

Kamba[®] 500 in Plantain



Plantain has become a popular forage crop in NZ due to its good dry matter production and animal productivity. It has environmental benefits as well, with 'Ecotain' (a variety of plantain), having been shown to decrease nitrogen losses to the environment in grazing situations.

Currently there are few herbicides registered in NZ for broadleaf weed control in plantain. Kamba 500 (500g/L dicamba) is now registered for use in plantain crops.

Tips for success

- Apply Kamba 500 at 600ml/ha
- Newly sown plantain should be at the 2-4 true leaf stage
- Weeds at the cotyledon -4 leaf stage for best control
- Do not spray if rain is likely within 6 hours

Efficacy

Kamba 500 will provide excellent broad spectrum weed control. It can be safely applied at an early timing of crop growth ensuring the weeds are controlled before they seriously compete with the plantain. Application to established plantain swards can also be made if required.

Crop safety

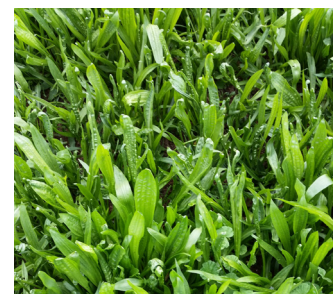
Some curling/twisting of the leaves and stunting of the plantain will occur after spraying with Kamba, but the plantain will recover without plant losses. Plantain growth after the 1st grazing will be normal.



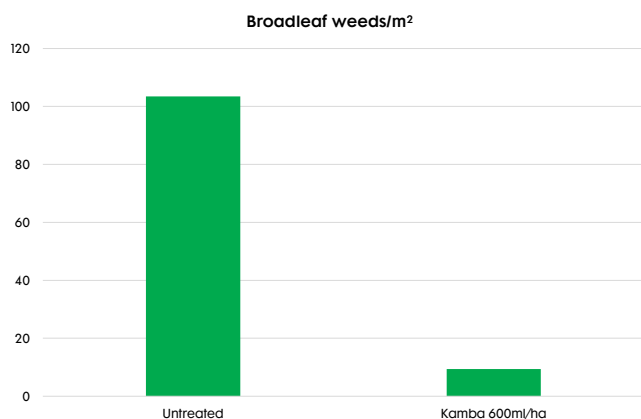
Plantain 4 DAT



Trial NUNZ1369 22 DAT - Untreated plots clearly visible

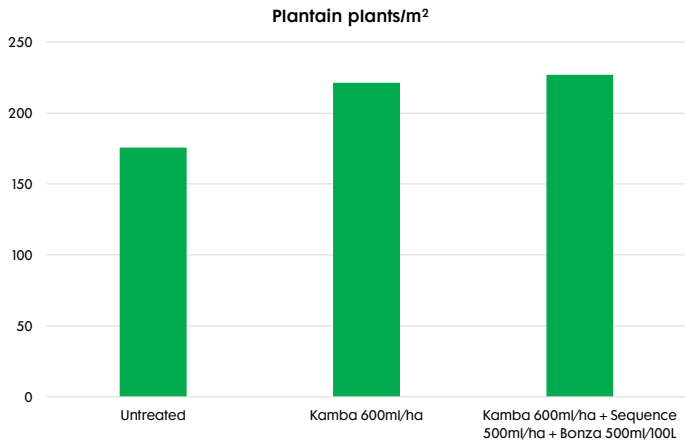


Trial NUNZ1707 25 DAT
Left: untreated Right: treated with
Kamba 500 at 600ml/ha

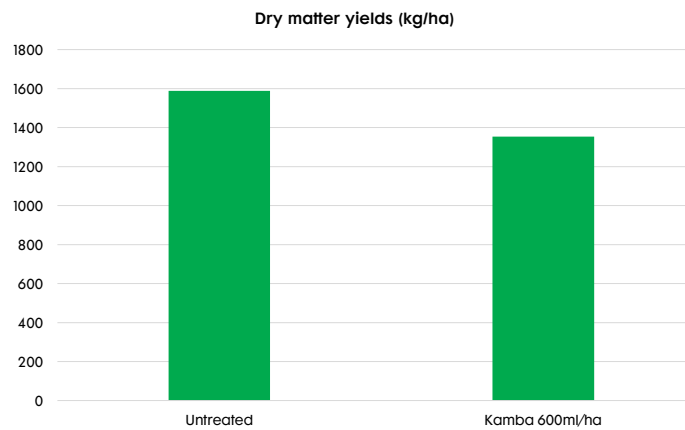


Trial NUNZ1369 Tonic plantain
Planted late Oct 2013 • Sprayed 25 Nov 2013 • Counts 21 DAT*

*days after treatment



Trial NUNZ 1369 Tonic plantain
Planted late Oct 2013 • Sprayed 25 Nov 2013 • Counts 21 DAT



Trial NUNZ 1356 Tonic plantain
Planted early Oct 2013 • Sprayed 4 Nov 2013 • Yields assessed 39 DAT
Regrowth in Kamba plots after grazing visually same as untreated.

Plantain varieties

Kamba label states it has only been tested over 'Tonic' and 'Boston' and advises caution with other varieties. More testing has since been done and Kamba can also be safely used over 'Agritonic' 'Ecotain' and 'Hercules'. Based on this it is likely that Kamba will be safe over all plantain varieties.

Tank mixes

Most farmers will want grass weeds controlled as well as broadleaf weeds in their new plantain crops. Reduced grass weed control has been recorded when dicamba products are tank mixed with grass weed herbicides. The Kamba label states "Antagonism of Kamba 500 and grass selective herbicides such as SeQUENCE® and Crest® 520 has been recorded so the grass herbicide should normally be applied as a separate operation". Nufarm has observed issues in trials with Crest but not with SeQUENCE. Similarly, Nufarm is not aware of any issues with Kamba + SeQUENCE + Bonza tank mixes in the field to date. However, there is a chance that reduced grass weed control may occur with this tank mix. Broadleaf weed control will be unaffected.

Stock withholding period

Do not graze within 14 days after spraying.

Use Directions

Crop	Rate / Ha	Notes
Plantain	Apply 600ml/ha in 150-200 litres of water	<p>Once the crop has reached the 2-4 true leaf stage and weeds are at the cotyledon to 4 leaf stage.</p> <p>Ensure thorough coverage of weeds.</p> <p>Do not spray under cold, slow growing conditions. Active growth is important to optimise recovery from herbicidal effects. Some initial growth suppression or leaf twisting may occur. Avoid swath overlaps.</p> <p>Kamba 500 has been tested on the varieties "Tonic" and "Boston". Selectivity to other varieties may vary and it is recommended that only small areas of new varieties are sprayed to confirm they are tolerant, before treating widely. Seek advice of seed company or Nufarm representatives when treating new varieties or seed crops.</p>

For other crops please refer to the product label or contact your local Nufarm representative.

The information contained is a quick reference only. Always consult the product label before use.
 © Kamba 500 and SeQUENCE are registered trademarks of Nufarm Australia Ltd.
 © Crest 520 is a trademark of Nufarm Limited
 © Nufarm NZ 2018