

EAMU (2025/3340; 2025/3341) for Use in Ornamental Plant Production

A pre-emergence herbicide for annual broad-leaved weeds and some grass species

- A herbicide containing aclonifen 600g/l for use on container- and field-grown ornamental crops more than 10cm in height
- Soil acting herbicide, taken up by the shoots for the control of bittercress, chickweed, and sow thistle
- Effective on mineral and organic soils as well as over growing media
- Can only be applied via a horizontal boom sprayer in 200 to 400 litres of water per hectare

Practical Considerations

- Emerger causes bleaching due to its strong mode of action
- Lower rates during the dormant season are found to be safer, while contributing to residual weed control
- Apply to dormant crops between 1st October and 30th April
- Must be applied to crops more than 10cm in height
- Mixing with other herbicides increases the phytotoxicity risk to crops
- Higher water volumes and lower dose rates are found to be less damaging, but compromise weed control
- Apply using a medium spray quality
- For container-grown crops, a maximum of three applications per year are permitted to the same area

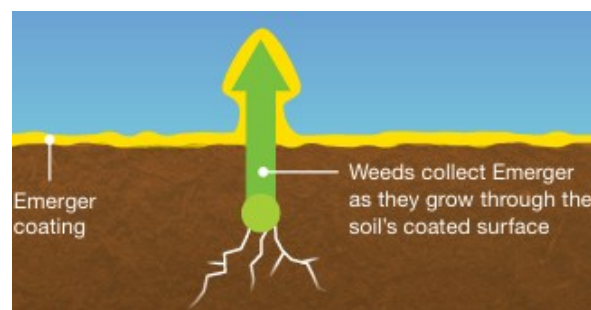
Targets Controlled

- Annual grasses
- Bittercress
- Chickweed
- Cleavers
- Fat hen
- Mayweeds
- Small nettle
- Sow thistle
- Speedwell



Best Use Guidelines

- Avoid using fine mesh filters due to likely blockages
- Shake the container well before use
- Ensure good spray coverage
- Cloddy soils or an uneven growing media surface will reduce efficacy
- Susceptible weeds can still emerge through the herbicide layer but will eventually be controlled
- Do not disturb the herbicide layer, mechanical cultivations have an adverse effect
- Use of Emerger at 0.6L/ha could provide effective control and good crop safety
- A 6m non-reducible buffer zone is required
- Avoid irrigation event after treatment



Formulation	A suspension concentrate formulation containing 600 g/L aclonifen		
Chemical class and resistance group	Solanyl diphosphate inhibitor (SPS) a unique diphenyl-ether HRAC 32		
Crops and situations	Protected and outdoor ornamental plant production (container- and field-grown)		
Number of applications	One per year		
Dose rate and concentration	1.4L/ha	Restrictions	Between 1st October and 30th April
Water volume	200L - 400L/ha	MAPP Number	19056