

Children of the Sixties

by Paul Martin, Director, Rainbow & Brown



As I write, this past week three notable celebrities have died: musician-artist David Bowie (69); brilliant actor Alan Rickman (69); and founding member of the Eagles, Glenn Frey (67).

No doubt they weren't the only ones to shuffle off this mortal coil during the current week, but I noticed those three in particular because they were all contemporaries of mine. A wee bit older than me, but not much. We were all teenagers together, in the swinging sixties. Woodstock and all that, although at the time of Woodstock I was in the army, and not exactly the longhaired hippy love child the other three blokes were.

But it still got me thinking. About Ziggy Stardust, Hotel California and the other anthems of my youth. Alas, also about gloomy bloody mortality mostly.

These were not stars who burned out at 27, like Jimi Hendrix, Janis Joplin, Jim Morrison, Kurt Cobain and Amy Winehouse. These three blokes were old enough to have some bastard mention "good innings" at their funerals. And they were hardly older than me! So mortality inevitably rears its unwelcome head.

Absorbing the passing of Bowie, Rickman and Frey, and trying to think of something less depressing, I began musing on the changes that have occurred since we were all teenagers together (along with quite a few other people, of course, but I won't list them all here).

This same past week I was also at a BBQ where a couple aged in their 30's were adamant that the Apollo moon landings were faked, and never really happened. Some gibberish about the USA wanting to humiliate the Russians was their principal evidence.

This couple weren't even born back then, but I was and I remember going outside on the night of 21st July 1969 and looking at the moon. I fancied I could clearly see the little speck in the Sea of Tranquility that was the lunar lander, though I was unable to make out Armstrong and Aldrin strolling about kicking rocks. I do recall

that I'd had a couple of beverages beforehand, so maybe that affected my sight a bit. But they were up there! And everything felt different from that moment.

To stand on the surface of our earth on that night and consider that there were jokers actually standing on the surface of that other celestial body up there, right at the moment I was looking at it, was a staggering thought (staggering even without the few beverages). How could anyone fake that feeling? Only people who weren't born yet could dismiss it now.

But I mostly just shut up, at the BBQ. I did point out that it was actually easier to go to the moon than it would have been to convincingly fake all the video of moonwalking and the rocket launches on both earth and moon, using 1960's technology. But it was a waste of my breath. And thinking about Bowie, Rickman and Frey, I reckon I need to not waste any breaths at all any more, so I left the rest unsaid, and the young couple lost in their delusions. Can't blame them, because they weren't there. You really had to be there to feel it.

I suppose that is the one thing - the only thing - that Bowie, Rickman, Frey and I had in common. We were teenagers in the sixties. And you had to be there to feel what it was like.

Now almost anything can be faked. That young couple at the BBQ grew up entirely in an era when convincingly faking it was always an option. A touch of Photoshop and there you are; totally believable extra-terrestrials walk the earth. Donald Trump and Hillary Clinton could seriously contend to be President. Anything can be made plausible now.

Enough of this maudlin musing. I'm now determined to score a longer innings than Bowie, Rickman and Frey. And in cricket terms, I'm into the nervous nineties right now. So please cross your fingers. I'd cross mine, but a touch of arthritis makes it a wee bit painful. No matter, these days we've got an app for that.



IN THIS ISSUE:

- **SPECIAL OFFER:**
Granny glyphosate granules
- **BUCKSHOT SALE:**
Save 30%
- **GORSE ENFORCER**
Reduced price for Autumn Earlybirds
- **WEED FILES:**
Gorse
Ragwort
- **FULL PRODUCT LIST:**
Sizes & Prices

Granny Special

A special deal on a carton of 3 x 4.5kg packs, saving you 17%

Granny is the very popular granular form of glyphosate. It's more concentrated than the standard liquid product (it's 80% active versus 36% active).

Granny's the Smart Choice

Granny takes up less space, weighs less, and requires less packaging than the equivalent amount of liquid. And it also therefore costs much less than liquid to deliver, for a given amount of active ingredient.

So this special is all about maximum logistics efficiency. We normally sell Granny as a 9kg carton (2 x 4.5kg bags) for \$120.75. And that 9kg of Granny is the equivalent of 20L of the liquid version.

But we can actually fit three of those bags into the same carton, making a total of 13.5kg, and it still costs us the same for delivery as the original 9kg carton.

