



Roseworthy Old Collegians Assoc. Inc.

R.O.C.A. Digest

Registered by Australia Post publication No. SBH0253

Editor:

DALE MANSON

SPRING 1985



Three generations of Plant Breeders met at Roseworthy after a luncheon to mark Rex Krause's retirement from the Department of Agriculture. Pictured are Sir Allan Callaghan, Gil Hollamby, Ali Bayraktar and Rex Krause.

Editorial

This is my final report as Editor of the R.O.C.A. Digest.

The coming year will embrace the Jubilee 150 celebrations of South Australia. I have made a commitment to co-ordinate the staging of an indoor horse show at the Wayville Showgrounds during 1986, and this will place considerable demand on my time.

Please believe that R.O.C.A. is working extremely hard behind the scenes on behalf of Old Collegians and R.A.C.

I am extremely proud to be associated with R.A.C. through the Old Collegians Association. Perhaps this pride stems from memories of my own time as a student, and the recognition that my future was moulded at that time.

In his address at the 1985 Graduation Day, Dr Gregor Ramsey highlighted that it costs the community over \$24,000 to produce a graduate from R.A.C.

I believe the old saying that "there is no such thing as a free meal." Education may appear to be free, however we all have an obligation to the community for the privilege of the R.A.C. experience

Finally, I would like to record the appreciation of R.O.C.A. to a number of staff at R.A.C.

Graham Brookman, Graeme Lavis, Maurie Zobel and the boys in the printery all assisted to get the Digest printed during the past two years.

Dale Manson



PRESIDENT'S MESSAGE

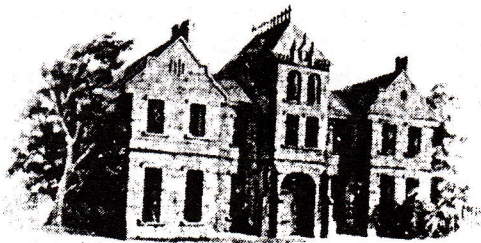
As the 1985 R.O.C.A. year draws to a close, may I thank you for the opportunity to be President. Although we have not had a year of momentous happenings, it has been a year of consolidation of the Association.

Come along to the A.G.M. and present your ideas so the in-coming committee can consider them and improve our Association. Make sure people prepared to act on the Committee are nominated, and vote for those you think will represent you best.

Dale Manson has done an excellent job in editing and producing the Digest, but this will be his last edition, and we thank Dale for his organisation and many hours of hard work on the Digest.

I have helped collate the Digest and appreciate the time it takes. We really need a list of people prepared to donate an occasional evening to the Digest, usually at R.A.C., and often at short notice. If you are prepared to join us, please let the Secretary have your name and phone number.

Harry Stephen



Established 1883

ROSEWORTHY AGRICULTURAL COLLEGE AND THE SOUTH AUSTRALIAN
SESQUICENTENARY

As part of the College's programme of activities during 1986, the College is developing links with Texas A & I University in Kingsville, Texas.

The city of Kingsville has twinned with the town of Gawler, and because of the presence of Texas A & I University in Kingsville, the opportunities for exchanges and other kinds of links with Roseworthy Agricultural College are being considered.

Gil Hollamby was able to visit Kingsville and Texas A & I for a couple of days early in May as he returned from a visit to CYMMIT in Mexico. Gil was welcomed and hosted royally, and returned with information on Texas A & I courses, research work and other activities to be considered by College Departments and Faculties for development of links.

Bruce Eastick, a prominent Old Collegian and currently President of the College's Council, also visited Kingsville and Texas A & I during June. Dr Eastick provided information on Kingsville and on Texas A & I activities to supplement that provided previously by Gil Hollamby.

