STORM & FLOOD INDUSTRY RECOVERY PROGRAM

A project of the Primary Industries Education Foundation Australia

Cultivating Classrooms:
Hunter Valley Careers in Agriculture Workshops

Creating resilience through empowering school curriculums about primary industries careers.

PIEFA
The leader in food and fibre education.

Presented by:
Luciano Mesiti
PIEFA CEO

piefa.edu.au/sfirp

ACKNOWLEDGEMENT OF COUNTRY

PIEFA acknowledges Traditional Owners of Country throughout Australia (Hunter Valley - Wonnarua people) and recognises the continuing connection to lands, waters and communities. We pay our respect to Aboriginal and Torres Strait Islander cultures; and to Elders past and present.

Introduction

Morning session:

- PIEFA -who, why and what.
- PIEFA Conference 2025
- SFIRP program
- PIEFA surveys

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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

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Current challenges to food and fibre education

1 **TEACHING CRISIS**
Casual and skilled teacher shortages.

2 **LACK OF RESOURCES**
Locally relevant, up to date, industry engagement, careers.

3 **DECLINE IN FOCUS ON FOOD & FIBRE**
Too hard, too expensive, not enough champions.

4 **LACK OF UNDERSTANDING**
Career prospects, diversity of opportunities, future of industry

5 **RURAL URBAN DIVIDE**
Distances, opportunities, urban agriculture not well understood.

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Australian and state-based curriculum challenges

1. **AUSTRALIAN VS STATE CURRICULUM**
   NESA vs ACARA
2. **PRESCHOOL TO YEAR 6**
   Many opportunities to teach food and fibre.
3. **YEARS 7-10**
   Stage 4 Technology Mandatory - Cross curriculum links.
4. **YEARS 11-12**
   Agriculture, VET Primary Industries and board endorsed courses such as Aviation-remote pilot, farm mechanics and aquaculture.
5. **CAREERS INITIATIVES**
   Work education stage 5, stage 6 Work studies, VET courses, work placement, work experience.

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PIEFA'S PROGRAMS

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

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

primezone ACADEMY
Student Food & Fibre eLearning Courses.

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

Farmer Time

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

CAREER HARVEST

Primary industries careers information, including courses, scholarships & pathways.
careerharvest.com.au

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Online teacher forums, SFIRP PD opportunities, and newsletter sign-up.
piefa.edu.au

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PIEFA'S PROGRAMS

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

AG CAREER START
LEARN. GROW. FARM.

Gap year program that provides a paid job, training and development for people aged 17-25.
agcareerstart.com.au

farm safety ace
• ASSESS • CHANGE • ENGAGE

Resource package that addresses safety issues on farms.
piefa.edu.au/future-farm-safety-for-life

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Creating resilience through empowering school curriculums about primary industries.
piefa.edu.au/sfirp

STEM Food + Fibre
TEACHER PD SERIES
Presented by PIEFA and NSW DPI

Online and in-person Teacher PD opportunities throughout the year.
primezone.edu.au/stem-teacher-pd

KNOWING GROWING

Teacher PD run in collaboration with NSW DPI and RASNSW.
knowingandgrowing.edu.au

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PIEFA Conference - Growing the NEXTGEN of food and fibre education

https://www.piefa.edu.au/wp-content/uploads/2023/05/2023program_for_

GROWING THE NEXTGEN OF FOOD AND FIBRE EDUCATION

KEYNOTE SPEAKERS

KEYNOTE 1: The Future of Primary Industries

Michael McQueen
Multi-award winning speaker, trend forecaster and bestselling author

Troy Setter
Chief Executive Officer, Consolidated Pastoral Company
Chairman, Council of RDCs, LiveCorp and Dolly's Dream

Emma Germano
President, Victorian Farmers' Federation
Managing Director, I Love Farms
Director, The Queen Victoria Market

KEYNOTE 2: Innnovation in Food & Fibre

Prof. David Lamb
Chief Scientist, Food Agility Cooperative Research Centre

Renee Anderson
Cotton Grower, Consultant
Owner/Manager, Anderson Farming

Natâsa Sikman
Deputy CEO, People, Culture and Processes
Senior Climate Policy Manager, Australian Forest Products Association

KEYNOTE 3: Successes and Innovation in Education

Fraser Border
AgTech Engineer and Founder, integratedSTEM

Gullara McInnes
University Student / Drone Pilot

Scott Graham
Head of Agriculture, Barker College

KEYNOTE 4: Careers and Workforce in Primary Industries

Prof. Jim Pratley
Professor of Agriculture, Charles Sturt University

Kari Moffat
Livestock Sustainability Manager, Australian Rural Exports Pty Ltd (AUSTREX)

Dr. Nicole McDonald
Senior Research Officer, Agricultural Education and Extension Research Cluster, CQUniversity

Anthony Lee
Chief Executive Officer and Director, Australian Country Choice Group

Hardy Manser
Training Manage, UQ Skills
Higher Degree Candidate | Charles Sturt University

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Primary Industries Education Foundation Australia

PIEFA CONFERENCE 2023
HOTEL REALM, CANBERRA
1st and 2nd May, 2023

PROGRAM

STORM & FLOOD INDUSTRY RECOVERY PROGRAM

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SUCCESS STORIES

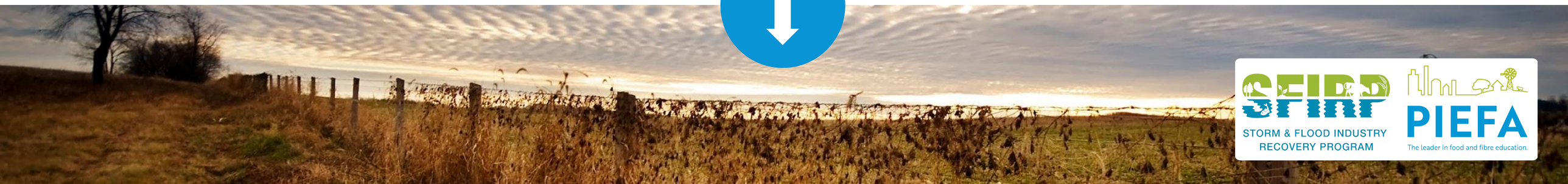
The people and organisations who are leading the way in food and fibre education.

PIEFA
Through a range of programs and projects that promote careers, education and opportunities in Australia's primary industries.

BARKER COLLEGE
Scott Graham transforming perspectives and delivery

QUIET ACHIEVERS
Josie Clarke Ability Ag, Ben and Brooke Watts Bralca, Banyula Farm, NSWAAT and Rural learning exchange

OTHERS
Rotary, DPI, RAS, Agshows Australia, Landcare, NSW Farmers etc.



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Australian Government | Labour Market Insights | National Skills Commission

Primary Industries Education Foundation Australia

Snapshot: Agriculture, Forestry and Fishing (7 June 2022)

EMPLOYED

278,500

PAST GROWTH

-10.0%

FUTURE GROWTH

1.2%

WEEKLY EARNINGS

$1,053

WORKFORCE SHARE

2.1%

FULL-TIME SHARE

77.5%

FEMALE SHARE

30.2%

AVERAGE AGE

51

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DAFF:

2022-2023 = $92 billion
Aim= $100 billion by 2030
Biggest challenge is **securing an appropriate workforce**.

Requires:
#invest in skills,
#opportunities in the regions
#secure pathways for overseas workers,
#workers are protected.

