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| Resource title | [*Australia’s Plantations (2022)*](http://www.agriculture.gov.au/abares/forestsaustralia/forest-data-maps-and-tools/spatial-data/forest-cover) dataset |
| Citation | Australian Bureau of Agricultural and Resource Economics and Sciences, *Australia’s Plantations (2022)*, Australian Bureau of Agricultural and Resource Economics and Sciences, Canberra, December. CC BY 4.0 |
| Digital object identifier (DOI) | <https://doi.org/10.25814/8ghb-em15> |
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| Custodian  Jurisdiction | The Department of Agriculture, Fisheries and Forestry – Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES) |
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| Abstract | ABARES has prepared this dataset under the auspices of the National Plantation Inventory (NPI). The NPI has surveyed public and private plantation growers and managers to collect data on plantations established primarily for wood production in Australia since 1993.  Australia’s Plantation 2022 is a comprehensive dataset of commercial plantations derived from spatial data provided by over 30 growers and managers. The data was provided in raw form and required standardisation to a common format. Because the report is based on mapped data, it includes corrections and updates to data obtained in previous years.  The publicly available dataset has been summarised and re-sampled and the only publicly available attribute is plantation type – comprised of hardwood, softwood and other. |
| Purpose | To provide a comprehensive plantations dataset to be used by government, industry and other organisations. |
| ANZLIC search words | FORESTS  FORESTS Plantation  AGRICULTURE  VEGETATION |
| Keyword(s) | Plantation  Plantation Type |
| Sources used to generate this dataset and/or resource | Growers datasets. |
| Publication date | March 2024 |
| Latest date of information/currency | 30 June 2021 |
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| Data file name | Plantation\_2020\_21 |
| Stored data format | Compressed Zipfile Shapefile feature vector digital data. |
| Compressed file size | 5.22 MB |
| Geographic extent | Australia excluding external territories |
| North bounding Latitude: -9.7°  South bounding Latitude: -44.2°  East bounding Longitude: 156.0°  West bounding Longitude: 112.9° |
| Spatial resolution/  cell size | 1 hectare/100 x 100 metre |
| Spatial reference | ESPG:3577 GDA94 Australian Albers |
| Coordinate system: GDA\_1994\_Albers  False Easting: 0  False Northing: 0  Central meridian: 132°  Standard parallels: -18°, -36°  Latitude of origin: 0°  Datum: D\_GDA\_1994 |
| Lineage | Spatial data was provided to the NPI from growers using high quality GIS data. Data was projected to Albers GDA94, and standard items (Plantation type, company and data quality) was attributed. The datasets (approximately 20) were appended. The data was analysed and rectified if there were any errors such as duplication of polygons or overlapping polygons with adjacent plantation estates. |
| Positional accuracy | The scale of the source data is accurate to 100 metres. The vector data has been validated using satellite imagery, National Carbon Accounting Systems spatial layers and validated by local knowledge where possible. |
| Attribute accuracy | Attribute information was defined in the request for data spreadsheet and the majority of contributors followed the guidelines. Attributes such as species were standardised using scientific nomenclature. |
| Completeness | Some plantation growers did not provide spatial data. This is mainly due to growers not having spatial data, only tabular. |
| Update frequency | 5 years |
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| Metadata date | 20 March 2024 |