

# Rotate for optimum viewing

Our new advert is reproduced below, in case you missed it. But we hope you didn't miss it, or the new Country-Wide national edition. Tony and Dean and their team have made NZ agricultural publishing world class. World leading actually. So may we give them a free and unsolicited plug by suggesting that you check out some of their publications? They treat even piddling little advertisers like us very well, and always have, but they treat NZ farmers best of all.

This month we want to pause from our usual blather on this page and instead play a small tribute to the folks at Country-Wide publications in Feilding. They publish the Farmers Weekly, the Dairy Exporter (have you seen the new-look Exporter; it's brilliant!), as well as the Country-Wide monthly newspaper, among several other titles. October is the first issue of a new national edition of Country-Wide, and we're in it.

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## This is the best we could do.



Paul Martin - Director

We can't really afford an advertising agency, so our adverts look pretty ordinary. No vast areas of artistic white space, no snappy little headline, and no one leaning on a fence post, not even a former All Black to say what bloody good blokes we are.

And so you are stuck with this. Too many words, and not enough offers of a free bonus chilly bin with every pack of our product. Not any, actually.

However, we'll just tell our story and see how that goes. You can bail out whenever you like.

We've been operating for nearly 12 years, so you'd think we actually could afford an advertising agency by now. We do keep on getting bigger, but they keep getting dearer, like most things. Anyway, 12 years done, with several thousand customers all over NZ, and more joining us every day. The best thing about that is that most of them join us because of the recommendation of our existing customers. Can't say better than that.

Our products are familiar now; sprays that NZ farmers, growers and contractors all use regularly. We have a range of around 15



products at the moment, and a couple more in the registration system. We try to introduce 2 or 3 new products each year now.

We deal direct with you. It saves you money, because you avoid middlemen clipping the ticket. And it's more convenient as well, because your order is delivered to you, generally right to the farm. Just call or email; less than a minute and it's all done. Delivery usually takes just two to three days, and it's included in the standard price. No more to pay.

You get normal '20th of the following month' payment terms. So you receive the product well before you pay for it. And to open an account all you need do is contact us to order something, and give us your name and address details. No formalities or applications at all.

We have a website (seems everyone has one now, even cafes and sometimes even the waiters). Ours has full details and prices of all the products, as well as their labels and safety data sheets for download. Plus a small library of useful technical articles about things like spray drift. You can place your orders on line too, right on the website.

You can also subscribe to our free library of detailed Weed Files, by either clicking a gizmo on the website or by calling us. We have a toll-free number (Did I mention



that? We do. Even waiters don't often have those!) There are over 30 titles in the Weed Files reference library now, and we add more regularly. You will receive a full colour PDF of each one by email, to either print or to file on your computer. They give the best options for dealing with the various weeds in different situations. And of course information and pictures to help you identify the weed in question.

And we have a regular (every two months) customer newsletter called 'Confirmed Rumours'. It's very popular, and contains a bit of the usual corporate propaganda, as well as quite a few surprises of both the informative and entertaining kinds. That goes to all customers free, and no one has ever sent one back. So far.

And that's about it. Our prices are pretty good, and will usually save you money. Often quite a bit. Our service, both delivery service and technical advice, is a strong point, and one of the most regular sources of nice feedback from customers.

In fact that's why we enjoy so many recommendations by our customers to their friends and neighbours: reliable products at decent prices, and excellent service. Which is also the best we could do.

To contact us call toll free on (0508) 299 299 or use our website at [www.rainbowbrown.co.nz](http://www.rainbowbrown.co.nz).



## IN THIS ISSUE:

- **SPRING SPECIAL:** Save on Glyphosate for Spring Spraying MCPA Herbicide now available
- **Also:**
  - **IT'S NOT TOO LATE** to boost spring pastures with Gibber900.

- **NOTHING AT ALL:** about film stars.
- **2 NEW WEED FILES.**
- **FULL PRODUCT RANGE:** Details, Sizes & Prices

# SPRING SALE

## Glyphosate 360g/L and 450g/L



To herald the new season or to give spring a good kick in the slats, depending on how you look at it, we're having a sale on glyphosate.

