

**Autumn Edition – No: 46
2015**



N.S.W. Association of Agriculture Teachers Inc



www.nswaat.org.au

ABN Number: 81 639 285 642



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President's Report

G'Day All,

Firstly, I would like to thank Carl Chirgwin (Griffith High School) and his executive for all their hard work and dedication they have committed to the NSWAAAT over the past two years. I hope I can fill Carl's footsteps in the role of president for the benefit of Agriculture across the state. I appreciate the confidence the association has in me and believe I can do the job well.

For those who attended the 2015 NSWAAAT conference in sunny Ballina, I thank you for your attendance and contributions. I personally took a lot away from the conference (including a few headaches, but mainly quality info, experiences and networking) and hope that you also extracted some valuable info and networking from the conference. A massive thanks to Mick Melino and his organising team up in the Northern Rivers. Well done, an outstanding effort.

Please note that the 2016 National Association of Agriculture Educators Conference will be held in Perth from 10-16th January and our next NSWAAAT Conference will be January in Sydney in 2017.

Congratulations to Graeme Harris on obtaining the most prestigious award that can be awarded to any teacher of Agriculture in NSW, the JA Sutherland Award. Well done, a great effort.

I look forward to working with all our teachers across many NSW schools and can be contacted via president.nswaat@gmail.com

Yours in Agriculture,

Justin Connors (Manilla Central School)
NSWAAT President
2015-2017



Membership

- Current Association Membership List

June 2015

	Title	First Name	Surname	School
1		Teacher of Agriculture		Dapto High School
2		Teacher of Agriculture		Moss Vale High School
3		Teacher of Agriculture		Mudgee High School
4		Teacher of Agriculture		Pennant Hills High School
5		Teacher of Agriculture		Wingham High School
6		Teacher of Agriculture		Woodenbong Central School
7		Teacher of Agriculture		Wee Waa High School
8		Teacher of Agriculture		Kingswood High School
9	Mr	Bryon	ADAMSON	Corowa High School
10	Mrs	Cassie	ANDERSON	St Paul's College
11	Mr	Philip	ARMOUR	Yass High School
12	Ms	Robbie	ASHHURST	Crestwood High School
13	Ms	Megan	ATKINSON	Elderslie High School
14	Ms	Sunrae	BAILLIE	Great Lakes College, Forster Campus
15	Mr	David	BAKER	Macarthur Anglican College
16	Mrs	Dianna	BEALE	Tumut High School
17	Mrs	Susan	BEHAN	Denison College-Kelso High Campus
18	Miss	Louise	BIANCHI	Prairiewood High School
19	Miss	Erin	BLAKE	Hurststone Agricultural High School
20	Mr	David	BLOWES	Molong Central School
22	Mr	Ben	BOWMAN	Scone High School
23	Mr	Graham	BRAMLEY	St Paul's College
24	Mr	Eddie	BUCKINGHAM	Mullumbimby High School
25	Ms	Jennifer	CAINES	Mount Annan Christian College
26	Mr	Scott	CALLAGHAN	Mount Austin High
27	Mr	Carl	CHIRGWIN	Griffith High School
28	Ms	Tamara	COLE	Model Farms High School
29	Ms	Stephanie	COLGAN	Red Bend Catholic College
30	Mr	Justin	CONNORS	Manilla Central School
31	Mrs	Elena	DAGHER	Bossley Park High School
32	Mrs	Anita	DE LA MOTTE	Bomaderry High School
33	Miss	Erin	DENNIS	Lake Cargelligo Central School
34	Miss	Alice	DORMAN	Trangie Central School
35	Mrs	Susan	EARL	Red Bend Catholic College
36	Mr	Cameron	ELLISON	McAuley Catholic School Tumut
37	Mr	Guy	FAHEY	Albury High School
38	Mrs	Sarah	FOSTER	Dubbo Senior College Campus
39	Mr	David	GILLARD	Wagga Wagga High School
40	Mr	Milton	GOWER	Macarthur Anglican School
41	Mr	Richard	GRANT	James Ruse Agricultural High School
42	Mrs	Claire	HARDY	Menai High School
43	Mr	Graeme	HARRIS	Farrer Memorial Agricultural High School
44	Mrs	Leonie	HARRIS	Frensham
45	Mrs	Lois	HARRISON	Merriwa Central School
46	Mr	Bill	HASZARD	Retired
47	Mr	John	HAWKINS	Wingham High School
48	Mr	Colin	HAWTHORN	Red Bend Catholic College

49	Mr	David	HENRY	Karabar Distance Education Centre
50	Mr	Michael	HOLLAND	Scone Grammer School
51	Mr	Ben	HOLMES	Alstonville High School
52	Mrs	Kristina	HOTSON	Camden High School
53	Mr	Peter	HUMPHRIES	Deniliquin High School
54	Mr	Grant	JACKSON	Gosford High School
55	Mr	Charlie	JAMES	Singleton High School
56	Ms	Jacquie	JOHNSON	Pre-Service Trainee Teacher
57	Mrs	Karen	JOHNSTON	Hurststone Agricultural High School
58	Mr	Jarrold	KELLY	Kyogle High School
59	Mrs	Prue	KESBY	St Mary's College
60	Mr	John	KILLEEN	Bossley Park High School
61	Mr	Shayne	LAWRENCE	Dungog High School
62	Mr	John	LEHMAN	Yolla District High School
63	Miss	Renae	LIDGARD	Molong Central School
64	Mr	Scott	MACKENZIE	GRC Penshurst Campus
65	Mr	Steve	MAGINNITY	Alstonville High School
66	Miss	Hayley	MAHONEY	Picton High School
67	Miss	Melissa	MARSHALL	Moruya High School
68	Ms	Diana	MARTIN	Murwillumbah High School
69	Mr	Greg	McALPIN	Hurststone Agriculture High School
70	Mr	James	McDONALD	Yass High School
71	Mrs	Leigh	McLEAN	Portland Central School
72	Mr	Allan	McMILLAN	Wagga Wagga High School
73	Mrs	Maree	McNEIL	Shoal Haven High School
74	Mr	Mick	MELINO	St Johns College
75	Mr	Luciano	MESITI	Colo High School
76	Ms	Elizabeth	MUDFORD	St Francis de Sales Regional College
77	Mr	David	MULLER	St John Evangelist Catholic High School
78	Mrs	Rochelle	MUTTON	MacKillop College
79	Mrs	Bronwyn	NIELSEN	Calrossy Anglican School
80	Mr	Steven	NOAKES	Kadina High School
81	Mr	Graham	QUADE	Tullamore Central School
82	Mr	Graham	QUINTAL	Treasurer NSWAAAT
83	Mr	Renato	RAMSAY	Sydney Distance Education High School
84	Mr	David	RANDALL	Richmond High School
85	Ms	Tiffany	ROBERTSON	Coonamble High School
86	Mr	Warwick	ROLFE	Hunter River High School
87	Mrs	Katie	ROWE	Gulgargambone Central School
88	Mr	Peter	RYAN	Nowra High School
89	Mr	David	SAUNDERS	Orana/Coffs Harbour
90	Mr	Warwick	SHAW	Woodenbong Central School
91	Miss	Nicole	SIMMONS	Warialda High School
92	Mr	Paul	SMITH	Cowra High School
93	Mr	Jade	SMITH	Dunedoo Central School
94	Mr	Geoff	SMITH	Oakhill College
95	Mrs	Deb	SNAITH	Macintyre High School
96	Mr	Stuart	STOUT	Leeton High School
97	Mr	Leigh	THATCHER	Pittwater High School

98	Mrs	Katie	TWOMEY	James Ruse Agricultural High School
99	Ms	Caroline	UNTERRHEINER	Tumbarumba High School
100	Miss	Skye	VAN DEN BERGE	Marion College
101	Mr	Ron	VICTOR	Morisset High School
102	Ms	Jane	WALKER	Chatham High School
103	Mrs	Nikia	WATERS	Hillston Central School
104	Mr.	Gary	WEBB	Finley High School
105	Miss	Nicolet	WESTERHOF	Elizabeth Macarthur High School
106	Mr	Mark	WHITFELD	All Saints College Bathurst
107	Mrs	Melissa	WILLCOCKS	Ashford Central School
108	Mr	Maurice	WOODMAN	Murray High School
109	Mrs	Jennifer	WOODWARD	Byron Bay High School
110	Mr	Luke	WOODWARD	Richmond River High School
111	Mrs	Jan	YOUNG	Murrumburrah High School

