

Queensland Branch News

May 2019

Publication of the
Queensland Branch of the Dairy Goat Society of Australia INC



Chelsea Park Akinji
Dairy Buck of the Year 2018

Bred and owned by K & A Coghill

QLD MANAGEMENT COMMITTEE 2018/2019

PRESIDENT: Mrs Patricia Colbran, 51 Profkes Rd., Q Mt Tarampa 4311.
Ph. 0408 587 909 president@dairygoatsqld.org.au

president@dairygoatsqld.org.au

VICE PRES.: Mr Bazil Rogers, 204 Mundoolun Connection Rd., Boyland Q 4275
Ph: 5543 5372 glengylestud@bigpond.com

glengylestud@bigpond.com

TREASURER: Iris Millett, 2 Fleur Cres., Lockyer Waters Q 4311
Ph: 5465 8376 M: 0408 757 728 iris.millett4@hotmail.com

iris.millett4@hotmail.com

SECRETARY: Mr Graeme Hunter Ph: 5543 6032 0435 825 818	181-191 Leach Rd., Tamborine Q 4270 secretary@ dairygoatsqld.org.au
--	--

0435 825 818

secretary@ dairygoatsqld.org.au

CENTRAL QLD REP: Glenys Rogers, 589 Stanmore Rd., Coonambula Q 4626
Ph: 4161 7304 glenys_rogers@hotmail.com

glenys_rogers@hotmail.com

NTH QLD REP: Kate Thomson, P.O Box 1174, Charters Towers Q 4820
Ph: 4787 2504, M: 0488 038 381 kateofackerley@hotmail.com

kateofackerlev@hotmail.com

Donna McCarty, 6 Weber Court, Nerang. Q 4211
Ph: 0439 902 290 donna54@live.com

donna54@live.com

Sam McKay: 589 Stanmore Rd., Coonambula Q 4626 Ph: 4161 7304	glenys_rogers@hotmail.com
---	---------------------------

glenys_rogers@hotmail.com

Elain Rogers, 204 Mundoolun Connection Rd., Boyland Q 4275 Ph: 5543 5372 glengylestud@bigpond.com

glenqylestud@bigpond.com

Sandra Stewart, 422 Tallebudgera Crk Rd, Tallebudgera Q 4228
Ph: 5533 9338 sandra_kira@hotmail.com

sandra kjra@hotmail.com

BRANCH CONTACTS

AGW CORRESPONDENT: Kate Thomson and Graeme Hunter, both as above
BIOSECURITY: Dr. Leisa Denaro BVSc, emeraldspringsdairygoats@gmail.com

<p> BIOSECURITY: Dr. Leisa Denaro BVSc, emeraldspringsdairygoats@gmail.com CLASSIFICATION SUB COMMITTEE: Kylie Hopkins, leoandkylie@hotmail.com </p>
--

CLASSIFICATION SUB COMMITTEE: Kylie Hopkins, leoandkylie@hotmail.com
M: 0418 887 597

M: 0418 887 597

DAIRY DOE / EXPORT: Kate Thomson and Glenys Rogers, both as above
FACEBOOK Sam McKay, glenys_rogers@hotmail.com Ph: 4161 7304

FACEBOOK Sam McKay, glenys_rogers@hotmail.com	Ph: 4161 7304
MILK TEST OFFICER / AWARDS: Donna McCarty, as above	

MILK TEST OFFICER / AWARDS: Donna McCarty, as above
NEWSLETTER: Iris Millett & Patricia Colbran, as above

NEWSLETTER: Iris Millett & Patricia Colbran, as above
NEW MEMBERS: Bazil Rogers, as above

NEW MEMBERS: Bazil Rogers, as above
PUBLICITY / EVENTS: Committee

PUBLICITY / EVENTS: Committee
SHOW LIAISON: Elain Rogers, as above

SHOW LIAISON: Elain Rogers, as above
WEB LIAISON OFFICER: Elain Rogers, as above

WEB LIAISON OFFICER: Elaine Rogers, as above
WEB MANAGER: Sandra Stewart, as above

WEB MANAGER: Sandra Stewart, as above
SOAP SALES: Patricia Colbran, as above

SOAP SALES: Patricia Colbran, as above
SOAP PRICE - \$2.50 per cake or 10 for \$20.00. A box will remain at \$125.00.

<p>SOAP PRICE - \$2.50 per cake or 10 for \$20.00. A box will remain at \$125.00.</p> <p>Branch Website: http://www.dairygoatsqld.org.au</p>

Branch Website: http://www.dairygoatsqld.org.au
All content in this issue is believed to be true at the time of printing. Other

All content in this issue is believed to be true at the time of printing. Other Newsletter/magazine editors may copy/reprint items from this Newsletter as long the source is acknowledged and Qld can do the same.

In this issue:

P 5 President's Report

**P 6 IMPORTANT REMINDER
FOR ALL MEMBERS**

P 7 Invite to Refresher Course

P 8 Goat Trimming demonstration

P 9 AGM NOTICE

P 10-15 AGM Agenda, Info, minutes

P 11 NOMINATIONS FOR 2019/2020

P 12 MOTION for AGM

P 16 The Moringa Tree

Around the Show Ring

UPCOMING SHOW DATES *Please note show date carefully.*

Stewards – please check with the show steward that the Judge, Chief Steward and Liaison Officer have Bluecard numbers entered on the Liaison form BEFORE leaving the show grounds.

