



**PIEFA**

The leader in food and fibre education.

# PRIMARY INDUSTRIES EDUCATION FOUNDATION AUSTRALIA

Careers in Primary  
Industries – Career Harvest

TMA Conference July 2023

Presented by:  
Luciano Mesiti  
PIEFA

 [piefa.edu.au](http://piefa.edu.au)



# Who Are We?

PIEFA is a not-for-profit foundation formed through a collaboration between the Australian Government, primary industries organisations and the education sector.

Through a range of online and in-person programs, we enhance food and fibre knowledge and understanding to young Australians through the development and promotion of:

- **teaching materials** about food and fibre for students in K-12
- **teacher professional development** opportunities
- **career pathway** information, including scholarships



Wine  
Australia  
for  
Australian  
Wine



Australian Council of Deans of Agriculture



Hort  
Innovation



**THINK.  
DIGITAL**



**Gold Membership**



# PIEFA'S PROGRAMS

Enhancing food and fibre education and career pathways for young Australians.



[www.primezone.edu.au](http://www.primezone.edu.au)  
**primezone**  
The place for all your food and fibre resources

Curriculum-aligned, Australian farming, fishing & forestry classroom lessons for F - 12.

[primezone.edu.au](http://primezone.edu.au)



**primezone**  
**ACADEMY**  
Student Food & Fibre eLearning Courses.

An eLearning portal providing access to food and fibre courses for students.

[primezoneacademy.edu.au](http://primezoneacademy.edu.au)



K-12 students connect with a farmer, fisher or forester, ask questions and take a virtual tour.

[farmertime.com.au](http://farmertime.com.au)



**CAREER HARVEST**

Primary industries careers information, including courses, scholarships & pathways.

[careerharvest.com.au](http://careerharvest.com.au)



**FOOD & FIBRE  
TEACHER PD**

Online and in-person Teacher PD opportunities throughout the year.

[primezone.edu.au/stem-teacher-pd/](http://primezone.edu.au/stem-teacher-pd/)

## **Student knowledge about food and fibre – 2020 PIEFA student study**

- **30% students said leather shoes were made from something other than animal product**
- **30% said Yoghurt was made from something other than animal product**
- **35% said pasta was made from something other than a plant product**
- **37% said cotton socks were made from something other than a plant product**

## **Jobs in agriculture, food and fibre**

- **Currently there are 170,000 jobs available across Australia**
- **For every graduate there are 6 jobs available**
- **Food supply chains greatly affected by labour shortages**
- **80% of agriculture happens beyond farm gate**
- **Over 30% jobs are in capital cities**
- **STEM / technology and science plays a significant role**

# PIEFA resources – free and cross curricular



[www.primezone.edu.au](http://www.primezone.edu.au)

[www.primezoneacademy.edu.au](http://www.primezoneacademy.edu.au)

[www.careerharvest.com.au](http://www.careerharvest.com.au)



# Primary Industries Lesson Plans and Education Resources

Enter a keyword e.g. cow



**Years**

F-12 Lesson Plans



**STEM**

Challenge



**AgCareerStart**

Find Out More...



**Farmer Time**

Live Streaming



**Primezone**

Academy Online




VIEW MORE COURSES

Sugarcane: One Plant Many Products - CANE 1001 YR 5-8

30%


See Overview Resume Course



Forest Types: Plantation vs Natural & Softwood vs Hardwood - FOR 1001 Yr 7-10 GEOG

66%


See Overview Resume Course



Wood Properties - FOR 1002 Yrs 7 - 10 TECH

100%


See Overview Replay Course



Australian Pork: Farming for the Future - PORK1001

0%


See Overview Start Course



PGRD 2001 The Science of Living Soils Yr 5-6

10%


See Overview Resume Course



Green Your Scene - HORT1001 YR 7/8 SCI GEOG

30%

See Overview Resume Course



# Primezone Academy

Online, self directed courses for students and teacher webinars

[www.primezoneacademy.edu.au](http://www.primezoneacademy.edu.au)

# Farmer Time – [www.farmertime.com.au](http://www.farmertime.com.au)

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AG DAY

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# FARMER TIME<sup>®</sup>

Digitally Connecting Farmers, Fishers & Foresters  
with Australian Classrooms

[www.careerharvest.com.au](http://www.careerharvest.com.au)





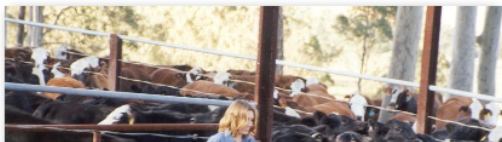
# Find Your Career Working In Agriculture, Forestry & Fisheries.

