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| Table S1. US and Australian Weed Risk Assessment scores for Smith et al. 2015. The US-WRA scores are broken into their components of Establishment/Spread and Impact (see Figure 1 in Smith et al. 2015 for composite risk scores). |
|   |   |   | US- WRA |  | A-WRA |
| **Designation** | **Scientific name** | **Common name** | **Establishment /spread** | **Impact** | **Result** | **Secondary Screening** |  | **Score** | **Result** |
| **Agronomic****invasives** | *Cannabis sativa* | marijuana | 11 | 1.3 | Evaluate further | High Risk |  | 11 | Reject |
| *Cynodon dactylon* | bermudagrass | 14 | 2.7 | High Risk | n/a |  | 17 | Reject |
|  | *Dactylis glomerata* | orchardgrass | 12 | 1.7 | High Risk | n/a |  | 13 | Reject |
|  | *Elymus repens* | quackgrass | 15 | 2.6 | High Risk | n/a |  | 17 | Reject |
|  | *Imperata cylindrica* | cogongrass | 13 | 4.4 | High Risk | n/a |  | 25 | Reject |
|  | *Pennisetum clandestinum* | kikuyugrass | 18 | 2.0 | High Risk | n/a |  | 22 | Reject |
|  | *Phalaris aquatica* | Harding grass | 11 | 1.6 | Evaluate further | High Risk |  | 22 | Reject |
|  | *Pueraria montana* | kudzu | 13 | 3.6 | High Risk | n/a |  | 21 | Reject |
|  | *Schedonerus arundinaceus* | tall fescue | 11 | 2.8 | High Risk | n/a |  | 17 | Reject |
|  | *Sorghum halepense* | johnsongrass | 29 | 3.4 | High Risk | n/a |  | 34 | Reject |
| **Agronomic crops** | *Avena sativa* | oats | 9 | 1.1 | Evaluate further | Evaluate further |  | 10 | Reject |
| *Brassica napus* | canola | 11 | 2.5 | High Risk | n/a |  | 13 | Reject |
|  | *Glycine max* | Soybean | -5 | 1.0 | Low Risk | n/a |  | -5 | Accept |
|  | *Gossypium hirsutum* | cotton | -1 | 1.1 | Low Risk | n/a |  | -2 | Accept |
|  | *Hordeum vulgare* | barley | 12 | 2.9 | High Risk | n/a |  | 15 | Reject |
|  | *Linum usitatissinum* | flax | 0 | 2.5 | Evaluate further | Evaluate further |  | 7 | Reject |
|  | *Medicago sativa* | alfalfa | 13 | 2.4 | High Risk | n/a |  | 23 | Reject |
|  | *Nicotiana tabacum* | tobacco | 0 | 1.2 | Low Risk | n/a |  | 3 | Evaluate further |
|  | *Oryza sativa* | rice | 13 | 2.8 | High Risk | n/a |  | 16 | Reject |
|  | *Saccharum officinarum* | sugarcane | 4 | 1.1 | Evaluate further | Evaluate further |  | 4 | Evaluate further |
|  | *Secale cereale* | rye | 16 | 2.8 | High Risk | n/a |  | 19 | Reject |
|  | *Solanum tuberosum* | potato | 5 | 2.3 | Evaluate further | Evaluate further |  | 12 | Reject |
|  | *Triticum aestivum* | wheat | 9 | 2.0 | Evaluate further | Evaluate further |  | 19 | Reject |
|  | *Zea mays* | corn | -6 | 2.2 | Low Risk | n/a |  | -1 | Accept |
| **Bioenergy****crops** | *Arundo donax* | giant reed | 9 | 3.1 | High Risk | n/a |  | 10 | Reject |
| *Camelina sativa* | camelina | 8 | 2.6 | Evaluate further | Evaluate further |  | 17 | Reject |
|  |  | *Miscanthus sacchariflorus* | Amur silvergrass | 6 | 2.3 | Evaluate further | High Risk |  | 19 | Reject |
|  |  | *Miscanthus sinensis* | maiden grass | 14 | 2.9 | High Risk | n/a |  | 28 | Reject |
|  |  | *Miscanthus × giganteus* (sterile) | giant miscanthus | 0 | 1.1 | Low Risk | n/a |  | 3 | Evaluate further |
|  |  | *Miscanthus × giganteus* (fertile) | giant miscanthus | 6 | 1.1 | Evaluate further | Evaluate further |  | 10 | Reject |
|  |  | *Panicum virgatum* | switchgrass | 9 | 1.6 | Evaluate further | Evaluate further |  | 14 | Reject |
|  |  | *Sorghum bicolor* | energy sorghum | 22 | 3.9 | High Risk | n/a |  | 26 | Reject |
|  |  | *Pennisetum purpureum* | elephant grass | 7 | 3.0 | Evaluate further | High Risk |  | 21 | Reject |
|  |  | *Phalaris arundinaceae* | reed canarygrass | 12 | 2.6 | High Risk | n/a |  | 17 | Reject |
|  |  | *Saccharum spontaneum* | sugarcane | 16 | 2.8 | High Risk | n/a |  | 24 | Reject |
|  |  | *Thlaspi arvense* | field pennycress | 13 | 2.7 | High Risk | n/a |  | 17 | Reject |
|  |  | *Eucalyptus globulus* | Tasmanian blue gum | 11 | 3.2 | High Risk | n/a |  | 20 | Reject |
|  |  | *Jatropha curcas* | Barbados nut | 10 | 1.6 | Evaluate further | High Risk |  | 22 | Reject |
|  |  | *Paulownia tomentosa* | princesstree | 8 | 2.4 | Evaluate further | High Risk |  | 12 | Reject |
|  |  | *Robinia pseudoacacia* | black locust | 11 | 2.3 | High Risk | n/a |  | 17 | Reject |
|  | *Triadica sebifera* | Chinese tallow | 10 | 2.7 | High Risk | n/a |  | 15 | Reject |
|  |  |  |  |  |  |  |  |  |  |