Life Members

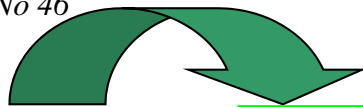
Ian	BAIRD
Tony	BARNETT
Don	BARTHOLOMEW
Lisle	BROWN
Tony	BUTLER
Peter	CRICK
Rod	FRANCIS
Ivan	GANT
Bob	GUEST
Graeme	HARRIS
Phil	HURST
Peter	JONES
John	LEE
Robyn	O'LEARY
Gail	ROBERTS
Norm	ROBINSON
Trevor	SEWELL
Jenni	WILKINS

Associate Membership

Sally	BANNERMAN	SACEC
Arthur	KELLY	NSW BOSTES
NSW	RAS	Sydney Olympic Park
Cameron	ARCHER	Tocal College (NSW)
Ben	STOCKWIN	PIEF (ACT)
Jade	HAUSER	UNE (NSW)

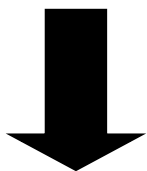
Affiliate Membership – (NAAE)

Alysia	KEPERT	Agriculture Curriculum Consultant (WA)
Andrew	COSBY	Elisabeth Murdoch College (VIC)
Andrew	JOKANTAS	Nhill College (VIC)



NSWAAT Winter Muster

**A
g**



TREASURER

Graham Quintal

16 Finlay Ave
Beecroft NSW 2119
treasurer.nswaat@gmail.com

If you are:

- *not financial or*
- *a new graduate or*
- *your membership status has lapsed*

& you require

- *Resources.*
- *Aggie contacts.*
- *Information/subsidies of Agriculture Teachers conferences.*
- *Assistance in your professional duties.*

then you need to join the Association to assist in maintaining:

- *the Association's strength & support across the state,*
- *the place of your subject in the school curriculum,*
- *networking throughout the state,*
- *delivery of a BAAT, once a term via email,*
(Bulletin Association of Agriculture Teachers)
- *your say in Agriculture & PI teaching issues,*
- *access to professional readings.*

**COMPLETE THE
"APPLICATION FOR
MEMBERSHIP"
FORM ON THE NEXT
PAGE
&
SEND TO THE
ASSOCIATION'S
TREASURER WITH
YOUR PAYMENT.**

NSWAAT WEBSITE

www.nswaat.org.au

Please visit the website and catch up on what has been happening.

There are lots of photos from the Biennial Conference and many resource links to assist your teaching of Agriculture and Primary Industries.

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Membership Application



ABN: 81 639 285 642

TITLE		NAME			
SCHOOL					
POSTAL ADDRESS					
				Postcode	
EMAIL					
PHONE				FAX	
MOBILE				DATE	
MEMBERSHIP	School		Individual		Payment Method

Email this Membership form to: treasurer.nswaat@gmail.com

Post cheque to:

OR

Pay via Direct Deposit:

Graham Quintal
16 Finlay Ave
BEECROFT
NSW 2119

Account Name: NSW Association of Agriculture Teachers
BSB: 082 939
Account Number: 639 757 522
Reference: Your Initial, Surname and "Memb".

MEMBERSHIP FEES: \$60 / annum

MEMBERSHIP REQUESTED	No of Years	
PAYMENT \$		

* Membership is based on a calendar year.

Office Use Only

Date Received		Receipt #		Receipt Sent	
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NSW Association of Agriculture Educators

The J.A. Sutherland Award

For excellence / contribution to Agricultural Education in NSW Secondary schools.

The most prestigious award that can be awarded to any teacher of Agriculture in NSW is the J.A. Sutherland Award. The J.A. Sutherland award is named after Alan Sutherland.

Citation JA Sutherland Award 2015

Graeme Francis HARRIS

Graeme is passionate about Agriculture and Agricultural education and has been a strong advocate for the need for a robust agricultural education sector for Australia's ongoing development and place in meeting the food and fibre demands of the future.

Some of this advocacy has been as a member of the NSWAAAT, having held a number of senior positions within the organization.

A few of his contributions to Agricultural Education are as follows:

Qualifications

B.Sc.Agr(Educ) UNE – Teaching methods - Junior and Senior Agriculture, Junior Science, Senior Biology - Thesis studied under JA Sutherland.

Cert of Gifted Education UNSW

Cert IV Training and Assessment

Cert IV Chemical Risk Management

Cert II Agriculture + 17 units toward Cert III Agriculture - Crop production.

Awards

2007 National Trade Teacher of the Year – Agriculture: Institute for Trade Skills Excellence Nominated by Cotton Australia

2007 VET in Schools Finalist NSW State Training Awards

2007 New England North West VET Teacher of Year

1995 BHP Science Teacher of Year NSW award recipient

Current roles

Head Teacher Agriculture and Vocational Education at Farrer Memorial Agricultural High School.

Vice President, National Association of Agricultural Educators.

ACARA: Development of the National Curriculum in Technologies: Advisory Panel 2011-2012, National panel 2012-2015

Member NSW DEC State Agriculture Advisory Group

Trainer ChemCert NSW

Past Roles

President NSW Association of Agriculture Teachers (twice)
BAAT editor NSWAAAT
Developed first website for NSWAAAT
NSWAAAT Conference organiser Tamworth
Secretary National Association of Agriculture Educators (4 years)
Member of organising committee 2014 NAAE conference NZ
Teacher of Agriculture Farrer Memorial Agricultural High School 1979-2007
Convenor State WorldSkills Comp, 2006, Regional Comp 2005-2008, Author
Regional WorldSkills PI competition.
HSC Marker/ Senior Marker / Supervisor of Marking 2U Agriculture 2003 -
present.
Co-Author: Support Material for current Primary Industries VET Framework
Syllabus, BOS
Contributor to development of Partnership toolbox (PIPS) for Primary Industries
Education Foundation
Member of Advisory Panel for “Prattley Review” of Agricultural Education in
NSW on behalf of NSWAAAT
Public Officer and member Tamworth VetNetwork
Member Tamworth FarmSafe Committee
Technical member for Agrifood Skills Council Project team for machinery units
in AHC Training Package.
Guest Speaker &/or panelist Agrifood Skills Council conference. 2007, 2008,
2010.
Reviewer for SCAN internet resources 2007-2009
GoVet Primary Industries internet content manager 2007-2009

Graeme Harris is an outstanding Agriculture worker and is a worthy recipient of the J A Sutherland Award for his significant contribution to the teaching of Agriculture in NSW and for his contribution to the NSWAAAT.

Compiled by Carl Chirgwin.



COMMITTEE PROFILES

Name: Erin Michelle O'Neill

Position: BAAT Editor, Agriculture Teacher, PBL Coach

School: Lake Cargelligo Central School

No. years Teaching: 10

Snapshot of your school & district: Lake is a town of about 1300 people with 250 kids at school from K to 12. We are a major farming community with winter cereals, sheep and cattle being our main enterprises. We are situated on a beautiful inland lake that has so much potential! We are an isolated and very low socioeconomic area with our closest main centre being 120km away. We have a good little school though!

Fav Thing about teaching: Every day is a new day with something different

Worst thing about teaching: Paperwork and preparation

Teaching Motto: You win some you lose some, Just keep swimming, Pain is temporary!

Advice for other Ag Teachers: Get to know other Ag teachers in your area and association so you can lean on them for support and bounce ideas off them.

Teaching resource: HSC Keywords table. I find it mega helps my students answer exam questions!!