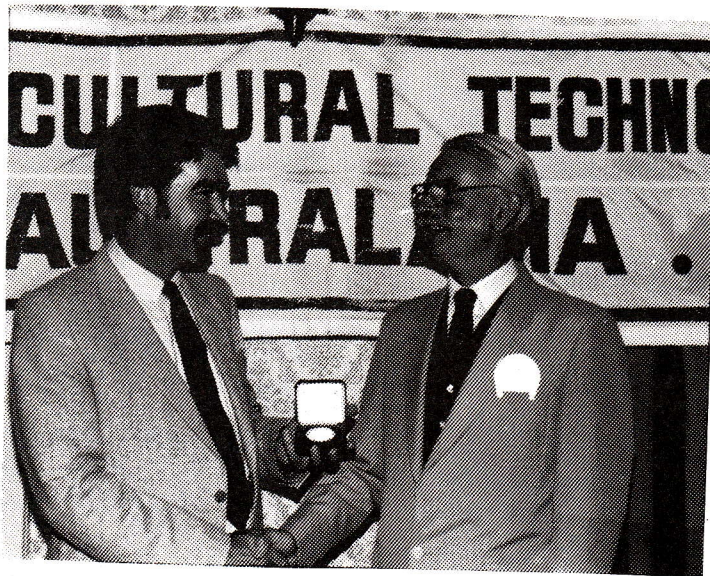
I would be pleased to hear from any Old Collegians who plan to visit Texas in any capacity during 1986 in the hope that we could make mutually suitable arrangements to strengthen links between Texas A & I University and Roseworthy Agricultural College.

In addition, I would be pleased to hear from any Old Collegians, or others who would be interested in helping at the Australian end with the College's links, for example, by hosting visitors from Kingsville or by providing work experience for students from Texas A & I University. The University has over 5,000 students and its courses include Agriculture, Arts and Sciences, Business Administration, Engineering, Teacher Education and a range of professional programmes in areas such as dentistry, law and medicine.

It is likely that links between the College and the University will centre on the course in the University's College of Agriculture and Home Economics, for example, courses in Agricultural Economics, Agricultural Mechanisation, Animal Science, Plant and Soil Science and Range and Wildlife Management.

Barrie Thistlethwaite

Director



Old Collegian Eric Crawford receives Agricultural Technologists of Australasia's Award of Honour at their National Annual General Meeting held in Adelaide on 29th June, 1985. Making the presentation is Peter Fairbrother, State President of A.T.A.

R.A.C. - THE FIRST GRADUATES

While I was over on Eyre Peninsula in February for the Regional R.O.C.A. Reunion, I had the pleasure of meeting Hamish Patterson (RDA 1933).

Hamish is quite a historian, and provided some valuable assistance when I compiled a history of College horses back in 1976.

More recently, he has researched the career paths of the first 10 graduates from R.A.C. The course ran for two years from February 1885 to December 1886.

It is my honour to print a summary of Hamish's research.

Editor

FIRST 10 GRADUATES: 1886

- | | |
|-------------------|---|
| W.G. TRELOAR | - Farmed at Mannahill & Truro.
District Clerk until his
death in 1940 |
| A.E. AMAND-WRIGHT | - |
| HARRY BROCK | - Farmed at White Hut, Clare
Died in 1930. |
| E.W. COTTON | - Farmed at Northam which
became Muresk Ag. College.
Retired to North Perth.
Died in 1941. |
| M. EASTWOOD | - Became Farm Manager at RAC,
began super experiments.
Later, Tamworth Dairying Co.
Died in 1936 |
| RICHARD HILL | - Director of a knitting mill. |
| A.B. ROBIN | - Orchard at Nuriootpa. |
| E.E. STUCKEY | - Returned from 1914-18 War |

- T.A. WILSON - Farmer at Cowell
Died in 1956 aged 94.
- R.J. YOUNG - Manager of Earl of
Guilford's estates,
England.

OTHERS WHO ALSO STARTED IN FEBRUARY 1885:

- A.M. DAWKINS - Well known in Gawler River
district for Clydesdale
horses.
Oral examiner at College.
Referred to in magazines as
late as 1960.
- EVES - Lived at Geelong
- A. DAY - Had property at Lower Light.
- A. WORNUM - Farmed at Kimba
- T. DAVIES - Manager of Elder Smiths at
Port Augusta.
- E. SOLOMON - Gained diploma in 1887.
Grew rubber & copra in
Papua

OTHER INTERESTING INFORMATION:

- College opened to students on 3rd February, 1885.
College building built 1883.
10 Diplomas in 1886.
Fee of 50 pounds per year, but earned piecework 3d, 4d
and 6d per hour. Fees were later reduced and pay for work
stopped.
- 1889 - first superphosphate field experiment.
1893 - great College Strike.
1894 - Expulsion - Bees released in Science Master's room.
1894 - first death at College - Bruce Giles of Mt Pleasant
was hit on the forehead with a shovel.
1897 - horse skeleton provided from an old blind retired
non-worker.
1897 - the first "Student" magazine - Vol.1 No.1

GREGOR RAMSEY

".... A word of warning to those aspiring women farmers among you - watch out that the men do not keep the 'technological' jobs to themselves leaving you the boring ones yet again. ".... The new technology means that farm work is accessible to both men and women; women farmers should watch they are not left with the jobs men do not want to do. Our future is based upon our past: to know our past, the changes and their effects will prepare us for the changes still to come."

"If the world is increasingly an interlocking system, what does this mean for today's graduants, and for this small, historic, specialised College? For the graduants, today marks the day that their knowledge so hard won over the immediate past years, begins to date. You are already 'out of date' - and this is no reflection on your lecturers: it is a reflection on the rate of knowledge growth and change."

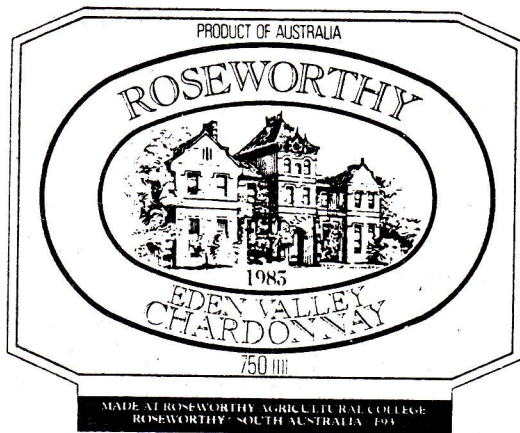
".... The good news is that you are now graduates; congratulations! The bad news is that this marks merely the beginning of your education as professionals."

"I am pleased to note that this College is making a special effort,.... to attract Aboriginal students into its courses."

".... it cost the Government \$8,100 per year over the three year period of your course, a total of \$24,300. Also you had available for your learning a 1,200 hectare farm, a winery, laboratories, library and this magnificent environment. This is difficult to cost."

"It is not expected that you repay this investment directly, apart from the additional tax your higher earning power might attract, except in terms of professional service to this country. Your professional activities must be other directed as well as self-directed. Join relevant professional associations. Take a leadership role in your general community."

* ROSEWORTHY 1983 CHARDONNAY TAKES TOP HONOURS *



The Wine and Spirit Buying Guide magazine have advised the College Winery that the 1983 Roseworthy College Cellars Chardonnay received the top points in their review of wines from small wineries in Australia.

The Chardonnay received FIVE stars in the tasting, the College Flor Fino FOUR stars, and the 1982 Pinot Noir Champagne THREE stars.

EXTRACTS FROM R.A.C. GRADUATION ADDRESS -BARRIE THISTLETHWAYTE

"The Roseworthy Agricultural College Act confers three important obligations on the College:

- Firstly, to teach appropriate courses;
- Secondly, to conduct research; and
- Thirdly, to interact with and liaise with the wider community outside the College."

"Much of the academic work of the College has centred on reaccreditations and approvals of courses. the College's long-standing three-year course in Agriculture now is offered as a degree, Bachelor of Applied Science in Agriculture, after being offered as an advanced education diploma for 10 years."

".... the expansion of external studies offerings by Roseworthy Agricultural College. At the beginning of this year a total of about 40 students enrolled externally in the one-year post-graduate Diploma in Agriculture."

".... proposal for a two-year Associate Diploma in Agricultural Mechanisation should have a substantially greater orientation towards business studies than was first proposed."

".... particular target groups of the College's initiatives are persons employed in or living in rural areas with limited access to higher education, and women whose family commitments or other circumstances make it difficult or impossible for them to study by conventional face-to-face methods."

"This year the College again has a record enrolment totalling 560 students. For many years the College has not been provided with funds for new buildings, and the College is finding it increasingly difficult to timetable the available teaching space....also concerns about the quality of some of our existing lecture and tutorial rooms."