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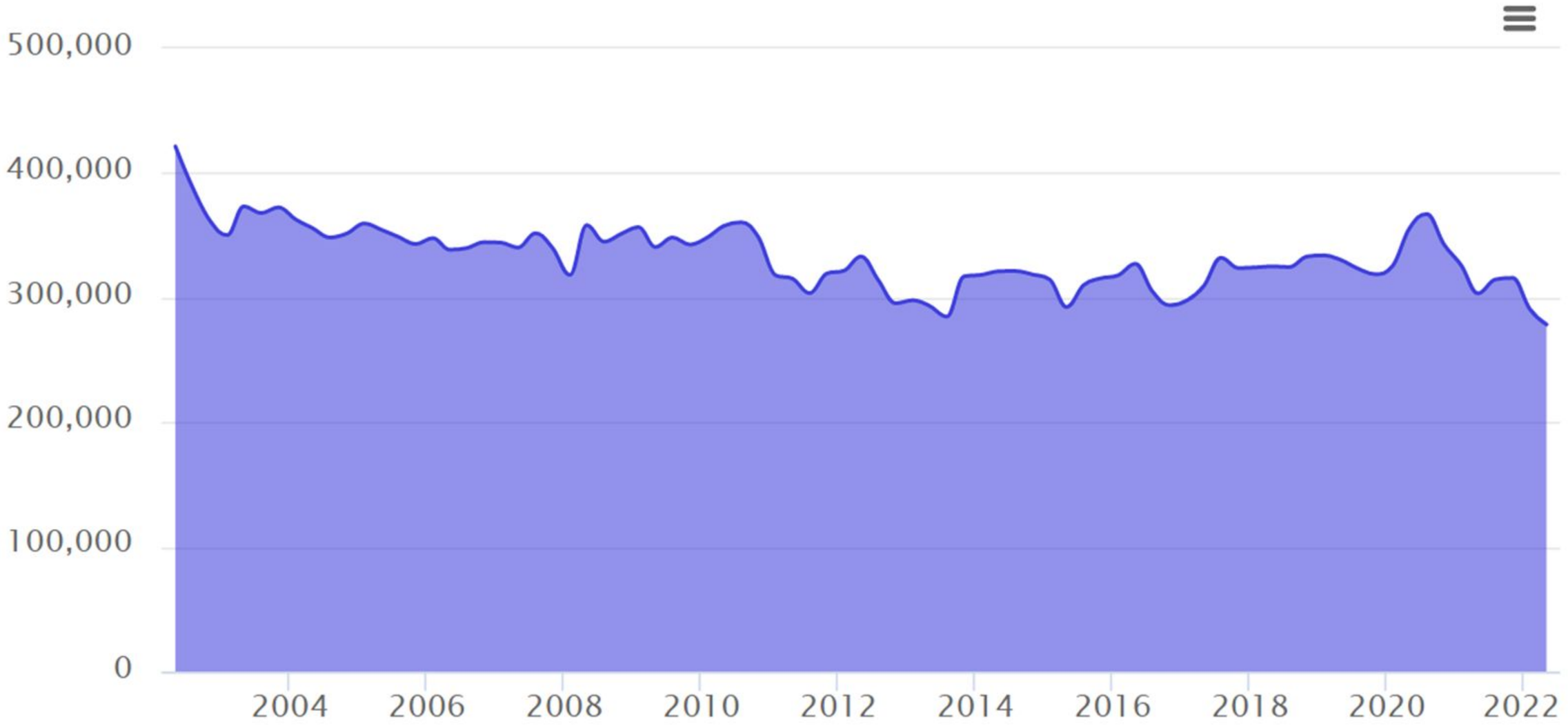
Quarterly employment update, Agriculture, Forestry and Fishing



Source: ABS, Labour Force Survey, Detailed, May 2022, seasonally adjusted.

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Careers and opportunities in agriculture

- 70% **Increased global food and fibre demand** by 2050.
- **Data** - 6 graduate level positions for every agriculture graduate student. **CSU professor Jim Pratley, PIEFA conference 2023.**
- Longerenong Smart Farm Vic - 9-10 job offers before graduation. **David Lamb, UNE, PIEFA conference 2023.**
- **Workforce**- 30% on farm, 45% off farm and 25% metropolitan. **Scott Graham, PIEFA conference 2023.**
- Range of positions available(entry, trade/certificate and graduate).
- **Range of sectors** - Beef, Dairy, Horticulture and Aquaculture, Education, Agribusiness, Agtech, Agronomy and Food Value Chains.

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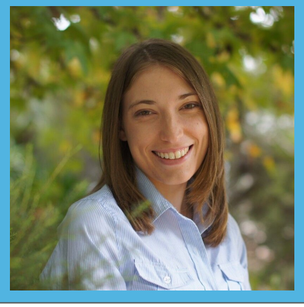
Key themes to consider

Skills needs - various operational, business, HR, R&D, agritech, regulation and compliance, QA, biosecurity and health, sustainability, carbon mitigation, communications, marketing and finally education.

Rachel Rodney ANU PIEFA conference 2023.



Industry Issues - skills shortages, lack of workers, farm safety and unlocking the value of human capital - high death rate (3-8 times other industries).

Troy Setter CPC PIEFA conference 2023.

Key attractors to industry

- Youth want to "make a difference, improve environmental outcomes and be at the forefront for innovation"

Andrew Metcalf (DAFF), PIEFA conference 2023.

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Key themes to consider

<u>Range of training programs available</u> - Tocal, TAFE, transferable skills, industry supported programs - PIEFA's Agcareers Start, Agforce SIPP, Thoroughbred Breeders, AWI etc.

<u>Cost of land a barrier to youth</u>

<u>Students have diverse backgrounds, skills and interests</u>

Career pathways not clear unless looking back on the past. **Gullara McInnes, Kari Moffat, PIEFA conference 2023.**

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SFIRP project outputs

4 key activities focussed on locally relevant industries and careers.

- Professional development for Teachers
- Professional development for Careers Advisors
- Farmertime video resources
- Teaching resources developed and utilised by schools

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PIEFA Projects
Food and Fibre Education

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Why these projects?

Where did we get our data?

Findings:

- Not all schools deliver an agriculture program
- Students engagement varies
- Hands on activities in demand
- Variation in cross curricular collaboration/delivery
- Teacher needs: locally relevant, industry contacts, incursion and excursions.
- Knowledge of the diversity of careers in agriculture

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2020 PIEFA Student Study

Student knowledge about food and fibre

- 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 e.g. the recent Inghams chickens strike Sept 2023.
- 80% of agriculture happens beyond farm gate
- Over 50% jobs are in capital cities
- STEM / technology and science plays a significant role

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SOLUTIONS

#1 Industry > School connection | Policy and local level

#2 Development of Year 11/12 agriculture curriculum

#3 Creation of more accessible classroom lessons | Interactive and available online

#4 Link resources to key priorities with your people | Including climate change, sustainability innovation and ethics

#5 Improve industry access for teachers and schools

#6 Networking, collaboration, cross curricular connections

#7 Industry and Government funded programs

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Student Edge Youth Insight Survey

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Executive Summary

TEACHERS: CURRENT SUPPORT, FACILITIES AND RESOURCES

- Most teachers are satisfied with current support levels (73% very / somewhat satisfied). For many, teaching agricultural subjects is a passion point and most feel they have a strong foundation of knowledge on the subject.
- However, limited funding, under-staffed departments and limited access to facilities are pain points across the industry.
- Recent flooding and natural disasters have only exacerbated these tensions, with many having lost live-stock, restricting access to school farms, or lost volunteer support.
- Most teachers have access to basic facilities (agricultural plot 83%, seeds/seedlings/plants 73%, vegetable plot 73%) and most (71%) agree it is somewhat or very easy to access these facilities.
- There are myriad facilities which teachers deem very useful, but do not currently have access to: Apiary, Vermiculture, Aquaculture, Cropping, Chickens (broiler) and Dairy cattle are some examples. Opportunity to focus efforts on increasing accessibility in this space.
- Teachers use numerous resources – both practical and theoretical. Growing vegetables, worksheets, resources developed by the teachers themselves are among the most used, and some of the most useful.
- However, few have access to expert speakers / local industry connections or kitchen gardens but would find these resources very useful. Opportunity to focus efforts on increasing accessibility in this space.