11-05-19	Marburg	Contact Mrs Patricia Colbran	0408 587 909
----------	---------	------------------------------	--------------

18-05-19	Biloela - Callide Valley	Contact Mrs K Thomson	0488 038 381
----------	-----------------------------	-----------------------	--------------

18-05-19	Ipswich	Contact Mrs Lynne Morley Entries to L Morley	0416 161 154
----------	---------	---	--------------

29-05-19	CQ/NQ Kid & Goatling show in conjunction with Clermont Contact Mrs Karen Coghill Entries close 13th	0428 893 939
----------	---	--------------

01-06-19	Boonah	Contact Mrs Lynne Morley	5543 4552
		Entries close 23 rd May	0416 161 154

15-06-19 Nambour / Sunshine Coast - Contact J Holloway 0428 627 968

15-06-19	Lowood	Fleming Veile	0475909407
----------	--------	---------------	------------

22-06-19	Kalbar	Contact Iris Millett	5465 8376	0408 757 728
----------	--------	----------------------	-----------	--------------

23-06-19 Mt Larcom Contact Desely Golightly 0421 938 929

28-07-19	Mt Gravatt	Contact Elain Rogers	5543 5372
----------	------------	----------------------	-----------

28-07-19 Charters Towers Contact Sec V Cragg 4787 7292

August 9-18 Brisbane Royal Show

31-08-19	Gold Coast & SEQGC	Contact Elain Rogers	5543 5372
----------	--------------------	----------------------	-----------

STEWARDS – please notify the show coordinator of the number of Australian Champion cards you require and if you need a hard copy of the liaison forms well in advance of your show. Thank you

Cover photo

Chelsea Park Akinji Sire - Sowelu Farran Dam - Freddos Farm Akiko

Akinji was a very eye catching young buck which has grown on to be a wonderfully senior buck now having sired some excellent kids at the end of 2018.

Having been a 10 day premature kid he never missed a beat and we are now awaiting his second drop of kids due in a few months.

His Sire is standing at Chelsea Park for the 4th year but unfortunately we lost his dam 18 months ago but not before she blessed us with a doe kid. Akinji's Dam only had one 24hr milk test taken before her untimely departure producing a total of 5.98kg in the 24hrs and gaining herself a*Q*2 milk award.

The photo of Chelsea Park Akinji was taken at the 2018 CQ Kid and Goatling Show where he was awarded Champion Exhibit aged 14 months.

A big Congratulations also to Michelle Tulloch of Bingarra Stud NSW for the purchase of Akinji and two other young Chelsea Park bucks last month.

Welcome to our new members ...

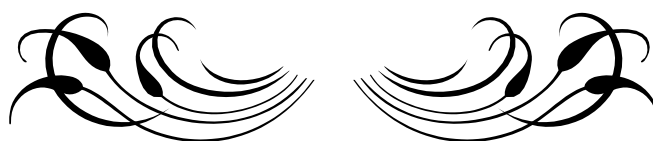
Robert Brumm THORNTON PARK RAM
163 Mulgowie Rd
THORNTON QLD 4341 0402751660

Rejoining member Helen Coleman
185 Hoya Road, Boonah QLD 4310 MAGNOLIA VALE HLC

Sophie Curtis EVERSLEIGH EGS
199 Basin Road, Wamuran Basin QLD 4512

Black Sheep Ridge Dairy Goat Stud BLACK SHEEP RIDGE B5R
119a Costelloe Rd, LACEYS CREEK QLD 4521 0421199511

Ronda Williams TJANTIK TJS
88 Gregors Creek Rd, GREGORS CREEK QLD 4313 0423 566 806



Presidents Report

It has been wonderful to have the show season supported so well with the happy exhibitors bringing their stock to the show ring to attract the public and initiate questions about Dairy Goats. The stewards do a fantastic job working on the event for months getting the sponsors on board and setting up the area to the best of their ability.

We are now seeing that this team of dedicated stewards are beginning to age and there are no younger members stepping up to take on the different areas where Agricultural show welcome the Dairy Goats. It is crucial that younger members step up now so the experienced stewards can act as mentors and pass on the knowledge that is needed to run a successful show with limited stress.

Should you like to take on this challenge just as Erika has and re-established Nanango show, and did a bonza job] please do not hesitate to contact the person in your area who officiates as the steward and have a go. Who knows, you may actually have a fun day and enjoy yourself.

While on the issue of shows, please **read the show rules** in the Branch Book and be familiar with the NLIS requirements. We know that there are fewer stock inspectors around the ridges now-a-days, but you take a very big risk if you illegally transport your animals and the steward is obliged to contact an inspector should an animal be found to be not identified according to the current legislation. This is not a DGSA ruling, it is a **Federal Government Biosecurity Legislation**, and breeches can attract a hefty fine.

There is a misunderstanding about EIDs and Microchips.

The EID is an **Electronic Identification Device** which is a device that is attached externally by means of an ear tag or leg band.

The Microchip is a **Subcutaneous** device for identification of animals and is not recognised by the NLIS for goats.

Both require a scanner to read the coded numbers.

Finally, I would like to remind all the members that they have a right to postal voting so make sure, if you are not able to attend the AGM in person, use your postal vote.

Cheers Trícia



REMINDER FOR ALL MEMBERS

ESPECIALLY THOSE WHO ATTEND SHOWS

Taken from-

<https://www.business.qld.gov.au/industries/farms-fishing-forestry/agriculture/livestock/nlis>

“The National Livestock Identification System (NLIS)

The National Livestock Identification System (NLIS) ensures that lifetime movements of cattle, sheep, pigs and goats can be identified and recorded within Australia. Queensland participates in the NLIS, which is supported by Queensland legislation.

Traceability, especially lifetime traceability, is important for biosecurity purposes, including the management of disease and chemical residues.

This guide provides information for different stakeholders on NLIS devices, tagging requirements, movement records and reporting to the NLIS database.

NLIS approved devices or tags

Under the *Biosecurity Act 2014*, the Chief Executive decides the specifications for approved devices (NLIS devices) to be fitted to different types of special designated animals.

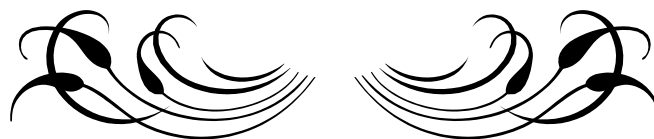
As the National Livestock Identification System (NLIS) is a national system, Queensland recognises the need for national consistency around specifications for approved devices and the type of devices used for individual species. Nationally, NLIS Limited sets the specifications for NLIS devices and trial protocols

Summary of approved devices

- **Breeder devices/tags** are applied to animals that were born at a particular place identified by the PIC (Property identification code) recorded on or shown by the tag, and have not been previously travelled

Goat tattoos are for goats that have never been rangeland goats. It is an imprinted ear tattoo to show the place of departure for their first travel from their place of birth. It's usually restricted to a breed society with registration processes.”