After so many ups and downs and unpleasant surprises with glyphosate prices over the past couple of years, we think it makes a nice change to be able to offer a good deal to get things started this year.

And this is an especially good deal because it comes at the same time as the adoption of the new 15% GST, which will of course make most things dearer and not cheaper.

- Sale will be for one month only, starting right now, and will end at 4:00pm on Friday 29th of October.
- There's no limit per customer.
- You must pay in seven days from receiving the invoice and the goods to get the special price.

Here's the spring special prices, and the savings:

Product	Regular Price	Sale Price	Your Saving
<b>Glyphosate 360g/L:</b>			
5L	\$51	<b>\$46</b>	<b>\$5</b>
10L	\$80	<b>\$73</b>	<b>\$7</b>
20L	\$143	<b>\$132</b>	<b>\$11</b>
200L	\$1227	<b>\$1150</b>	<b>\$77</b>
<b>Glyphosate 450g/L:</b>			
5L	\$59	<b>\$52</b>	<b>\$7</b>
10L	\$90	<b>\$81</b>	<b>\$9</b>
20L	\$164	<b>\$152</b>	<b>\$12</b>
200L	\$1482	<b>\$1395</b>	<b>\$87</b>

These sale prices include both delivery and the new 15% GST. Call anytime, but don't wait too long!

# MCPA 750

***This new herbicide is now available from Rainbow & Brown***

It controls broadleaf weeds including thistles in pasture and cereal crops, and is a very cost-effective solution for the job.

The product is a liquid concentrate that contains 750g/L of MCPA as the dimethylamine salt. It's readily water-soluble and is intended for boom spraying use over pasture and cereal crops.

*The details of prices and sizes are:*

<b>5L</b>	<b>\$85</b>
<b>10L</b>	<b>\$140</b>
<b>20L</b>	<b>\$255</b>
<b>200L</b>	<b>\$2400</b>

*Prices include GST and delivery*

## ***How is it Applied?***

Normally as a boom spray in 100-200L water/Ha by ground or aerial application (see below for rates). The product can also be applied by hand as a spot spray, at 5ml/L by knapsack or 500ml/100L by handgun.

## ***Is it Grass Friendly?***

Yes, although it will damage clover especially when used at the higher recommended rates. Clover damage in pasture can however be minimized by hard grazing before application to remove as much clover leaf as possible, and then leaving the paddock a week for weeds to freshen up before spraying.

## ***When is it Used?***

MCPA 750 is best applied to seedling and young weed plants, when they are growing actively. For most species that means spraying from late autumn through to spring, although winter or drought control can be variable if weather conditions are inhibiting reasonable weed growth. MCPA 750 can also be effectively used against Californian thistles in summer as part of a two-season control programme (spray in summer, then again the following autumn ... a third treatment the following summer will often be necessary for optimum long-term control)



## ***Withholding Period?***

No withholding period is required. It is nevertheless recommended that grazing is delayed for two days after application to ensure the herbicide is fully taken up and translocated by the weeds.

## ***What Weeds are Controlled?***

*In Pasture at 1.5-2L/Ha:* Annual buttercup, scotch thistle, hedge mustard, nodding thistle, variegated thistle, winged thistle.

*In Pasture at 2-3L/Ha:* Catsear, dandelion, nettle, plantains, twin cress, wild turnip, willow weed, Californian thistle, perennial buttercups.

*In Pasture at 3L/Ha:* Hoary cress, creeping mallow.

*In Cereal Crops (see label on our website) at 1.5L/Ha:* Black nightshade, seedling docks, fathen, hedge mustard, nettle, shepherd's purse, wild turnip, redroot.

## ***What About Difficult Thistles?***

MCPA 750 works very well and economically when mixed together with low concentrations of our Cobber herbicide against hard-to-kill thistles (e.g. Californians, or other thistle species in situations where they have become resistant to applications of MCPA alone, or to 2,4-D).