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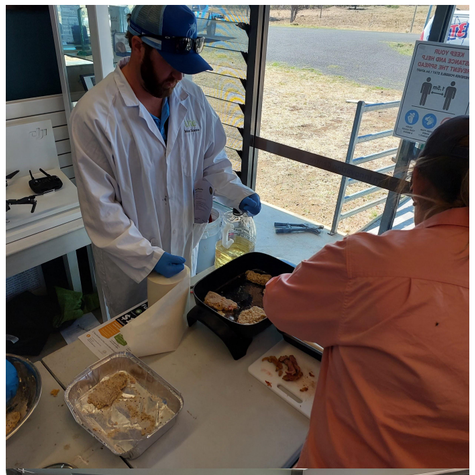
Presented by:
Ben Holmes
SFIRP Project Manager

piefa.edu.au/sfirp

Cultivating Classrooms - Hunter Valley Careers in Agriculture

<u>Afternoon session:</u>

- PIEFA/SFIRP upcoming events/ programs
- PIEFA/SFIRP resources
- Kahoot quizzes









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Pilot and Proof of concept projects

- Mid North Coast Careers in Agriculture and Food Value Chains.
- Banyula Farm Field Day
- PIEFA in Schools
- Cultivating Classrooms TPD
  - Online and F2F.
- UNE Farming in a Digital Age











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SFIRP impact report

Participants who obtained valuable resources to use in schools

100%

Participants inspired/reinspired to advocate for agriculture

97.7%

Participants with increased understanding of agriculutre careers and pathways

97.2%

Participants who made contacts to support students to consider a career in agriculute

100%

Participants who intend to use the applicable PIEFA programs

95.5%

Participants with increased understanding/ability to teach sustainable food and fibre production*

100%

*Banyula teacher tour only

ACER Interim report

Figure 1. Feedback regarding Professional Development (n = 17)

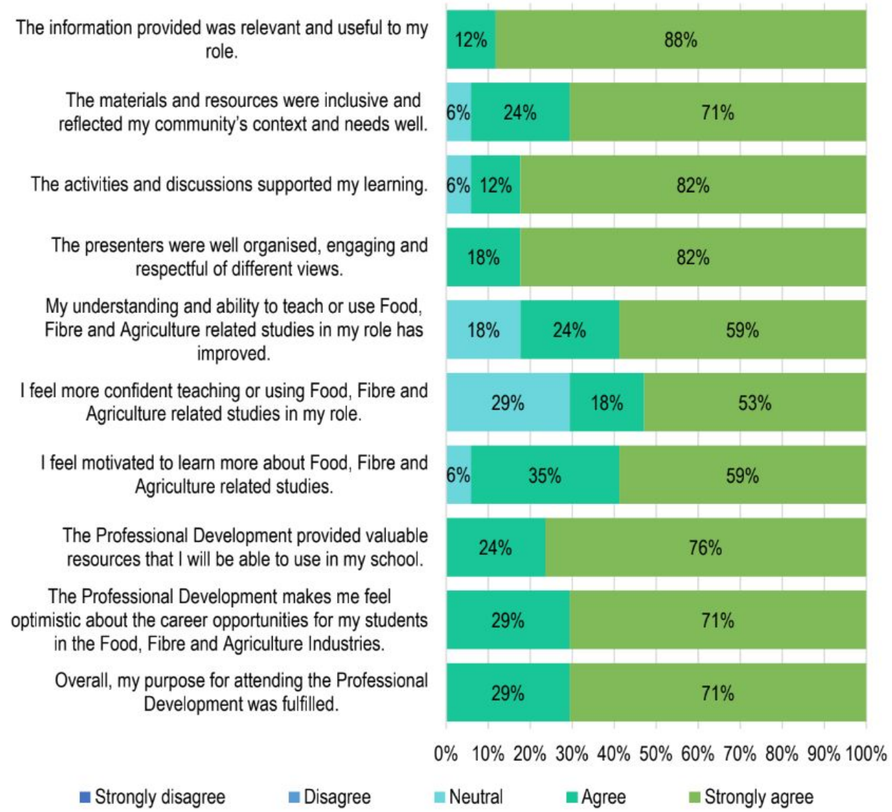
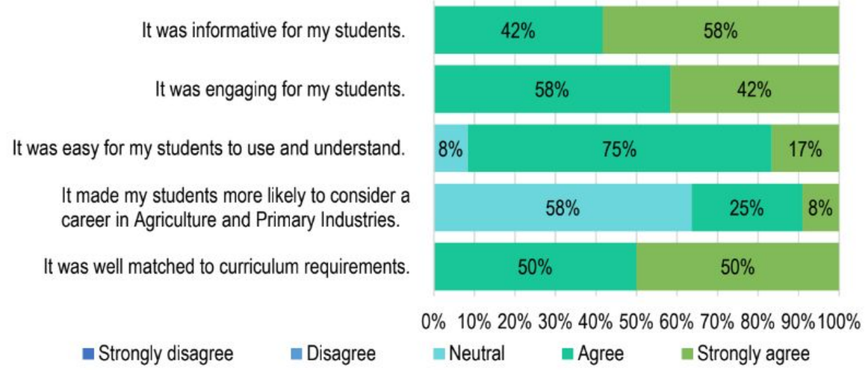


Figure 2. Feedback regarding resources (including teaching resources and Primezone Academy) (n = 12)



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ABOUT | TEACHING RESOURCES | BECOME A MEMBER | FOOD & FIBRE CAREERS | NAAE | NEWS | CONTACT

STORM AND FLOOD INDUSTRY RECOVERY PROGRAM

Creating resilience through empowering school curriculums about primary industries careers.

PIEFA's Storm and Flood Industry Recovery Program (SFIRP) is jointly funded by the Australian and NSW Governments under the Disaster Recovery Funding Arrangements through the Department of Regional NSW – Sector Recovery and Resilience Grants.

The project will improve community connectivity, linking schools with local primary industries and the many rewarding agricultural careers that are available in flood affected LGAs across NSW. By developing locally focussed teaching resources and careers programs, this project will deliver a stronger foundation to develop interest in local careers in the primary industries, building local resilience to improve recovery from flood disasters.

Contact

Ben Holmes
PIEFA SFIRP Project Manager
Ben.holmes@piefa.edu.au
0480 458 220

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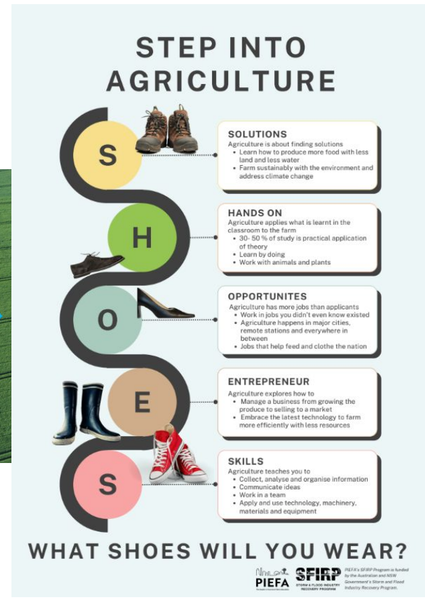

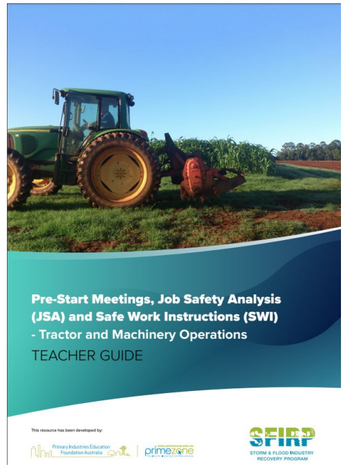

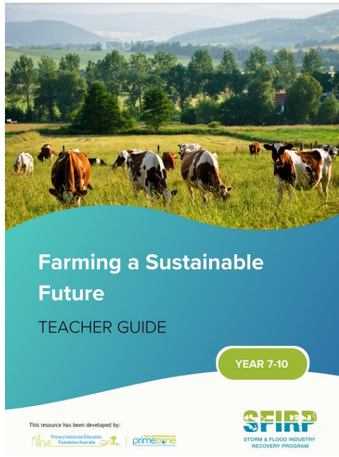

PLAN YOUR 2024 TEACHER/CAREER ADVISOR PD TODAY!