Note: This agreement was mainly for showing goats so they did not have tags. This ruling is set to change in 12-18 months then ear or leg tags will be enforced.



Invitation to interested members to attend the 2019 Dairy Goat Society of Australia Refresher Program



The program will be held at the **Barry Jones Auditorium**, beside the **Ipswich Central Library, 40 South St, Ipswich Queensland**,

on Saturday 25th May, commencing at 9.00am

The program will run for approximately 2.5 hours, with a light lunch provided.

The **purpose of the refresher program** is to provide training for judges in becoming more confident in evaluating the four recently introduced breeds (La Mancha, Nigerian Dwarf, Alpine and Sable) and to review the six other recognised breeds of Australian dairy goats.

The program **aims** to:

- To give licenced dairy goat judges greater knowledge, understanding and skill in evaluating all 10 breeds of DGSA recognised Australian dairy goats.
- To give licenced judges greater confidence in comparing recently introduced breeds against breeds of longer standing.
- To gain a common understanding of the impact of American genetics on existing breeds.
- To provide licenced judges with the opportunity to collaboratively participate in improving their knowledge, with fellow judges, in an interactive, friendly and supportive manner.
- To allow members to gain an understanding of what judges are looking for in the show ring.

Please **RSVP** the Branch Secretary, Mr Graeme Hunter by email at, secretary@dairygoatsqld.org.au by **Friday 17 May 2019**.

If you have specific dietary requirements also mention this in your reply.

Patricia Colbran

President, Queensland Branch DGSA Ltd.



Goat Trimming and Information day

Early February a Goat Trimming and Information day was held at the property of Kevin Lynch and Paul Van Ewyk at Mt Hallen for some new, and old, members.

Tom Byrne kindly came and was able to help the new members with some really good information. Tom and Robert Sparks showed everyone how to trim a goat and showed us how to trim hooves.

Tom had brought up some very interesting and helpful written info and has sent the following internet addresses so all members can access some of this information.

Hi Folks

I have attached the links to the handouts I took to Kevin and Paul's on Saturday and a couple more.

If you search "Showing Dairy Goats" there are a number of YouTube videos as well, all American, but the basics are the same.

Hope you found Saturday useful.

I thought it was a really nice day and a big thank you to Kevin and Paul for lunch and hosting the get together and Raewyn for organising the day.

Kind regards

Tom

<https://www.dummies.com/home-garden/hobby-farming/raising-goats/ten-tips-for-showing-goats/>

<https://www.dummies.com/home-garden/hobby-farming/raising-goats/how-to-disbud-a-kid-baby-goat/>

<http://hoeggerfarmyard.com/the-farmyard/the-show-goat/guide-to-dairy-goat-shows/>

<https://riveredgegoats.com/2016/02/03/how-to-show-a-dairy-goat/>



Trimming in the ear



The body



The feet



And the finished goat

IMPORTANT NOTICE

Qld Branch DGSA Inc Annual General Meeting and General Meeting of Members

DATE: Saturday 29th June 2019

**TIME: 10.30 am for AGM
12.30 to 1.30pm Lunch
1.30 pm General Meeting**

**VENUE: Rosewood Community Centre
School Road, Rosewood**

All members are welcome to attend.

In accordance with the Queensland Branch Constitution:24.6 a member may vote either by postal vote or in person and on a show of hands. Every person who is a member shall have one vote and in a secret ballot every member shall have one vote: It is acceptable for clubs that are financial members to nominate a representative to vote on behalf of that Club should they not utilise the right to the postal vote. Such nominations are to be with the Secretary no less than 48 hours prior to the meeting.



AGENDAS FOR AGM & GENERAL MEETING

AGM

Queensland Branch of the Dairy Goat Society of Australia INC Annual General Meeting and Election of Management Committee

- Open Meeting at 10.30 am
- Apologies
- Confirmation of the minutes of the AGM 30th June 2018
- Business arising from the minutes
- Correspondence
- REPORTS - President and Treasurer including Financial Audit
- Appointment of Auditor for 2019/20
- Nominations of Scrutineers in accordance with Qld Constitution Clause- 24.5.
- Election of Officers
- Vote of thanks to any outgoing committee.

Close meeting

Constitution- 24.5. Voting shall be by postal votes and a show of hands or a division of members, unless not less than one-fifth of the members present demand a ballot, in which event there shall be a secret ballot. The Chairman shall appoint two members to conduct the secret ballot in such a manner as he shall determine and the result of the ballot as declared by the Chairman shall be deemed to be the resolution of the meeting at which the ballot demanded.

GENERAL MEETING OF MEMBERS

- Open Meeting at 1.30 pm
- Apologies
- Confirmation of the minutes of the General Meeting 30th June 2018
- Business arising from the minutes
- Correspondence
- Treasurer's Report as for the AGM
- Federal Council Report
- General Business

Motion from R Bruce / L Morley as on page 12 of this newsletter.

Close Meeting

- Presentation of the 2018/19 Milk Awards

Nominations for the 2019/20 Management Committee

Nominations for the Queensland Management Committee have been listed in alphabetical order in accordance with the Queensland Branch Constitution Clause 11 (3) (c).

NOMINEE	POSITION	PROPOSER	SECONDER
---------	----------	----------	----------

EXECUTIVE

Vejle, F	Vice President, C/tee	R Bruce	R Flux
----------	-----------------------	---------	--------

COMMITTEE

Ambler, K	Committee	R Bruce	R Flux
Bruce, R	Committee	K Lynch	I Millett
Flux, R	Committee	R Bruce	K Lynch
Morley, L	Committee	M Ammala	T Fotopoulos

COUNTRY REPRESENTATIVES

Thomson, K	NQ Country Rep	P Colbran	J Brodie
------------	----------------	-----------	----------

**As not all the positions have a nominee,
they can be filled off the floor
at the meeting.**

**Nominees must be familiar with and be prepared to
follow the Office Bearers Protocol**

Nominations closed 26th April 2019

Motion for QLD Branch DGSA INC 2019 AGM.

