

sprinter[®]

700 DS



Nufarm

Grow a better tomorrow.

Sprinter[®] 700DS is the latest innovative pastoral herbicide from Nufarm that helps NZ farmers maximise pasture production and productivity.

Sprinter 700DS is an easy to use, non-volatile, 2,4-D formulation that effectively controls a wide range of broadleaf weeds in established pasture, including seedling ragwort, docks and thistles.

Key Product Features:

- High strength liquid 2,4-D amine formulation
- Non-volatile – no risk to sensitive crops from vaporisation
- Unique dual salt formulation -- ability to have a high active load without the risk of crystallisation during cooler weather conditions
- Safer on clover than traditional 2,4-D ester (EHE) formulations
- More flexible application periods than 2,4-D EHE. Ability to target weeds at the correct growth stage throughout the year
- Compatible with a wide range of herbicides, fungicides and trace elements.

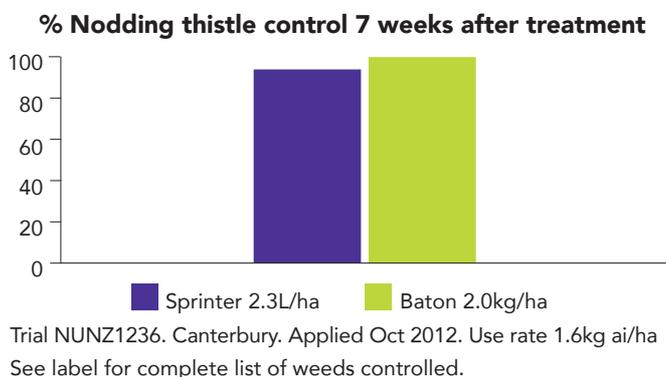
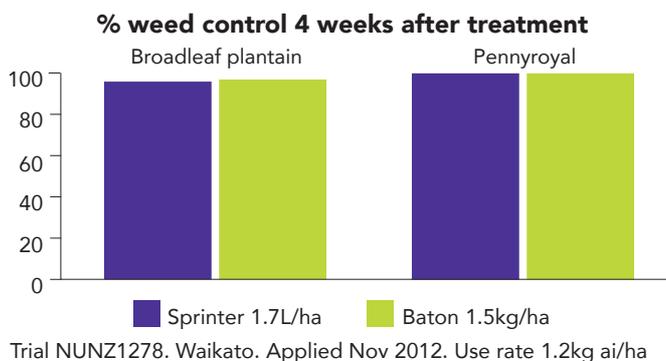
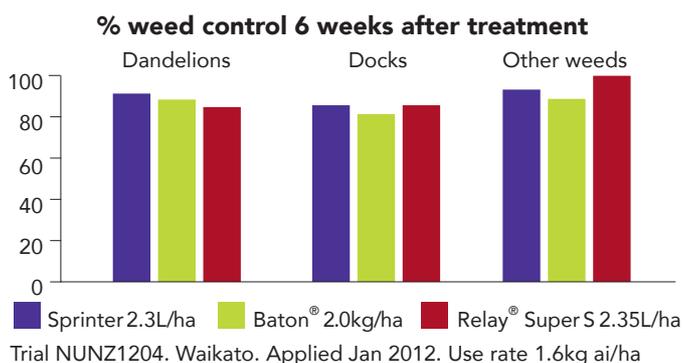
How Sprinter 700DS works

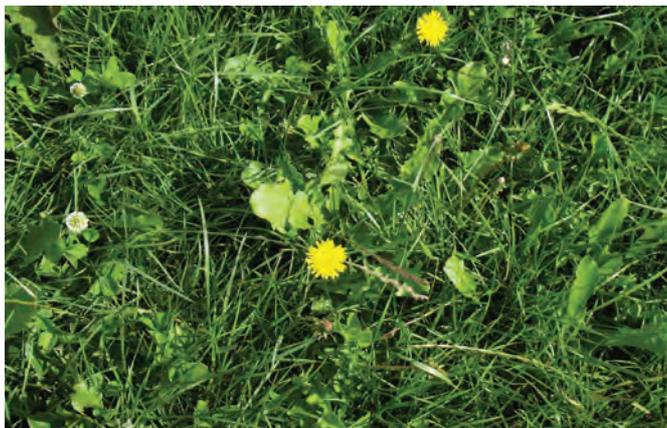
Sprinter 700DS contains 700g/L 2,4-D as the dimethylamine and monomethylamine salts, in the form of a soluble concentrate. **Sprinter 700DS** is absorbed mainly through the foliage of the plant and is translocated to the root and shoot growing points providing a more consistent kill. It interferes with cell division and elongation, causing twisting, swelling, brittleness and plant death. **Sprinter 700DS** will have less effect if the plants are not actively growing, so avoid spraying during cold frosty weather.