" At long last there is some light on the horizon. the Commonwealth has agreed to provide funds for the College's proposed new Agriculture Building. Construction, however, will not commence until 1987/88."

".... the South Australian Government has continued to provide well in excess of ½ million dollars annually to support the College's on-going wheat breeding programme and the College's small lot winemaking research."

"Last year three new wheat varieties were released. This year two new varieties are in the process of being registered prior to release."

"Students from African and Middle Eastern countries have continued to study at the College, either in the College's formal courses or in specially developed training programmes. "

"College staff have continued to be involved as consultants in various overseas projects. Despite the problems currently being faced by the Australian dollar in relation to other currencies, I am confident that there will be increasing opportunities for the College to play a role in training and educational programmes overseas."

".... it is my pleasure to assure you that Roseworthy Agricultural College continues to play a very important part in the affairs of the State of South Australia."





REX KRAUSE RETIRES ... WELL ALMOST !

Roseworthy honoured Rex Krause who recently retired from the S.A. Department of Agriculture, at a luncheon held in the College Council Room on 31st May.

Among guests at the event were Rex's wife Valda, Sir Allan and Lady Callaghan, and Ken and Dpris Leske (pic). The perennial cliff Hooper was also present.

Rex reminisced upon his 38 years at Roseworthy as Senior Lecturer in Agriculture, Plant Breeder and Student. He received the inspiration to become a Plant Breeder largely from Jim Brakewell and did not have long to wait after joining the staff in 1947. In 1949 he was appointed Plant Breeder and went on to produce the stable of wheats bearing the names of bladed weapons, upon which S.A.'s Dryland Farming System has relied for decades.

Rex was not only committed to wheat breeding the Football Club took up a good deal of his time, and he remembered (as did his wife!) that their first baby was born while he coached College through a torrid grudge match against Dookie Agricultural College.

Rex is best remembered by the rural community as the originator of Halberd wheat, a semi-dwarf released some 15 years ago.

While other wheats have come and gone, Halberd's outstanding adaption to the S.A. environment has made it the most sown variety almost every year since. Even now, with the advent of a new generation of Roseworthy wheats which out-yield Halberd consistently, the farmers at Minnipa have begged us not to discontinue supplies of Halberd seed wheat.

Dr. Callaghan interjected with an incident which occurred while he was travelling through Fiji with another agriculturalist who spotted Rex walking through the airport lounge. "There's that oh what's his name Halberd isn't it ?!"

Gil Hollamby spoke warmly of Rex's leadership and friendship during the period that they shared at Roseworthy and particularly thanked Valda for the hospitality which she had shown Gil's young wife Jan.

After the luncheon Rex and Sir Allan Callaghan (who had initiated the wheat breeding program at Roseworthy), inspected the Plant Breeding Centre and met members of the current team. The picture on the front of this digest shows Sir Allan, Gil, Ali Bayraktar and Rex inspecting the newly-released rust resistant hard wheat Blade.

While Rex has formally retired from the Department of Agriculture, he is now working on a part-time basis for SAGRIC International, arranging training programs, tours and generally "oiling the wheels" for important foreign visitors to S.A. We all join with the College in wishing Rex and Valda all the best for the future.

EMPLOYMENT OPPORTUNITY, OENOLOGIST - WINERY VINEYARD MANAGER

A broadly based company with a successful wine marketing operation has acquired a winery and vineyard to consolidate its place in the wine industry. The winery features underground vats and has large amounts of wood. It has not conducted a crush for some time and needs re-equipping. Finance is no problem in this respect. Wines have been produced from the vineyard since 1891.

The vineyard covers 60 acres however, a further 40 acres are available. Yields of between 2 tp acre Cabernet and 8 tp acre Cruchon are being achieved without irrigation (water is available).

For a married person, work may well be available for the spouse in Cellar Door Sales or other areas.

An attractive house will be available rent-free.

Salary is negotiable, but between \$20,000 - \$25,000.

Profit sharing is a possibility.

A skilled self starter is required for this position.

