



A Career in Agriculture

A career in agriculture.... Driving a tractor, chasing sheep, milking cows, growing things. Agriculture is not all it seems: there are many possibilities including science, technology, working with machinery, working with animals, fisheries, ecology, education - the list is endless.

Have you thought about a career in Agriculture?

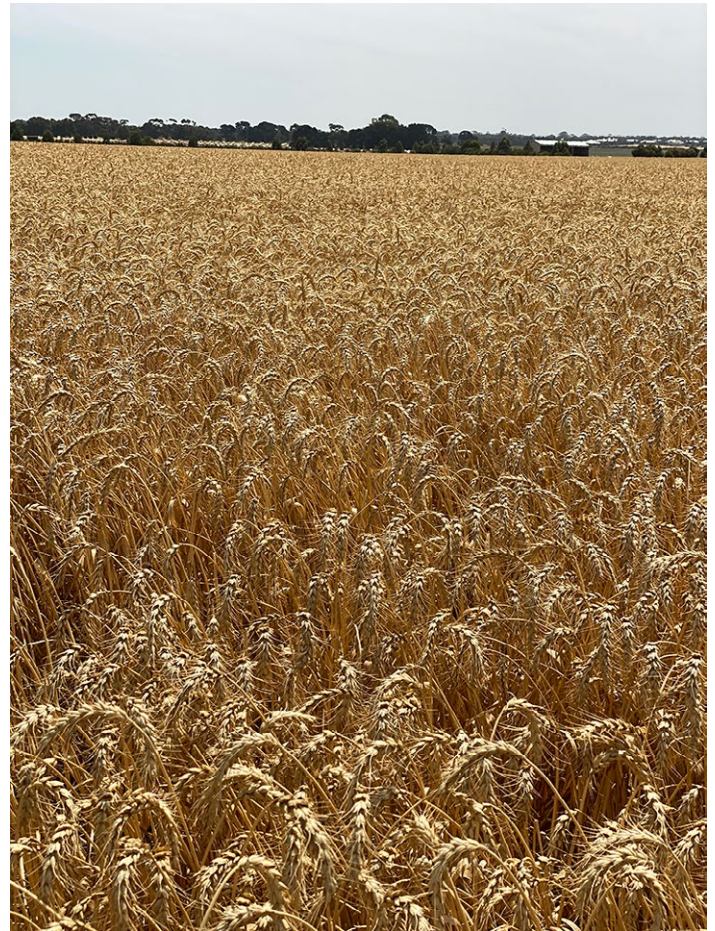
What about Horticulture?

Or Food Science?

Agriculture is a major contributor to the Australian national economy. Agriculture is a diverse and boom industry with an exciting future. The outlook for agriculture is bright, world food security is a big challenge and Australia will continue to play an important part in this role. Farming in Australia is embracing new technology and environmental sustainability. Australian agriculture has a wide range of jobs on offer.

Many young people may not be aware of the benefits and different career paths that exist in the agriculture industry. Agriculture can be more than a job - it can offer a lifelong career with a real sense of reward, purpose, stimulating work, flexibility, and a work/life balance. It is a lifestyle which can also offer significant financial opportunities. - many employees aim and succeed in buying their own farm or land to be successful business owners. Agricultural seasonal work is also available, providing short term opportunities for workers of all ages. Many skills are learned on the job. University graduates are in demand for careers in research and development.

Agriculture and its related industries provide more than 1.5 million Australian jobs. About 50 per cent of these are in capital cities within flow-on industries, such as processing, packaging, transport and retailing





Week Nineteen



Some Facts – from the Australian Bureau of Agricultural and Resource Economics and Sciences (ABARES)

Agriculture's place in Australia

Australian agriculture accounts for:

- 58% of Australian land use (446 million hectares, excluding timber production) and 59% of water extractions (9,434 gegalitres used by agriculture in 2015-16);
- 11% of goods and services exports in 2018-19;
- 2.2% of value added (GDP) and 2.6% of employment in 2018-19.

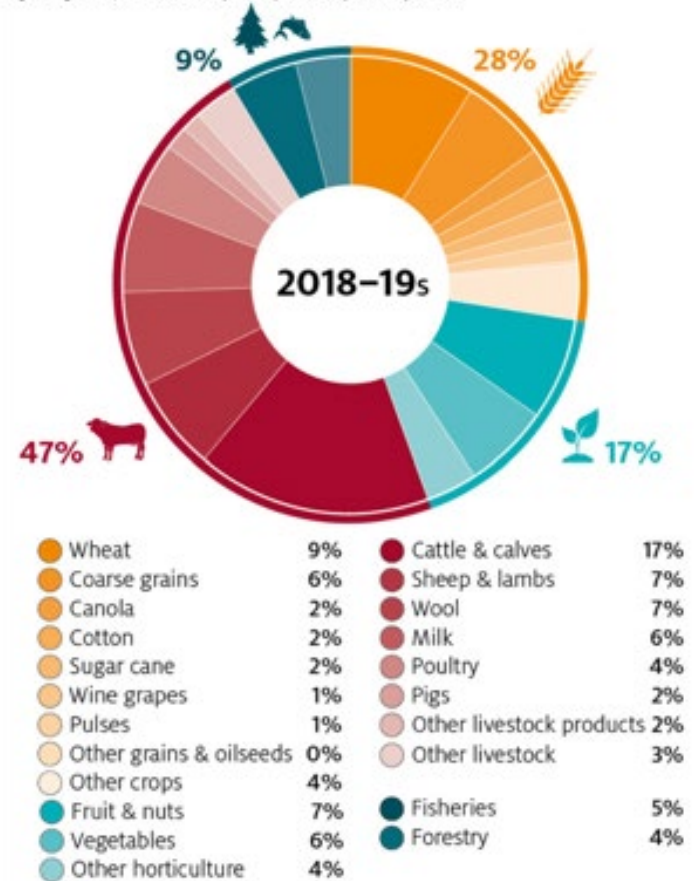
The mix of Australian agricultural activity is determined by climate, water availability, soil type and proximity to markets. Livestock grazing is widespread, occurring in most areas of Australia, while cropping and horticulture are generally concentrated in areas relatively close to the coast.

