



Giant salvinia weevils are a natural control that is native to the plant's home range of South America

- They can provide a long-term biological control when established
- They often take up to 3 years to result in suppression of salvinia growth
- They only reproduce on giant salvinia, and they will not eat other plants



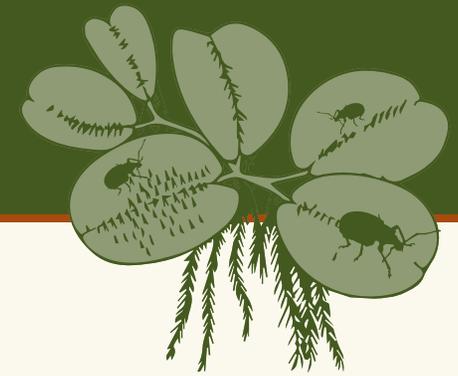
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**STOCKING
GIANT
SALVINIA
WEEVILS**



How much weevil-infested giant salvinia do I need?

- **It depends on several factors**
 - Size of the area that is being stocked
 - Weevil density of the infested plant material
- **Approx. 20 lbs. (1/2 of a plastic storage tote) of weevil-infested plant material per site**
 - Typically, several sites are stocked in a large area containing giant salvinia
 - They should be at least 100-200 feet apart

Where do I stock the weevils once I have the infested plant material?

- **Stocking sites should contain green and actively growing giant salvinia**
 - Plant material should contain new bud growth
 - Weevils will lay eggs on or near new buds
- **Stocking sites should be located in deeper water so the plants will not dry out in low water conditions**

How do I stock the infested plant material?

- **Thin the salvinia mat at the site where you plan to release the weevils**
 - Can be done with a rake or by hand in small areas or light plant coverage
 - May be done ahead of time with herbicides in large areas or thick plant coverage
- **Weevil-infested plant material should be placed in the open space within the giant salvinia mat**
- **This material should be spread out evenly on the water's surface to ensure that the plants are in contact with the water**
- **Be sure that the stocked plant material is in contact with the existing salvinia**
- **Monitor these stocked sites monthly**
 - If large brown spots occur in the salvinia mat, weevils have likely become established
 - Some of that brown salvinia material from those established sites can be used to stock other areas if necessary