Here's the Deal

We're now offering a limited-time special on a carton containing 13.5kg of Granny. Three bags instead of two. That equals 30L of standard liquid glyphosate. And the reduced logistics cost means that you are now paying under \$100 incl GST for the equivalent of a 20L glyphosate 360.

No Frills

With 3 bags in the carton, we can't fit the usual measuring jug in there as well. But if you're already using Granny, how many measuring jugs do you really need? You probably have several Granny jugs on the shelf already.

So this special is a bare-to-the-bones deal of a single carton, packed with the maximum amount of Granny we can get into it, and with all of the logistics & packaging savings passed on to you. It saves you 17%



off what was already a pretty low price for a great glyphosate product that has many advantages over the traditional liquids.

No Limits

But you don't have to buy just a single carton, of course. You can have as many of these 13.5kg cartons as you want, at least while our present stocks set aside for this deal last.

Granny Special:
13.5 kg carton
(3x4.5kg bags)...\$149.50
incl GST & delivery

Your Savings

You'll save \$31.62 off our normal Granny price, and if you compare it with the equivalent 30L of glyphosate 360 liquid you'll actually be saving \$36.80 on the deal.

Call Rachael at Rainbow & Brown toll-free and get all your autumn-to-spring glyphosate sorted now for this great price while it lasts.

Glyphosate: Liquid versus Granules

How do you compare the liquid & granule versions of glyphosate?

The liquid is 36% active and the granule is 80% active. But you want to make sure you're applying the same amount of actual active ingredient either way, so the application rates to achieve that will be different.

Example 1: Spray out 5 hectares of old pasture for re-sowing.

PRODUCT	Rate per hectare	Qty Required
G360 liquid	4 litres	20 litres
Granny granules	1.8kg	9 kg

Example 2: General spraying with a Handgun or 15L Knapsack.

PRODUCT	Rate per 100L	Rate per 15L
G360 Liquid	1 litre	150ml
Granny granules	450g	65g

So you use less of the granules to achieve the same rate of active ingredient applied.

The plants can't tell the difference of course; to them 1L of liquid feels just the same as 450g of granules. The actual chemical is no different at all, it's just the form & package it arrives in at the farm that's different. And the plants you're spraying aren't aware of that. You could go out and tell them if you wish, but the neighbours will think you've lost the plot. And the weeds won't care anyway.

Buckshot Clearing Sale

Save up to 30% during this one-time-only Sale!



BuckShot is applied in dry granular form to pasture weeds including thistles, ragwort, brushweeds, etc. It kills all the toughest weeds, and is effective at every stage of their growth.

It's great for dealing with any pesky big weeds that were missed or that survived your earlier spraying programme.

BuckShot has always been the lowest-priced product of this type in NZ, and remains very popular for its performance and for its value for money.

One Wee Hitch

It has one compromise; the BuckShot granules have never been quite free-flowing enough to always pass reliably through some of the proprietary dispensers made for the purpose of carrying and applying a dry granule.

There's not such a problem if you are using a milk bottle or other commonly improvised dispenser, but the product could sometimes jam up in the fancy store-bought dispensers.

Now De-Hitched

We have an improved free-flowing granule in final stages of development, and it won't jam in any of the dispensers. It's still the same strength of the same active ingredient, and it will still work exactly the same in controlling weeds. The only difference will be the beautifully free-flowing granule.

Full disclosure: there will be one other difference. It will be more expensive than the current version, because the manufacturing process to achieve this improved granule form is more complex and costly.

Everything Must Go!

So, we are now selling out all of the remaining stock of the current BuckShot, at a huge saving to you.

If you've never had a problem with dispensing (most BuckShot users haven't), then this is a once-only opportunity to grab some extra BuckShot at a fantastic price.

But if you have had a dispensing problem, then you don't have too much longer to wait for the new BuckShot ... unless you want to go all low-tech and use a milk bottle for a while, in which case you can also take advantage of this Clearing Sale.



How Much to Buy?

BuckShot is a very stable dry granule, and has a two-year expiry date from manufacture. It actually lasts quite a bit longer than that, with no loss of potency, when stored properly in the original container. So if you like BuckShot just the way it is now, you can very safely grab a couple of seasons' supply at this great price ... a price that will certainly never be repeated; not even close.

How Much Will You Save?

You'll save up to 30% off the current price of BuckShot granules.

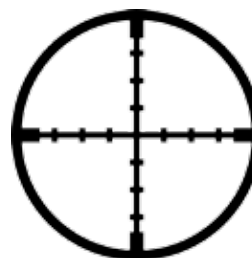
We're not yet sure of the final price of the coming New-and-Improved-Granule version of BuckShot, but it's a pretty fair bet that this special offer will be saving you around 40% off that new BuckShot v.2.0 price.

