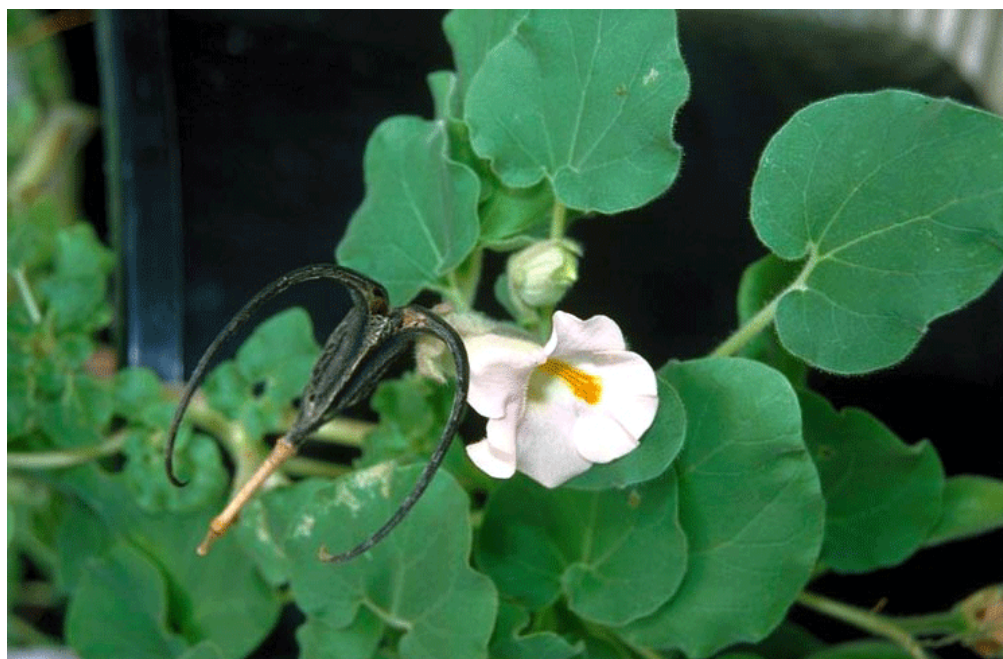


## Devil's claw, small fruit Devi's claw (*Martynia annua*); and purpleflower Devi's claw (*Proboscidea louisianica*)



### Declaration

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

**Category** : P1; P2

**Location** : for the whole of the State.

Standard Control Codes (these may vary for individual plants)	
<p><b>P1 REQUIREMENTS</b> Prohibits movement</p>	<p>The movement of plants or their seeds is prohibited within the State.</p> <p>This prohibits the movement of contaminated machinery and produce including livestock and fodder.</p>
<p><b>P2 REQUIREMENTS</b> Aim is to eradicate infestation</p>	<p>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.</p>

### Control Method

<b>Recommended herbicides</b>	:	<ul style="list-style-type: none"> <li>• 2,4-D</li> <li>• fluroxypyr</li> <li>• metsulfuron</li> </ul>
<b>Herbicide</b>	:	2,4-D amine ( <a href="#">various trade names - AVPMA site</a> )
<b>Active ingredient and Group</b>	:	a) 500 g/L 2,4-D amine ( <b>Group I</b> ) b) 625 g/L
<b>Rate of product</b>	:	a) 50 mL/ 10 L water b) 40 mL/10 L water
<b>Time of application</b>	:	Actively growing plants



<b>Wetting Agent</b>	:	BS 1000 from 10 -25 mL/10 L water
<b>Remarks</b>	:	This is the cheapest option but a marker dye is needed to see which plants have been treated. The ester formulations, 600 and 680 g/L, are registered in WA at 1.3 – 1.9 L/ha and 1.17 – 1.7 L/ha respectively.
<b>More information</b>	:	Information obtained from Northern Territory

<b>Herbicide</b>	:	<b>Metsulfuron</b> ( <a href="#">various trade names - AVPMA site</a> )
<b>Active ingredient and Group</b>	:	600 g/kg metsulfuron-methyl ( <b>Group B</b> )
<b>Rate of product</b>	:	1 g/10 L water
<b>Time of application</b>	:	Actively growing seedlings to flowering plants.
<b>Wetting Agent</b>	:	Pulse™ @ 1:500 or BS 1000 @ 1 mL/L water
<b>Remarks</b>	:	Spray to thoroughly wet foliage, using a high spray volume. Do not apply if rain is expected within four hours.
<b>More information</b>	:	Information obtained from Northern Territory

<b>Herbicide</b>	:	<b>Fluroxypyr</b> ( <a href="#">various trade names - AVPMA site</a> )
<b>Active ingredient and Group</b>	:	a) 200 g/L fluroxypyr b) 333 g/L fluroxypyr c) 400 g/L fluroxypyr <b>(Group I)</b>
<b>Rate of product</b>	:	a) 50 mL/10 L water b) 37 mL/10 L water c) 25 mL/10 L water
<b>Time of application</b>	:	1:400 Non ionic
<b>Wetting Agent</b>	:	Actively growing seedlings to flowering plants.
<b>Remarks</b>	:	Very quick acting treatment
<b>More information</b>	:	Information obtained from Northern Territory

## Weed Description

**Family** : Martyniaceae  
**Form** : Herbaceous – Annual  
**Status** : Only *Proboscidea louisianica* present in WA

### Small fruit devil's claw (*Martynia annua*)

An erect rank-growing annual herb from 1.3-2.0 m high. Native from Mexico to Nicaragua, and to the Caribbean Islands. Reproduces from seed.

- Stems** : Green, robust, branched and covered with glandular hairs
- Leaves** : Large, like a pumpkin leaf, up to 12.5 cm across, arranged in opposite pairs and having 5-7 shallow lobes. Glandular hairs exude a slimy sap which gives the plant a clammy feel.
- Flowers** : Large, pale mauve or lavender in short spikes at the end of branches. They are tubular shaped 4-6 cm long, spotted red or yellow and terminate in 5 spreading lobes with a prominent spot between each lobe.
- Fruit** : Oblong, green and fleshy when young, becoming black and woody when mature, 3-4 cm long, 1-1.5 cm wide tapering into a long beak (claw), which splits into two when dry. Claws are shorter than the body of the fruit.



**Seed** : Flat, brown to black, elongated. Two seeds to each pod, usually remaining inside the pod

### **Purple flowered devil's claw (*Proboscidea louisianica*)**

Erect low growing annual herb 20-50 cm high. Native to the south-western United States.

**Stems** : Branched, hollow, covered with glandular hairs which exude a slimy sticky sap

**Leaves** : Rounded to heart shaped 5-25, cm across, arranged in opposite pairs, covered with glandular hairs which exude a slimy sticky sap. Leaf stalks 20 cm long.

**Flowers** : Creamy white to mauve or purple flowers, spotted with dark purple and orange. Trumpet shaped 2.5-5 cm long and 5-7.5 cm in diameter.

**Fruit** : A bulbous capsule containing numerous seed. The curved beak is longer than the body of the fruit. The fruit is 8-30 cm long. Brown or black with a roughened pitted surface.

**Seeds** : Black or grey strongly wrinkled, variable in shape, about 10 mm long and 6 mm wide.

#### **Other relevant information related to this topic:**

- [Quarantine WA](#)
- [Permitted and quarantine species list](#)
- [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 - per4590)