



Weeds controlled include



PASTURE WEED COMBO - CONTROL LIST

refer to the product labels for rates and specific instructions

WEED	SITUATION	BROAD SWEEP	RENOVATE	COMBINED*
Annual Clover (Triticum spp.)	Pasture		✓	✓
Artichoke	Non-Crop	✓		✓
Bathurst Burr	Pasture	✓		✓
Bindweed	Non-Crop	✓		✓
Bindy-Eye	Turf	✓		✓
Buttercups	Pasture	✓		✓
Cape Tulip (one & two leaf) (Homeroa spp.)	Pasture		✓	✓
Capeweed	Turf	✓		✓
Captrap (Yellow Vine)	Pasture	✓		✓
Chicory	Pasture	✓		✓
Crofton Weed	Pasture	✓		✓
Cudweed	Pasture	✓		✓
Dandelion	Pasture	✓		✓
Deadnettle	Pasture	✓		✓
Docks (Rumex spp.)	Pasture		✓	✓
Doublegee (Emex australis)	Pasture		✓	✓
Erodium/Storksbill/Wil Geranium (Erodium spp.)	Pasture		✓	✓
Fennel	Non-Crop	✓		✓
Fleabanes	Pasture	✓		✓
Fumitory	Pasture	✓		✓
Groundsel	Pasture	✓		✓
Heliotrope	Pasture	✓		✓
Hemlock	Non-Crop	✓		✓
Hoary Cress seedlings	Pasture	✓		✓
Horehound	Pasture	✓		✓
Inkweed	Pasture	✓		✓
Khaki Weed	Pasture	✓		✓
Mintweed	Pasture	✓		✓
Nettles	Pasture	✓		✓
Noogoora Burr	Pasture	✓		✓
Onion grass/Guildford Grass (Panicum rosea)	Pasture		✓	✓
Paterson's Curse/Salvation Jane (Echium plantagineum)	Pasture		✓	✓
Penycress	Pasture	✓		✓
Potato weed	Pasture	✓		✓
Purple-Top Veined Verbena	Pasture	✓		✓
Ragwort	Pasture	✓		✓
Ragwort (Senecio jacobaea)	Pasture		✓	✓
Rippletwort	Pasture	✓		✓
Shepherd's Purse	Pasture	✓		✓
Smartweed	Pasture	✓		✓
Soft Rush	Pasture	✓		✓
Sorrel (Rumex acetosella)	Pasture		✓	✓
Soursob (Quail pas-caprae)	Pasture		✓	✓
Stinkwort	Pasture	✓		✓
Thistles (incl Cookspur/Scotch/spear)/Slender Star/Innigated	Pasture	✓		✓
Wild Garlic (Allium vineale)	Pasture		✓	✓
Wireweed/Hogweed	Pasture	✓		✓



Broad Sweep Pasture Weed Combo™

Controls over 45 broadleaf weeds & thistles in grass pastures

CONTROLS:

- ✓ Thistles
- ✓ Sorrel
- ✓ Docks
- ✓ Ragwort
- ✓ Onion Grass
- ✓ Paterson's Curse
- ✓ Soursob
- ✓ Erodium and many more



WHAT HELP CAN I GET TO LEARN ABOUT SPRAYING EQUIPMENT AND CALIBRATION?

There are many online guides relating to sprayer calibration published by spraying equipment manufacturers. Also you will find useful references in the Library at www.weedforce.com.au

WILL SPRAYING WITH THESE PRODUCTS AFFECT MY PASTURE?

In general, both Broad Sweep and Renovate herbicides have low impact on established pasture grasses when used in accordance with label directions. Of course there can always be exceptions and it is always a good idea to thoroughly read the product labels and take into account the specific information contained in these important documents and apply to your situation. In relation to clover and other pasture legume species, Renovate & Broad Sweep herbicides can be very damaging and can kill or severely damage stands and prevent re-establishment for many months. When spot spraying broadleaf weeds in pasture the impact is restricted to isolated sprayed areas however if broadcast spraying methods such as boom spraying are being considered, greater consideration should be given to the impact on the pasture composition following spraying. As pasture composition varies widely between properties and geographic regions, it is not possible to make specific comments about the safety

or impact to your pasture however the product labels may provide some information and indicate where more investigation is required before spraying with these products.

