



## PRA for *Solanum elaeagnifolium* Cav. (silver-leaf nightshade)



by  
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**Scientific name:** *Solanum elaeagnifolium* Cavanilles

**Synonyms:** *Solanum dealbatum* (+7)

**Taxonomic position:** Solanaceae

**Common names:** Silver-leaf nightshade (+27)



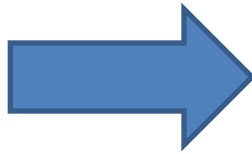
**PRA area**

**invasive in EPP0 regons**





origin





# Establishment of plant species



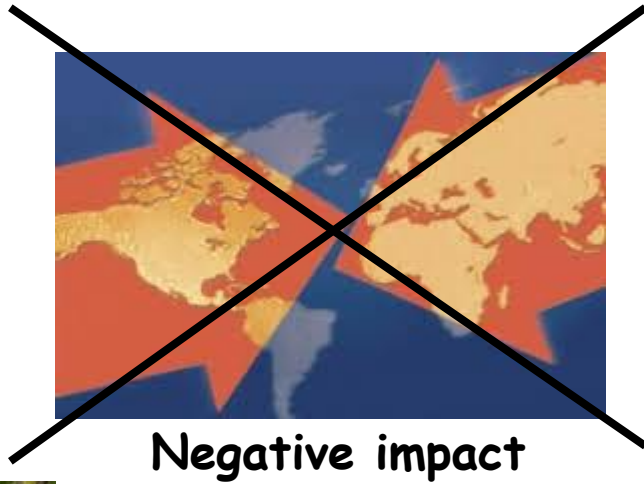
According Matevski (2000) the species is found in a ruderal habitat in one locality (gorge)

Semi-arid areas- areas of relatively low annual rainfall (250-600 mm)

# spread potential







**Negative impact**



Big Bluestem

Black-Eyed Susan

Gray-Headed Cone Flower



Lead Plant



Little Bluestem



New-England Aster



Nodding Onion



Sky Blue Aster



Smooth Aster

**native species**



**habitats**



**ecosystems**

Illustration by Jeff Gruden | property of Delta Regional Authority





**Negative impact**



*S. elaeagnifolium* inflorescence in a wheat field. Photo Sarah Brunel



*S. elaeagnifolium* invading a potato  
Photo: Sarah Brunel





ornamental value





source of infestation



grain contaminated seed



livestock



soil as a contaminant



fodder contaminated seed



plants planting with soil



maize seed



lucerne seed

## pathways of introduction



contaminated fodder



Australia

a



South Africa

## significancy for further spread of *S. elaeagnifolium* in RM

Large area suitable for further spread, because it is found out of agriculture areas in RM, but, taking into consideration that *S. elaeagnifolium* has a negative impact mainly on crop production and livestock production, for expectation is that in the close future can invade cultivated land.