# NEW GST RATE

Due to having perfected the three-card-trick with taxes, the government has introduced the new 15% level of GST.

This has of course had the usual unintended consequences, in this case a massive re-equipment project at the IRD where they have had to immediately replace thirty thousand calculators with new models with 'non-decimal place' keypads.

However, the saving of one extra key position is expected to result in the new procurement project paying for itself in approximately one thousand six hundred and fifty years, as well as extending the service life of IRD assessors' index fingers well into the next century.

In related news, we have adjusted some of our prices to reflect the new rate. We say 'some' prices, because they haven't all gone up, and some have come down.

This is because certain materials have changed in cost price for the new season, so we have been able to pass on some savings on those, or in two cases, at least hold our old prices at the same GST incl level.

*The good news is:*

**Reduced Prices:**  
GrassMate and Triclo

**Held Same Prices:**  
MSF600 and MCPA 750  
*(we really had to hold MCPA,  
as it's only just become available!)*

All the other products have had their prices adjusted to reflect the new level of GST, rounded off to about the nearest dollar or so.

Note however that our spring sale has brought the prices of both Glyphosate products down for October only. After the sale, the new Glyphosate prices shown on page 9 will apply.



The perfect way to deal with individual broadleaf weeds, Buckshot is a granular herbicide applied dry. Carry a bottle or applicator on the bike or tractor, ready for use anytime you spot a target of opportunity. Goes a long way at just 2g per large weed plant. Available now.

**5kg...\$77    20kg...255**



CALL TOLL-FREE ON (0508) 299 299 Prices incl GST & delivery

# IT'S NOT TOO LATE

*If you want to boost your spring pasture growth, it's not too late to reach for the Gibber900 growth promoter.*

The ideal window to get the remarkable benefits of our pasture growth promoter is still open. When we did the original farm trial with Gibber900, we continued the applications of the product right through until the end of October and still achieved dry matter increases of up around 60%, compared with untreated areas in the same paddocks.

Gibber900 is a natural growth promoter that boosts both grass and clover growth, and it works fast. The ideal way to use it is to spray onto freshly grazed paddocks in 1-3 days after the stock have been moved on. Within around 5-7 days after application, the Gibber900 starts to produce clearly visible extra growth, and this

growth continues to accelerate until around 21 days after application.

This makes Gibber900 ideal for rotationally grazed systems, but it works well in any intensive grazing situation where you might otherwise struggle to produce enough growth for the stock's demands. It is especially useful when the soil temperatures have not yet reached the ideal levels for achieving maximum growth.

It does not replace fertilizer, so you still need reasonable (i.e. normal) levels of soil fertility to achieve the extra growth. But neither does the product cause any noticeable depletion of fertility levels. Our customers have made repeated applications to the same paddock, in other words on several consecutive rotations, without any loss of effectiveness, and without detriment to normal growth after the feed pinch period is over.

And the feed is not reduced in quality either; treated grass sugar levels typically remain in the 7-8 range by brix measurement.

You can get Gibber900 in two sizes:

- **45g Trial Pack.. treats 5 hectares ..... \$77**
- **270g Pack ..... treats 30hectares.....\$434**

## *A note on cost per hectare.*

*There's been some confusion about comparing the price of Gibber900 with a similar product that needs to be applied at a higher rate due to that product's lower active concentration. The key issue is the cost per hectare. Using a standard 270g pack of Gibber900, the cost per hectare is \$14.47 incl GST. Or if you want to compare with an ex-GST price, then the Gibber costs just \$12.58 plus GST per hectare.*



## Hickory Dickory DOCK!

This is a timely reprint of a great idea we published last year from a customer named Norman Sherwin, regarding spot spraying mature dock (it's far too clever for me to have thought of it).



Our herbicide Ranger is an excellent specialist spray for docks, and works best through the spring when the docks are in full leaf. But there's a caution on the label to say DO NOT spray after seed heads have fully formed ... the issue is that as soon as you spray such a dock it panics and releases all its seeds in a desperate attempt at immortality. And so you still have a zillion seedlings next year.