Agricultural production is growing. Australia has a diverse agriculture, fisheries and forestry sector producing a range of crop and livestock products (Figure 3). The value of agriculture, fisheries and forestry production has increased by 19% in the past 20 years in real terms (adjusted for inflation), from approximately \$58 billion in 1999-2000, to around \$69 billion in 2018-19.

In 2016 Australian agriculture employed 228,372 people, up 4% since 2011

- **82% Live in regional areas**
- **73% worker fulltime**
- **32% female**
- **37% were an owner manager of an enterprise**
- **24% were under 35**

Figure 3: Agriculture, fisheries and forestry value of production, by commodity, 2018-19s



Note: values are measured at the farm gate (i.e. prior to processing); = preliminary value for 2018-19. Sources: ABS International Trade in Goods and Services (cat. 5300) and ABS Value of Agricultural Commodities Produced, Australia (cat. 700).



Week Nineteen



Agriculture has linkages through the supply chain and interdependence on other sectors of the economy. When employment in food and beverage manufacturing, fibre manufacturing and wholesale trade is also considered, the wider workforce connected with agriculture is estimated at 466,6252 in 2016.

<https://www.agriculture.gov.au/abares/publications/insights/snapshot-of-australian-agriculture-2020>



For more information:

www.careerharvest.com.au

www.ruralskills.com.au

www.agrifoodcareers.com.au

<https://farmhub.org.au/australian-farm-jobs/>

<https://www.peopleinag.com.au/>

<https://www.agriculture.gov.au/ag-farm-food/agricultural-workforce>

A-Z of jobs in Agriculture

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|--|---|---|--|--|---|---|---|
| <p>A</p> <p>Agronomist Accountant Animal Scientist Agribusiness consultant Auctioneer Aquaculture farmer Arborist Animal health inspector</p> | <p>B</p> <p>Banking Beekeeper Biologist Butcher Book keeper Brewer Business manager Boner / slicer</p> | <p>C</p> <p>Chemist Chemical Rep Climatologist Custom spray operator Conservation officer Commodity trader Cheese maker</p> | <p>D</p> <p>Diesel mechanic Driver machinery / truck Drone operator Dairy producer Deer producer Dog trainer</p> | <p>E</p> <p>Economist Ecologist Exporter Electrician Earthmoving Engineer Ethologist (studies animal behaviour)</p> | <p>F</p> <p>Farm owner/ manager/ farm hand Food scientist Financial advisor Forester Fruit grower Floristry Fish hatchery Fencing contractor Forklift operator Feedlot manager Farrier</p> | <p>G</p> <p>GIS analyst Greenkeeper Gardener Grader operator Geneticist Geophysicist</p> | <p>H</p> <p>Horticulturist Horse trainer Horse breeder Hydrologist HR manager</p> |
| <p>I</p> <p>Irrigation manager Insurance agent Inventory supervisor</p> | <p>J</p> <p>Jackaroo / Jillaroo Jockey Journalist</p> | <p>K</p> <p>Kill floor supervisor</p> | <p>L</p> <p>Livestock agent Livestock producer Laboratory technician Lawyer Landscape Loans officer Landcare</p> | <p>M</p> <p>Market analyst Marine scientist Mechanic Machinery salesperson Microbiologist Meat scientist</p> | <p>N</p> <p>Natural resource officer Nursery manager Nut producer Nutritionist</p> | <p>O</p> <p>Occupational health and safety advisor Operations manager Olive grower</p> | <p>P</p> <p>Plant scientist Policy advisor Precision agriculture technician Pump specialist Pilot Pregnancy scanner Poultry scientist Park ranger Parasitologist</p> |
| <p>Q</p> <p>Quality assurance manager Quarantine inspector</p> | <p>R</p> <p>Real estate agent Roustabout Rural Finance Retail buyer Risk management Rural sociologist</p> | <p>S</p> <p>Sales rep Shearer Surveyor Statistician Soil scientist Sprayer Secondary teacher Stable hand Stockfeed miller Shipping officer</p> | <p>T</p> <p>Tree farmer Transport logistics Turf manager Toxicologist Tax consultant Tractor driver Trading manager Technical officer</p> | <p>U</p> <p>University lecturer</p> | <p>V</p> <p>Vegetable grower Veterinarian Vet nurse Viticulturalist Virologist Vocation teacher</p> | <p>W</p> <p>Wool classifier Wool agent Wool handler Winemaker Wildlife biologist Welder Water Trader Water engineer Weighbridge operator</p> | <p>XYZ</p> <p>Zoologist Zoo keeper</p> |