

Hairy senna

Senna hirsuta



Photos courtesy Colin Wilson

Native to America, hairy senna was probably introduced as an ornamental and was first recorded in Queensland in 1959. The plant readily invades disturbed areas such as roadsides, fence lines, creek banks, grazed pastures and the edges of rainforest.

Declaration details

Hairy senna (sicklepod) is declared Class 2 under the *Land Protection (Pest and Stock Route Management) Act 2002*. Declaration requires landholders to control declared pests on the land and waters under their control. A local government may serve a notice upon a landholder requiring control of declared pests.

Description and general information

Perennial shrub to 3 m high. Single or multi-stemmed, becoming woody with age.

Pinnate leaves with 2–6 pairs of hairy leaflets 4–9 cm long. Ribbed leaf stalk has a prominent conical gland at the base.

Yellow flowers are clustered in groups of 5–8 on the upper branches. Hairy, cylindrical pods 10–14 cm long each contain 50–90 round dull seeds.



Queensland Government

Control

Manual control

Hand pull seedlings and small plants when the soil is wet. If plants are cut down, the stump must be immediately treated with a suitable herbicide as the shrub will otherwise reshoot.

Herbicide control

There is no herbicide currently registered for control of hairy senna in Queensland; however, there is an off-label use permit (Permit No. PER11463) that allows the use of various herbicides for the control of environmental weeds in non-agricultural areas, bushland, forests, wetlands, and coastal and adjacent areas.

See Table 1 for treatment options allowed by the permit.

It is important to note that specific research on the use of herbicides to control hairy senna has not been undertaken to date. Therefore, the treatment options outlined in Table 1 are suggestions only, based on registered controls for similar weeds in non-agricultural areas and the specifications of PER11463. As such, their effectiveness cannot be guaranteed.

Prior to using the chemicals listed under PER11463 you must read or have read to you and understand the conditions of the permit. To obtain a copy of this permit contact your local council weed inspector or visit www.apvma.gov.au

It is a requirement of the permit that all persons using products covered by this off-label permit comply with the details and conditions listed in the permit. Permit number PER11463 expires on 30 June 2014. While the permit may be extended beyond this date, there is no guarantee that it will, so contact your local council weed inspector for the latest information after the expiry date.

Follow up

Monitor treated areas regularly for any new seedlings or regrowth.

Further information

Further information is available from your local government office, or by contacting Biosecurity Queensland (call 13 25 23 or visit our website at www.deedi.qld.gov.au).

Table 1. Herbicides registered for the control of hairy senna

Method	Herbicide	Rate	Registration status	Comments
Spot spray	Triclopyr (300 g/L) + picloram (100 g/L)	350 ml to 500 ml per 100 L water plus wetting agent	APVMA permit PER11463 Permit expires 30/06/2014	Read permit carefully prior to use
Cut stump or basal bark spray	Triclopyr (240 g/L) + picloram (120 g/L)	1 L per 60 L diesel	APVMA permit PER11463 Permit expires 30/06/2014	Read permit carefully prior to use

Read the label carefully before use. Always use the herbicide in accordance with the directions on the label.

Source: PER11463

Fact sheets are available from Department of Employment, Economic Development and Innovation (DEEDI) service centres and our Business Information Centre (telephone 13 25 23). Check our website at www.deedi.qld.gov.au to ensure you have the latest version of this fact sheet. The control methods referred to in this fact sheet should be used in accordance with the restrictions (federal and state legislation, and local government laws) directly or indirectly related to each control method. These restrictions may prevent the use of one or more of the methods referred to, depending on individual circumstances. While every care is taken to ensure the accuracy of this information, DEEDI does not invite reliance upon it, nor accept responsibility for any loss or damage caused by actions based on it.