Name: Graham Quintal

Position: Treasurer NSWAAAT

School: N/A - Retired

No. years Teaching: 37

Fav Thing about teaching: Kids discovering where food comes from, and enjoying eating it

Worst thing about teaching: Reports

Teaching Motto: Every day is a new day which brings new surprises

Advice for other Ag Teachers: Stick with it guys. Soon they will realise that everybody needs food

Ag Keywords – Lake Cargelligo Central School

<u>Keyword</u>	<u>Meaning</u>	<u>Remember</u>	<u>Example</u>
Identify	Name something	One or two words	cow
Outline	List the main features	2 or 3 dot points	<ul style="list-style-type: none"> - Gather ingredients and mix - Place in feeding trough & bring cows in.
Describe	Provide features	Sentences and more in depth	The temperature needs to be between 5 and 25 degrees for photosynthesis to occur.
Explain	Relate cause & effect	Sentences, uses therefore, but. so	There will be more meat to sell therefore you will get more money.
Discuss	State issues, ads/disads	Table	Mulesing stops blowfly due to wool free area. It cause pain to lambs.
Justify	Support an argument	Sentences, one sided	Mulesing stops blowfly and lowers chemical costs.
Evaluate	State issues, ads/disads, judgement	Table	Although mulesing is painful it is better for lambs to suffer a little than to die a painful death as an adult.
Analyse	In depth examination	Need to give: Strengths Weaknesses Opportunities Threats	Live Export S – provides income W – crammed on ship O – live overseas markets T – animal welfare groups
Don't rewrite the question!!	The first thing that comes to your head is usually right.	Check back thru work especially if you miss questions.	Always write something as 99% of the time you will get at least one mark!

Remember to match marks with writing amount! EG. 3 marks = 3 sentences or points or issues!

Name: **Carl William Keith Thomas Chirgwin**

Position: **NSWAAT Secretary**

School: **Griffith High School**

No. years Teaching: **12**

Snapshot of your school & district:

Griffith High School has a student population of 520 with 29 ethnic groups and 30% students doing Agriculture/Primary Industries from Years 8-12. GHS is located in the abundant irrigation centre of the Riverina. We are lucky to be able to study; sheep, cattle, poultry, wheat, rice, barley, oats, sorghum, oranges, grapes, cotton, corn, almonds, walnuts, stone fruits, pork, sunflowers, timber, dairy and a few others. This gives our students a vast amount of knowledge of the varied range of Agriculture enterprises occurring in Australia.

Fav Thing about teaching: **Escaping to the ag farm where animals and plants understand me**

Worst thing about teaching: **Being stuck in a classroom for 20 minutes or more**

Teaching Motto: **Start with good soil and enjoy a bumper harvest.**

Advice for other Ag Teachers: **Join the NSWAAT to engage in keeping yourself 'fresh and motivated' to educate the future agriculturalists.**



Food Gardens in Schools

Changes to the program in 2015

In 2015 the Food Gardens in Schools program will combine with the [Eco Schools](#) grants program to make it easier for schools to apply for funding. In 2015, the combined program will:

- Increase funding available for school environmental education projects
- Provide greater opportunity for students with special needs by funding a broader range of environmental projects
- Up to 80 grants of \$3,500 each will be available under the Eco Schools program in 2015, of which any number can be Food Garden projects. A further 18 grants of \$3,500 each will be offered for projects catering for students with special needs.

Further information will be available on the [Eco Schools](#) web page when the 2015 grants program opens for application in March 2015.

<http://www.environment.nsw.gov.au/grants/schools.htm>

Eco Schools grants

Changes to the program in 2015

In 2015 the Eco Schools grants program will combine with the [Food Gardens In Schools](#) program to make it easier for schools to apply for funding. In 2015, the program will:

- increase funding available for school environmental education projects
- provide greater opportunity for students with special needs by funding a broader range of environmental projects
- offer up to 80 grants of \$3,500 each over two years. A further 18 grants of \$3,500 each will be available for projects catering for students with special needs.

Further information will be available when the 2015 grants program opens for application in March 2015.

The Eco Schools Grant Program aims to provide learning opportunities for students, teachers and the school community, through hands-on curriculum-based environmental projects that focus on strong student participation.

Objectives

Environment	to promote more efficient resource use and improve the quality of the local environment to enable schools to address community and government environmental concerns and priorities.
Students	to promote the development of students' knowledge, values and behaviour that supports environmental sustainability to promote participation and learning of students in improving the quality of the school and local environment.
Teachers	to assist teachers to integrate environmental management principles and practices into school programs and maximise student learning to ensure project related professional learning for teachers to gain practical and educational skills and knowledge about the environment.
School development and management	to encourage a whole-of-school approach to sustainable management of school operations to fund schools to utilise the natural and built environment to facilitate student learning.

UNE Business School

Jade Hauser
Liaison Officer
University of New England
Armidale NSW 2351
Australia

Phone +61 2 6773 2303 Email jhauser2@une.edu.au www.une.edu.au/business-school/



UNE Getting Ag Ahead: A premium career in a premium industry

A team of four students from the University of New England's Business School will be representing Australia at the 2015 International Food and Agribusiness Management Association (IFAMA) 25th Annual World Symposium and Forum in the USA. The UNE team needs national support, which will help UNE to put Australian agribusiness on the international map. IFAMA's 2015 theme is



"Becoming the Solution" focusing on Innovation, Talent, and Technology in 21st Century of Agribusiness. This will be a key discussion point for change makers at the conference. The Case Study Competition gives us the chance to see how Australia's best line up against, and amongst, the World's best. Our four students will be networking with Australian businesses leading up the event, visiting international companies while in the US, and speaking about their experiences when they return. Your sponsorship and support of the team can make this happen, and link you to an international network of tomorrow's leaders in primary and regional industries.

Entering a New England team in this competition is a key UNE Business School initiative in its growth strategy for the Agribusiness and Agricultural & Resource Economics degrees. The partnership with Rimfire Resources, a specialist agribusiness recruitment agency, has provided focus for accessing the large and growing employment opportunities job market in the Business and Economics of Agriculture and the Regions. Sponsorship currently from the Council of Rural Research and Development Corporations, Grain Growers and Rimfire Resources has made this initiative possible, and UNE Business School is taking the team forward both in technical preparation and in linking it to Australian and New England business networks. We encourage your members to get to know these students, and watch their progress.



The UNE team comprises of Peggy Keats (Cloncurry, QLD), Craig McGlashan (Bugaldie, NSW), Elizabeth Star (Cudgewa, VIC) and Sarah Rohr (Silverdale, NSW). **To meet the team, monitor its progress please keep in contact with UNE Business School Liaison Officer Jade Hauser jhauser2@une.edu.au.** Team members will be visiting businesses before and after the competition, and will be making presentations on the experience and its meaning for their careers. Most importantly this program puts you in touch with the future of agricultural and rural business through UNE.



Sponsorship opportunity for the National Association of Agricultural Educators biennial conference in January 2016

To whom it may concern,

The Agricultural Educators Association of WA will be hosting the biennial National Association of Agricultural Educators (NAAE) conference from 10-15th January 2016. Conference delegates will be predominantly teachers that deliver agricultural education and training across Australia and New Zealand and will participate in a program of activities based around Harvey and Denmark.

As you can appreciate, creating a sustainable agricultural workforce is a priority for our industry, as is raising awareness in the general population about food production issues.

Agricultural educators, by nature, are very passionate about promoting agricultural careers and educational pathways to students to address current and future workforce issues. They also encourage students to further their involvement in rural communities which is a key component of their own sustainability.

The conference allows participants to access the latest curriculum resources and industry developments, and to network and share information that ultimately aims to support the Australian agricultural industry.

I am pleased to offer your organisation the opportunity to support the event through sponsorship.

Your support could be in a range of forms such as:

- A donation for general conference expenses,
- A donation of hospitality, such as pre-dinner drinks,
- A donation of merchandise for delegates,
- Access to sites or speakers as part of the conference program.
- Bursaries to support agricultural teachers to attend.

Sponsors would be recognized within conference programs and in welcome and farewell speeches.

Could you please let me know if you are interested in discussing support for our conference? I am hopeful with a twelve month lead time, that we might be included in your sponsorship allocations.

I can be contacted on 08 9264 4187 or 0417179181, or alternatively by return email.

Thank you for your consideration.

