



a sub committee of the
Natural Resource Management Standing Committee

NATIONAL CORE ATTRIBUTES FOR WEED MAPPING

Highlighted national attributes* represent those attributes required for monitoring and reporting at regional, state and national levels i.e. 'surveillance monitoring'.

Attribute	Description
1. Data record	Unique identifier for the site record. Allocated and maintained by data custodian
2. Name of weed ①	Common name, genus, species, sub-species, variety, hybrid. Any Uncertainty on naming recorded in the 'comments' field
3. Day/month/year	Collection/observation date or the date the survey commenced. Prefer DD-MON-YYYY, e.g. 12-DEC-2001 as this format is less error-prone than pure numeric dates
4. Source of data	Name of collector or institution, identifies either personal contact details or the name of the institution where the record is derived
5. Purpose of visit	Reason/s site was chosen. For example, to assess type and extent of WONS prior to treatment or monitoring to determine effectiveness of management action after treatment
6. Place name or locality	Plain language description of location e.g. "10 km west of Bourke". Provides a useful cross-check against specified geocode (latitude and longitude)
7. Latitude	Latitude in degrees, minutes and seconds. Prefer decimal degrees or AMG coordinates with Zone and datum noted – for GPS entries
8. Longitude	Longitude in degrees, minutes and seconds. As for latitude
9. Precision of latitude and longitude	Precision of measurement in its locating the site. Measured in meters. Records how the latitude/longitude was determined (GPS, topographic map or estimated)
10. Area ②	Area of the infestation measured in hectares. Area of the infestation defined by the outside boundary. For infestations measured by transect, indicate length of transect (in metres).
11. Cover/density	Density measured by class intervals. Prefer data that records raw density as a percent. For rapid survey density data may be collected as classed data e.g. 51-100% cover = dense
12. Treatment/s	Type/s of control and/or management being used to treat infestation. Management could include subcategories of mechanical, chemical, biological. No treatment should also be recorded.
13. Comments	Comments at the time of the survey. Qualifications and factors likely to affect the adequacy of the record. e.g. inadequate time spent. Anecdotal observations of the site or photograph/s
14. <i>Core site number of records</i>	<i>Number of records for the site or overlapping site. Records multiple sites spatially or multiple visits over time. My be left blank.</i>
15. <i>Land use Category</i>	<i>Land use/s observed at the site according agreed national classification. Select from Australian Land Use and Management Classification land use categories.</i>

* Attributes 1-13 are mandatory core attributes and attributes 14 and 15 shown in italics are optional core attributes. The national attributes were published: Thackway R., McNaught I., Cunningham D. 2004. A national set of core attributes for surveying, mapping and monitoring Weeds of National Significance. In Sindel B.M. and Johnson S.B. (eds.) *Weed management: Balancing people, planet, profit*. 14th Australian Weeds Conference papers and proceedings, Charles Sturt University, Wagga Wagga. 6-9 September, 2004. pp 690-693. Weed Society of New South Wales and Council of Australian Weed Societies

① Common name for "investigative monitoring" will be based on the standard common name in use for the jurisdiction where the work is being undertaken. For "surveillance monitoring" an agreed national common name will be established from the above list with naming uncertainty included in the comments field.

② These attributes can be computed using GIS software.

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