Department of
Primary Industries and Regional Development

GOVERNMENT OF WESTERN AUSTRALIA

Environmental weed risk assessment

hybrid forage, grain annual sorghum, Sudan grass (*Sorghum bicolor*)*

*Note: Includes all hybrid forage, grain annual sorghum types (*Sorghum* spp.)

Annual hybrid sorghum includes a wide range of forage and grain sorghum types (e.g. Sudan grass hybrids, Grain sorghum x Sudan hybrids, Sweet sorghum hybrids, open-pollinated sweet sorghum, dual-purpose grain sorghum hybrids). They are tall, leafy, erect, tussock grasses used as annual forage or hay crops, or for grain.

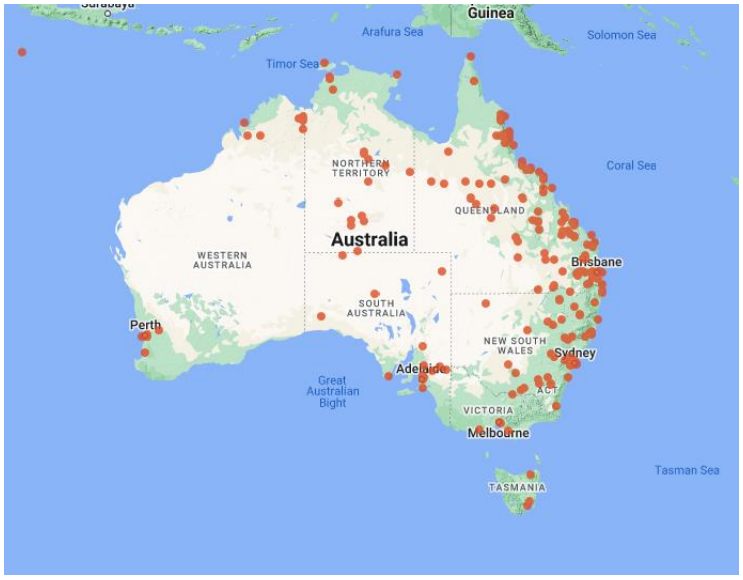
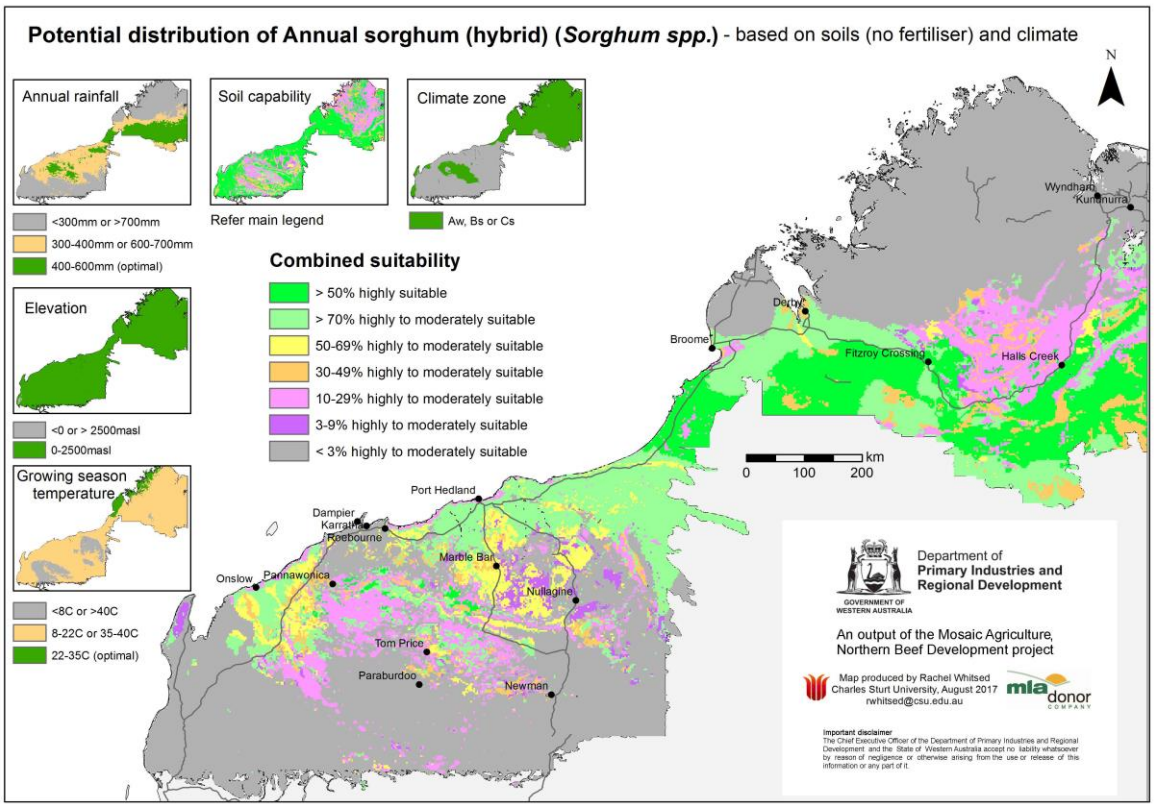


Figure 1 Distribution of hybrid annual sorghum (*Sorghum bicolor*) in Australia
(Source: 'The Australasian Virtual Herbarium')

Invasiveness and Impacts scores by Rod Randall

Invasiveness score	Impacts score
4.8	**1.0**

Potential distribution



Region	Area of suitable soils and climate (million ha)	Potential distribution score
Kimberley	10.4Mha	8.0
Pilbara (>300mm AAR*)	7.5Mha	7.0
Pilbara (<300mm AAR)	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	4.8 x 1.0 x 8.0	39.2	**Negligible-low**
Pilbara (>300mm AAR)	4.8 x 1.0 x 7.0	33.6	**Negligible-low**
Pilbara (<300mm AAR)	4.8 x 1.0 x 0.5	2.4	**Negligible-low**
Gascoyne – Goldfields	4.8 x 1.0 x 0.5	2.4	**Negligible-low**

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

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Important disclaimer

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