Norman said he had a reasonably small number of large docks in full seed that he wanted to hand spray. And his clever idea was, why not just snip off the seed head and stick it in a bag and *then* spray the dock. It's simple, it's brilliant, and it works.

## Spraying Around Trees

You can use Rainbow & Brown's Cobber herbicide to safely spray around the base of many common shelter and ornamental trees. The tree species that are tolerant to Cobber include conifers, poplars, willows, *Casuarina*, *Cryptomeria* and *Eucalyptus*. Many other trees and shrubs are also tolerant to Cobber, and even if tolerance is unknown it's pretty safe to conduct a small scale trial patch to make certain. Always use a directed spray to minimise overspray & drift, or put temporary sleeves around the lower trunk of immature trees. Weeds well controlled by Cobber in this situation include gorse, broom, thistles, ragwort, Old Man's Beard, clover, and a very handy range of other broadleaf weeds.



## Do You Spray Heaps of Gorse or Scrub?

Many people do large spraying projects, usually gorse or scrub, where MSF600 is the ideal product.

Because we can make some relatively good savings on packing and freight costs when it's a bigger order, and because if you use a lot of it you're going to be screwing us down for a good discount anyway, we are happy to quote special prices on all orders for MSF600 of 10kg or more, delivered to the one address.

So if you've got a big one, give us a call or an email and we'll do our best price for you.



## WEED FILE:

# WILD GINGER



Kahili Ginger

Yellow Ginger



*Hedychium gardnerianum* - Kahili ginger  
*Hedychium flavescens* - Yellow ginger

### DESCRIPTION

There are two types of wild ginger in New Zealand: Kahili ginger and yellow ginger. Both are very serious invaders of native vegetation sites, and both are subject to strict plant pest controls by many NZ authorities, including total control orders.

The two types are similar, both being originally introduced as fragrant and very attractive garden plants. However, as is so often the case, an initially appealing guest turned into an unwelcome invader.

The Kahili ginger plant is the more serious of the two, due to its production of about 100 viable seed from every flower head, and these are widely distributed by birds, whereas the yellow ginger does not produce viable seeds in New Zealand, and thus is less aggressively and readily invasive.

### KAHILI GINGER

The Kahili ginger plant is about 2 metres tall when mature, and carries large waxy leaves arranged alternately along its erect stems. The leaves are long and slim (to 40cm in length), with pointed tips. In Jan-Mar it produces large and spectacular yellow flowers with very conspicuous reddish stamens, and a strong pleasant fragrance. The seed capsule is orange, and contains numerous bright scarlet seeds.

### YELLOW GINGER

A taller plant, reaching 3 metres, the yellow ginger has even narrower leaves than the Kahili, and they grow more upright. The flowers appear later, normally May-Jun, and are smaller and creamy-yellow in colour, on a cone-like flower head. The yellow ginger plant produces no seeds.

Both types have large and tuberous rhizome-type root systems, from which the plants of both varieties will multiply. This ready growth from the extensive rhizome system will quickly produce a very dense mass of vegetation that will block the light and effectively smother native species. The thick underground mats formed by the rhizome systems themselves are very deep (up to a metre into the soil) and make it very hard for any other plants to penetrate and grow successfully.

### HABITAT

Wild ginger tends to appear in roadside areas and damp locations, often in the vicinity of the gardens from which it originally escaped. It will then move into adjacent areas of native vegetation, especially the

Kahili ginger variety due to the bird-borne transport of its seeds. Both types are most common in the northern half of the North Island, and are a very substantial problem in parts of Northland.

### MANUAL CONTROL

Seedling plants can be removed by hand, and isolated larger plants can be grubbed out, but in that case the entire rhizome system must be carefully removed and taken off the site. It is important that removed plants are not dumped carelessly, because they will readily grow where they have been dumped. Removed material must be bagged and transported to a proper waste disposal site or transfer station. Alternately it can be bagged and sprayed with a herbicide, then retained in the bag until totally dead and desiccated.