**Alysia Kepert
President
Agricultural Educators Association of WA**

5 March 2015

Agriculture Resources

<http://youtu.be/sk5s9ZuuNXo>



Career Opportunities in Australian Agriculture

<http://www.rasnsr.com.au> What are the kinds of opportunities available to youth who are seeking a career in the agricultural industry? How can the RAS help?
youtube.com

https://www.youtube.com/watch?v=fFUZ_j2cCe0



Australian Agriculture - The Greatest Story Never Told

The story of agriculture in Australia - the greatest story never told. It's our farmers that sustain our way of life and help ensure the economic well-being ...
youtube.com

This link may be of interest to people. It is related to feedlot operations and looks to have some good articles and info available.

https://www.facebook.com/permalink.php?story_fbid=393092307525175&id=287871928047214&substory_index=0

<http://www.growingforthefuture.com/unileverim.../content/9-3-3> good link on animal welfare, however, it is dairy based but answers the freedoms really well!



9.3.3 Animal Welfare: Animal Welfare Management: Good Practices for Animal Welfare

Good Practices for animal welfare, listed in the order found in the Sustainable Agriculture Code

AN interesting website with Australian agriculture and food industry history timeline
<http://meandmybigmouth.com.au/>



Australian food history timeline - Growing, eating & buying food since 1788.

Growing, eating & buying food since 1788.
meandmybigmouth.com.au

A good article for Prelim Overview on Aboriginal land management.
<http://www.abc.net.au/.../rethinking-indigenous-austr.../5452454>



Rethinking Indigenous Australia's agricultural past

Historians are looking into the possibility that the first Australians practised forms of agriculture and aquaculture, writes Cathy Pryor.
abc.net.au

Compost Worms

1800 compost worms guaranteed alive when delivered to your school.

Please Note:

1. Invoice sent with worms
2. The Ag department will lead the way in green waste recycling in your school
3. You will become the boss's best mate

Contact: Bill Haszard

0429 099 794 or haszard3@bigpond.com



GREAT GROUPS TO JOIN

How to Join the NSWAAAT Edmodo group

You will need to sign up to Edmodo. Go to <https://www.edmodo.com/>

Edmodo is a place where people can interact, share information, post website info, upload files, etc.

To sign up NSWAAAT group go to <https://www.edmodo.com/home#/group?id=5743361> and type in the access code. 4mi2ki and you are in. Phil Armour (NSWAAAT moderator and administrator) will try to check at least daily to ensure that new members are given full access privileges.

How to join the NSWAAAT Facebook Page

You will need to set up a personal Facebook account if you don't already have one.

On Facebook, you then need to search NSWAAAT and ask to join the group. You will then be approved and ready to rumble!

The Facebook page is fantastic for up to date resources, videos and news articles. It is also a great way to publish and promote what you are doing at school during the week. You can post pictures and stories instantly, ask for help and keep in touch with fellow Ag teachers across the state.

Personally, I think this Facebook page helps me more than any other resource.

Thanks to everyone who is already on the page and sharing their resources, experiences and opinions!!

HELP!!!

The Treasurer recently received a Direct deposit for membership from Susan Adam, but did not receive any membership form, school, address or email contact. If anyone knows Susan could they ask her to contact Graham Quintal at treasurer.nswaat@gmail.com as we need to send information to her.

School agriculture studies about much more than just 'shovelling cow poo' at Queensland Agriculture Educators Conference

OLD Country Hour

Updated 19 Jan 2015, 9:24am Mon 19 Jan 2015, 9:24am



Photo: Hands-on problem solving has to be a key component of ag studies

"We have to move away from agriculture being about shovelling cow poo and driving tractors."

Queensland Agriculture Teachers Association president Ku Lacey, believes a greater emphasis has to be placed on school-based agriculture subjects, to address the nation-wide skills shortage in the industry.

"We have agricultural physicists who map the movements of bacteria in the soil," she said.

"For those higher-end careers, we really need to position agriculture in a way that it is an attractive option for students."

Mrs Lacey said another major challenge is to convince universities and employers to give more recognition to primary industry-based subjects.

This week, the Queensland Agriculture Educators Conference has seen teachers from across the state, gather in Rockhampton to discuss strategies to make agricultural studies more appealing to high school students, particularly to those without a family farming background.

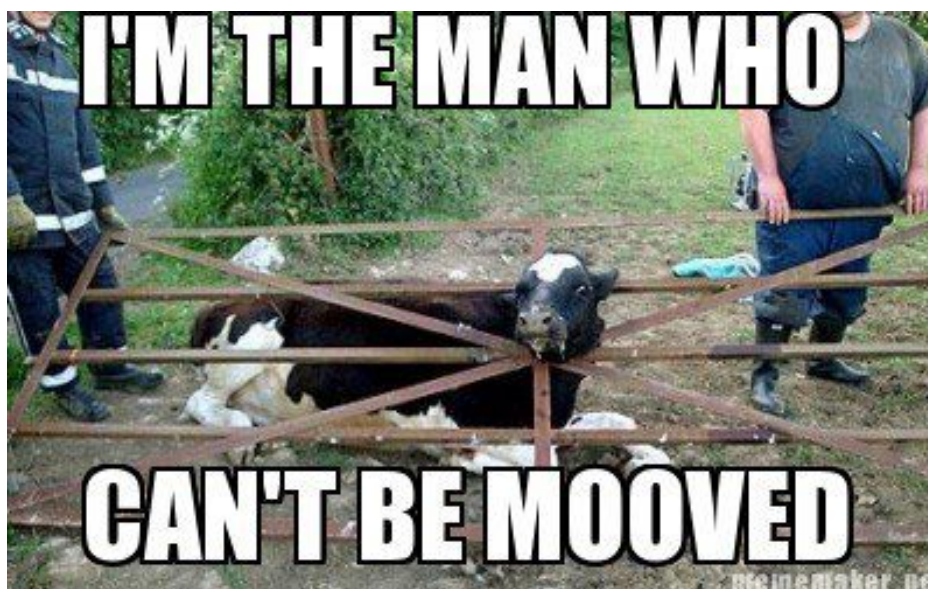
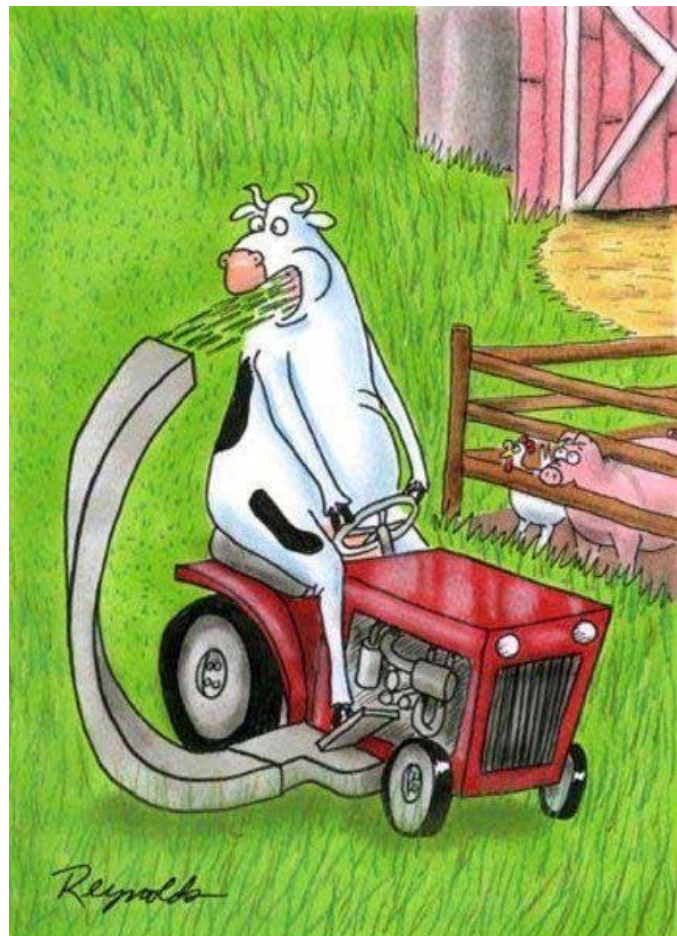
"We cannot expect that rural kids are going to be the ones that replace the generation prior to them," said Mrs Lacey.

Rural lobby group AgForce has helped to coordinate the conference through its School to Industry program.

