



## Arrowhead (*Sagittaria montevidensis*)



### 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)	
<b>P1 REQUIREMENTS</b> 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.
<b>P2 REQUIREMENTS</b> 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.

### Control Method

<b>Recommended herbicides</b>	:	<b>Hammer®</b>
-------------------------------	---	----------------

<b>Herbicide</b>	:	<b>Hammer®</b>
<b>Active ingredient</b>	:	240 g/kg Carfentrazone – ethyl ( <b>Group G</b> )
<b>Amount of product per 10 litres water</b>	:	4.0 g
<b>Rate of product use</b>	:	400 g/ha
<b>Time of application</b>	:	Weeds should have 4 - 6 leaves
<b>Remarks</b>	:	Water should be held for at least 5 days.
<b>More information</b>	:	Treatment can be sprayed on or injected under the water surface. Other products 2,4-D and glyphosate used under minor use permits in other states Victoria and NSW



## Weed Description

**Family** : Alismataceae  
**Form** : Aquatic  
**Status** : Not present in WA

Introduced from South America, perennial or occasionally an annual, to 1 m tall.

**Stems** : Erect 7-75 cm tall with 2-12 whorls of flowers at the apex.  
**Leaves** : Emergent broadly arrow shaped to 25 cm long and 20 cm wide with basal lobes 15 cm long and 10 cm wide. Submerged leaves linear and only sometimes slightly arrow shaped.  
**Flowers** : White and sometimes with a purple patch in the centre, about 2.5 cm in diameter in whorls of 3 lower female and upper are male.  
**Fruit** : A cluster of 1 seeded fruitlets.  
**Seeds** : Laterally flattened 1.5-3 mm long, beaked and with dorsal wings.

### Other relevant information related to this topic:

- Quarantine WA
- Wetlands not weedlands
- 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)