HOW LONG DO I HAVE TO WAIT BEFORE RE-ESTABLISHING PASTURE OR OTHER SPECIES BACK ON SPRAYED AREAS?

Both Broad Sweep and Renovate herbicides can remain active in the soil for months following application. Please refer to the product labels to determine sensitivity of various species and the required minimum re-cropping or plant back periods required for you situation

STOCK & PETS:

DO I HAVE TO REMOVE STOCK FROM TREATED AREAS AND IF SO, FOR HOW LONG?

If using Renovate herbicide alone there is a nil withholding period for this product in pasture situations when used as directed and stock may continue to graze where the product has been used in pasture situations.

If using Broad Sweep herbicide the label states DO NOT GRAZE OR CUT FOR STOCK FOOD FOR 7 DAYS AFTER APPLICATION. It is however recommended that stock are removed from the pasture for about 3 days prior to spraying to ensure product efficacy. Best results will be achieved if weeds are allowed to recover from grazing prior to herbicide application to allow for adequate uptake of the product.

Deep rooted perennial weeds like sorrel and docks require substantial leaf growth to allow enough herbicide to enter the plant and translocate to the roots. Certain plants such as bracken are naturally toxic to stock. When toxic plants are present, it is recommended that grazing be delayed until complete browning of treated plants has occurred. The label also advises that as poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down. Many plants remain poisonous after death, and stock should not be allowed to access if there is a likelihood that they may graze the dead material. Such material should be burnt if possible. For the reasons listed above and those specified in the product labels, it is important to use your own discretion before choosing to graze treated areas. Precaution: An increased quantity of poisonous plants may be eaten by stock after spraying. These include, Caltrop, Capeweed, Paterson's Curse and Variegated Thistle and deaths could result from causes such as nitrate poisoning.

WILL THESE PRODUCTS HARM MY PETS/STOCK?

The products contained in the BROAD SWEEP PASTURE Weed Combo are of low to moderate toxicity. Notwithstanding the stock withholding period stated on the label, it makes sense to keep stock away from areas to be treated for some time before and after spraying to maximise the

effectiveness of the herbicide. Another reason that stock should be kept away from treated areas is due to the fact that some noxious weeds may become more palatable after spraying. For pets and other animals the risk is low if access is made to sprayed areas once the spray solution has dried. It is impossible to be absolute as individual sensitivities in animals, like humans, vary between individuals. Before applying these products, users should refer to the product Label and the Safety Data Sheet (SDS) for more detailed information and to determine what is a suitable precautionary exclusion period appropriate to your situation.

RESULTS: I HAVE SPRAYED BROADLEAF PASTURE WEEDS BEFORE AND THE FOLLOWING SEASON, MORE REGROWTH APPEARS. SHOULD THIS HAPPEN? DID I DO SOMETHING WRONG?

Some pasture weeds like sorrel, docks, onion grass, soursob, ragwort, and Paterson's Curse are difficult to control. With many weeds one application may give satisfactory control however any subsequent regrowth and seedlings must be resprayed. Regrowth may occur if the product is applied when plants are stressed, if complete spray coverage is not achieved, or the application was made at the incorrect time for the targeted weeds. If regrowth does occur, re-treatment may be necessary.

IS SPRAYING THE COMPLETE ANSWER TO GETTING LONG

TERM CONTROL OF MY PASTURE WEED PROBLEM?

No, spraying is a tool like others which should be used as an integrated approach to a weed management program. Where appropriate spraying can be combined with other means of weed control such as mechanical methods and grazing. If weeds are removed but the ground allowed to remain bare or sparsely covered with desirable vegetation then weeds will reinvade. Ultimately weeds are best kept at bay by maintaining healthy, vigorous pastures.

HEALTH/SAFETY & THE ENVIRONMENT:

ARE THESE PRODUCTS SAFE?

