

Golden dewdrops

Duranta erecta



Native to tropical America, golden dewdrops was introduced to Australia as an ornamental. It now invades disturbed areas of native vegetation and road embankments and is spread long distances by birds and the dumping of garden refuse.

Declaration details

Golden dewdrops is a not declared plant under the *Land Protection (Pest and Stock Route Management) Act 2002*; however, plants that are not declared under state legislation may have control requirements imposed by local governments.

Description and general information

Golden dewdrops is a vigorous shrub or small tree to 7 m high. It has drooping, spiny branches and leaves that are opposite, stalked, egg-shaped and 2–8 cm long.

Blue tubular flowers around 1 cm long occur in sprays up to 20 cm long develop into bright yellow round fruits 5–10 mm across.

Control

Manual control

Hand pull seedlings and small plants, making sure you remove all the roots. Try to limit seed setting of larger plants until infested areas can be treated with herbicide. If plants are cut down, the stump must be immediately treated with a suitable herbicide or the shrub will reshoot.



Herbicide control

There is no herbicide currently registered for control of golden dewdrops 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 golden dewdrops 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 should be monitored 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 golden dewdrops

Method	Herbicide	Rate	Registration status	Comments
Spot spray young plants (less than 2 m)	Metsulfuron-methyl (600 g/kg)	10 g per 100 L water plus wetting agent	APVMA permit PER11463 Permit expires 30/06/2014	Read permit carefully prior to use
Spot spray young plants (less than 2 m)	2,4-D (300 g/L) + picloram (75 g/L)	1 L per 100 L water plus wetting agent	APVMA permit PER11463 Permit expires 30/06/2014	Read permit carefully prior to use
Spot spray	Fluroxypyr (200 g/L)	500 ml to 1 L per 100 L water	APVMA permit PER11463 Permit expires 30/06/2014	Read permit carefully prior to use
Basal bark or cut stump	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
Basal bark	Fluroxypyr (200 g/L)	35 ml per 1 L diesel/ kerosene	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.