### HERBICIDE CONTROL

There are two chemical control methods; spraying and stump swabbing.

#### Spraying

Wild ginger plants are best sprayed in the spring, before the flowers have set, but the plant is susceptible right through until late autumn. Spray coverage should be as thorough as possible, with all foliage sprayed to just short of the point of runoff. In many sites where native plants are adjacent, this may mean that a protective shroud will have to be fashioned and used to avoid overspray damage.

- **MSF600** at 5g per 10L of water, plus 20ml of **SuperWetter** penetrant.
- **Glyphosate 360g/L** at 200ml per 10L of water (or **Glyphosate 450g/L** at 160ml), plus 20ml **SuperWetter** penetrant.

#### Stump Swabbing

This method is suitable for larger plants, especially in locations where spraying is impractical or too risky for adjacent valuable plants.

- **MSF600** at 3-5g/L water brushed, swabbed or squeezed/droppered onto the freshly cut stump of the plant. Make the cut as close to the ground as practicable and horizontal, to try to retain as much of the herbicide solution on the cut area as possible. The remains of the plant should then not be removed from the soil until it has totally died (a minimum of several months after treatment).



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

**SUBSCRIBE** to our Weed File Library at our website (just click the 'Subscribe' button and fill out a simple form). Each time we publish a new one or update an existing one, we'll automatically email it to you as a printable one page full-colour PDF. You can also subscribe for a friend you think may be interested in receiving our Weed Files.

## WEED FILE:

# WILLOW WEED



*Persicaria maculosa*

### DESCRIPTION

Willow weed is an annual plant that grows in spring and summer, and dies off in late autumn. It can be either a sprawling plant or an erect plant, depending on the location; in open areas with little competition it will tend to sprawl and spread laterally, while in more competitive surroundings such as a crop, it will initially sprawl but can then develop in a more erect form to a height of about 40cm.

As the name suggests, the leaves are shaped similarly to those of a willow tree, being sword-shaped, up to 15cm long by just 4cm wide, and dark green in colour. There is generally a dark brown/black irregular spot in the centre of the leaf's upper side, and at the base of the leaf is a sheath with a distinct fringe of hairs.

The stems are tinged with red, although not as intensively red as the similar plant, the water pepper.

The flowers of the willow weed appear in mid-summer, and are small and pink in colour, occurring in tightly-packed cylindrical bunches to 4cm in length, occurring at the ends of the stems. The flowers of similar water pepper can usually be distinguished by their distinctly greener colouring, and the fact that water pepper flowers grow in much looser and more open bunches than do the tightly packed cylinders of willow weed.

### HABITAT

Willow weed prefers cultivated land, especially where conditions are dampish, and is found throughout New Zealand.

Willow weed is a particularly invasive weed, and affects both crops and pastures. At times it can be a very serious weed in crops as its rapidly sprawling habit can overwhelm and suffocate a young crop especially in the spring.

### POISON

In pastures it is rarely eaten by stock, but is suspected of causing stock poisoning illness and death both in NZ and overseas.

### MANUAL REMOVAL

An important point to consider when dealing with

willow weed is that although it produces a large number of tiny triangular seeds from which it reproduces, willow weed also readily reproduces from stem fragments, including very small ones. Successful manual removal of the plant therefore requires the careful collection and removal from the site of every part of it.

Willow weed is killed by frosts, but fresh seedlings appear each spring. The seeds will remain viable in the soil for a very long time, and complete eradication may take several seasons to achieve.

### HERBICIDE CONTROL

In most situations, because of the rapid and invasive nature of willow weed, it will have to be dealt with via herbicides.

#### Boom Spraying

In both pasture and crops, boom spraying is the way to go. The plant is best controlled when it is in its younger stages of growth, especially up to the 4-leaf seedling stage. Control beyond that stage becomes less certain. As with virtually all weeds, the best results will also be achieved if it is sprayed while it is actively growing in good conditions. The most used boom sprayed options are:

- **MCPA750** at 2-3L/Ha in 200-300L of water.
- **2,4-D** at 2-3L/Ha in 200-300L of water (this rate recommendation is for a 680g/L active 2,4-D product). Note Rainbow & Brown does not yet have 2,4-D in its range, but we're working on it, and in the meantime there are several brands to choose from.