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New resources - Mid North Coast and UNE Careers videos.

Practical ideas to explore an agricultural career.

Touch, feel, think, calculate, question, innovate, suggest solutions.

Why do you think robotic farming and new technologies are attracting so much industry investment and interest?

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Exploring a Forestry Career

Quadruple production by 2050

Entry level Example:

Forestry (Silviculture) Tree Planter job specifications:

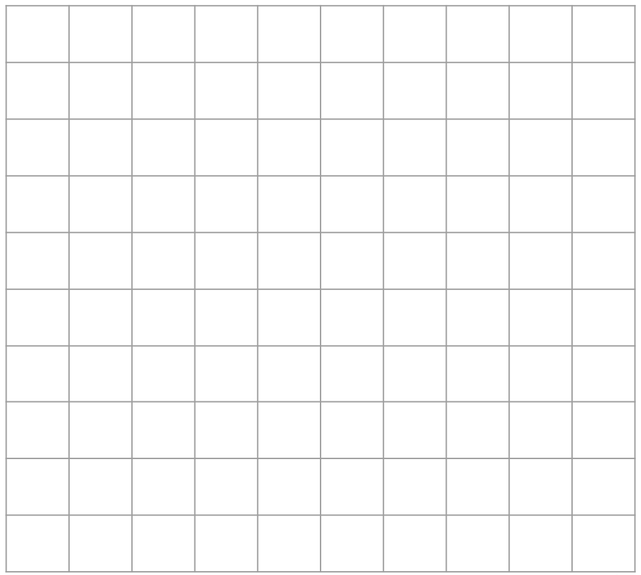
- 2.1m tree spacing.
- Depth
- Orientation
- Firmness
- Environment - standing timber/habitat, riparian, fire trail, trays.

Practical based questions:

1. *Feel pogo weight, discuss body conditioning to plant 8000 trees/day (gun planter) on cultivated rows carrying up to 160 trees at a time.*
2. ***Safety:** RSI, Pants - Baggy/long, boots - ankle, Shirts - long, water - regular, hygiene.*
3. *How many steps to plant 100 trees?*
4. *Hyco trays have 40 cells, how many trays do you need to plant to get 6000 trees/day?*
5. *Pogo planting is 3 cents/tree, how much do you get paid for 8000 trees?*

Forestry plot

1 Ha (100m * 100m)



Trade level: Machinery Operator

- Pre, op and post op checks, procedures and maintenance.
- Environment - weather, substrate, gradient, erosion, heat, fuels, contamination, buffers and exclusion zones.
- 2.5m row spacing
- 4m firetrail access

Graduate level - Forester or QA inspector:

Density: 16 trees per 10m * 10m cell/quadrat.

Tree quality: >90% Deep, tight and straight. (1.25 trees per quadrat).

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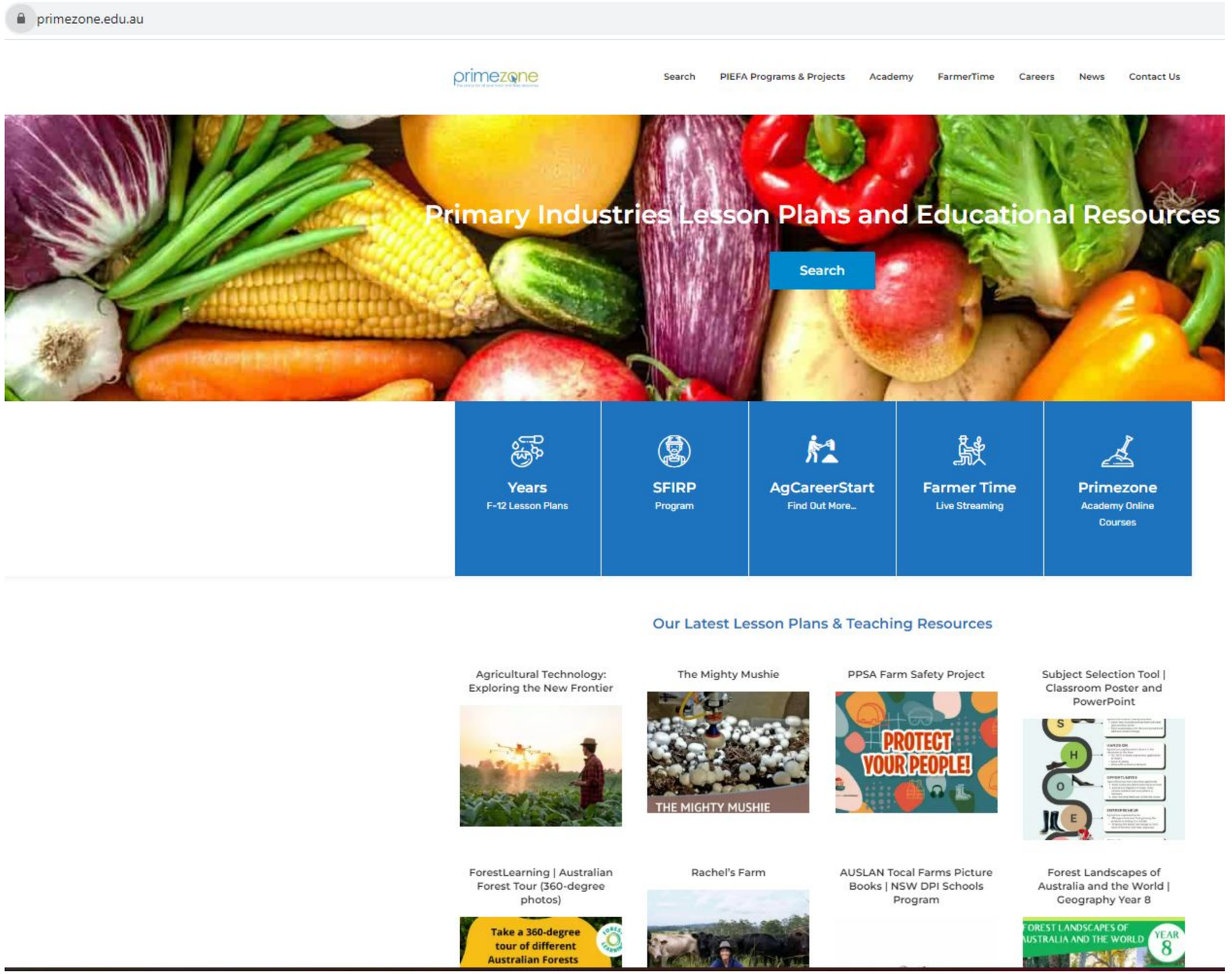

Related resources - Careers and safety

Visit Primezone - search Careers or Farm Safety ACE.

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Visit Primezone - search Forest Learning

primezone.edu.au/resource/careers-forests-wood/

primezone

Search | PIEFA Programs & Projects | Academy | FarmerTime | Careers | News | Contact Us

FOREST LEARNING

PRIMARY + SECONDARY
CAREERS IN FORESTS AND WOOD
Virtual Reality Series

SUBJECT
Agriculture
Design and Technologies
Geography
Science
Technologies

AC CODE 8.4
ACSHE136

AC CODE 9.0
AC9HG9K08

TYPE	YEAR
Video,Virtual Reality	7 - 12

STATE

Careers in Forests and Wood | PRIMARY + SECONDARY

Explore the dynamic and diverse world of forestry and wood processing with the Careers in Forests and Wood videos! Get an inside look at three fascinating careers and discover what it takes to make a difference in this exciting industry.