In dot 3 of the Role of the Liaison Officer on page 23 of the 2019 branch book it states, and I quote,” To forward **all** original results of their show to the secretary **within 21 days of the show** with a copy to the DD convenors, retain a copy for themselves, and forward result page directly to the editor.”

In 1917 this committee has used this rule to withhold show points changing the Dairy Doe and Dairy Doe Kid points dramatically.

Due to this we would like to put forward the following motion.

Moved: R Bruce, **Seconded:** L Morley,

“That the committee not use these rules to penalise members who through no fault of their own have lost show points or who will lose show points in the future if this rule is applied as it has in the past.”

REASON

The exhibitors have spent time and money to attend shows to promote dairy goats and by withholding points can deter members from attending shows.

On behalf of all the Liaison officers, I would ask that this committee give these people more support and put in place actions that will encourage and show empathy for the time and hard work they put into organising a DGSA section at shows.

Many of these people work and/or run a business. They give up their own time to promote the DGSA at Ag Shows and this is often when they do not have spare time themselves. They give up their time to keep the DGSA and our dairy goats in the public eye.

The liaison officer should be given ‘every assistance’ as shows are the showcase for our dairy goats. The action taken by this committee can only deter members from taking on this role.

The committee needs to consider the DGSA no longer has a monopoly on Dairy Goats. We need to support members and encourage the exhibitors and show liaison officers who are essential for the promotion of the DGSA and our dairy goats.

MINUTES OF THE AGM & GENERAL MEETING 2018

Queensland Branch of the Dairy Goat Society of Australia INC Annual General Meeting and Election of Management Committee 30-06-2018

Open Meeting at 10.50 am

Present: P Colbran, B Rogers, E Rogers, I Millett, G Hunter, I Hamner, R Billiau,

K Billiau ,F Vejle . Representative Australian Heritage Anglo Nubian Breeders Group, South East Goat Club.

Apologies: K Thomson, G Rogers, D Mc Carty, R Sparks, S Stewart, S McKay, D Farkash, L Farkash.

Confirmation of the minutes of the AGM 25th June 2017

MOVED G Hunter, **SECONDED** I Millett, "that the minutes of the 2017 AGM as circulated are a correct record of that meeting" **Carried**

Business arising from the minutes: nil

Correspondence nil

REPORTS –

President's report was tabled

MOVED P Colbran, **SECONDED** B Rogers, "that the report be received" **Carried**

Treasurers including Financial Audit was tabled

MOVED I Millett , **SECONDED** B Rogers, "that the treasurer report be received" **Carried**

MOVED I Millett, **SECONDED** B Rogers, "that the Auditor report be received" **Carried**

Appointment of Auditor for 2018/19

MOVED I Millett, **SECONDED** E Rogers, "that Wilson Teis be accepted as the Auditors for the financial year 2018/9" **Carried**

The President thanked all the committee for their work

Nominations of Scrutineers in accordance with Qld Constitution Clause- 24.5. is not required as there is no voting for this meeting

All positions were declared vacant

All committee re-elected unopposed plus the nominated S Stewart who will make up the tenth member

The current committee is as listed below

President P Colbran, **Vice President** B Rogers, **Secretary** G Hunter,

Treasurer I Millett (elected unopposed)

Committee nominees elected unopposed are E Rogers, D McCarty and S McKay, G Rogers, K Thompson with S Stewart as the only new nominated committee member. The President welcomed S Stewart to the committee
Close meeting 11.06 am

GENERAL MEETING OF MEMBERS

Open Meeting at 2.05 pm

Present: P Colbran [chair], B Rogers, G Hunter, I Millett, G Hunter, E Rogers, I Hamner, F Vejle, R Billiau, K Billiau, Representative Australian Heritage Anglo Nubian Breeders Group, South East Goat Club.

Apologies: As per AGM

Confirmation of the minutes of the General Meeting 25th June 2017

MOVED G Hunter **SECONDED** I Millett "that the minutes of the 2017 General Meeting as circulated are a correct record of that meeting" **Carried**

Business arising from the minutes, Nil

Correspondence Nil

Treasurer's Report as for the AGM

Federal Council Report as per AGW

Shows:

Nomination of Country Branch shows

NQ - Charters Towers (to be confirmed)

CQ - Claremont (K Thomson to confirm)

South East Qld - Kalbar

Nominations for judges

Branch Show to be held at Beenleigh – 1/ A Berry, 2/ A Hill, 3/ N Dean, 4/ Tim Byrne

Spring Spectacular to be held at Beenleigh - 1/ S Seager, 2/ C Adams, 3/ T Waterton

K&G 2019 to be held at Beenleigh - 1/ B Le Poidevin, 2/ A Hill, 3/ L Sly

It was suggested by I Millett that the judges who were unable to judge this year be asked could they judge next year one year in advance

Moved I Hamner, **Seconded** I Millett "that if a judge is unable to judge this year, they be asked to judge the next year." **Carried**

General Business

All forms needed for showing to be on one file on the Webpage, except those required by the Show Society's

Note that all pens are supplied by the show society not the Steward or DGSA. It is not compulsory to supply pens. Some shows may only have tie up rails

In most cases there are limited pens available and you must bring your own straw. Stewards to note in Branch Book by the show the following codes **T**= tie up area, **S** = straw, **P** = pens, **LP** = Limited Pens, **BS** = bring your own straw. Also to be added on schedules.

Check Show Society required forms or check with steward as some require their own forms

Tattoo's at Shows

All tattoo's on animals must be clearly readable, reminder H/B, reg 49 & 50. High power torches are not required but may be used if supplied by goat owner.