Both of these spray options are likely to cause some temporary suppression of clovers in pasture.

#### Spot Treatment

Glyphosate is effective as a spot spray but its use is rarely practical due to the damage to the surrounding crop or pasture plants. Generally boom spraying will be necessary in crop and pasture situations anyway, due to willow weed's invasive nature.



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## 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.....	\$51
10L.....	\$80
20L.....	\$143
200L.....	\$1227

**OCT SALE**  
See page 2

## GLYPHOSATE 450 450g/L GLYPHOSATE AS THE ISOPROPYLAMINE SALT



ACVM No P7223

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

- More concentrated for maximum economy
- Same user-friendly benefits as Glyphosate 360 (above).
- 25% stronger so goes 25% further (20L = 25L of the 360g/L product).
- Use 800ml/100L (hand) or 2.4-4L/ha (pasture).
- Add SprayWetter penetrant for best results.

5L.....	\$59
10L.....	\$90
20L.....	\$164
200L.....	\$1482

**OCT SALE**  
See page 2

## 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 .....	\$55
500g .....	\$78
1kg .....	\$100

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



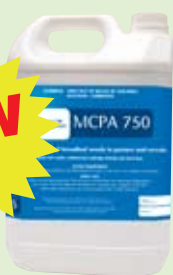
ACVM No P7417

*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.....	\$95
5L.....	\$195
10L.....	\$380
20L.....	\$695
100L.....	\$3395

## 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 .....	\$85
10L .....	\$140
20L .....	\$255
200L .....	\$2400

**NEW**

**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.....\$189  
5L.....\$378  
10L.....\$726  
20L.....\$1349

**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 \$14.16/Ha, simple to apply with any spray gear.
- Sizes: 45g (5Ha) trial pack and 270g (30Ha) regular pack.

45g .....\$77  
270g .....\$434

**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 .....\$77  
10kg .....\$148  
20kg .....\$255

**NOW  
BACK IN  
STOCK**

**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 .....\$97  
1kg .....\$874

**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  
5L.....\$195  
10L.....\$380  
20L.....\$695

**REPLICATE** 150g/L PICLORAM and 225g/L CLOPYRALID BOTH AS MONOETHANOLAMINE SALTS

ACVM No P8050

*For control of broadleaf weeds in fodder brassica crops and in Ratiata pine. (Approved Handler certificate required)*

- Controls black nightshade, fathen, redroot (suppression), thornapple, woolly nightshade, fleabane, foxglove, fireweed, tree lucerne, wattles, gorse, broom.
- For brassicas apply at 350ml/Ha, by aerial, ground or CDA spray. Best results when applied to weeds at 2-8 leaf seedling stage.
- For Radiata pine use 2-2.5L Ha by air.

2L.....\$302  
4L.....\$568

**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.....\$74  
5L.....\$164  
20L.....\$603

**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  
10L.....\$128  
20L.....\$245

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## • Rainbow & Brown

Rainbow & Brown Ltd is a privately-owned NZ company. Our factory and office is in Rotorua. We're now in our 11th 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, with no retailers, agents or middlemen involved, which is why our prices are so attractive ... it is effectively the "wholesale" price, direct from the manufacturer.

## • People

The directors of Rainbow & Brown are Paul & Chris Martin, who've both been involved in the NZ agricultural chemicals business for nearly 20 years. Both are actively involved in running and building the business. If you phone us, your most likely contact will be Rachael, our office manager. If you call in at the factory, 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 will 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 subscribe to the free Weed Files library. It's at [www.rainbowbrown.co.nz](http://www.rainbowbrown.co.nz)

## • Approved Handler Certificates (ERMA)

You do NOT need an Approved Handler certificate to purchase any current Rainbow & Brown product except for Cobber and Replicate herbicides. 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 and Replicate herbicides or to apply them in any circumstances.



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