to-kill and multi-crown thistles in pasture plus certain broadleaf and brush weeds.*

*(Approved Handler certificate required)*

- Kills Californian, nodding, winged and variegated thistles incl large rosette and multicrown plants.
- Mix with 2,4-D or MCPA where thistles resistant to those herbicides exist.
- Also useful in cereal, Brassica and maize crops, plus forestry, orchards and shelter belts..
- Use 1-2L/Ha by boom or 100-200ml/100L spot spraying. Also good for wiper application.

2L.....\$149.50  
5L.....\$276.00  
10L.....\$529.00  
20L.....\$977.50

**GIBBER 900** 900g/kg GIBBERELIC ACID

ACVM No P8002

*Growth promoter to boost pasture production in cool weather feed shortage conditions.*

- High strength powder applied at just 9g/ha dissolved in water. (9g scoop included).
- Rapid increase of dry matter (DM) production during spring and autumn feed shortfalls; increases of 30-60% can be achieved within just 3 weeks.
- Depending on underlying fertility and pasture quality, this increase can be 250kgDM/Ha extra.
- Cost effective at just \$5.77/Ha, simple to apply with any spray gear.

45g .....\$42.55  
270g ....\$198.95

**NEW LOW PRICES**

**BUCKSHOT** 20g/kg PICLORAM GRANULES

ACVM No 7717

*For direct spot application dry granule treatment of broadleaf, erect and brush weeds.*

- Controls ragwort, nodding thistle, gorse, inkweed, broom, docks, hemlock, sweet brier, woolly nightshade, tutsan, blackberry.
- Convenient and safe; apply by hand, by pogo stick applicator, or by applicator bottle.
- Carry Buckshot on the bike, tractor or ute for opportunistic spot weed control.
- Use 2g per plant or 30-55g/sq.m

5kg .....\$74.75  
10kg ....\$138.00  
20kg ....\$224.25

**DECISION** 800g/kg FLUMETSULAM IN A WATER DISPERSIBLE GRANULE

ACVM No P8368

*Control broadleaf weeds in new and established pasture, as well as for lucerne, chicory, clover and maize crops.*

- Clover-friendly control of annual & perennial buttercups in pasture.
- Good for autumn and spring application.
- Also controls chickweed, cleavers, mallow, oxeye, sorrel, spurrey, stinking mayweed, willow weed and many other weeds.
- 30g-65g/Ha depending on species and growth stage. Annual buttercups 50g/Ha, giant buttercups 65g/Ha.

200g ....\$115.00  
500g ....\$276.00

## RANGER 750g/kg THIFENSULFURON-METHYL GRANULES



ACVM No 7668

*For control of docks and buttercups in pasture and cereal crops.*

- Selective herbicide for use in pasture, wheat barley and oats.
- Also controls oxeye daisy.
- Excellent added to Glyphosate when spraying out pasture.
- Apply by air or ground boom, and spot spray.
- Scoop and measuring cylinder included.
- Use at 20g/Ha, so 100g pack will treat 5 hectares.

100g .....\$74.75  
1kg .....\$684.25

## TRICLO 600g/L TRICLOPYR AS THE BUTOXYETHYL ESTER



ACVM No P7189

*For control of brushweeds, broadleaf and erect weeds in pasture.*

- Grass and clover friendly.
- Blackberry, broom, gorse, lupin, tutus, fennel, sweet brier, Old Man's Beard, plus most broadleaf weeds in pasture.
- Apply in warmer months during active growing conditions.
- Add SuperWetter for gorse and all woody species.
- Brush weeds use 10L/ha or up to 300ml/100L by hand.
- Broadleaf weeds in pasture use 2L/ha or 200ml/100L.

2L.....\$95.45  
5L.....\$195.50  
10L.....\$345.00  
20L.....\$569.25

## AIRWET LF 100% ORGANOSILICONE WETTER-PENETRANT



*Low foam formulation optimised for aerial spraying*

- Assists penetration, boosts translocation within the plant
- Reduces rain risk, normally to under an hour
- Much less foaming than typical competitive wetters, with no loss of performance
- Available in 20L jerrycans or 20L cartons (4 x 5L), and 1000L IBC tanks

**NEW**

20L.....\$414.00  
1000L.....Call for quote

## SUPERWETTER 100% ORGANOSILICONE WETTER-PENETRANT



*Boost spray performance on woody & hard-to-kill species*

- Assists penetration, especially into stressed and dusty plants.
- Reduces rain risk period, normally to under an hour.
- Boosts herbicide performance by aiding in translocation.
- Use at 100ml/100L, or 500ml-2L/ha depending on species.