These products are not classified as Dangerous Goods according to the Australian Dangerous Goods (ADG) Code. Every agricultural chemical (including herbicides) are assessed by the Australian Government by its body APVMA. The APVMA undertakes an extensive review of the herbicides and proposed use patterns before registering for sale and use. This evaluation includes consideration of acute and chronic toxicity, user exposure and safety, environmental impacts and by efficacy. Once the risk has been assessed the APVMA in relation to the above, the product label and Directions For Use which includes precautionary statements and safety directions is approved and deemed to be safe when used in accordance with

IS SPRAYING THE COMPLETE ANSWER TO GETTING LONG

the product label. More information can be found on the APVMA website. Additionally, more detailed information in relation to health, safety and environment can be found in the product Safety Data Sheet which can be found for each product on the Weed Force website.

WHAT PERSONAL SAFETY PRECAUTIONS SHOULD I TAKE WHEN USING THESE TWO PRODUCTS?

Always first refer the safety directions on each product label before using. Each product label contains detailed safety instructions which must be followed. These instructions are listed under the heading SAFETY DIRECTIONS which is included on every agricultural chemical label. As general guidance it is prudent to keep the products out of reach of children, do not get on skin or on clothing, do not get in eyes or mouth as the products can be harmful if swallowed. Avoid breathing vapour or mist. Avoid using product in a manner as to directly, or through drift, expose workers or other persons. Always follow the precautionary statements on the label of the pesticide(s). Personal Protection Equipment (PPE) is available from local agricultural outlets, hardware, and safety equipment suppliers.

Useful safety equipment which is commonly listed on herbicide labels can include:-

- Goggles or a facial splash shield
- Chemical resistant gloves

- Coveralls or long sleeved shirt and long pants; shoes plus socks and
 - Mists filtering respirator
- After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash goggles or face shield, gloves and any contaminated clothing. Always refer to the specific product label of the product you are using to determine the correct personal protection equipment required.

WILL THESE PRODUCTS AFFECT DESIRABLE PLANTS (CROPS, ORNAMENTALS, AND NATIVE VEGETATION)?

Yes, these products can affect non target vegetation if incorrectly applied or applied to or in the vicinity of non-target vegetation. Always refer to the product labels before using. As general guidance DO NOT apply the product, allow spray or spray drift to come in contact with, or drain or flush equipment on or near desirable trees or other plants, or on areas where their roots may extend. As guidance, this is twice their height or more depending on the species and other conditions. Crops susceptible to BROAD SWEEP and Renovate broadleaf herbicide include, but are not limited to: peas, lupins, lucerne, navy beans, peanuts, soybeans and other legumes, cotton, flowers, fruit, hops, ornamentals, shade trees and Pinus spp., potatoes, safflower, sugar beet, sunflowers, tobacco, tomatoes, vegetables and vines. These herbicides can be damaging to susceptible crops

during both growing and dormant periods.

WHERE CAN I FIND OUT MORE INFORMATION ABOUT THESE PRODUCTS IN RELATION TO HEALTH, SAFETY AND THE ENVIRONMENT?

The Product Label, Directions For Use booklet/table, and Safety Data Sheet (SDS) for all products contained in the BROAD SWEEP PASTURE WEED COMBO can be found online at www.weedforce.com.au .

MORE INFORMATION AND RESOURCES:

What resources are there to learn more about these products? Most information you require can be found on either the individual Product labels or the Safety Data Sheets. The product label and Directions For Use are attached to every pack of Herbicide. Both the Product Labels and Safety Data Sheets (SDS) can also be found online at www.weedforce.com.au on the respective product page.