BRANCH MILK AWARDS YEAR ENDED 31ST MARCH 2018

Congratulation to all those who won a milk award

RM241 Isle-of-Capri Diana *Q*4 Memorial Trophy

Doe with Greatest Qty of milk, 1st lactation Datadoo Chery
Milk 806 B/fat 3.72 % B/fat 30 kg Owners: L Thompson & K Hopkins
Herd Recording

Doe yield. Greatest Qty of milk RS/J2 Datadoo Case Q*2
Milk 964 B/fat 3.53 % B/fat 34 kg Owners: L Thompson & K Hopkins
Herd Recording

Doe yield. Greatest Qty. of B/fat kg Datadoo Caterpillar Q*2
Milk 860 B/fat 4.42 % B/fat 38 kg Owners: L Thompson & K Hopkins
24 Hour Test

Doe yield. Greatest Qty of milk kg Sowelu Eliza *
Milk 6.88 kg B/fat 3.27% B/fat kg Owners: K & A Coghill
24 Hour Test

Doe yield. Greatest Qty. of B/fat kg 30.22 pts Glendowen Briar Rose *Q*2
Milk 6.28 kg B/fat 4.81% B/fat 0.3021 kg Owners: L & T McDowell
Balindarg Perpetual Trophy

Doe with highest pts in 24hr test 30.22 pts Glendowen Briar Rose *Q*2
Milk 6.28 kg B/fat 4.81% B/fat 0.3021 kg Owners: L & T McDowell
Lynne Stibbe Memorial Trophy

Sire of Doe with Greatest Qty of milk in 24hr test S.E.Q.

Sire: Cedarvale Park Spellbound

Doe: Mundurra Ginney *Q*Milk 5.7 kg Owners: G & M Hunter 15

Lynne Stibbe Memorial Trophy

Sire of Doe with Greatest Qty of milk in 24hr test C.Q.

Sire: Tinderry Harlequin

Doe: Sowelu Eliza* Milk 6.88 kg Owners: K & A Coghill

Lynne Stibbe Memorial Trophy

Sire of Doe with Greatest Qty of milk in 24hr test N.Q. NIL

Meeting closed 1.22 pm Presentation of the 2017/18 Milk Awards

Beating the drum for the Moringa tree! – Enviro Australia

(Talk given on this by Dr Bruce McIntosh 2018)

The Moringa tree provides 7 times the Vitamin C in oranges, 4 times the calcium in milk, 4 times the Vitamin A in carrots, 2 times the protein milk, and 3 times the potassium in bananas.

THE MORINGA TREE, MORINGA OLEIFERA, IS CALLED MOTHER'S BEST FRIEND. That is one way they sometimes refer to this tree in the Philippines where the leaves of the malunggay as they call it, are cooked and fed to babies. Other names for it include horseradish tree and drumstick tree (India) and benzolive (Haiti).

Moringa tree leaves, pods, and roots are eaten; flowers are loved by bees, and seeds are powered and used to purify water from murky rivers.

The leaflets can be stripped from the feathery, fern-like leaves and used in any spinach recipe. Small trees can be pulled up after a few months and the taproot ground, mixed with vinegar and salt and used in place of horseradish. Very young plants can be used as a tender vegetable. After about 8 months the tree begins to flower and continues year round. The flowers can be eaten or used to make tea. They are also good for beekeepers. The young pods can be cooked and have a taste reminiscent of asparagus. The green peas and surrounding white material can be removed from larger pods (which can be 2 feet long) can be browned in a skillet, mashed and placed in boiling water, which causes an excellent cooking and lubricating oil to float to the surface. The oil reportedly does not become rancid. The wood is very, very soft, though the tree is a good living fencepost. It makes acceptable firewood but poor charcoal.

It is an extremely fast-growing tree. Roy Danforth in Zaire wrote, "The trees grow more rapidly than papaya, with one three month old tree reaching 8 feet. I never knew there would be such a tree." The tree in our organic garden grew to about 15 feet in 9 months, and had been cut back twice to make it branch out more. It is well to prune trees frequently when they are young or they will become lanky and difficult to harvest. When people begin breaking off tender tips to cook when trees are about 4 or 5 feet tall, the trees become bushier.

There is more good news. The edible parts are exceptionally nutritious! Frank Martin says in *Survival and Subsistence in the Tropics* that "among the leafy vegetables one stands out as particularly good, the horseradish tree. The leaves are outstanding as a source of vitamin A and, when raw, vitamin C. They are a good source of B vitamins and among the best plant sources of minerals. The calcium

content is very high for a plant. Phosphorous is low, as it should be. The content of iron is very good (it is reportedly prescribed for anemia in the Philippines.). They are an excellent source of protein and a very low source of fat and carbohydrates. Thus the leaves are one of the best plant foods that can be found.” In his Edible Leaves of the Tropics he adds that the leaves are incomparable as a source of the sulphur-containing amino acids methionine and cysteine, which are often in short supply.

It responds well to mulch, water and fertilizer. It is set back when our water table stays for long at an inch or two below the surface. We planted one right in the middle of our vegetable garden for its light shade. The branches are much too brittle to support someone climbing the tree. It is not harmed by frost, but killed to the ground by freezes. It quickly sends out new growth from the trunk when cut, or from the ground when frozen. Living fences can be continually cut back to a few feet.

CULTIVATION. I quote Alicia Ray, who wrote a booklet on the benzolive in Haiti some time ago. “It seems to thrive in impossible places – even near the sea, in bad soil and dry areas. Seeds sprout readily in one or two weeks. Alternatively one can plant a branch and within a week or two it will have established itself. It is often cut back year after year in fence rows and is not killed. Because of this, in order to keep an abundant supply of leaves, flowers and pods within easy reach, “topping out” is useful. At least once a year one can cut the tree off 3 or 4 feet above the ground. It will readily sprout again and all the valuable products will remain within safe, easy reach.”

Scott Josiah writes that the Pan American Development Foundation in Haiti planted many kilometres of Moringa as a living hedgerow on the contour of steep slopes, with mixed results. “In some cases, the growth has been excellent, nearly comparable to that of *Leucaena leucocephala*. However, *M. oleifera* has generally been a moderate performer, and seems rather sensitive to droughty sites and/or limited rainfall.”