Size	Current Price	Sale Price	You Save
5kg	82.80	57.50	\$25.30 = 30%
10kg	149.50	104.65	\$44.85 = 30%
20kg	241.50	193.20	\$52.30 = 20%

Those prices *include* GST and delivery to the farm.

There's no limit per customer, and this sale price remains in force until all present stock is sold out.

So get stuck in; let's all get this stuff out there where it belongs, sprinkled around the feet of nasty, production-killing weeds.



Using BuckShot

How to use it

BuckShot is applied as a dry granule, sprinkled directly onto the weed (if it's a flat weed) or to the soil beneath it (if it's an erect weed). Carry some on the bike, tractor or ute to hit targets of opportunity anytime you spot them around the farm.

It works by slowly penetrating into the soil around the roots, killing the target weed from below. BuckShot does no lasting harm to grasses, so as the weed dies off the pasture grass species will move in to naturally fill the gap.

What weeds it kills

BuckShot contains 20g/kg active picloram. It's very effective against ragwort, thistles, gorse, broom, blackberry, inkweed, docks, sweet brier, woolly nightshade and several other troublesome large weeds. And it kills even the fully mature plants.

APPLICATION METHOD

Apply Buckshot granules evenly over the top of the plant and in the case of brushweeds extending out to 30cm beyond the dripline. When treating bushes on steep slopes more granules should be applied on the uphill side, as some downward leaching will occur. This product must be applied in accordance with the New Zealand Standard for the Management of Agrichemicals (NZS 8409).

WEEDS	RATE	COMMENTS
Ragwort, nodding thistle, docks	2g per plant	Apply half a level teaspoon to the crushed centre of each plant
Broom, fennel, goat's rue, hemlock, inkweed, lupin, Mexican devil weed, St John's wort, woolly nightshade	30g/sq.m	Best results are achieved on light sandy or stony soils and when applied late winter to late spring
Gorse, blackberry, boxthorn (seedling), barberry (small bushes), heath, horehound, Himalayan honeysuckle, sweet brier, matagouri, tutu, tutsan	55g/sq.m	

Gorse Enforcer

A reduced price offer for Autumn Earlybirds.

We've revised our Gorse Enforcer package deal to take advantage of the lower cost of MSF600 when packed in the new 2kg bags instead of the plastic 500g jars.

It's a combo deal that's sufficient for aerial spraying of four hectares at the full mature gorse rate of 500g MSF600 + 2L SuperWetter per hectare (and you'll still have 2L of SuperWetter left over for other spraying jobs).

You get:

2kg bag of MSF600 herbicide

plus

2 x 5L of SuperWetter organosilicone penetrant

... all for just \$345 incl GST and delivery

That's a saving of \$34.50 off our previous price on the Gorse Enforcer package deal.

It also drops the cost to less than \$80 per hectare, for herbicide AND penetrant!

Get in early and order your autumn gorse control needs now at this great price.



Gorse Big Deal

For larger gorse spraying jobs, we offer a special combination pack of MSF600 and AirWet LF penetrant (the full strength, low foam wetter, for aerial use).

10kg carton of MSF600 (normally \$552)

plus

2 x 20L AirWet LF penetrant (normally \$989)

Gorse Big Deal Price...\$1440.95 (save \$100)

That's enough to aerially spray 20 hectares of mature gorse, at a chemical cost of just \$72 per hectare, including GST & delivery.

And for combination quantities larger than 10kg + 40L, delivered to the one location, we can probably do better still. Call for a quote.



2,4-D Granules Update

You probably know that we have not been able to supply our 2,4-D granules for a while now, due to a nasty and unforeseen supply problem overseas.

At last we can say that we are soon going to be back in stock. We've completed work with a new supplier, and now we're just waiting for all the paperwork to be approved by the ACVM in Wellington.

We expect to be back in stock well in time for the 2,4-D spraying season in the coming late autumn. You should see an announcement about availability in the next Confirmed Rumours newsletter.

We apologise for the delay, and can only say that it really did hurt us even more than it did you. On a positive note, the prototype new product looks terrific!

WEED FILE: GORSE

REVISED: FEBRUARY 2016



DESCRIPTION

Describing gorse to a Kiwi farmer is like describing a jockstrap to an All Black; hardly necessary (i.e. it's an uncomfortable fact of life and you already know what it looks like).