REMEMBER IT IS THE USERS RESPONSIBILITY TO READ THE PRODUCT LABEL AND DFU BEFORE USING THESE PRODUCTS

DISCLAIMER

This brochure is not intended to be a comprehensive detailed source of information nor a substitute for your responsibility to read and follow the product label and directions for use. The information contained in this publication is based on knowledge and understanding and the product labels registered with the APVMA at the time of writing. Applying products at rates, in situations, or are under conditions which not recommended on the product label may cause personal injury, damage to property, damage to desirable vegetation, and reduce yields of crops and pastures, for which Weed Force is not liable. Weed Force does not guarantee that the publication is without error of any kind or is wholly appropriate for your particular purposes and therefore disclaims all liability for any error, loss, damage, or other consequence which may arise from you relying on any information in this publication. As all situations are different, Weed Force is not responsible for providing any advice to you on the appropriate or safe use of the products. By reading this brochure you agree that you rely upon your own skill and judgement, or the skill and judgement of advisers other than Weed Force, in relation to the suitability of the products or their fitness for any purpose for which they may be required.

YOUR LOCAL DISTRIBUTOR:

BROADLEAF WEED CONTROL IN PASTURES

Spraying with herbicides is not the complete answer to getting long term control of a broadleaf weed problem. Herbicides are an important tool like others which should be used in an integrated approach to a pasture weed management program. Where appropriate, spraying can be combined with other means of weed control such as mechanical methods like cutting hay and grazing along with managing the risk of introducing new weeds in external hay and other feed stuffs. If weeds are removed but the ground allowed to remain bare or sparsely covered with desirable vegetation then weeds will reinvade. Ultimately Weeds are best kept at bay by maintaining healthy, vigorous pastures.

ABOUT THE BROAD SWEEP PASTURE WEED COMBO PACK

At Weed Force our promise is summarised by our motto, Simple Effective Affordable. We strive to provide the small lot holder with Simple Effective Affordable solutions for common weed problems. The Broad Sweep Pasture Weed Combo has been designed to make controlling broadleaf weeds in pastures easy! Easy to understand and easy to do. This Combo pack combines the necessary professional herbicides required to effectively control a wide range of broadleaf weeds on your

property. Buy only what you need –the quantities of products are matched so that you are not paying for expensive excess. Information is simple and easy to understand. Weed Force products are also supported with online support and reference materials via its web site at www.weedforce.com.au

ABOUT THIS BROCHURE

This brochure is not intended to be a comprehensive detailed source of information nor a substitute for your responsibility to read and follow the product label and directions for use. It is intended to provide an overview of the products and their uses relating to broadleaf weed control in grass pastures and direct the reader to where more detailed information can be found on the product Labels, Directions For Use booklets, and Safety Data Sheets. NB The Product Label and associated Directions For Use which can be found on every product container are the overriding instructions which must be legally complied with by all users. Label instructions must always take precedence over the information contained in this publication or other sources of information or interpretations. REMEMBER IT IS THE USERS RESPONSIBILITY TO READ THE PRODUCT LABEL & Directions For Use booklet BEFORE USING THESE PRODUCTS

BROADSWEEP PASTURE WEED COMBO-FREQUENTLY ASKED QUESTIONS ABOUT THE COMBO-PACK:

WHY CHOOSE THE BROAD SWEEP PASTURE WEED COMBO?

The BROAD SWEEP PASTURE WEED COMBO has been designed to make broadleaf weed control in pastures easy! Easy to understand and easy to do. It combines the necessary professional herbicides required to effectively control a wide range of broadleaf weeds. Buy only what you need –the quantities of products are matched so that you are not paying for expensive excess.

WILL IT CONTROL ALL BROADLEAF WEEDS?

No, however the combination of BROAD SWEEP, RENOVATE & HOLDFAST is registered to control over 45 of the most common woody & broad leaf weeds. See the weed control table on other side for a full list of the weeds controlled by The BROAD SWEEP PASTURE WEED COMBO PACK.

WHY SHOULD I CONTROL BROADLEAF WEEDS IN MY PASTURES?

Any weed growing in your pastures competes with improved pastures species for light, water, and nutrients. Weedy pastures are not as productive as improved, weed free pastures and so maintaining healthy productive pastures can save you money by

reducing the amount of supplementary feeding necessary with hay and grain. Additionally, some weeds are declared as noxious weeds and there may be a legal requirement to control these weeds if growing on your property. A noxious weed, harmful weed or injurious weed is a weed that has been designated by an agricultural authority as one that is injurious to agricultural or horticultural crops, natural habitats or ecosystems, or humans or livestock. – source Wikipedia. Consult to the appropriate authority in your state to determine which are declared noxious weeds in your area.