Details from Graham Brookman

THE RIVERLAND TRIP, 5TH & 6TH OCTOBER

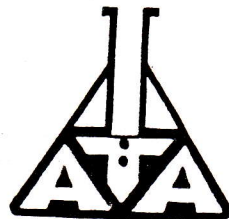
A.F.A. and the Farm Management Society invite you to a flexible weekend of visits to top enterprises which show the future shape of the Riverland.

Commences 2.00 p.m. Saturday, 5th October.

- * Woodlotting with effluent water on saline sites
- * Premium table grape production in trellising, irrigation, pruning and marketing for quality.
- * Salinity management in crops, irrigation techniques and salt interception.
- * Efficiency through mechanization and management of traditional crops - Citrus and stone fruit.
- * "Big is beautiful" - a property so big that it has its own pumping station, packing centre and marketing operation.

Choose only what you want to see; combine the trip with pleasure :- golf, visit to historical village Loxton. There will be a social dinner at Loxton on the Saturday evening.

Details from and bookings to Barrie Thistlethwayte.



EMPLOYMENT OPPORTUNITY - OVERSEER, INTENSIVE PIGGERY

A person with energy, good basic knowledge of pig husbandry and a will to tackle the substantial task of running a 200 sow semi automated pig operation is sought for this job.

Location - Whyalla
 Accommodation - House available for some time, (until person organises own accommodation in area).
 Salary - Negotiable depending on experience - certainly award or better.

Some supervision of staff will be involved.

Contact - Mrs. Krizman, prefer evenings after 7.00 p.m. on (086) 455 882, daytime on (086) 450 990.

TERRITORIANS STILL SEEKING COLLEGE GRADS

The planning for a Northern Territory Roseworthy Reunion is still proceeding, so if you know of any long lost Old Collegians in the wilds of the N.T. contact John Pitt, C/- G.P.O. Box 4160, Darwin, Northern Territory.

Graham Brookman got a little carried away when describing John's pet plant Mimosa pigra in the last issue of the Digest, so you will all be relieved to hear that the longevity of the seed is only 20-25 years (not 90) but each tree can produce about 90,000 viable seeds per annum! John also points out that its the 'Centre', rather than 'Council', for International Agricultural Research and that his wage is 'adequate' rather than 'amazing'; which all goes to show how much editors are in need of good personal contributions to publications such as the ROCA Digest.

* R.O.C.A. COMMITTEE *

Elections are an essential part of an Annual General Meeting, and the R.O.C.A. Constitution states that nominations can be received at the meeting only if no nominations are received in writing prior to the meeting.

The Constitution also allows the President to hold office for up to two years.

Please return your nomination to the Secretary,
C/- Roseworthy College, Roseworthy S.A. 5371.

<u>POSITION</u>	<u>1985/86 NOMINATIONS</u>
President :
Vice President :
Immediate Past Pres:	<i>no nomination required</i>
Secretary :
Treasurer :
Graduating Year :
1 - 10 Year :
Ordinary Members :

Eyre Peninsula Reps:	Ken Hayman
:	Jack Richards
Director :	Barrie Thistlethwayte
Auditor :
Digest Editor :

APPLICATION FOR R.O.C.A. MEMBERSHIP

I wish to join Roseworthy Old Collegians Association;

NAME:

ADDRESS:

.....

COURSE ATTENDED:.....

YEAR GRADUATED:.....

Cheque enclosed for LIFE MEMBERSHIP \$40
ORDINARY MEMBERSHIP \$ 5.00

SIGNATURE:.....

PLEASE FILL OUT AND RETURN NOW.

1985 *A.G.M. and REUNION.*

R.S.V.P. 1st September to R.O.C.A. Secretary C/- Roseworthy College,
Roseworthy. S.A. 5371, (or phone Andrew Michelmore on 08 3377848

I will/will not be attending the A.G.M. and reunion on Friday 6th September, 1985

I enclose cheque for \$.....being payment for.....persons at \$20 each.

NAME YEAR OF GRADUATION.....

ADDRESS.....

SPOUSE/FRIEND.....

CHANGE OF ADDRESS

NAME:.....

ADDRESS:.....

.....

COURSE ATTENDED:.....

YEAR GRADUATED:.....