Join Environmental Forester and Ecologist Jack Carter of Australian Bluegum Plantations as he takes you on a journey through the Australian forest, showcasing his work in wildlife surveys, native forest regeneration, and the installation of nesting hollows. Observe how he is working to ensure the sustainability of Australia's hardwood plantation forests and all the timber products sourced from them.

Meet Forester Courtney Pink of SFM Asset Management, who is dedicated to growing and producing timber while preserving and protecting the environment, including trees, plants, animals, waterways, and Indigenous Australian cultural sites.

Embark on an adventure with Wood Processing Cadet Kayla Martin of AKD Softwoods as she takes on a wide range of exciting work experiences that expose her to nearly every aspect of the business. Learn how she is honing her practical skills and knowledge and laying the foundation for a successful long-term career in wood processing.

These first-hand insights into the lives of professionals in the forestry and wood processing industry will inspire and encourage students to pursue careers in this field. So, sit back, relax and get ready to be transported into the heart of the forest!

CLICK HERE for the: **GROW A CAREER AS A FORESTER** resource

Get to know Forester Courtney Pink of SFM Asset Management, who works to grow and produce

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Primezone interactive resources - Mighty Mushies and Awesome Alpacas

THE MIGHTY MUSHIE

SUBJECT
Design and Technologies
Science

AC CODE 8.4
AC CODE 9.0
AC9S7U01, AC9S8U01, AC9S8U02, AC9S7I01, AC9S8I01, AC9S7I03, AC9S8I03, AC9S7I04, AC9S8I04, AC9S7U02, AC9TDE10K01, AC9TDE10K02, AC9TDE10K04, AC9TDE10K05

TYPE	YEAR
PDF	5 - 10

STATE
Qld, NSW, SA, NT, ACT, Tas, WA

The Mighty Mushie

THE MIGHTY MUSHIE

Access this suite of educational resources to learn about the Mighty Mushy! Through interactive, curriculum-aligned card games, worksheets and accompanying videos clips, students from Years 5 to 10 will discover the world of mushrooms. Year 7-8 Science students will explore mushrooms in ecosystems, and learn about their classification and the role they play in energy flow in ecosystems. Students will gain insights into the growth patterns and distinctive features of the *Agaricus bisporus* mushroom and investigate and observe trends in data in the classroom. Year 9-10 Design and Technologies students will learn about the production cycle of the *Agaricus bisporus* mushroom from farm to family, the features of the supply chain as well as the preservation, preparation and consumption of this significant Australian product.

SUPPLY CHAIN CARD GAME | YEARS 5-10

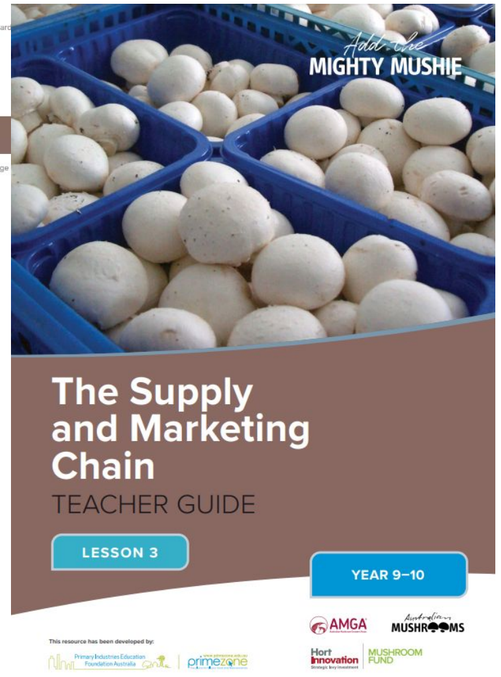
By participating in a hands-on card game, students will learn to sequence the process of converting 'on-farm' food into a product, suitable for retail sale. Additionally, they will gain an understanding of the careers involved in the supply chain of mushrooms from Farm to Family.

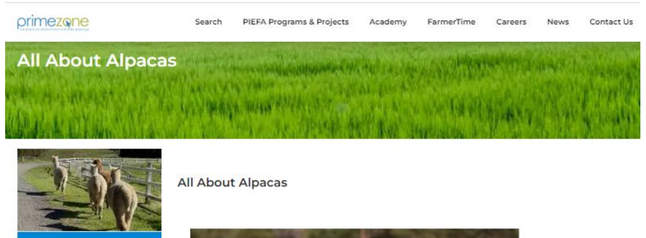
Download the card game designs in PDF format now (simply cut out and use). The card
includes:

- Card Box > **DOWNLOAD HERE**
- Cards > **DOWNLOAD HERE**
- Card sheet > **DOWNLOAD HERE**
- Instructions > **DOWNLOAD HERE**

SCIENCE RESOURCES | YEARS 7-8

Addressing the **Science** learning area for Years 7-8, this suite of resources will engage





SUBJECT
Design and Technologies
Humanities and Social Sciences
Science Mathematics

AC CODE 8.4
AC CODE 9.0
AC9TDE2K03, AC9SFU01, AC9SFI03, AC9S1U01, AC9S1U02, AC9TDE4K03, AC9S3U01, AC9S3I04, AC9M3M01, AC9M4M01, AC9HS3S02, AC9S5U01, AC9S5H02, AC9S5I04, AC9S6U01, AC9TDE6K03, AC9TDE8K04, AC9S7U01, AC9TDE8K01, AC9TDE8K04, AC9TDE10K04, AC9TDE8K01, AC9TDE8K04, AC9TDE8P05, AC9TDE10K01, AC9TDE10K04, AC9TDE8K01, AC9TDE8K04, AC9TDE10K01, AC9TDE10K04

TYPE	YEAR
Download,game,PDF	k - 10

STATE

All About Alpacas

PRIMARY RESOURCES

In these resources, students will explore alpacas, including their classification, relationships to other animals, and uses on farms. They'll learn about the needs of alpacas, the seasonal tasks on a farm and engage in hands-on activities that foster discussion, problem-solving, and information organisation. The lessons also focus on the life cycle, adaptations, and the process of converting alpaca fibre into products for sale.

Foundation to Year 2 | All About Alpacas

Teaching guide: **Lesson 1 (F-2) All about Alpacas**

Student worksheets: **Lesson 1 (F-2) Student Worksheets – All about Alpacas**

Year 3 to Year 4 | The Life of an Alpaca

Teaching guide: **Lesson 2 (Y3-4) The Life of an Alpaca**

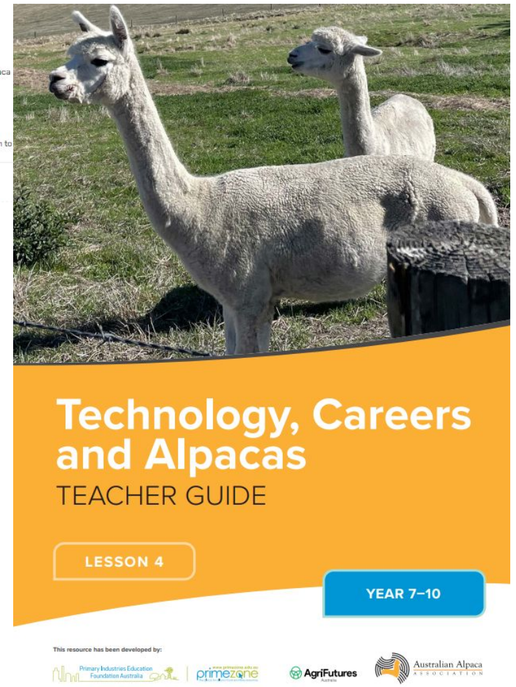
Student worksheets: **Lesson 2 (Y3-4) Student Worksheets – The Life of an Alpaca**

Year 5 to Year 6 | Alpacas from Farm to Fibre

Teaching guide: **Lesson 3 (Y5-6) Alpacas from Farm to Fibre**

Student worksheets: **Lesson 3 (Y5-6) Student Worksheets – Alpacas from Farm to**

SECONDARY RESOURCES | Years 7-10



Careers, supply chains; Lets play Cards!

