

## Environmental weed risk assessment

### Pigeon pea (*Cajanus cajan*)

Pigeon pea is an annual or perennial legume which is widely cultivated in tropical and sub-tropical regions around the world for both human consumption and as a forage/cover crop.

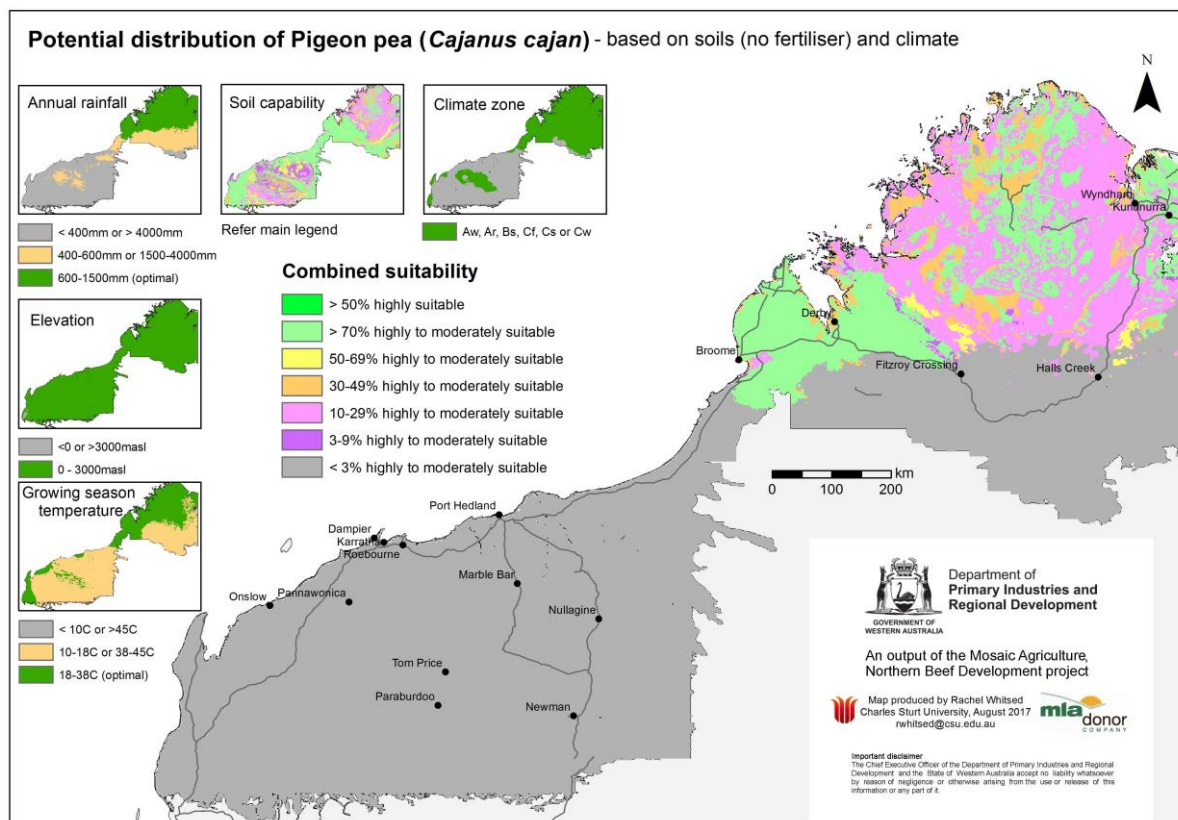


**Figure 1** Distribution of Pigeon pea (*Cajanus cajan*) in Australia  
(Source: 'The Australasian Virtual Herbarium')

Invasiveness and Impacts scores by Rod Randall

Invasiveness score	Impacts score
4.1	1.0

## Potential distribution



Region	Area of suitable soils and climate (million ha)	Potential distribution score
Kimberley (>400mm AAR*)	9.7Mha	7.0
Kimberley (<400mm AAR)	0	0.5
Pilbara	0	0.5
Gascoyne – Goldfields	0	0.5

\*AAR – Average annual rainfall

## Overall weed risk assessment

Region	WRA calculation*	Weed risk score	WRA rating
Kimberley (>400mm AAR)	4.1 x 1.0 x 8.0	32.8	Negligible-low
Kimberley (<400mm AAR)	4.1 x 1.0 x 0.5	2.1	Negligible-low
Pilbara	4.1 x 1.0 x 0.5	2.1	Negligible-low
Gascoyne – Goldfields	4.1 x 1.0 x 0.5	2.1	Negligible-low

\* Invasiveness (0-10) x Impacts (0-10) x Potential Distribution (0-10) = Weed risk score (0-1000)

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