TOXIC WEEDS AND STOCK HEALTH/ CAN WEEDS MAKE MY STOCK SICK?

Some pasture weeds can be toxic to stock and pose a real threat to their health, especially horses. These weeds include Paterson's Curse, Capeweed, Bracken, St John's Wort, Ragwort, and Variegated Thistle. Whilst it is important to control these weeds to protect your stock it is also important to understand that many poisonous plants may become more palatable after spraying and stock should be kept away from these plants until they have died down. Many plants remain poisonous after death, and stock should not be allowed access to treated plants, as there is a likelihood that they may graze the dead material. For the reasons listed above and those specified in the product labels, it is important to use your own discretion before choosing to graze treated areas.

WHY DOES THE COMBO KIT CONTAIN THREE SEPARATE PRODUCTS?

The Broad Sweep Pasture Weed Combo contains two herbicides with different weed spectrums, and a high quality penetrant/wetting agent. When combined, these herbicides will control most common broadleaf weeds in pastures. Holdfast penetrant facilitates maximum entry and uptake of the herbicides into the weeds to result in the best possible control.

DO I ALWAYS HAVE TO MIX THESE PRODUCTS TOGETHER?/CAN I USE THE PRODUCTS SEPARATELY?

If you have identified specific target weeds it may not be necessary to tank mix both Broad Sweep and Renovate herbicides. If you have a variety of weeds the tank mix will provide the broadest range control of over 45 different broad leaf weeds. Generally Holdfast wetting agent & penetrant should always be added for best results however always refer to the product labels to determine the correct recommendation for your situation.

WHAT IF I HAVE SOME WOODY WEEDS THAT I WANT TO CONTROL. CAN I USE THESE PRODUCTS TO CONTROL THEM?

Renovate herbicide when tank mixed with Holdfast penetrant and wetting agent is also very effective at controlling a range of woody

RENOVATE BROADLEAF & WOODY WEED HERBICIDE

Controls certain Woody and broadleaf weeds in native pastures, rights of way, commercial and industrial areas and various other situations as listed on the product label. RENOVATE is a selective herbicide which is rapidly absorbed by root and leaves. Renovate is especially effective for controlling blackberry & bracken and tough broadleaf weeds such as docks, sorrel, ragwort and soursob.



weeds including blackberry, bracken, and other woody as listed on the Renovate product label. Refer to the Renovate herbicide product label for more information. Broad Sweep has little or no activity on woody weeds so it is not necessary to apply a tank mix when only targeting woody weeds.

HOW LONG DOES IT TAKE TO SEE RESULTS?

The time for effects to show will depend on a number of factors including time of the year, application method and vigour of the weeds at the time of spraying. If applying Renovate and Holdfast alone to well established perennial broadleaf weeds such as docks, sorrel, and soursob (oxalis), it may take several months for advanced symptoms to occur. Often good weed control requires patience as a slow kill is often associated with a good kill.

CAN I EXPECT 100% CONTROL AFTER SPRAYING?

This will depend on the weeds targeted and the conditions at the time of spraying. Under optimum conditions for growth and spraying, many weeds may be controlled satisfactorily with one application however many well established stands of tough established perennial broadleaf weeds like docks, sorrel, and soursob (oxalis) may need a programmed approach over time to achieve complete control. Regrowth may occur if the product is applied at a time which is not optimum for control, if applied when plants are stressed,

or if complete spray coverage is not achieved. If regrowth does occur, re-treatment at the rates on the product label is recommended. Re-treatment should only be undertaken if plants have grown back and are in a healthy condition when they are most susceptible to the herbicides. Often this will mean that retreatment should not occur until the following year. As a general rule, if weeds have been previously sprayed with other herbicides or if the weeds have been burned, slashed or heavily grazed ensure that weeds have grown back with significant leaf area before treating with these products. Retreating too soon after the initial treatment may increase the risk of pasture damage from the herbicides. To achieve best results following application it is advisable to not disturb the weeds by cutting or grazing for a week or so after spraying.