STORM & FLOOD INDUSTRY RECOVERY PROGRAM

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Visit Primezone - search GRDC

primezone.edu.au/resource/growing-australian-grains-seven-to-ten/

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SUBJECT
Design and Technologies

AC CODE 8.4
AC CODE 9.0
AC9TDE8K01, AC9TDE8K04, AC9TDE10K01, AC9TDE10K04

TYPE
Download,PDF

YEAR
7 - 10

STATE

GRDC | Growing Australian Grains – Years 7 to 10

Images courtesy of GRDC.

These 2 lessons are targeted to students in Years 7 to 10.

LESSON 1 | What Does a Grains Scientist Do? Case Studies

Students will learn about innovations and technologies in the cropping industry. They will view source materials that are focused on developing new varieties of productive plants in a changing climate, and technologies that generate data to enable improved risk management and crop decision-making by producers.

Lesson 1 Teaching Guide: **L1 (Yr7-10) Grains – Teaching Guide**

Lesson 1 Student Worksheets: **L1 (Yr7-10) Grains – Student Worksheets**

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Visit Primezone - search Hort Innovation

Growing and Grafting | Hort Innovation (Years 9-10)

A two lesson resource investigating the use of plant propagation techniques in Australia's Nursery industry. Throughout these lessons, students will explore asexual and sexual reproduction methods and consider the advantages and disadvantages of these forms of reproduction for plants and plant producers. This resource covers Design and Technologies and Science Content Descriptors from the Australian Curriculum.

Access the following PDF downloads:

TEACHER GUIDE

LESSON 1 | Sexual and Asexual Reproduction in Plants

LESSON 2 | Growing and Grafting

STUDENT WORKSHEETS

LESSON 1 | Sexual and Asexual Reproduction in Plants

LESSON 2 | Growing and Grafting

TEACHER GUIDE | WEBINAR

The below teacher webinar explains the Growing and Grafting resource, providing detailed explanation on how to use it in the classroom.

SUBJECT
Design and Technologies
Science

AC CODE 8.4
AC CODE 9.0
AC9S9U02, AC9S10U01, AC9TDE10K04

TYPE	YEAR
PDF	9 - 10

STATE
Qld, NSW, SA, NT, ACT, Tas, WA

primezone

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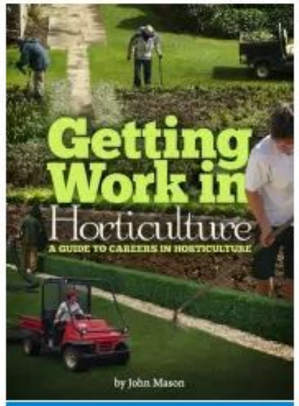

Getting Work in Horticulture – A Guide to Careers in Horticulture

Horticulture is an industry that will always be with us; human life cannot exist and thrive without plants – they are integral to human survival. That fact alone makes horticulture not only important, but perhaps the only career that mankind is unlikely to ever see disappear.

Sound, broad-based training in the fundamentals of horticulture is a good starting point for entering this industry. However, not all courses on offer will be broad enough or in-depth enough to set you up for a sustainable, lifelong career – so you need to understand the fundamentals required in horticulture (in general) and then choose a diverse course, that enables you to achieve these aims.

ACS Distance Education are pleased to offer this ebook for free (valued at $24.95) as a promotion with PIEFA.

Please search for 'Working with Animals' for the second in this series by author.

DOWNLOAD the ebook | Getting Work in Horticulture.

Link

Keywords

agriculture, horticulture, careers, work, ACS Distance Education, John Mason

Developed by:

SUBJECT
Agriculture
Horticulture

AC CODE 8.4
AC CODE 9.0

TYPE	YEAR
PDF	9 - 12

STATE

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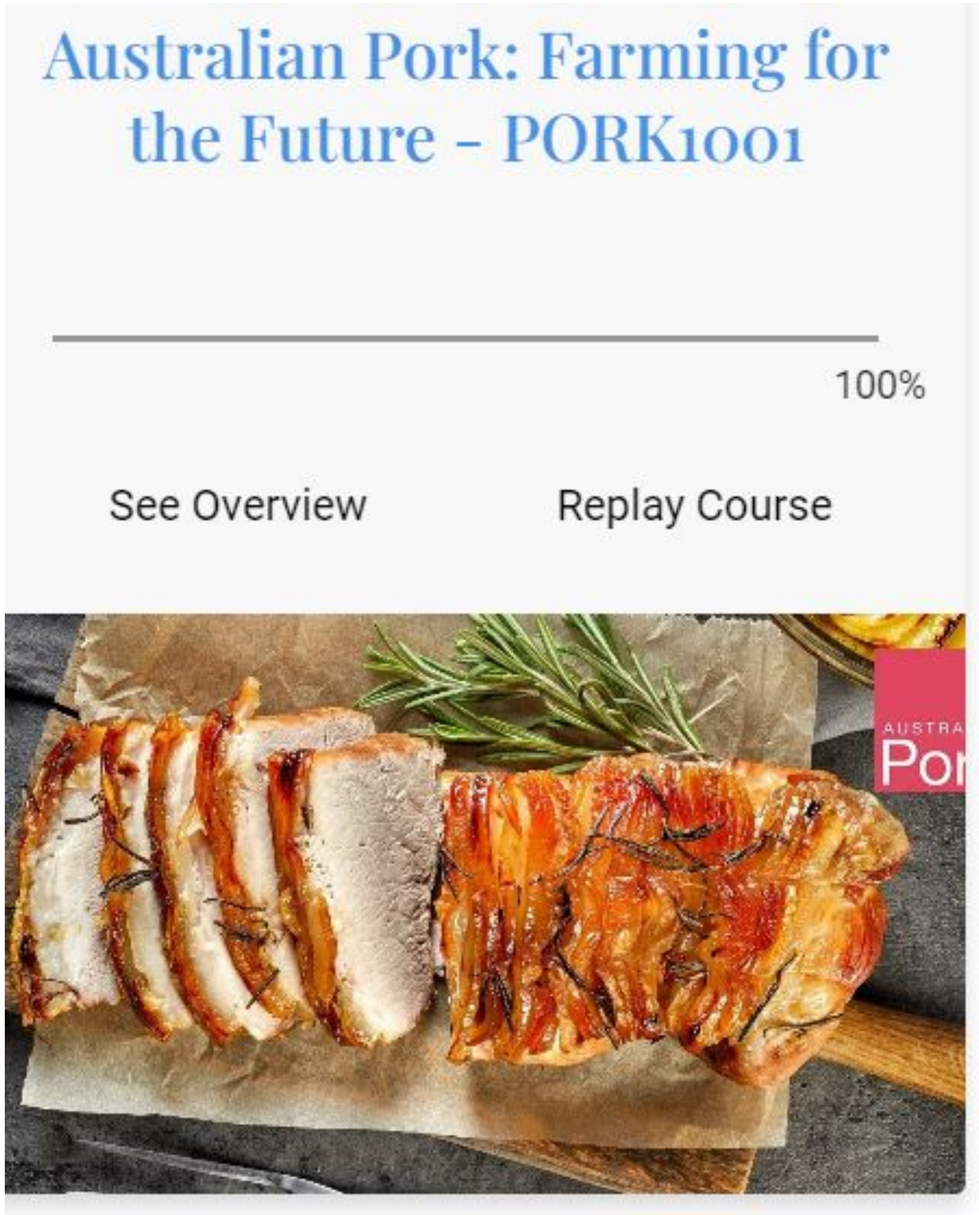
Primezone Academy