AgForce training manager Peter Smith is convinced a 'multi-pronged' approach, including a focus on solving 'un-Google-able' problems, is needed to boost enrolment numbers and recruit some of the brightest young minds to agriculture.

"It produces a student who is used to inquiry based learning and can solve problems because that's what we think people on the land want from their employees," he said.

"If they can Google the answer, why bother doing it?"



International Year of Soils 2015 Key messages

Food and Agriculture Organization of the United Nations



Healthy soils are the basis for healthy food production.



Soils are the foundation for vegetation which is cultivated or managed for feed, fibre, fuel and medicinal products.



Soils support our planet's biodiversity and they host a quarter of the total.



Soils help to combat and adapt to climate change by playing a key role in the carbon cycle.



Soils store and filter water, improving our resilience to floods and droughts.



Soil is a non-renewable resource; its preservation is essential for food security and our sustainable future.

<https://m.youtube.com/playlist...>



2015: International Year of Soils

<https://m.youtube.com/playlist?list=PL3srtaIPWjyerzgtf5STDnd1e8HhR0NSF>
m.youtube.com

Farmers urged to rethink safety after quad bikes cause 15 deaths and countless injuries in 2014

ABC Rural

By [Jeremy Story Carter 24](#)

Updated 15 Jan 2015, 3:01pmThu 15 Jan 2015, 3:01pm

Photo: [Farmers are being told to reevaluate which farm tasks are appropriate to use quad bikes. \(ABC Rural\)](#)



Farmers are being urged to rethink the way they travel around the farm, after 15 people died last year as a result of quad bike related incidents.

The Australian Centre for Agricultural Health and Safety says almost all of the 15 quad bike deaths occurred on farms, in addition to an almost unquantifiable number of injuries.

We know the burden resulting from quads is actually very significant within rural communities.

Australian Centre for Agricultural Health and Safety director Tony Lower

"We know the burden resulting from quads is actually very significant within rural communities," said the Centre's director, Tony Lower.

The Centre's statistics of 15 quad bike deaths and 86 recorded injuries were obtained by compiling incidents recorded throughout national print media coverage.

Mr Lower said the fatality figures were accurate, as they could be matched to coronial records, but quad bike injury totals were likely to be significantly higher.

"Information we've collected from Victoria suggests that, for every fatality, there are at least 40 hospital admissions plus a further 40 presentations to emergency departments."

Media player: "Space" to play, "M" to mute, "left" and "right" to seek.

The deaths predominately occurred as a result of quad bikes either rolling over and trapping the driver under the vehicle, or by drivers being thrown from bikes and suffering head or spinal injuries. Mr Lower stressed that farmers need to consider whether quad bikes are the most appropriate vehicle to carry out a task and, if they are, to always wear a helmet and not drive with children on board.

He also placed responsibility at the feet of quad bike manufacturers, who he said could be doing more to increase driver safety.

"If you look at any area of investigation like this, there is a responsibility for the manufacturers of the vehicles, so it is a joint responsibility."



Actually, Raising Beef Is Good for the Planet

Despite environmentalists' worries, cattle don't guzzle water or cause hunger—and can help fight climate change

Grasslands for cattle safeguard soil, water and land. *GETTY IMAGES*

By

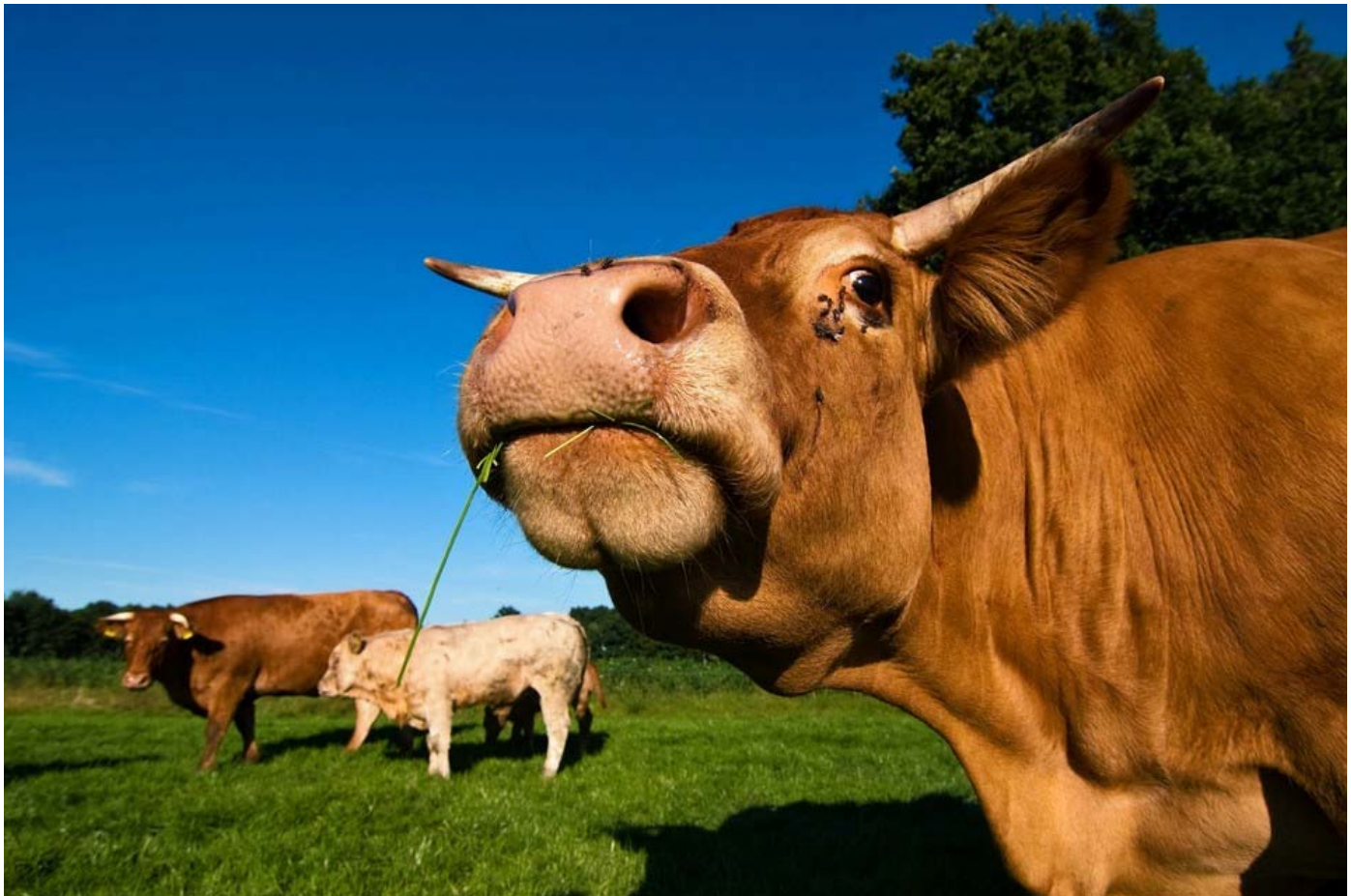
Nicolette Hahn Niman

Dec. 19, 2014 6:12 p.m. ET

People who advocate eating less beef often argue that producing it hurts the environment. Cattle, we are told, have an outsized ecological footprint: They guzzle water, trample plants and soils, and consume precious grains that should be nourishing hungry humans. Lately, critics have blamed bovine burps, flatulence and even breath for climate change.

As a longtime vegetarian and environmental lawyer, I once bought into these claims. But now, after more than a decade of living and working in the business—my husband, Bill, founded Niman Ranch but left the company in 2007, and we now have a grass-fed beef company—I've come to the opposite view. It isn't just that the alarm over the environmental effects of beef are overstated. It's that raising beef cattle, especially on grass, is an environmental gain for the planet.

Let's start with climate change. According to the Environmental Protection Agency, all of



U.S. agriculture accounts for just 8% of our greenhouse emissions, with by far the largest share owing to soil management—that is, crop farming. A Union of Concerned Scientists

report concluded that about 2% of U.S. greenhouse gases can be linked to cattle and that good management would diminish it further. The primary concern is methane, a potent greenhouse gas.