Beth Mayhood with Grace Mountain Mission wanted to establish a model vegetable garden on a small piece of land. “It was windswept and sunbaked with no natural barriers or trees in the area. Soils were poor and very alkaline. The salt content was also high. We started in January to prepare large quantities of compost. In April holes were dug in the poor soil and filled with compost. Benzolive trees planted in seedbed germinated in 3-4 days. In 9 weeks they were transplanted in between the garden beds, around the edge of the 200 x 250 ft area and in a double row about 5 ft apart in the middle. The trees protected against the prevailing winds.” I saw slides of this spot later. It was impressive. The light shade of the tree is a considerable help to most vegetables.

I cannot emphasize enough how important it is to use pruning of some sort. If left to itself the tree becomes quite tall and lanky. This method of cutting it back to 4 feet each year sounds good. One method I tried with some success was to cut each branch back a foot after it had grown 2 feet until it was a multi-branched shrub. Alternatively, normal harvesting can have the same effect if begun while the tree is young. Beth Mayhood wrote, "We liked them so much we began picking the growing tips to boil as a spinach several times a week. This picking of the growing tips caused the tree to branch. Our constantly pruned trees became thick-limbed and many-branched."

I am told that when grown for its roots, the seeds are sometimes planted in a row like vegetables.

COOKING THE LEAVES. Alicia Ray writes, "Of all the parts of the tree, it is the leaves that are most extensively used. The growing tips and young leaves are best. [Ed: However, we sometimes pull the leaflets off in our hands and cook them without regard to age.] Unlike other kinds of edible leaves, Benzolive leaves do not become bitter as they grow older, only tougher. When you prepare the leaves, always remove them from the woody stems which do not soften. [Ed: We did not know this the first time we served them. It was like having wire in the dish.]

"The leaves can be used any way you can use spinach. One easy way to cook them is this: Steam 2 cups freshly picked leaves for just a few minutes in one cup water, seasoned with an onion, butter and salt. Vary or add other seasonings according to your taste. In India, the leaves are used in vegetable curries, for seasoning and in pickles. Let your imagination be your guide."

Ross Haliburton in Pakistan wrote, "We planted moringa seeds in April and, with hand watering, they have grown well. The tender leaves from six plants have been regularly used like spinach since July. A group of Afghan refugee men (chiefs and nurserymen caring for small nurseries in the refugee villages) visited us. When they saw the moringa trees they immediately asked for seed. We believe this tree has potential as a green vegetable in refugee villages, where there is a general lack of greens, especially through the summer."

Dr. Warwick Kerr wrote from Brazil that while he was the president of the State University of Maranhao, he organised a group of students and professors to carry out an extensive project. They planted 25,000 moringa seedlings (all descendants from one small packet we sent him in an envelope a few years ago). "I like the moringa omelette that my wife prepares almost every morning. Collect a bowl of leaves, wash and fry for five minutes with sliced onions, garlic and salt. While this is

cooling, minces tomato and onion are lightly fried then mixed with the fried moringa. Half a cup of this mixture, two eggs and a spoon of any bullion soup mix are stirred and then cooked. It is delicious!" [He added that the chaya cuttings we sent made it fine and he has now distributed many plants in the community. "My wife is cooking it at least once a week and prepares it in many ways. This was the most sensational introduction: 8 small stalks in a regular envelope!"]

Ronald Watts in Zimbabwe sent a copy of a letter to the editor that he wrote concerning moringa. It was published in "Productive Farming" magazine. " I noticed several villages growing trees that I was unfamiliar with. They turned out to be *Moringa oleifera*. What was remarkable is that they were being grown for their leaves. One homestead had over 30 of these trees growing in a circle. In 36 years of wandering around Africa this was the first time I had seen these trees grown in a traditional village purely for their leaves. The farmers said that the leaves were in high demand from their neighbours particularly in times of famine. Fresh leaves appear towards the end of the dry season when green food is in short supply. This tree would seem to have immense potential for improving human diets particularly in the hot and dry areas of Zambia and Zimbabwe. ...[Moringa] would seem to have great potential for feeding livestock. Several Zambian farmers who have tried leucaena for this purpose have been disappointed because it is less susceptible and can be grown from cuttings. A 2-meter cutting means that from the day of planting the top of the tree should be out of reach of goats." Ronald says that though palatable to termites, moringa seems to be able to resist the challenge particularly when grown from cuttings.

We have printed many success stories with the moringa tree. But cultures differ. Mr. C. N. Okonkwo in Nigeria ran into problems with acceptance. "All the seeds germinated and some are providing pods. Unfortunately I have not been able to convince any of the farmers to eat the leaves, except myself. The reasons are three: (a) the leaves have no eye appeal, (b) the leaves have a foul smell, (c) the growing tips have no commercial value. I am not disputing the claims regarding moringa. But in a community where so many broad-leaved vegetable thrive abundantly and some fetch good money, it is not hard to see why farmers look at this scanty small-leaved tree with some doubt.

1. COOKING THE PODS. Alicia Ray writes, "When young, horseradish tree pods are edible whole, with a delicate flavour like asparagus. They can be used from the time they emerge from the flower cluster until they become too woody to snap easily. The largest ones usable in this way will probably be 12 to 15 inches long and ¼ inch in diameter. At this state they can be prepared in many ways. Here are three:

1. Cut the pods into one inch lengths. Add onion, butter and salt. Boil for ten minutes or until tender.
2. Steam the pods without seasonings, then marinade in a mixture of oil, vinegar, salt, pepper, garlic and parsley.
3. An acceptable “mock asparagus” soup can be made by boiling the cut pods until tender, seasoned with onion. Add milk, thicken and season to taste.

Even if the pods pass the stage where they snap easily they can still be used. You can cut them into three inch lengths, boil until tender (about 15 minutes), and eat as you would artichokes. Or you can scrap the pods to remove the woody outer fibers before cooking.”

COOKING THE PEAS. Alicia ray writes that the seeds, or “peas,” can “be used from the time they begin to form until they begin to turn yellow and their shells begin to harden. Only experience can tell you at what stage to harvest the pods for their peas.