Hort Innovation - Food production through protected cropping

STORM & FLOOD INDUSTRY RECOVERY PROGRAM

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Primezone - MLA Good Meat Stage 4

primezone

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Australian Good Meat Education resources are developed by mla

MLA | Australian Good Meat – teacher resources

SUBJECT
Design and Technologies
English
Geography
HASS
Mathematics
Science

AC CODE 8.4
AC CODE 9.0
ACTDEK001, AC9TDEFK01, ACTDEK001, AC9TDE2K01, ACSHE022, ACSHE035 AC9S1H01, AC9S2H01, ACSIS029, ACSIS042, AC9S2106, ACELA1444, AC9E1LA01, ACELY1651, AC9EFLY06, ACELY1661, AC9E1LY06, ACELY1671, AC9E2LY06

TYPE
Downloads,Video,Website

YEAR
K - 10

STATE
Qld, NSW, SA, NT, ACT, Tas, WA

Teaching Resources

Free 'ready-to-teach' cross-curricular **Foundation to Year 10** school resources using the most current Australian red meat industry information. Linked to the **Australian Curriculum 9.0**, students will learn about on-farm practices, the supply chain, and marketing and nutrition, with a focus on sustainability as a cross-curriculum priority.

As a **Primary Industries Education Foundation Australia** and **Meat & Livestock Australia** collaboration, each year band lesson suite includes an **overview**, **six lessons**, **student activities** and a **teacher instructional video**. There's also a range of fun and educational **supplementary materials** for use in the classroom.

Educate students about the red meat supply chain, health and nutrition, climate, the environment, sustainability and technology.

Head to **Australian Good Meat**'s user-friendly website to access the complete suite of resources and teacher instructional videos.

YEAR LEVELS COVERED:

- Foundation to Year 2
- Year 3 to Year 4
- Year 5 to Year 6
- Year 7 to Year 8
- Year 9 to Year 10

LEARNING/SUBJECT AREAS INCLUDE:

- Science
- Design and Technologies
- English
- Mathematics
- Humanities and Social Sciences (HASS)

DISCOVER RESOURCES

Australian Good Meat — MORE THAN JUST GOOD FOR YOU

Environment | Animal wellbeing | Nutrition | Resources | Schools | Red Meat Green Facts

Home / Agriculture & Sustainability Teaching Resources | AGM / Good Meat | Resources

Share this

Teaching Resources

Developed in collaboration with the Primary Industries Education Foundation Australia, each year band lesson suite includes an overview, six lessons, student activities and a teacher instructional video. There's also a range of fun and educational supplementary materials for use in the classroom.

Feel free to drop us a line at education@mla.com.au for inquiries and feedback.

Download your FREE teaching resources using the search filter below.

SFIRP STORM & FLOOD INDUSTRY RECOVERY PROGRAM

PIEFA The leader in food and fibre education.

STORM & FLOOD INDUSTRY RECOVERY PROGRAM

A project of the Primary Industries Education Foundation Australia

Cultivating Classrooms:
Hunter Valley Careers in Agriculture Workshops

Creating resilience through empowering school curriculums about primary industries careers.

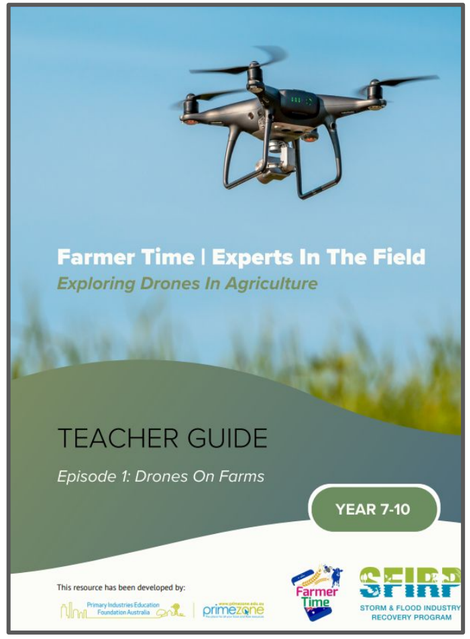
PIEFA
The leader in food and fibre education

Presented by:
Sharon O'Kane
SFIRP Project Officer

piefa.edu.au/sfirp

Farmer Time | Experts in the Field - Exploring Drones In Agriculture

Click on the images for weblinks!



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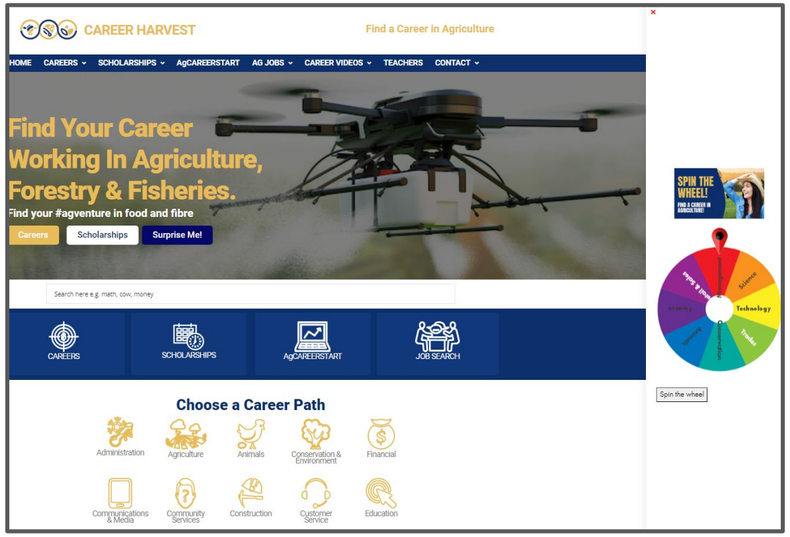
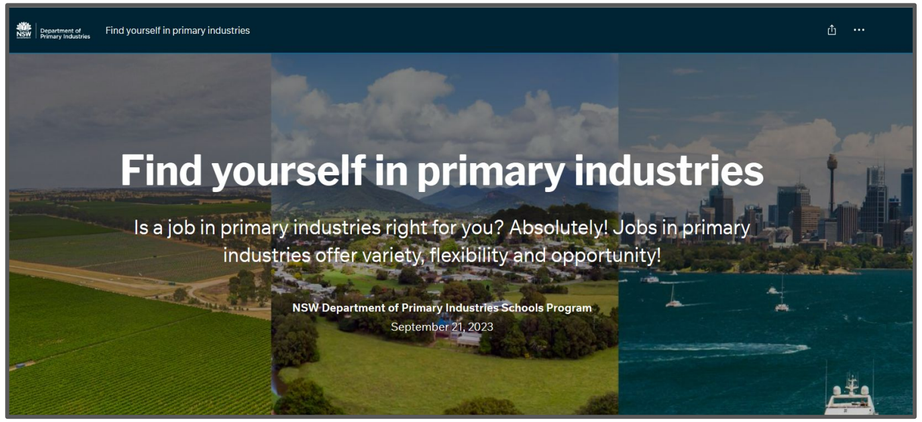
Careers In Agriculture

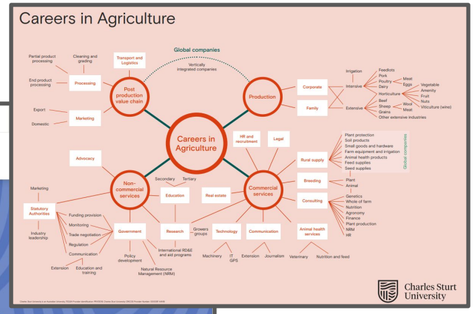
Career Harvest, Department Of Primary Industries, Charles Sturt University, National Farmers Federation