Find your #agventure in food and fibre

[Careers](#)[Scholarships](#)[Surprise Me!](#)

# Careers in Agriculture

If you're looking to change careers or just starting out, we have dozens of roles.  
Explore the diverse range in this special section:

[All](#)[Graduate](#)[Post Graduate](#)[Secondary](#)[Vocational](#)

Know What's Happening in Ag! Get the Latest News from PIEFA.



## Some Career Suggestions

tractor



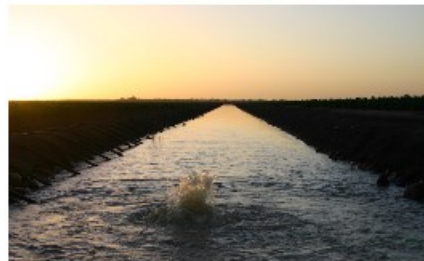
Harvest Contractor



Protected Cropping Grower



Machinery Supervisor



Irrigation Designer/ Manager



Horticulture Grower



Agriculture Technician



Livestock Farmer



Crop Farmer



Farmer

# Scholarships In Agriculture

Search here...

All

Graduate

Post Graduate

Secondary

Vocational

 WOMEN & LEADERSHIP  
AUSTRALIA

Farming And Agriculture Sector Women's Leadership  
Scholarship

GRADUATE

POST GRADUATE

SECONDARY

VOCATIONAL

 RiVerinePlains

Riverine Plains Scholarship Program

GRADUATE

VOCATIONAL

 JAMES COOK  
UNIVERSITY  
AUSTRALIA

Stabler Howlett Placement Bursary

GRADUATE



Know What's Happening in Ag! Get the Latest News from PIEFA.

Your email address..

Subscribe



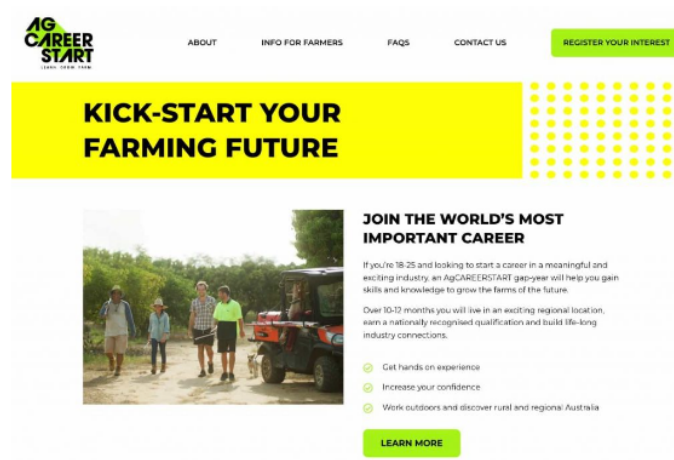
## AgCAREERSTART

JOIN THE WORLD'S MOST IMPORTANT CAREER

If you're 18-25 and looking to start a career in a meaningful and exciting industry, an AgCAREERSTART gap-year will help you gain skills and knowledge to grow the farms of the future.

Over 10-12 months you will live in an exciting regional location, earn a nationally recognised qualification and build life-long industry connections.

- Get hands on experience
- Increase your confidence
- Work outdoors and discover rural and regional Australia



The screenshot shows the AgCAREERSTART website landing page. At the top, there is a navigation menu with links for ABOUT, INFO FOR FARMERS, FAQs, CONTACT US, and a REGISTER YOUR INTEREST button. Below the navigation is a large yellow banner with the text "KICK-START YOUR FARMING FUTURE". To the right of the banner is a grid of yellow dots. Below the banner is a section with a photo of people on a farm and a text block that reads "JOIN THE WORLD'S MOST IMPORTANT CAREER". The text block contains a paragraph about the program and a list of benefits: "Get hands on experience", "Increase your confidence", and "Work outdoors and discover rural and regional Australia". At the bottom of the text block is a LEARN MORE button.