But methane from cattle, now under vigorous study by agricultural colleges around the world, can be mitigated in several ways. Australian research shows that certain nutritional supplements can cut methane from cattle by half. Things as intuitive as good pasture management and as obscure as robust dung beetle populations have all been shown to reduce methane.

At the same time, cattle are key to the world's most promising strategy to counter global warming: restoring carbon to the soil. One-tenth of all human-caused carbon emissions since 1850 have come from soil, according to ecologist Richard Houghton of the Woods Hole Research Center. This is due to tillage, which releases carbon and strips the earth of protective vegetation, and to farming practices that fail to return nutrients and organic matter to the earth. Plant-covered land that is never plowed is ideal for recapturing carbon through photosynthesis and for holding it in stable forms.

Most of the world's beef cattle are raised on grass. Their pruning mouths stimulate vegetative growth as their trampling hoofs and digestive tracts foster seed germination and nutrient recycling. These beneficial disturbances, like those once caused by wild grazing herds, prevent the encroachment of woody shrubs and are necessary for the functioning of grassland ecosystems.

Research by the Soil Association in the U.K. shows that if cattle are raised primarily on grass and if good farming practices are followed, enough carbon could be sequestered to offset the methane emissions of all U.K. beef cattle and half its dairy herd. Similarly, in the U.S., the Union of Concerned Scientists estimates that as much as 2% of all greenhouse gases (slightly less than what's attributed to cattle) could be eliminated by sequestering carbon in the soils of grazing operations.

Grass is also one of the best ways to generate and safeguard soil and to protect water. Grass blades shield soil from erosive wind and water, while its roots form a mat that holds soil and water in place. Soil experts have found that erosion rates from conventionally tilled agricultural fields average one to two orders of magnitude greater than erosion under native vegetation, such as what's typically found on well-managed grazing lands.

Nor are cattle voracious consumers of water. Some environmental critics of cattle assert that 2,500 gallons of water are required for every pound of beef. But this figure (or the even higher ones often cited by advocates of veganism) are based on the most water-intensive situations. Research at the University of California, Davis, shows that producing a typical pound of U.S. beef takes about 441 gallons of water per pound—only slightly more water than for a pound of rice—and beef is far more nutritious.

Eating beef also stands accused of aggravating world hunger. This is ironic since [a billion of the world's poorest people depend on livestock](#). Most of the world's cattle live on land that cannot be used for crop cultivation, and in the U.S., 85% of the land grazed by cattle cannot be farmed, according to the U.S. Beef Board.

The bovine's most striking attribute is that it can live on a simple diet of grass, which it forages for itself. And for protecting land, water, soil and climate, there is nothing better

than dense grass. As we consider the long-term prospects for feeding the human race, cattle will rightly remain an essential element.

—Ms. Hahn Niman is the author of “Defending Beef: The Case for Sustainable Meat Production” (Chelsea Green), from which this is adapted.

<https://www.youtube.com/watch?v=3eFCX5ShzXI>

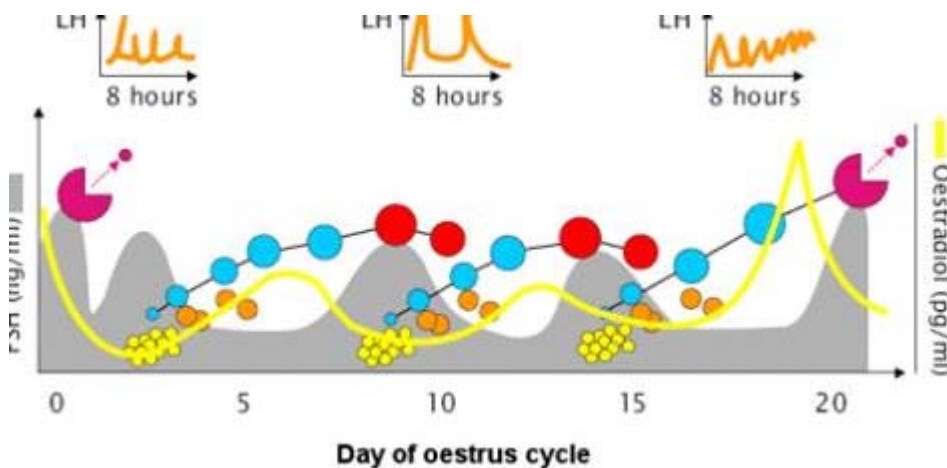


Cow Embryo Flush

Information video detailing the step-by-step process of a cow embryo flush. This shows how fertilized embryos are removed from a prized cow.
youtube.com

This is a really good page for hormones etc

<http://www.partners-in-reproduction.com/.../follicular-develo...>



Follicular development in cattle

Merck Animal Health
partners-in-reproduction.com

Carry out regular livestock observations

“Animal management and animal health cannot be separated-everything done to or for an animal will have an impact on the animal's health, either positive or negative.”

Why do you carry out regular livestock observations?

Firstly we need to know what is “healthy” for an animal before we can determine it is “sick/ injured”. Remember some animals may not fit the “normal” but as long as you know that it is “normal” for that individual animal, and then you can determine when it is unwell.

How does a farmer recognise health issues?

Vital signs: Farmers need to be familiar with animal's vital signs. These include:

P _____ Rate

R _____ Rate

B _____ Temperature

These signs should be measured at r ____.

Normal Rectal Temperature:

Species	Degrees
Beef Cattle	
Dairy Cattle	
Chicken	
Goat	
Mare	
Pig	
Sheep	

Take sheep and cattle temperature and record: Ewe:

Ram:

Steer:

Resting heart rate:

Species	Bpm (range)
Chick	
Chicken	
Horse	
Goat	
Sheep	
Pig	
Dairy cow	

Listen to sheep, chick and chicken heart rate

Resting respiratory rates:

Species	Breaths/ min (range)
Dairy cow	
Horse	
Pig	
Sheep	
Cat	
Dog	

Listen/ feel Sheep respiratory rates

In addition to vital signs, a farmer should continually observe the natural habits and behaviour of stock. Any changes should be investigated immediately.

- 1) *Food and water:* A healthy animal IS interested in food. They will graze or if locked up, look forward to their next feed. A healthy animal will drink water (easily checked when locked up but harder in a large paddock)
P__: scoops feed with jaw, takes a few bites, then drinks, repeats until full, then lies down in comfortable spot to digest.
C__: pulls forage with tongue, bites off and swallows whole, continues until full, then finds a comfortable spot to ruminate (one can observe cud chewing and see rumen contractions).
C_____: takes water up in beak and raises head to swallow.
- 2) *Appearance:* A healthy animal appears b_____ and a_____. It will show normal response to humans eg: moving away. Brightness is most apparent in their eyes. The animal will show interest in noise or unusual sights.
- 3) *Coat/Skin:* A healthy animals skin will be supple and in good condition. H_____ is one of the first parts of the body to register ill health and will look d____ is animal is lacking essential nutrient.
- 4) *Mucous membrane:* The c_____ of the mucous membrane is a good indicator of health. Membranes are found around the e____, on the g____, inside the m____. In healthy animals it should be a salmon p_____ colour (but not red.)
- 5) *Manure:* A healthy animal will pass the normal number of droppings per day. They should not be too l_____ or too d_____ for the type of livestock, and be passed easily. Manure should be free of blood, not smell (to bad) and be a consistent colour for that species. This is also the same for urine.
- 6) *Movement:* A healthy animal will move around freely. It will not lean to one side, hobble or keep one limb up. A healthy animal will not struggle to move around.
 Carry out observations on the sheep, alpaca, steer and chickens. Follow the checklist below:
 - 1) Is the animal eating?
 - 2) Is the animal drinking?
 - 3) Is the animal moving properly?
 - 4) Is the skin and hair normal?
 - 5) Is their discharge from the nose?
 - 6) Is the animal making unusual sounds? Eg coughing
 - 7) Does the animal have any wounds?
 - 8) Are the faeces normal?
 - 9) Is the urine normal?
 - 10) Is the animal behaving normally?
 - 11) Does the animal have a normal attitude (interested in you or a unusual sound)?
 - 12) Breathing eg is it slow and shallow or fast?
 - 13) Are there external parasites present?
 - 14) Is the animal too thin? Condition score the animal

Create a table to record your results

Farmers can carry out these observations daily. If they suspect an animal isn't "normal" then they can investigate further eg check vital signs.