USE & APPLICATION:

HOW DO I GET THE BEST RESULTS?

- Have I correctly identified the target weed(s)?
- Is the weed at the optimum growth stage or size to be sprayed?
- Is the time of year correct to spray?
- Have I selected the correct herbicide and application rate?
- Do I have equipment capable of applying the product accurately and uniformly at the correct rate?
- Have I considered the potential for

off target impact ie spray drift risk and the proximity of sensitive vegetation or crops? Reading the Product Label can help to answer most of the above questions. Following are some additional factors to consider to achieve optimum results :-

- Best results are achieved when application is made to actively growing plants which are not stressed by any factors such as dry weather conditions, waterlogging etc. Application to weeds that are not actively growing due to adverse conditions may result in poor weed control with weeds only being stunted or suppressed.
- Penetration of thick clumps may be difficult and respraying may be necessary.

Spray marking dyes can be added to the spray tank to help keep track of where you have sprayed.

Always add a wetting agent/Penetrant like HOLDFAST Penetrant & Wetting Agent when directed by the product label.

HOW DO I KEEP TRACK OF WHERE I HAVE SPRAYED ?

Spray marking dyes can be added to the spray tank to help keep track of where you have sprayed. You can find more information about suitable spray marking dyes on the Weed Force web site.

BROAD SWEEP BROADLEAF HERBICIDE

BROAD SWEEP broadleaf herbicide controls a wide range of broadleaf weeds in grass based pastures, turf, non-crop areas and various other situations as listed on the product label. BROAD SWEEP herbicide is especially effective for controlling thistles and a wide variety of broadleaf weeds which commonly grow in pastures.



WHAT IS THE BEST TIME TO TREAT BROADLEAF WEEDS IN PASTURES?

Generally speaking, weeds are easier to control when they are young and small. Often, weeds in pastures are not treated until they become obvious around flowering and often this is too late to achieve the most effective control. Thistles and ragwort for example, are best treated in the rosette to cabbage stage when plants are actively growing before they run up to flower. Best results are achieved when application is made to actively growing plants. Weeds need to be actively growing for herbicides to have optimum effect. Often the label will give advice for the optimum timing of application for specific weeds. Always refer to the label for specific recommendations for each weed. Some weeds have specific growth periods during which weeds are more susceptible to herbicides which results in better control. For example the label states for the following weeds:-

- Onion Grass: Apply RENOVATE at bulb exhaustion usually late June/ July before the onset of brownning off caused by Helminthosporium fungus.
- Sour sob: Apply RENOVATE For best results apply before flowering. Use the higher rate on dense stands.
- Ragwort: Apply RENOVATE at the rosette to cabbage stage when plants are actively growing. It is essential that you refer to the product label, especially the critical comments in the Directions For Use

table to determine the best timing and growth stage to treat your specific weeds. As a general rule, herbicides should not be applied to weeds which may be stressed (not actively growing) due to prolonged periods of extreme cold, moisture stress (water-logged or drought affected), poor nutrition, presence of disease, damage or previous herbicide treatment, as reduced levels of control may result.

WHAT IF THE WEEDS HAVE BEEN SPRAYED PREVIOUSLY OR CONTROLLED USING MECHANICAL MEANS?

In situations where weeds have previously been bulldozed, slashed, burnt, ploughed or areas having a previous chemical treatment, delay treatment until all regrowth has had time to grow to and put on a reasonable amount of vegetative or leaf matter. Without leaf matter to absorb and translocate the herbicide to the roots, poor control will result..

HOW DO I DETERMINE HOW MUCH OF THE PRODUCTS IN THE BROAD SWEEP PASTURE WEED COMBO TO USE?

Read the product label on each product to determine the correct rate of product for your situation. You will find this information in the Directions For Use booklet supplied with each product. A rate example can be found in the table which is provided as an example only. This can be found on the other side of this brochure. It is essential that you

HOLDFAST PENETRANT & WETTING AGENT

HOLDFAST penetrant and wetting agent is a highly effective wetter/spreader/penetrant. It is effective with most agricultural chemicals unless otherwise stated on label.

