

Bellyache bush (*Jatropha gossypifolia*)



Declaration (C= Declaration

(Code: C= City; S=Shire; T=Town)

Category : P1

Location : for the whole of the State

Category : P2

Location : For the municipal districts of Albany (C), Armadale (C), Augusta-Margaret River (S), Bassendean (T), Bayswater (C), Belmont (C), Beverley (S), Boddington (S), Boyup Brook (S), Bridgetown-Greenbushes (S), Brookton (S), Broomehill (S), Bruce Rock (S), Bunbury (C), Busselton (S), Cambridge (T), Canning (C), Capel (S), Carnamah (S), Chapman Valley (S), Chittering (S), Claremont (T), Cockburn (C), Collie (S), Coolgardie (S), Coorow (S), Corrigin (S), Cottesloe (T), Cranbrook (S), Cuballing (S), Cue (S), Cunderdin (S), Dalwallinu (S), Dandaragan (S), Dardanup (S), Denmark (S), Donnybrook-Balingup (S), Dowerin (S), Dumbleyung (S), Dundas (S), East Fremantle (T), Esperance (S), Fremantle (C), Geraldton (C), Gingin (S), Gnowangerup (S), Goomalling (S), Gosnells (C), Greenough (S), Harvey (S), Irwin (S), Jerramungup (S), Joondalup (C), Kalamunda (S), Kalgoorlie/Boulder (C), Katanning (S), Kellerberrin (S), Kent (S), Kojonup (S), Kondinin (S), Koorda (S), Kulin (S), Kwinana (T), Lake Grace (S), Laverton (S), Leonora (S), Mandurah (C), Manjimup (S), Meekatharra (S), Melville (C), Menzies (S), Merredin (S), Mingenew (S), Moora (S), Morawa (S), Mosman Park (T), Mount Magnet (S), Mount Marshall (S), Mukinbudin (S), Mullewa (S), Mundaring (S), Murchison (S), Murray (S), Nannup (S), Narembeen (S), Narrogin (S), Narrogin (T), Nedlands (C), Ngaanyatjarraku (S), Northam (S), Northam (T), Northampton (S), Nungarin (S), Peppermint Grove (S), Perenjori (S), Perth (C), Pingelly (S), Plantagenet (S), Quairading (S), Ravensthorpe (S), Rockingham (C), Sandstone (S), Serpentine-Jarrahdale (S), Shark Bay (S), South Perth (C), Stirling (C), Subiaco (C), Swan (S), Tambellup (S), Tammin (S), Three Springs (S), Toodyay (S), Trayning (S), Upper Gascoyne (S), Victoria Park (T), Victoria Plains (S), Vincent (T), Wagin (S), Wandering (S), Wanneroo (S), Waroona (S), West Arthur (S), Westonia (S), Wickepin (S), Williams (S), Wiluna



(S), Wongan-Ballidu (S), Woodanilling (S), Wyalkatchem (S), Yalgoo (S), Yilgarn (S), York (S).

Category : P4

Location : For the municipal districts of Ashburton (S), Broome (S), Carnarvon (S), Derby-West Kimberley (S), East Pilbara (S), Exmouth (S), Halls Creek (S), Port Hedland (T), Roebourne (S), Wyndham-East Kimberley (S).

Standard Control Codes (these may vary for individual plants)	
P1 REQUIREMENTS Prohibits movement	The movement of plants or their seeds is prohibited within the State. This prohibits the movement of contaminated machinery and produce including livestock and fodder.
P2 REQUIREMENTS Aim is to eradicate infestation	Treat all plants to destroy and prevent propagation each year until no plants remain. The infested area must be managed in such a way that prevents the spread of seed or plant parts on or in livestock, fodder, grain, vehicles and/or machinery.
P4 REQUIREMENTS Aims to prevent infestation spreading beyond existing boundaries of infestation	The infested area must be managed in such a way that prevents the spread of seed or plant parts within and from the property on or in livestock, fodder, grain, vehicles and/or machinery. Treat to destroy and prevent seed set all plants:- <ul style="list-style-type: none"> • within 100 metres inside of the boundaries of the infested property • within 50 metres of roads and high-water mark on waterways • within 50 metres of sheds, stock yards and houses Treatment must be done prior to seed set each year. Properties with less than 2 hectares of infestation must treat the entire infestation. Additional areas may be ordered to be treated.
Special considerations	In the case of P4 infestations where they continue across property boundaries there is no requirement to treat the relevant part of the property boundaries as long as the boundaries of the infestation as a whole are treated. There must be agreement between neighbours in relation to the treatment of these areas.

Control Method

Recommended herbicides	:	Metsulfuron Fluroxypyr Picloram/triclopyr
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Herbicide	:	Metsulfuron (various trade names - AVPMA site)
Active ingredient	:	600 g/kg metsulfuron-methyl (Group B)
Rate of product	:	1 g/10 L water
Wetting Agent	:	Pulse 1:500 BS -1000 1mL/1L water
Time of application	:	Actively growing seedlings to flowering plants.
Remarks	:	Spray to thoroughly wet foliage, using a high spray volume.
More information	:	Do not apply if rain is expected within four hours.
And other control measures	:	Treatments like metsulfuron will leave the grasses which will help compete with germinating seedlings and also allow fuel to carry a fire which also kills seedlings and adult plants.



Herbicide	:	Fluroxypyr (various trade names - AVPMA site)
Active ingredient	:	a) 200 g/L fluroxypyr b) 333g/L fluroxypyr c) 400 g/L fluroxypyr (Group I)
Rate of product	:	a) 50 mL/10 L water b) 30 mL/10 L water c) 25 mL/10L water
Wetting Agent	:	1:400 Non ionic
Time of application		Actively growing seedlings to flowering plants.

Herbicide	:	Triclopyr+ picloram (various trade names - AVPMA site)
Active ingredient and Group	:	Triclopyr 300 g/L + picloram 100 g/L (Group I)
Rate of product	:	15 mL/10L
Wetting Agent	:	Non ionic such as BS-1000 ai 100 mL/100 L water
Time of application		Wet season while there is adequate moisture and plants are actively growing.
And other control measures	:	Cut stem/stump using Triclopyr(Garlon™600 etc.) 1:50 in diesel or Access™(triclopyr + picloram) @ 1:60 in diesel can also be used throughout the year.

Weed Description

Family : Euphorbiaceae
Form : Shrub - Perennial
Status : Present in WA

Erect shrub or small tree to 4 m high, deciduous in dry conditions. Native of tropical Central and South America and Caribbean islands.

Stems : Hairy, non-woody.
Leaves : Initially purplish but green when mature, sticky, 5.5–14 cm long, 7.5–12.5 cm wide, rounded in outline, leaf stalks 4.5–11.5 cm long. Leaf margins and leaf stalks with gland-tipped hairs; leaves alternate, margins deeply 3–5 lobed;
Flowers : Flower head branched. Flowers about 1 cm across. Petals purple with yellow base. Flowers most of year but chiefly late summer and autumn.
Fruit : An oblong lobed capsule to 1.2 cm long, capsule, initially green, ripens dark brown. Mostly 3 or 4 seeded.
Seeds : Brown seeds to 0.8 cm long, slightly mottled.
Roots : Fleshy and tuberous.



Other relevant information related to this topic:

- [Quarantine WA](#)
- [Permitted and quarantine species list](#)
- [CSIRO biological control](#)
- [Permit for minor off-label-use of a registered agvet chemical product](#)
(Permit number – per9655)
- [Off-label permit \(olp\) for use of a registered agvet chemical product](#)
(Permit number – per13236)