



Best Wool Best Lamb  
Weed Control Options 2010

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- Due to pastures thinning during dry spells and poor seed sets more & more bare ground is present in pastures
- This bare ground has seen new weeds such as Heliotrope, melons & goosefoot over summer and marshmallows capeweed and silver grass etc during the autmun

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- Weed control needs to be planned to coincide with a pasture renovation or cropping program to achieve best outcomes
- Summer weeds have proven to be the most important weeds to control in cropping areas due to the large amount of moisture and nutrients used by the weeds

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- Heliotrope, Hogweed, Prickly lettuce & melons are the main culprits over summer, new weeds such as Fleabane and Witch Grass are now raising their ugly heads as very tough weeds to kill and resistance potential to Glyphosate
- Best results are achieved and maximum moisture retained when weeds are sprayed 2 -3 weeks post rain event – a respray may be required !

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- Climatic Conditions during summer spraying is critical for success
- Spray only when a Delta T of 4 – 6 is present ( 20 degrees C with a relative humidity of 65 % = Delta T of 4 )
- Best conditions normally during the early morning before sunrise ( Websites available to forecast these conditions )

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- A Kestrel 4500 T meter can determine the Delta T and wind speed etc
- Use nozzles that produce a coarse droplet to ensure all active ingredient hits the target area
- It is now a legal requirement to apply all Amine based products with coarse droplets

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- The adjuvant package used has as much impact as the climatic conditions
- Best results are achieved when an acidifying wetter such as LI 700, Ammonium Sulphate and Kwicken ( oil ) are used with Glyphosate
- Garlon is the only choice for Melons
- The addition of Surpass etc will aid in Roly Poly, Bathurst Burr & Goosefoot control

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- 2,4D Ester 680 LV can be used in non Chemical Control areas and is a useful spike for Marshmallows, Burrs and most broadleaf weeds
- Residual prodcuts such as Glean, Ally & Logran and Hotshot are very useful when spraying early to control subsequent germinations – Check Plantback Periods

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- Try to incorporate cultural methods such as cultivation and grazing where suitable
- If soil cover is greater than 50 % and no cropping program is planned then control may not be warranted – But they will set seed !!!

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- Winter Weeds
- Silver Grass, Barley Grass & Brome Grass are very invasive and cause animal health issues
- Usually invade slow growing depleted pastures – Best to renovate with Brassica / Legume crops as many herbicide options are available – Very few options in cereals

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- Capeweed, Erodium, Marshmallow's caused by same issue of poor ground cover over summer
- Spray sooner rather than later to get best results – weeds no bigger than bread & butter plate
- Vigourous pastures or crops are needed to suppress weed growth

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- Spray Graze technique very effective on broadleaf weeds in autumn
- Climatic conditions not so important but still need to be observed as the reverse from summer spraying occurs
- Monitor insect populations and spray only when damage is economically viable
- Blanket spraying insects not recommended

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