When added to Broad Sweep & RENOVATE as directed on the product label, Holdfast improves wetting and penetration to result in superior weeds control especially of tough, difficult to wet and penetrate broadleaf and woody weeds.



quantities of Renovate herbicide can be measured using a small measure cup graduated in millilitres using the calibration scale provided on the pack. If you have access to scales that can weigh small amounts, this will be a more accurate way to measure. NB It is important to apply the products accurately. Application rates in excess of that recommended on the label can cause damage to pasture and non-target species and may prevent regrowth of such for many months.

HOW DO I APPLY THE PRODUCTS? HOW MUCH SPRAY MIX DO I APPLY?

These products may be applied by knapsack, hand gun, boom spray or other methods as directed on the product label and Directions for Use leaflet. These documents are attached to each product container. For hand application using a knapsack or handgun, it is essential to ensure thorough coverage. The use of a suitable dye will allow the operator to see which plants have been treated. When hand spraying, using an adjustable spray nozzle can be useful to select an appropriate spray pattern for the target weeds. Adjustable nozzles are available as an accessory for most professional quality knapsacks. Thorough coverage of foliage to the point of run-off is essential, however, avoid excess spraying which is wasteful of chemical. If using a boom spray use a properly calibrated sprayer at constant speed and rate of delivery to obtain thorough coverage and a uniform spray pattern and rate of application over the area to be treated. NB It is important to apply the products accurately.

Application rates in excess of that recommended on the label can cause damage to pasture and non-target species and may prevent regrowth of such for many months.

More detailed information on applying the products can be found on the product label and Directions for Use leaflet attached to each product container.

WHAT IF RAINFALL IS LIKELY AT THE TIME OF SPRAYING?

Do not spray with these products if rainfall is expected within 4 hours or if foliage is wet from rain or dew.

SPRAYER CLEAN-UP/ HOW DO I CLEAN MY SPRAYER AFTER USE?

Many plant species are sensitive to low concentrations of herbicide. For this reason it is important to thoroughly clean spray tanks after use as small quantities of product remaining in the tank may cause injury to desirable pastures and crops if the tank is used for other spraying procedures. Always refer to the product label for specific instructions relating to each herbicide. There are commercial tank cleaners available which may also be suitable to decontaminate your spraying equipment. See the Weed Force website for more details. Refer to the product label to determine how to treat or dispose of any rinsings or contaminated water from the cleaning operation.

Broad Sweep Pasture Weed Combo Measure Guide – gram to mL conversion table **

The Renovate label recommends rates in grams. The following table can be used as a guide to measure Broad Sweep and Renovate herbicides for broadleaf weed control using common measure cups graduated in millilitres (mL). If you have access to scales that can weigh small amounts, this will be a more accurate measure. The example used below is for Weed control using hand gun application. Always add a wetting agent or penetrant as directed on the product label.

Hand Gun Application Example*	Broadleaf Weeds	Broadleaf Weeds	Always add Wetting Agent or Penetrant*	Coverage*
Water Volume	Broad Sweep Quantity*	Renovate Quantity*	eg Holdfast Penetrant & Wetting Agent Use higher rate for Woody Weeds.	
15 litres	60ml – 100ml	2ml – (= 1gm)	15 – 30 ml	Spray to thoroughly wet but not cause runoff.
50 litres	135ml – 235ml	3ml – 6ml (= 2gms-4gms)	50 – 100 ml	Evenly apply the spray mixture.
100 litres	270 ml – 470ml	8ml – 13ml (= 5gms-7.5gms)	100 – 200 ml	

Use Higher rate on larger weeds* to control weeds*

* example only - always read the label prior to using to determine the correct application method and rate for your situation.

** Measure accuracy +/- 10% (Use scales where greater accuracy is required).

* NB It is important to apply this product accurately. Application rates in excess of that recommended on the label can cause damage to pasture and non-target species, and may prevent regrowth of such for many months.

5ml measure spoon enclosed.
1 level 5ml measure spoon equals approx. 3g Renovate herbicide.