“To open the pod, take it in both hands and twist. With your thumbnail slit along the pod along the line that appears. Remove the peas with their soft winged shells intact and as much soft white flesh as you can by scraping the inside of the pod with the side of a spoon. Place the peas and flesh in a strainer and wash well to remove the sticky, bitter film that coats them. (Or better still, blanch them for a few minutes, then pour off the water before boiling again in fresh water.) Now they are ready to use in any recipe you would use for green peas. They can be boiled as they are, seasoned with onion, butter and salt, much the same as the leaves and young pods. They can be cooked with rice as you would any bean.

“In India the peas are prepared using this recipe:

12 – 15 horseradish tree pods	1 medium onion
4 cups grated coconut	2 bouillon cubes
2 inches ginger root	4 T. oil or bacon grease.
1 clove garlic	2 eggs, hard boiled
Salt, pepper to taste	

“Blanch both peas and pods flesh, drain.

Remove milk from 2 ½ cups grated coconut by squeezing water through it two or three times.

Crush ginger root and garlic, save half for later.

Mix peas, flesh, coconut milk, ginger and garlic together with onion, bouillon cubes, oil, salt and pepper.

Bring to a boil and cook until peas are soft, about 20 minutes.

Fry remaining coconut until brown.

Fry remaining half of crushed ginger root and garlic in 2 T. oil.

Add coconut, ginger, garlic and eggs to first mixture, heat through. Serves 6.

THE DRY SEEDS. The dry seeds are apparently not used for human food, perhaps because the bitter coating has hardened. They are used for their oil, which is about 28% by weight. The oil can be removed by an oil press. I have heard reports that the residual cake is not safe to feed to animals, but I have not seen the results of any studies. Write to me if you have details. If an oil press is not available, seeds can be roasted or browned on a skillet, ground, then added to boiling water. The oil floats to the surface. Alicia Ray says that roasting is, however, not necessary.

Randy Creswell in Mali wrote, "The Khassonkes in Mali have been growing moringa trees for their leaves as far back as anyone's knowledge seems to go. Besides leaves, we have found good profit in a high quality edible oil readily pressable from the seeds. We are planting 1500 moringa seedlings.

THE FLOWERS. A visitor who had spent time in the Pacific area told me recently that the flowers are eaten there. Unfortunately, I do not recall details. Perhaps our readers can help. Alicia Ray says that they are used in Haiti for a cold remedy. Water is boiled, then a cluster of flowers is placed to steep in it for about 5 minutes. Add a little sugar and drink as needed. It is very effective.

THE ROOTS. The tree is uprooted and the roots grated like horseradish. Alicia Ray says to one cup grated root add ½ cup white vinegar and ¼ t. salt. "Chill for one hour. This sauce can be stored for a long time in the refrigerator." The following caution quotes from a recent review by Dr. Julia Morton in *Economic Botany*.

"The root, best known in India and the Far East, is extremely pungent. When the plant is only 60 cm tall, it can be pulled up, its root scraped, ground up and vinegar and salt added to make a popular condiment much like true horseradish. ... The root bark must be completely removed since it contains two alkaloids allied to ephedrine – benzylamine (moringine), which is not physiologically active, and the toxic moringinine which acts on the sympathetic nerve endings as well as on the cardiac and smooth muscles all over the body. Also present is the potent antibiotic and fungicide, pterygospermin. The alkaloid, spirachin (a nerve paralyzant) has been found in the roots.... Even when free of bark, the condiment, in excess, may be harmful." (The key words are: "in excess" – the body can detoxify small amounts of a great many things.)

USE AS AN ANTIBIOTIC. A study at University of San Carlos in Guatemala is summarized. Herbal applications are commonly used to treat skin infections in developing countries, although few investigations are conducted to validate /21

Show Results

S. E. Q. KID & GOATLING SHOW 10-03-19

Judge: Mr L Sly, NSW

CH SAANEN DOE	Cedarvale Park Fragrant Rose	R Sparks
CH ANGLO NUBIAN DOE	Lima Carmen	K Lynch
CH BRITISH ALPINE DOE	Jazstar Lodge Miss Showgirl	J & C Wilson
CH TOGGENBURG DOE	Toggalong Trouble	K&A Coghill
Ch A. Melaan/A. Brown, AODB Sable	Cedarvale Park Peonie	R Sparks
Ch A. Melaan/A. Brown, AODB Alpine	Chelsea Park Peep Show	K&A Coghill
JNR CH DOE KID under 6mths	Jazstar Lodge Summer	J&C Wilson
Res JNR CH DOE KID under 6mths	Toggalong Trouble	K&A COGHILL
SENIOR CH DOE KID 6 - 12mths	Cedarvale Park Lilac	R Sparks
Res SNR CH DOE KID 6 – 12mths	Emerald Springs O'Hershey	L Denaro
CH DOE KID OVERALL	Jazstar Lodge Summer	J&C Wilson
Res Ch Doe Kid Overall	Cedarvale Park Lilac	R Sparks
JNR CH GOATLING 12-18mths	Cedarvale Park Sue	G Hunter
Res JUNIOR CH GOATLING “	Lima Lenore	K Lynch
SNR CH GOATLING 18-24mths	Lima Carmen	K Lynch
Res SENIOR CH GOATLING “	Jazstar Lodge Miss Showgirl	J&C Wilson
CH GOATLING OVERALL	Lima Carmen	K Lynch
GRAND CH DOE OF SHOW	Lima Carmen	K Lynch
CH SAANEN BUCK	Cedarvale Park Sultin Storm	R Sparks
CH ANGLO NUBIAN BUCK	Killara Ram Raza	E Rowe
CH BRITISH ALPINE BUCK	Jazstar Lodge Live Wire	J&C Wilson
CH TOGGENBURG BUCK	Emerald Springs Hi Spirit	L Denaro
CH A. MELAAAN/A. BROWN	Cedarvale Park Ken	R Sparks
Ch A.O.D.B. BUCK - ALPINE	Chelsea Park Pepe Le Pew	K&A Coghill
CH A.O.D.B. BUCK - SABLE	Cedarvale Park Pierre	R Sparks
CH BUCK KID under 12mths	Lima Wrangle	J&C Wilson
Res CH BUCK KID under 12mths	Emerald Springs Ignatius	L Denaro
CH BUCKLING OVERALL	Jazstar Lodge Live Wire	J&C Wilson
Res Ch Buckling	Emerald Springs Hi Spirit	L Denaro
GRAND CH BUCK OF SHOW	Jazstar Lodge Live Wire	J&C Wilson
SUPREME EXHIBIT	Lima Carmen.	K Lynch

SPONSORS: Olsson's Lick Blocks, R Sparks, P Colbran, R Bruce, SEQ Goat Club, Cottone's Feed Shed.