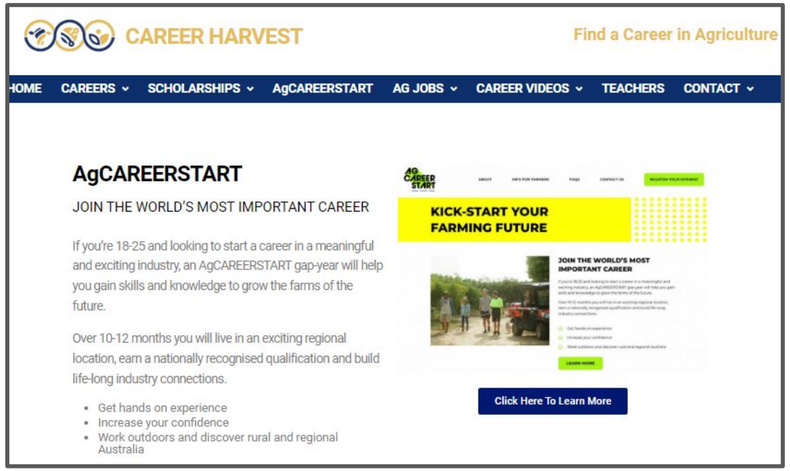
Join the world's most important career

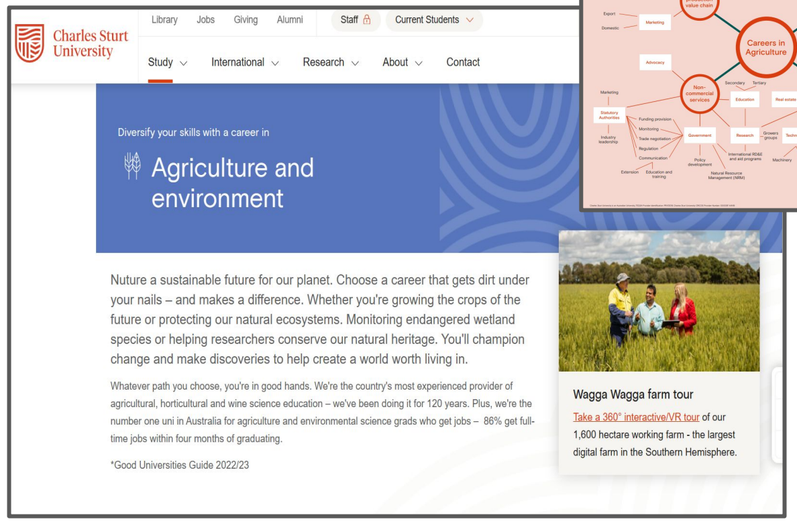
Click on the images for weblinks!











CSU is the #1 university in Australia for agriculture and environmental science grads* (*according to Good Universities Guide 2022/23)

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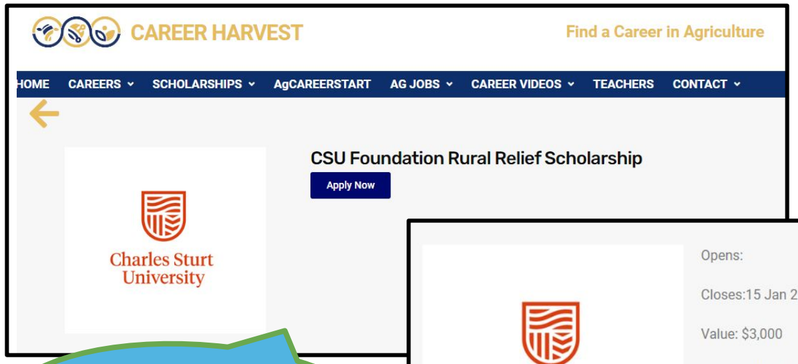
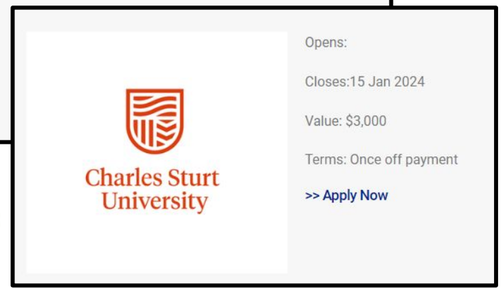
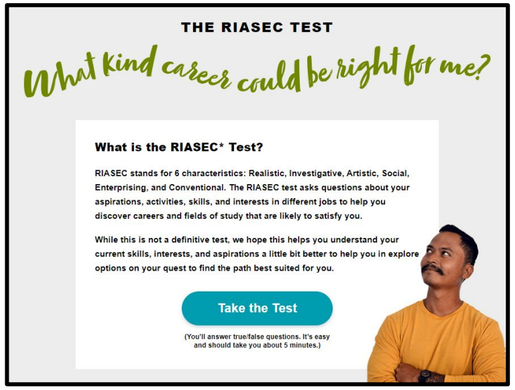
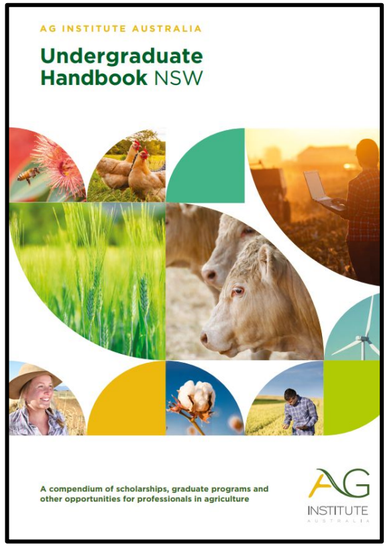
New resources and opportunities for senior students.

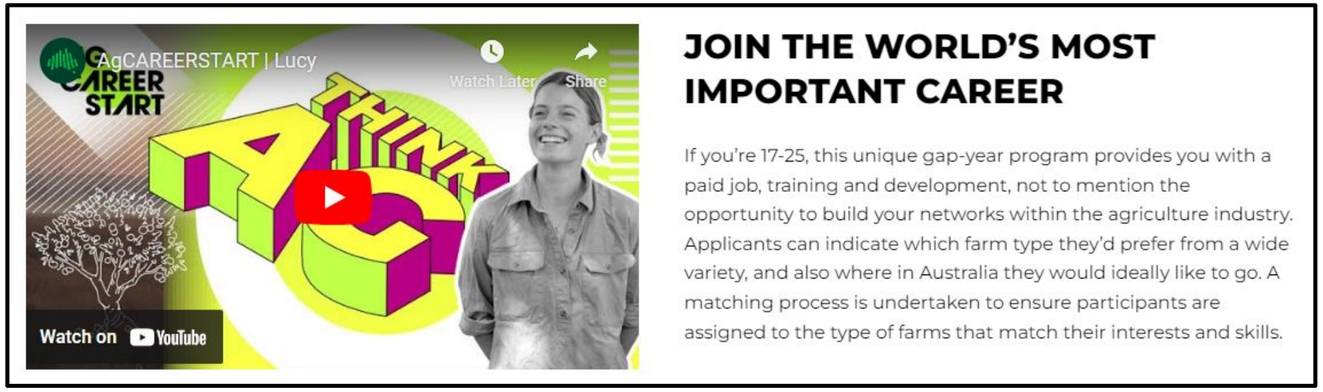




Click on the images for weblinks!







JOIN THE WORLD'S MOST IMPORTANT CAREER

If you're 17-25, this unique gap-year program provides you with a paid job, training and development, not to mention the opportunity to build your networks within the agriculture industry. Applicants can indicate which farm type they'd prefer from a wide variety, and also where in Australia they would ideally like to go. A matching process is undertaken to ensure participants are assigned to the type of farms that match their interests and skills.

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Have your say!

ACER evaluations

Help us improve our programs

All feedback will be useful to assist future events

http://survey.qa/FG4tj5

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Growing the future……

Thank you for attending this event.

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Primary Industries Education Foundation Australia

PIEFA's SFIRP Program is funded by the Australian and NSW Government's Storm and Flood Industry Recovery Program. However, the material contained herein does not necessarily represent the views of either Government.

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