But for the sake of form, gorse is a woody, deep-rooted perennial brushweed that can grow to 4 metres high in dense, impenetrable stands. Its small green leaves are hard spines, and in autumn and spring it produces the masses of bright yellow flowers so beloved of tourists.

Alas, gorse also produces about 8,000 seeds per bush per year. And these seeds can survive in the soil for at least 30 years. So it's hardly surprising that controlling and ultimately eradicating gorse is a long-term proposition, involving a combination of several management practices.

MANUAL & MECHANICAL REMOVAL

If stands of gorse are not too dense and mature, plowing or rotary slashing can be an effective approach. After plowing, seedlings and regrowth will require follow-up spraying with herbicide (see below). Slashing will need to be repeated, probably several times, interspersed with hard grazing by sheep, as well as some follow-up spraying as necessary.

Cutting smaller gorse with a scrub cutter or chainsaw and treating the stumps with herbicide, although labour intensive, is very cost-effective for isolated plants or small stands. Large individual gorse bushes can be successfully cut off just above ground level, and the stumps swabbed with herbicide (see below).

BURNING

Gorse burns well and if conditions (and regulations) allow, burning can be a cost-effective option. But seeds are not killed by the fire, and even the burnt stumps will regrow, so follow-up spraying with herbicide is inevitable. Most authorities advise spraying with herbicide some months before burning, because the dying bushes will burn better.

GOATS

Goats can contain or even eliminate gorse given time, but the property needs to be suitably fenced and carefully managed over several years. Up to 20 goats per hectare are required to make good progress.

BIOLOGICAL AGENTS

There is a widely-occurring gorse seed weevil that has some impact during the summer months, but

is ineffective against seeds produced outside that season. Other biological agents are being developed and tested, and may prove beneficial in the future. Of course, they said that about the rabbit. And the possum. And the cane toad.

HERBICIDE CONTROL

Stump Treatment

- **Glyphosate G360** liquid at 200ml/L water, or **Granny** at 90g/L water. Effective year round, grass friendly.

In all cases, add **SuperWetter** at 10ml/L water to aid penetration. Plants should be cut as low to the ground as possible and treated soon after cutting. Use a paintbrush on large stumps to totally cover the top and sides of the stump down to ground level. A spray bottle or knapsack sprayer can also be used.

Spraying

The best option for dense and inaccessible stands. While gorse can be successfully sprayed year-round, the best time is during the flush of 'soft' growth that occurs a few weeks after flowering. The time when this occurs varies in different parts of the country, and even then varies a bit from year to year. It generally coincides with late spring, summer and early autumn.

- **MSF600** at 500g/Ha by air, in 400L water plus 2L **AirWet LF** penetrant.
- **MSF600** at 20g/100L by handgun (knapsack 5g/10L) plus **SuperWetter** at 100ml/100L water.
- **Grassmate** at 6ml/L water for hand spraying, or 10L/Ha by air, plus **SuperWetter** or **AirWetLF** at 100ml/100L water.
- **Triclo** at 6ml/L water for hand spraying, or 10L/Ha by air, plus **SuperWetter** or **AirWetLF** at 100ml/100L water. Warmer months only.
- **Glyphosate 360** liquid at 1L/100L, or **Granny** at 450g/100L, plus **SuperWetter** at 100ml/100L water.

Notes:

1. **GrassMate** is grass friendly. **MSF600**, **Glyphosate G360** and **Granny** are not grass friendly.
2. **MSF600** is the slowest acting (takes several months) but the lowest cost. It's also the most popular.



WEED FILE: RAGWORT

REVISED: FEBRUARY 2016



DESCRIPTION

Ragwort – *Senecio jacobaea*

Ragwort is normally a biennial plant that germinates in autumn, and then flowers, seeds and dies between 1 and 2 years after germination. However some plants, especially if they have been mowed, slashed or ineffectually sprayed, become multi-crowned perennials and are more difficult to kill.

During its first year ragwort is a rosette, but the flowering stage sees it form upright, leafy, flower-topped stems that rise to 50-120cm above ground level.

The flowers are distinctively bright yellow and are clearly visible from some distance away.

Ragwort prefers well-drained, fertile soils and thrives where pasture is weak or open. It spreads via its prolific seed output; one plant can produce over 200,000 seeds, and seed will remain viable for more than 10 years.

Ragwort is a poisonous plant that can be extremely toxic to cattle and horses, but less so to sheep and goats which will often eat it without harm. Susceptible animals will normally avoid eating growing ragwort, but this does lead to poor pasture utilization because they will also avoid grazing close to the plants.