Safety Signs in Primary Industries

Hazard or **warning symbols** are recognisable symbols designed to warn about hazardous materials, locations, or objects. The use of hazard symbols is often regulated by law and directed by standards organisations. Hazard symbols may appear with different colours, backgrounds, borders and supplemental information in order to specify the type of hazard. Warning symbols are used in many places in lieu of or addition to written warnings as they are quickly recognised (faster than reading a written warning) and more universally understood (the same symbol can be recognized as having the same meaning to speakers of different languages).

Match the names and symbols

Cut out the symbols and names – match



General caution

Toxic

Biohazard

Ionizing radiation

Flammable

Compressed gas

Corrosive

Environmentally damaging

Work Health and Safety in Primary Industries

Hazards and risks occur when working in primary industries.

Define Hazard:

Define risk:

“Farming is one of the most dangerous occupations in Australia. Only one in 10 workplaces are farms, yet they account for one quarter of all work-related deaths. Children under 15 years and adults over 65 years are more likely than others to be injured or killed on farms. Males are more likely to be injured than females.”

Discuss this statement

Not all farms are the same, however, hazards common to most farms include:

- **Animals –**

- **Chemicals –**

- **Confined spaces –**

- **Electricity –**

- **Heights –**

- **Machinery –**

- **Noise pollution –**

- **Vehicles –**

- **Water –**

- **Weather –**

The number of people who are unintentionally killed on Australian farms accounts for _____ per cent of worker fatalities across all Australian industries. There are many more who suffer major injuries that require hospitalisation and significant time off work. Those older than _____ years accounted for _____ per cent of all deaths.

Between 2003 and 2011, there were a total of _____ non-intentional injury deaths on Australian farms. This includes fatalities across the dairy, grain and pastoral industries. Vehicle incidents (tractors, quad bikes and farm utilities) continue to be the leading cause of adult (greater than 15 years) deaths.

Farm dams and other bodies of water (such as creeks and channels) continue to be the single largest cause of child deaths. Each year, five visitors or family members are killed on farms and four out of five are children under _____ years. The second most common cause of deaths for this group from 2003 to 2011 was falls from a vehicle (motorbikes, farm utilities and quad bikes).

Suggestions for making your farm a safer place to work include:

- Regularly walk around your farm and assess potential d_____.
- Consult with farm safety advisers
- Create a safe and contained play area for young children close to the house and away from h_____.
- Make sure everyone working on the farm is properly e_____ on farm risks and trained in first aid.
- Store dangerous items such as machinery, f_____ and chemicals behind locked doors and remove keys to a safe place.
- Devise ways to improve safety, such as fitting roll-over protection (ROPS) and seatbelts to tractors, or replacing dangerous chemicals with less toxic varieties.
- Keep a l_____ of injuries and near-misses to pinpoint areas for improvement.
- Consult with other workers and family members on how to improve s_____.
- Write a safety plan together that includes ways to identify hazards and minimise potential risks.
- Always use appropriate s_____ e_____, such as machinery guards and shields, helmets, gloves, goggles or breathing apparatus.
- Make sure everyone understands and uses safety procedures, especially children.
- If using four-wheel motorbikes, make sure you are using them in line with the recommendations – remember they are not all-terrain vehicles.

Draw our school farm. Label (using a number system eg 1, 2, 3) where you think HAZARDS are. In your books explain what the hazard/s are and changes that could be made to prevent risk of injury.

SAMPLE ROLE STATEMENTS FOR AG STAFF AND PROCEDURES

This is a sample role statement but every school is different and will have different roles and responsibilities. Note: We are 1 Ag teacher school with only a part time Ag assistant.

And just because it is written down doesn't mean that every person follows their role statement to a tee!

H/T TAS

- Program evaluation
- Expenditure approval
- Assist in the development of management plans.
- Monitors the overall agriculture budget
- Monitoring Agriculture programs.
- Ensures programs meet BOSTES and DEC requirements.
- Monitors the work of the farm assistant.
- Evaluates the assessment of students in agriculture.
- Meets with the Farm assistant on a regular basis.
- Signs off the stocktake

Farm Manager / Ag Teacher

- Annual Budget
- Enterprise programming
- Chemical Records are maintained and monitor use of chemicals
- Meet with the farm assistant weekly.
- Provide feedback to staff on issues relating to use of the farm
- Arranging quotations for the purchase, maintenance and disposal of equipment
- Ordering, purchasing, and receiving general agriculture materials and feed.
- Stocktake.
- Stock records
- Animal Welfare Liaison Officer
- Writing in work for the farm assistant and checking tasks are completed.
- Overall responsibility for Agriculture
- Ensuring compliance with Chemical Safety in School policy
- Compliance with Animals in Schools guide
- Use farm resources in accordance with the farm management plan
- Ensure programs are up to date and are in the teacher folders held with HT Ag
- Assessment & learning
- Reports
- Record marks in
- Revision of programs when needed to reflect teacher feedback and BOSTES and DEC requirements
- Animal husbandry activities
- Ensure records are kept for treatment and/or disposal of animals
- Maintain first aid kit
- Have First Aid Certificate as well as Anaphylaxis Certificate, CPR and Emergency Care certificate
- Provide fresh water for students at farm

Farm Assistant

- Caring for livestock including checking feed and water for animals.
- Daily checks of general things at farm for damage
- Establishing and cultivating crops, including harvesting and assisting in the disposal of produce
- Ordering feed and picking up
- Rubbish disposal
- Spraying and keeping Chemical records
- Operating and maintaining farm equipment and/or machinery ensuring compliance with WH&S requirements
- Maintaining farm property including storehouses and fences including organisation of sheds and storerooms – This involves labelling drawers, cupboards and storing of equipment and maintaining work areas in a clean and tidy state
- The Farm Assistant will meet weekly with the Ag teacher
- Tasks for the Farm Assistant will be placed in work book to be signed off when completed (including date). Priority one tasks to be completed before all others.
- The Farm Assistant will store chemicals in accordance with CSIS protocols, maintain chemical usage sheets, follow correct chemical use, and implement WH&S practices.
- Inform Ag teacher when there is a problem that he can't fix
- Generalised tasks as required by the Principal or delegate

General jobs to be completed everyday by Farm Assistant

- Feeding all animals and provide fresh water and check automatic waterers for leaks and faults
- Animal health – check on health of animals and contact Ag teachers if there is an issue. Count numbers of livestock each day.
- Collect eggs at the end of each day and store in the fridge.
- Collect and vegies or fruit that need to be picked
- Moving sheep to paddocks if needed
- Check for dogs, foxes and other pests
- Check animal feed and get feed if need be
- Keep area clean and tidy for classes
- Work through any job lists

General jobs to be completed by Farm Assistant for all areas of farm

- Keep weeds controlled around the Farm and dispose of in bins
- Repair fences internally and externally
- Mowing grass areas
- Slashing paddocks
- Repairs to irrigation
- At the beginning of each day unlock farm and end of each day, lock up gates and buildings and check all tools are put away
- Complete stock take of all equipment and tools

Work for the Farm Assistant

The school's farm assistant is part of the school's SASS staff. The roles and duties of the farm assistant are set out in the DEC's statement of duty for Farm Assistants

Work for the farm assistant is to be categorised and provided through the farm assistant's workbook. This work is to be prioritised by the Head Teacher and Farm Managers. The daily care of animals is to take precedence over other tasks (refer to the Animals in Schools documentation). The priorities are

Category 1: Work to be done as soon as possible. This will include work that needs to be complete within the next week. Eg Spraying, fixing fencing if stock can escape.

Category 2: Work that may be done over a period of several weeks. Eg Pruning etc.

Category 3: Non urgent work that will be done when there are no category 1 and 2 tasks to be done.

The farm managers are to provide the work to the farm assistant. Teachers are to provide work to the farm managers.

The farm assistant will date the work completed in the workbook.