A. Melaan Doe

Alpine Doe

Sable Doe



Lima Carmen
Snr Ch Goatling, Supreme Exhibit



Jazstar Lodge Summer
Ch Doe Kid Overall

NB: Buck photos in next issue.

TOOWOOMBA ROYAL SHOW

30-03-2019

Judge: Mr Tom Byrne QLD

Award	Exhibit	Owned by
T & P 24hr test	Glendowen Maihya	L&T McDowell
T & P Herd Recording	Brigalow Chloe	L&T McDowell
Best Udder 1 st lactation	Glendowen Minke	L&T McDowell
Best Udder 2 nd /sub lactation	Hel-en Reddy	L&T McDowell
BEST UDDER OF SHOW	Hel-en Reddy	L&T McDowell
Ch Saanen Doe	Glendowen Maihya	L&T McDowell
Res Ch Saanen Doe	Glendowen Minke	L&T McDowell
Ch Anglo Nubian Doe	Toggalong Aleah	K&A Coghill
Res Ch Anglo Nubian Doe	Lima Charlotte	J&C Wilson
Ch British Alpine Doe	Arcadia Maggie	J&C Wilson
Res Ch British Alpine Doe	Glendowen Pretty Women	L&T McDowell
Ch Toggenburg Doe	Diamond Zoe	E Rowe
Res Ch Toggenburg Doe	Toggalong Trouble	K&A Coghill
Ch Australian Melaan Doe	Glendowen Hel-en Reddy	L&T McDowell
Res Ch A. Melaan Doe	Glendowen Raven	L&T McDowell
Ch Doe Kid All Breeds	Glendowen Pretty Women	L&T McDowell
Res Ch Doe Kid All Breeds	Ashmir Watch This	K&A Coghill
Junior Ch Doe All Breeds	Lima Carmen	K Lynch
Res Junior Ch Doe All Breeds	Jazstar Lodge Shakira	J&C Wilson
Qld Branch DGSA INC SUPREME CHAMPION DOE	Glendowen Hel-en Reddy	L&T McDowell
MOST SUCCESSFUL EXHIBITOR	L & T McDowell	

SPONSORS: Qld Brach DGSA INC, SEQ Goat Club, Waitarie Dairy Goat Stud, Isle-of-Capri Dairy Goat Stud.



Anglo Nubian Goatling class (count the tails)



Winner 2018 Poldark Trophy

Toowoomba Royal 30-3-19



Ch Saanen Doe



Champion Anglo Nubian Doe



Ch British Alpine Doe



Ch Toggenburg Doe



Junior Champion Doe



Ch Doe Kid All Breeds



Ch A. Melaan, Best Udder of Show and Grand Ch Doe



The happy exhibitors

Photos taken by Tom Byrne and Raewyn Bruce

**QUEENSLAND CAPRINE RETROVIRUS
CONTROL SCHEME CERTIFIED HERDS
AS AT 29th November 2018**

NAME	ADDRESS	PROPERTY No.	EXPIRY DATE
L Bowden	P O Box 429, Pomona	QKNS0806	23 July 2019
G Cairns	457 Dath Henderson Road, Cooroy	QFNS0866	11Feb 2020
J & P Colbran	51 Profkes Rd, Mt. Tarampa	QKES4550	13 March 2020
L Denaro	Kureelpa	QFSC0345	22 May 2019
V & J Forbes	Washpool	QBNN1273	13 Jan 2019
R M Flux	29 Qually Road, Lockyer Waters 4311	QILV0647	14 June 2019
G & M Hunter	181 – 191 Leach Road, Tamborine	QJBD4511	23 Sep 2020
Donna McCarty	“Glengyle”, Boyland	QJBD1302	16 April 2020
L McDowell	595 Walla Road, Morganville	QHBX0997	18 April 2020
I Millett	2 Fleur Crescent, Lockyer Waters 4311	QHLL0632	06 Feb 2020
L A Morley	6 / 12 Wonglepong Rd, Wonglepong	QCSE0535	25 May 2019
D Richards	181 Graham Road, Bridgeman Downs	QFBB6500	12 Dec 2019
B & E Rogers	“Glengyle”, Boyland	QJBD1302	16 April 2020
AJ, GJ & M D Rogers	589 Stanmore Rd, Coonambula	QDMD0333	29 Jan 2021
R K Sparks	287 Tully Rd., Greenbank	QEBD4504	06 April 2019
S Stewart	422 Tallebudgera Crk Rd, Tallebudgera	QHGC0946	30 Nov 2019
F Vejle K Amber	336 England Creek Rd Fernvale 4306	QDSS0365	25 July 2019

As this list has proven to be vital to members, the Queensland Branch of the Dairy Goat Society of Australia Inc. has decided to continue to publish the list of **Qld** certified members on a voluntary basis.

It is **not** a complete list. The only details listed will be those as shown above.

As your certificate expires, you will need to forward a copy of the new certificate to the Secretary or Newsletter Editor in order to stay on the list.

A copy of your CRV certificate **signed on the back** with “consent to publish” with your signature can be posted to:

Secretary, Mr Graeme Hunter, 181-191 Leach Rd., Tamborine 4270, or email to:
secretary@dairygoatsqld.org.au

If you would like your street name withheld from the list please notify the editor.

Thank you to those members who have forwarded their certificate.

EXPORT: CAE Accredited stock is preferred by export agents. It could be in your own interests to have your accredited herd listed above.

POSTAGE
PAID
AUSTRALIA

If undelivered please return to
Qld Branch DGSA Inc
2 Fleur Cr, Lockyer Waters Q 4311