Another problem is that as ragwort dies it becomes both more palatable and more toxic, so it is critical that stock are kept out of a paddock with sprayed ragwort for at least 2-3 weeks while the danger passes. For the same reason, incorporating ragwort plants into silage or hay is very dangerous to stock.

PHYSICAL CONTROL

Grazing systems with sheep or goats will usually prevent ragwort domination of pasture, but in dairy and cattle-only systems this is not feasible. Maintaining dense pastures will minimise seed germination, but on dairy units in winter and early spring this is difficult due to pugging.

Grubbing or pulling of ragwort plants is ineffective up to the early flowering stage because any root fragments remaining in the soil will re-grow. From late flowering this regrowth becomes less likely, and physical removal is more useful. However, it is essential that flower heads of removed plants are burned to destroy the seed.



Mowing is never recommended because the cut ragwort plants will re-grow, generally in the form of much harder to kill multi-crown perennials.

HERBICIDE CONTROL

Generally the control of ragwort requires the use of a two-stage approach; spot treatment of larger and multi-crown plants through autumn, and then boom spraying of seedling and rosette-stage plants in winter. Some follow-up spot treatment of any survivors can be required through the next spring.

Boom Spraying:

- **2,4-D Granules** at 2-3kg/Ha applied to seedlings and small rosettes in winter. Does no clover damage as clover is dormant at spraying.

For the critical spot and follow-up treatments in autumn and spring respectively, there are several options:

Spot Spraying:

- **GrassMate** herbicide spot sprayed at 6ml/L. This is grass friendly, but will damage clover.
- **MSF600** brushweed spray, spot sprayed at just 2.5g/100L for rosettes and smaller plants, or 5g/100L for multi-crown plants. This is not a grass-friendly option.

Note: If grass damage is NOT a concern, then by far the cheapest and most effective spray is MSF600. Ragwort at all growth stages is extremely susceptible to this active ingredient (in Australia, where native grass pastures are not susceptible, this herbicide is successfully aerial sprayed over dense ragwort infestations at just 20g/Ha).

Dry Spot Treatment:

- **BuckShot** granules applied dry at 2g (half a level teaspoon) to the crushed centre of each plant.

Weed Wiper:

- **MSF600** applied in a weed wiper at around 2g per 5L of water is extremely effective against ragwort plants once they have sufficient volume standing erect above the pasture level. Hard grazing prior to application will allow the best results because of lower wiping height. Make double passes, in opposite directions. Repeat treatment after 6 weeks for best long term results.

GRANNY 800g/kg GLYPHOSATE AS THE MONOAMMONIUM SALT

See
Special
page 2



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 ...\$55.00
4.5kg\$78.20
9kg\$120.75

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.....\$49.45
10L.....\$82.80
20L.....\$124.20
200L...\$1046.50

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

See
Specials
page 6



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\$31.05
500g\$46.00
1kg\$78.20
10kg ctn (5 x 2kg bags)
.....\$552.00
30kg+ - Ask for quote

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

2,4-D GRANULES 800g/kg 2,4-D dimethylamine salt as WATER SOLUBLE GRANULES



For control of broadleaf weeds in pasture and cereals

- Non-volatile formulation greatly reduces spray drift risk.
- Non-smelly, easy to handle, water soluble granules.
- Convenient 2kg foil bags for easy dispensing.
- Controls thistles and ragwort at seedling and rosette stages.
- * Minimal clover damage, especially with winter spraying.
- Use 1-1.5kg/Ha in cereals, 1-3kg/Ha in pasture, depending on target species.

**10kg carton
(5 x 2kg bags)
.....\$120.00**

COBBER 300g/L CLOPYRALID as the amine salt.



ACVM No P7790

*For control of hard-to-kill and multi-crown thistles in pasture.
(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.
- 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.
- Just \$5.77/Ha, apply with any spray gear.

**45g\$42.55
270g\$198.95**

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.

**5kg\$57.50
10kg\$104.65
20kg\$193.20**

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 and willow weed.
- 30g-65g/Ha depending on species and growth stage. Annual buttercups 50g/Ha, giant buttercups 65g/Ha.

**200g\$110.40
500g\$235.75**

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

20L.....\$494.50
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 15th 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, 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.

• 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

• 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

Freephone: (0508) 299 299

Fax: (07) 350 2008

www.rainbowbrown.co.nz