There are many other areas that could be addressed in your policy such as:

- **Position of Farm Finance Manager**
- **Enterprise Coordinators**
- **SASS Boss**
- **Principal**
- **Donations**
- **Agistment**
- **Machinery**
- **Borrowing Equipment**
- **Animal Purchase**
- **Teachers Aides**
- **Life Skills Students / Special students**

Sample Record keeping template

Agricultural chemical use

Agricultural chemical application details						Weather details (If product is being sprayed outdoors)		Contact details	
Product trade name	Application rate	Crop/commodity treated OR situation product was applied	Extent of use (area/volume/weight)	Location where product was used	Wind speed	Wind direction	Name and address of applicator and (if applicable) supervisor	Name and address of person for whom the application was carried out	

2015

<u>BRIEF DESCRIPTION OF WORK TO BE CARRIED OUT:</u>
Parts/Equipment/Consumables/Resources to be purchased
Problems/Concerns

Jobs Completed:	YES NO	Evaluation:	
Signature:		Date:	____/____/____
Signature:		Date:	____/____/____

The Hon Katrina Hodgkinson MP Minister for Primary Industries MEDIA RELEASE

Friday 27 February 2015

CREAM OF THE CROP RISE TO THE TOP AT BELGENNYFARM

Minister for Primary Industries Katrina Hodgkinson and Member for Camden Chris Patterson today announced the historic Creamery at Belgenny Farm, Camden will be transformed into a state-of-the-art agricultural learning centre.

In Camden today, Ms Hodgkinson said the new learning facility will be home to a range of new school initiatives designed to provide opportunities for students and teachers to learn all about food and fibre production.

"Belgenny Farm is steeped in history and today's announcement brings it into the 21st Century for agriculture education," Ms Hodgkinson said.

"To do this, the colonial building known as the Creamery, is being converted into a new learning and interpretation centre for students of all ages to learn about dairying and milk production.

"The dairy industry has changed over the years and this centre will provide a window into the phases of the dairy industry at Camden Park and across Australia."

Ms Hodgkinson said school students and visitors will be taken back to the very early era of European agriculture and journey through to the modern computer driven dairy farming.

"Students will learn about dairy cattle breeds and how they have developed in response to consumer demands," Ms Hodgkinson said.

Mr Patterson said, "The centre will reinforce the importance of pasteurising milk for food safety reasons with one room dedicated to the science of milk production, processing and the consumer.

"This new education facility is expected to be completed later in the year will be set up to inspire and inform people," Mr Patterson said.

In addition to the Belgenny Farm development, the Department of Primary Industries (DPI) is developing a new biosecurity competition for primary schools, to increase the science investigation skills of students and teachers.

DPI and Tocal College will undertake teacher training about food and fibre production through the professional development frameworks put in place by the Board of Studies, Teaching & Educational Standards NSW.



Minister Hodgkinson inspects original Macarthur merino sheep, Belgenny Farm

“These on-line programs will be assessable to teachers where ever they may be,” Ms Hodgkinson said

“All aspects of the school initiatives are linked back to the school curriculum to provide students with the basic understanding of how their food and fibre is produced.”

Ms Hodgkinson said these initiatives are funded by Department of Primary Industries and Belgenny Farm Trust.

“It is hoped through this learning children will be inspired and consider being a part of the agriculture industry in their future career paths,” Ms Hodgkinson said.

Media: John Morrison 0427 561 592

**Minister Hodgkinson launches
Belgenny Initiative with local
member Chris Patterson**



Upcoming Agricultural Events Shows

APRIL 2015

- Jerrawa Show Soc: 6 April 2015
- Stroud Show Assn Inc: 10 April 2015 - 11 April 2015
- Wauchope Show Soc Ltd: 10 April 2015 - 11 April 2015
- Kempsey.Cnt Nth Coast Nat Agric Soc Ltd: 14 April 2015 - 15 April 2015
- Gunnedah Show Soc Inc: 17 April 2015 - 19 April 2015
- Macksville.Nambucca River Agric Assn Ltd: 17 April 2015 - 18 April 2015
- Bathurst AH & P Assn Inc: 17 April 2015 - 19 April 2015
- Bonalbo Show Soc Inc: 17 April 2015 - 18 April 2015
- Woodenbong Show Soc Inc: 19 April 2015
- Maclean Show Soc Ltd: 21 April 2015 - 22 April 2015
- Moree Show Soc Inc: 24 April 2015 - 25 April 2015
- Hawkesbury Dist Agric Assn: 24 April 2015 - 26 April 2015

MAY 2015

- Narrabri Show Soc Inc: 1 May 2015 - 2 May 2015
- Grafton. Clarence P & A Society Ltd: 1 May 2015 - 2 May 2015
- Gosford Regional Show: 2 May 2015 - 3 May 2015
- Bourke P & A Assn Inc: 2 May 2015
- Orange Show Soc Inc: 2 May 2015 - 3 May 2015
- Yeoval P A & H Soc Inc: 5 May 2015
- Warialda P & A Assn Inc: 7 May 2015 - 9 May 2015
- Cobar Show Soc Inc: 8 May 2015 - 9 May 2015
- Bellinger River Agric Soc Ltd: 9 May 2015 - 10 May 2015
- Walgett Show Society Inc: 9 May 2015 - 10 May 2015
- Wellington Show Soc Inc: 9 May 2015
- Nyngan Show Soc Inc: 10 May 2015 - 11 May 2015
- Gilgandra Show Soc Inc: 12 May 2015 - 13 May 2015
- Dubbo Show Soc Inc: 15 May 2015 - 17 May 2015
- Wee Waa Show Soc Inc: 15 May 2015 - 17 May 2015
- Coffs Harbour Show Soc Inc: 16 May 2015 - 17 May 2015
- St Ives. Northern Suburbs A & H Soc Inc: 16 May 2015 - 17 May 2015
- Coonamble Show Soc Inc: 19 May 2015 - 20 May 2015
- Gulargambone Show Soc Inc: 23 May 2015
- Bulli Show Soc Inc: 30 May 2015 - 31 May 2015
- Warren P & A Assn: 30 May 2015

AUGUST 2015

- Tullamore P A & H Assn Inc: 14 August 2015 - 15 August 2015
- Mungindi Show Society Inc: 14 August 2015 - 16 August 2015
- Weethalle Show Soc Inc: 15 August 2015
- Trundle P & A Assn Inc: 18 August 2015 - 19 August 2015
- Ganmain Show Soc Inc: 22 August 2015
- Bedgerabong PA & H Assn Inc: 22 August 2015
- Peak Hill P A & H Assn Inc: 25 August 2015 - 26 August 2015
- Condobolin PAH & I Assn Inc: 28 August 2015 - 29 August 2015
- Barellan Show Soc Inc: 29 August 2015
- Penrith Dist A H & I Soc Ltd: 29 August 2015 - 30 August 2015
- Wentworth Show Soc Inc: 29 August 2015 - 30 August 2015
- Parkes P A & H Assn Inc: 31 August 2015 - 2 September 2015

Field Days

1-3 May 2015

TOTAL FIELD DAYS

Marie Williams
Co-ordinator, 'Tocal',
Paterson 2421

ph 02 4939 8820
or 04235 02307
fax 02 4939 8807
fielddays@tocal.com
www.tocalfielddays.com

18-20 June 2015

NORCO PRIMEX FIELD DAYS

P O Box 585
Tamworth, NSW 2340

ph 0411 740 374
primex@fairfaxmedia.com.au
www.primex.net.au

2-4 June 2015

CRT FarmFest Field Days

PO Box 585
Tamworth 2340

ph 02 67685800
fax 02 67685811
farmfest@fairfaxmedia.com.au
www.farmfest.com.au

7-9 June 2016

6-8 June 2017

5-7 June 2018

10-11 Jul 2015

MUDGEES SMALL FARM FIELD DAYS

P O Box 12
Mudgee 2850

ph 02 63723899
info@arec.com.au
www.arec.com.au



Around the Traps

HSC Marking Relaxation



David Baker is all concentration during the regular game of Bocce held during the dinner break for Ag markers at Homebush. This is a regular event, having been held for quite a number of years now.

The medal awarded for the player of the day. Here, Antony Turner wears it as the day's winner.