Excellent weed control

Sprinter 700DS is highly effective at controlling a wide range of broadleaf weeds in established pasture.





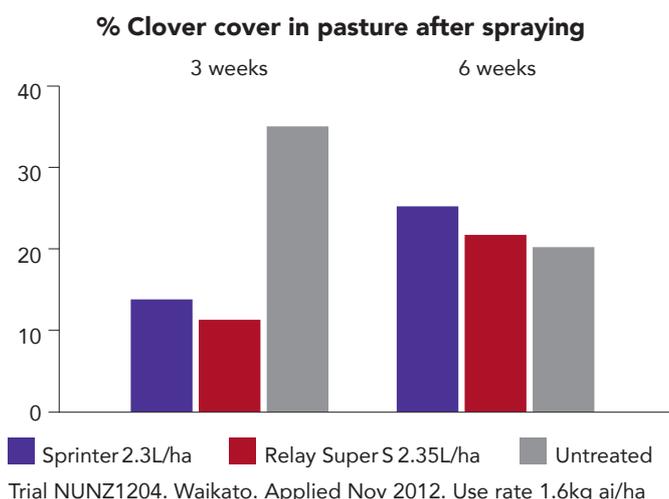
Untreated



Sprinter 700DS 1.7L/ha 4 weeks after spraying

Less clover damage

Sprinter 700DS will cause less clover damage than 2,4-D EHE formulations. The clover will recover faster to provide a greater contribution to pasture production.



Application

Apply **Sprinter 700DS** after the main weed germination, but before the weeds have become too large. Weeds should be at the seedling to small rosette stage when sprayed. For best results it is important to graze the paddock before spraying to reduce the clover leaf area and expose the weeds. Then wait for three to seven days for weeds to freshen. Do not spray paddocks shut up for hay or silage.

To get maximum weed control when using **Sprinter 700DS** it is important to ensure complete coverage of the foliage. Within reason higher water rates are better; ground application – 100 to 300L water/ha, aerial minimum 40 - 50L water/ha.

Rainfastness

Rain within six hours of application may reduce effectiveness.

Withholding period and grazing

There is no prescribed withholding period for keeping stock out of 2,4-D treated pasture. However, once the area has been sprayed, delay grazing for about 10 - 14 days as early grazing can reduce the level of weed control. Some poisonous plants (e.g. ragwort) may become more palatable to stock when sprayed, so stock should be kept away from the area until the plants have died down.

Plant back period

Sprinter 700DS has soil activity, which can be exacerbated by dry soil conditions. To ensure that susceptible species (e.g. brassicas, clovers and grasses) are not damaged by soil residues do not plant for four weeks after application.

Compatibility

Sprinter 700DS is compatible with most other agricultural chemicals, including **Archer®**, **Associate® 600WDG**, glyphosate, **Kamba® 500** and **Valdo® 800WG**.

Key Benefits

- High strength
- Easy to mix liquid
- Offers a flexible application period
- Safer on clovers
- Excellent compatibility

CROP	RATE L/ha	NOTES
Wheat Barley Millet Ryecorn	1.2 - 1.8	Apply from 6 leaf stage to jointing (when nodes are visible at the base of the stem). Do not apply to wheat or barley between jointing and flowering. Rapidly growing spring sown cereals should be treated with Agritone® 750 . Critical comment: Application to crops outside recommended growth stages or crops stressed due to insect damage or moisture stress may cause serious injury including yield loss. Inspect crops before application to check condition and growth stage.
Oats	1.2	Use only on autumn sown oats and treat in the following spring when plants are fully tillered. Use Agritone 750 on spring sown oats.
Pasture	1.8 - 3.6	Use 1.8L/ha for seedlings and small plants and 3.6L/ha for more mature plants. Treat seedling weeds in late autumn/ early winter. Graze area to be treated to expose weeds and reduce clover leaf. Then leave for 1 week to freshen up before spraying. As treated weeds are more palatable to stock, avoid grazing for 7 days after spraying.

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