2L.....\$63.25  
5L.....\$138.00  
20L.....\$454.25

## SPRAYWETTER 100% NON-IONIC SURFACTANT WETTER-PENETRANT



*Maximises herbicide performance in all situations*

- Permits faster & more thorough penetration into plant.
- Reduces rain risk period, normally to under an hour.
- Use when herbicide directions do NOT specify a SuperWetter.
- Use at 100ml/100L, or 500ml-2L/ha depending on species.

5L.....\$72.45  
10L.....\$120.75  
20L.....\$224.25

# THE BACK PAGE

## • Rainbow & Brown

Rainbow & Brown Ltd is a privately-owned NZ company. Our factory and office is in Rotorua. We're now in our 13th year of operation, and have been growing strongly every year. We have customers all over New Zealand, including farmers, horticulturalists, spray contractors, nurseries, commercial and private gardeners, and many other businesses. Our products are sold direct, which is why our prices are so attractive ... it is effectively the "wholesale" price, direct from the manufacturer.

## • People

The directors of Rainbow & Brown have been involved in the NZ agricultural chemicals business for over 20 years. They're actively involved in the day-to-day running and building of the business. If you phone us, your most likely contact will be Rachael, our office manager (and the real heart of the company!). If you call in to see us, you'll also meet Clinton, the factory manager.

## • Ordering

You can order anytime by phone, online at [rainbowbrown.co.nz](http://rainbowbrown.co.nz), or by fax, e-mail or by letter. If you call on the freephone number, you may at times get an answering machine. That means we're already on the phone, or doing something else. Or it may be after office hours (see below). Please just leave your name and number, and we'll soon call you back. Or if we've already got all your details, just leave your order (*with your name and phone number*) on the machine.

## • Delivery

We send your order within 24 hours. Delivery will usually take between 1 and 4 days. If it hasn't arrived after that time, *call us* immediately so we can track it down for you. Delivery of orders of 60 litres or less will normally be to your door, including rural delivery addresses. However, delivery of larger orders may be to the nearby freight depot or drop-off point we will arrange with you when you place your order.

## • Factory & Office Hours

If you want to collect your order from our Rotorua factory, you're welcome. It's at 68A Tallyho Street. Open hours are 8.30 to 4.30, Monday to Friday (9.00 to 4.00 May-July).

## • Payment

We send your invoice by mail, the day we send your order, so you'll know when it was shipped. Payment is due on 20th following month, and you can send a cheque or use direct payment to a/c No: 123155-0066374-00. The bank account number is also on both your invoice and your statement. We send statements out in the first week of each month.

## • Referral Rewards

Word-of-mouth is the best advertising, so if you recommend us to someone who then becomes a new Rainbow & Brown customer and mentions your name, we'll thank you with a \$10 discount off each different product in your next order. So if you order four different items, you now get a \$40 discount (previously \$10).

SMALL PRINT: The discount doesn't apply to products on special.

## • Website

Check out our website for full details and labels of all our products, plus Safety Data Sheets, and a small library of useful reference articles. You can also download from the free Weed Files library. It's at [www.rainbowbrown.co.nz](http://www.rainbowbrown.co.nz)

## • Approved Handler Certificates (EPA)

You do NOT need an Approved Handler certificate to purchase any current Rainbow & Brown product except for Cobber herbicide. To apply MSF600, GrassMate, MCPA, Ranger or Triclo in a "wide dispersive manner" (i.e. by boom spray), or apply it commercially (i.e. you're a contractor), or over water (i.e. you're a dickhead), you DO need an Approved Handler certificate to apply it, but you DO NOT need a certificate to buy it. You need an Approved Handler certificate to buy Cobber herbicide or to apply it in any circumstances.



PO Box 10049, Mail Centre, Rotorua 3046

E-mail: [mail@rainbowbrown.co.nz](mailto:mail@rainbowbrown.co.nz)

Freephone: (0508) 299 299

Fax: (07) 350 2008

[www.rainbowbrown.co.nz](http://www.rainbowbrown.co.nz)