

# TECHNOTE RELIABLE CONTROL OF TOUGH WEEDS

## THE PRODUCT

**Bentazone 480g/L (present as sodium salt) as a soluble liquid (SL) formulation**

**Group C herbicide**

**Available in a 20L pack size**

## CROP REGISTRATIONS

Dictate® 480 is registered in a diverse range of crops, including soybeans, peanuts, green (dwarf french) beans, navy (haricot) beans, red kidney beans and red Mexican beans.

## BENEFITS

A post emergence herbicide for selective control of certain broadleaf weeds including:

- Anoda weed (*Anoda cristata*)
- Annual ground cherry (*Physalis angulata*)
- Apple of Peru (*Nicandra physalodes*)
- Bellvine (*Ipomea plebeia*)
- Black bindweed (*Polygonum convolvulus*)
- Blackberry nightshade (*Solanum nigrum*)
- Cobbler's pegs (*Bidens pilosa*)
- Corn spurry (*Spergula arvensis*)
- Fat hen (*Chenopodium album*)
- Fumitory (*Fumaria muralis*)
- Hairy wandering jew (*Commelina benghalensis*)
- Hedge mustard (*Sisymbrium officinale*)
- Noogoora burr (*Xanthium pungens*)
- Shepherd's purse (*Capsella bursa-pastoris*)
- Star burr (*Acanthospermum hispidum*)
- Thornapples (*Datura* spp.)
- Variegated thistle (*Silybum marianum*)
- Wild radish (*Raphanus raphanistrum*)
- Wild turnip (*Brassica rapa campestris*)

Refer to the Dictate 480 label for weeds controlled in specific crops.

For more information on Dictate 480, contact your local Nufarm Area Sales Manager.

[nufarm.com.au](http://nufarm.com.au)

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## APPLICATION

**Ground:** As Dictate 480 is a contact herbicide, thorough coverage is essential. Apply in 220-440L water per ha.

**Aerial:** Apply in a minimum of 50L water per ha.

**WARNING:**

DO NOT apply under hot and dry conditions.

DO NOT apply under strong or gusty wind conditions (more than 5 knots) as striping will occur.

DO NOT apply if rainfall is expected within 8 hours.

Application is not recommended to crops suffering from stress induced by drought, water logging, hail damage, frost or injury from other pesticides as crop injury may occur.

## WETTING AGENT

In general, the addition of a wetter does not improve control of weeds. However, with less susceptible weeds or if spray coverage is less than optimum the addition of BS1000 may improve control.

In Tasmania (only) a non-ionic wetting agent such as BS1000 at 125mL/100L of the volume should be added when Dictate 480 is sprayed on navy (haricot) beans and green (dwarf french) beans.

## WITHHOLDING PERIODS

**Peanuts:** do not harvest for 21 days after application.

**Broad beans, green beans:** do not harvest for 5 weeks after application.

**Navy beans, red kidney beans, red Mexican beans, soybeans:** do not harvest for 8 weeks after application.

## CROP SAFETY

**Green beans, navy beans, red kidney beans, red Mexican beans:** Beans are tolerant of Dictate 480 after the first two trifoliolate leaves are fully expanded. There may be leaf scorch but this will not affect yields. DO NOT apply unless two trifoliolate leaves are present except as per directions for use in Tasmania on green beans or severe damage may result. When used in Tasmania DO NOT apply after flower bud formation.

**Peanuts:** Apply after the crop is 12cm high.

**Soybeans:** Soybeans are tolerant of Dictate 480 at all stages of growth. Mild leaf scorching may occur but will not affect yield.