[Click Here To Learn More](#)





## Find a Job in Agriculture

There are thousands of jobs just waiting for you in agriculture. Here are some places to start searching:

- [Cotton Australia](#)
- [Meat & Livestock Australia](#)
- [Ausveg Careers](#)
- [CANEGROWERS Job Board](#)
- [Growing Careers | Forestry Jobs](#)
- [New Gap Year – Thankful 4 Farmers](#)
- [Woolwise Careers Information](#)
- [Australian Chicken Meat Federation](#)
- [Swaggie Job Board](#)
- [Seek](#)
- [Rural Enterprises](#)
- [Beef Central](#)
- [Rimfire Resources](#)
- [Ringers from the Top End Jobs](#)

[Click Here To Find a Career](#)



## Career Videos

If you're considering a career in agriculture, check out these videos of people who have made a career of working in Australia's food and fibre industries!

HORTICULTURE CAREERS

CANE CAREERS

DAIRY CAREERS

COTTON CAREERS

WINE/VITICULTURE CAREERS

FORESTRY CAREERS

EGGS CAREERS

CHICKEN MEAT CAREERS

CSU | Diversity of careers in agriculture,

Know What's Happening in Ag! Get the Latest News from PIEFA.

Your email address..

Subscribe



## Teacher Career Resources

### NSW DPI – Careers in Primary Industries

Interested in reducing world poverty, starting your own business, innovative technology, travel, research & development? The range of careers available in food and fibre industries are endless. Check out the NSW DPI Careers in Primary industries page for staff profile and career possibilities playlists, career pathways information and careers cards. [Read more...](#)



Department of Primary Industries  
NSW DPI Schools Program

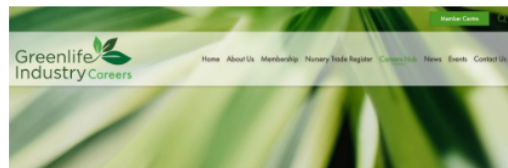
### Careers in primary industries

You might be surprised by what a career in primary industries can mean for you...

**DPI staff profiles**

View a huge range of careers videos on YouTube or click the images below to download a flyer

The world population is expected to increase by 35% to reach 9.1 billion people by 2050. To feed, fuel and clothe that population, agricultural production needs to increase by 70% (FAO 2015).



Greenlife Industry Careers

Home About Us Membership History/Info Register Careers/Info News Events Contact Us

#### Career Pathways

Explore the many career opportunities the Greenlife industry has to offer. Discover potential career pathways that may interest you, learn about the educational requirements and see where each path can take you.

### Greenlife Careers

A career in the greenlife industry means you will meaningfully contribute to creating liveable cities, healthy environments and protecting the future of food security in Australia. [Read more...](#)



# Find Your Career Working In Agriculture, Forestry & Fisheries.

Find your #agventure in food and fibre

[Careers](#)[Scholarships](#)[Surprise Me!](#)

## PIEFA Careers tools

- Careers Wheel
- Careers Card Games – MLA example
- Careers Q&A sessions



# A TASTE OF CAREERS WITH AGRICULTURE

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BRYAN VAN WYK

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FLEET OPERATIONS MANAGER

# A PAID GAP-YEAR PROGRAM TO KICK-START YOUR CAREER IN AG.

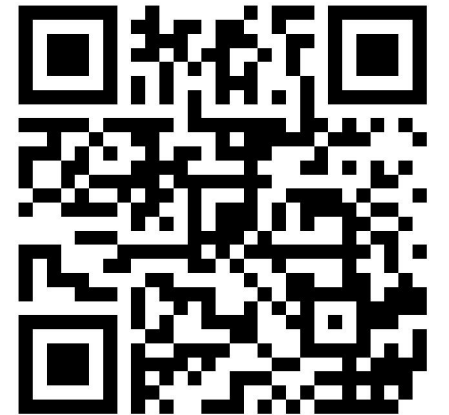


**AgCAREERSTART**  
Scan QR code to go to:  
[www.agcareerstart.com.au](http://www.agcareerstart.com.au)

National Science Week – Careers Q&A sessions

National Ag Day – November – Farmer Time events

Join our Newsletter to get updates – QR code link here:



Thank you  
Questions?



@ozpief @PIEFAus @ozpief @CareerHarvest

@CareerHarvest @piefa.edu.au

Signup for our newsletter



<https://www.piefa.edu.au/piefa-newsletter.html>

Scan the QR Code:

