

"Et conflagrant gladios suos in vomeres et lanceas suas in falces."

AGRICULTURAL COLLEGE

ROSEWORTHY, SOUTH AUSTRALIA.

Minister for Agriculture:

Hon. S. R. WHITFORD, M.L.C.

Governing Council:

A. M. DAWKINS, J.P. (Chairman).

F. COLEMAN, J.P.

L. T. COWAN, B.Sc.

D. A. LYALL, Esq.

A. E. V. RICHARDSON, M.A., D.Sc.

Prof. J. PERKINS.

W. J. ADEY, Esq.

H. C. PRITCHARD, A.F.I.A. (Secretary).

THE STAFF.

Principal and Lecturer in Agriculture and Animal Husbandry:

Dr. ALLAN R. CALLAGHAN, D.Phil., B.Sc. (Oxon); B.Sc.Agr. (Syd.).

Housemaster, Secretary, Accountant, and Lecturer in Book-keeping:

Mr. W. H. COWPER, L.I.C.A.

Lecturer in Chemical and Physical Sciences:

Mr. A. R. HICKINBOTHAM, B.Sc., Dip.Ed., A.A.C.I.

*Lecturer in Veterinary Hygiene, Physiology,
Anatomy, and Entomology:*

Mr. W. G. BENNETT, B.V.Sc.

*Experimentalist and Demonstrator in
Agriculture:*

Mr. T. A. COLE, D.D.A.

Farm Superintendent:

Mr. O. BOWDEN, R.D.A.

*Lecturer in Dairying and Superintendent of
Dairy:*

Mr. R. BAKER, R.D.A.

*Superintendent of Poultry and Lecturer in
Aviculture:*

Mr. F. W. GILBERT.

Gardener:

Mr. W. G. FAIRLIE.

Lecturer in Surveying:

Mr. A. T. GREENSHIELDS.

*Lecturer in Field Engineering and Building
Construction:*

Mr. T. A. MACADAM.

Assistant Secretary: Mr. B. C. PHILP.

Lecturer in Botany and Mathematics:

Mr. G. H. CLARKE, B.Sc.

*Supt. of Vineyard, Orchard, and Lecturer in
Viticulture, Fruitculture, and Oenology:*

Mr. J. L. WILLIAMS, R.D.A.

Mechanical Engineer:

Mr. H. R. NOURSE.

Assistant Experimentalist:

Mr. V. M. FAIRBROTHER.

Assistant Mechanic:

Mr. W. R. HAYDON.

Laboratory Assistant and Librarian:

Mr. J. P. EGAN.

Assistant Farm Superintendent:

Mr. A. E. GURNER.

Lecturer in Woolclassing:

Mr. A. H. CODRINGTON.

Stockman:

Mr. S. E. WHICKER, D.D.A.

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Vice-President: Mr. R. H. F. Macindoe.

Vice-Patrons: Hon. J. Cowan, M.L.C., Hon. R. T. Melrose, M.L.C., and Professor Perkins.

Committee: Dr. A. E. V. Richardson, Messrs. W. J. Spafford, A. B. Robson, R. C. Scott, A. B. Cashmore, R. Hill, N. R. Quinn, G. Jackson, T. O. Mitchell, and the President and Vice-President.

Auditor: Mr. H. C. Pritchard, A.F.I.A.

Secretary and Treasurer: Mr. J. L. Williams.

STUDENTS' ROLL LIST.**OFFICE-BEARERS, 1932-33.**

THIRD SESSION, 1932-33.

III YEAR.

Benzie, A. C.
Eardley, W.
Emery, R. E.
Gee, B. R.
Honey, H. M. W.
Hooper, F. H.
Horne, R. L. K.
John, W. C.
Kelly, C. W.
McAuliffe, J. D.
Packer, R.
Patterson, H. R.
Pollitt, C.
Pownall, R. A.

DEGREE STUDENTS.

Laffer, L. H.
McFarlane, W. H.

II YEAR.

Allan, A. W.
Angove, P. C.
Arnold, E. A.
Charlick, J. N.
Coleman, W. O.
Gibbs, H. C.
Gunson, A. W. M.
Hagley, R. E.
Haydon, C. W.
Hursthouse, J. W.
Jones, R. H.
Ryan, H.
Ryan, K.
Richards, M. H.
Richardson, R. T.
Sobels, L. T.
Woodroffe, K.

I YEAR.

Geddes, R. G.
Green, R. L.
Hay, R. C.
Jones, M. W.
Minhard, P. F.
Newland, J. H.
Orchard, E. H.
Pollitt, M.
Prowse, D.
Savage, E. C.
Sutherland, L. R.
Turner, R. J.

President of all Committees: The Principal.

The "Student" Committee—

Manager: Mr. A. R. Hickinbotham.
Editor: A. C. Benzie.
Sub-Editor: B. R. Gee.
C. Pollitt, P. C. Angove, E. C. Savage.

Councilmen—

Third Year: R. E. Emery.
Second Year: A. W. Gunson.
First Year: D. Prowse.

The Sports Union—

Chairman: The Sportsmaster (Mr. R. Baker)
Secretary: A. C. Benzie.
Treasurer: Mr. B. C. Philp.

Delegates—

Football: C. W. Kelly, W. C. John.
Cricket: K. T. Ryan, F. H. Hooper.
Tennis: C. W. Haydon.
Swimming: E. A. Arnold.
Rifles: A. W. Gunson.
Athletics: J. D. McAuliffe.

Football Committee—

Manager: Mr. R. Baker.
Captain: W. C. John.
Vice-Captain: C. W. Kelly.
Secretary: W. C. John.
E. A. Arnold, J. W. Hursthouse, R. J. Turner.

Tennis—

Manager: Mr. W. G. Bennett.
Captain: R. Packer.
Vice-Captain: C. W. Kelly.
Secretary: C. W. Haydon.
W. O. Coleman, M. W. Jones.

Cricket Committee—

Manager: Mr. J. L. Williams.
Captain: Mr. J. L. Williams.
Vice-Captain: L. T. Sobels.
Secretary: L. T. Sobels.
W. C. John, L. H. Hooper, H. T. Ryan, R. J. Turner.

Swimming—

Manager: Mr. F. W. Gilbert.
Captain: To be elected.
Vice-Captain: To be elected.
Secretary: R. A. Pownall.
W. Eardley, E. A. Arnold, M. H. Richards,
D. Prowse.

Athletic Sports—

Manager: Mr. T. A. Cole.
Secretary: J. D. McAuliffe.
W. C. John, K. T. Ryan, C. W. Haydon, R. J. Turner.

Social Committee—

Manager: Mr. W. H. Cowper.
Messrs. W. G. Bennett and F. W. Gilbert.
C. W. Kelly, B. R. Gee, A. W. Gunson, E. A. Arnold, L. R. Sutherland, J. H. Newland.

Rifles—

Captain: Mr. T. A. Cole.
Treasurer: Mr. W. G. Fairlie.
Secretary: A. W. Gunson.
C. Pollitt, J. H. Newland.

Editorial.

"CITIZENSHIP."

What is the farmer's duty as a good citizen? In which of the many avenues of manifestation of citizenship should he interest himself? His calling is one in which he may justly take a pride, and all satisfying and effective country life depends on pride of calling and on an appreciation of the resources Nature has placed at our command. The farmer deals directly with these resources and has therefore every opportunity to make his life effective as regards citizenship.

The first attribute of a good citizen is the power and desire to make an honest living, but the farmer's duty does not end there. If he strives to increase his knowledge, and to improve the property on which he gains his living, that he may produce greater returns, does he not thereby increase the prosperity of his country and thus make himself a better citizen? There is very much room for this type of citizenship, as can be realized when, for example, we compare the State average yield of butter-fat per cow with that of leading herds in herd-testing societies, or the difference between the State average wheat yield and that obtained by leading farmers in each district.

Again, can he not prove his citizenship in his treatment of his wife and family? He should, of course, provide them with a home, but it must be a home in which they may take pride. Country homes cannot be satisfying unless they are beautiful, but the beauty must be the beauty of the country and not an imitation of town things. The home should have attention given to details which will alleviate the toil of that too-often

much overworked person, the farmer's wife. Quite often she never reaches the end of her work, and sometimes she has a double worry, her own and her husband's, who often confides all of his cares and worry to her tired consideration.

The farm home has the best opportunity to train for citizenship, and the farmer's children should be given all the assistance possible to develop these opportunities. There is no reason why a child should not be given work to do. Indeed, there are stronger arguments against child idleness than against child labour, always considering what the child does. This does not suggest that the child should be forced to milk cows or to engage in field labour as soon as he is able to milk a cow or to drive a horse. The outlook of too many children is dimmed and their faculties dulled by lack of opportunity to engage in healthy recreation or to devote time to study. Children are sent to school and there given advanced ideas which, when communicated in the house, are too often laughed at and not given any encouragement. It behoves elders to keep minds as well as bodies supple and plastic, so as to adapt themselves to innovations and not resist them.

Should his citizenship end within the confines of his own home and property? There is often an opportunity to join in a project to assist an unfortunate neighbour in a practical manner. Such occasions of help may be times of great social enjoyment, besides fulfilling one of the aims of citizenship.

He may also help by being a member of the local branch of the Agricultural Bureau. Gatherings of farmers such as are found at Bureau meetings stimulate discussion, arouse interest in questions which concern farmers,

and also train individuals in self-expression and socialize the isolated farmer.

The good citizen would also co-operate in efforts to improve conditions in his district or local township. Cordial co-operation is the fundamental requisite in effective community life, and much may thus be done in such activities as town beautification schemes, co-operative societies, etc. If the district is a progressive one, and farmers

co-operate to make its attractions and products favourably known, markets are created, land values improved, and the value of such a community to the State is increased.

In conclusion, it may be said that these are only a few of the ways in which the farmer may enlarge his interests to his own and the community's benefit. Nowhere else, as in country life, is the saying so true, "Life is what we make it."

Current Events.

"THE STUDENT."

In the last twelve months the funds at the disposal of the Magazine Committee have been so seriously reduced that it has only been possible to publish one issue of "The Student" this year.

There are indications, however, that times are on the mend. This is exemplified particularly by the response to our requests for advertisements, the percentage of favourable replies being just three times as great as in recent issues. The Committee desires to thank all these firms for their support, and to commend them to all.

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1932 IN RETROSPECT.

In looking back over the year now drawing to a close, we feel that it has been, perhaps, the most important in our history as a College and as a servant of the agricultural interests of this State.

The year could hardly have opened more inauspiciously. Arising out of students' pranks on New Year's Eve, an address by the Principal was apparently deeply resented, and on January 4 the students went on strike and refused to return to work until they had been promised an inquiry. The student organization was such that they carried their point, and work was resumed on January 7.

The inquiry took the form of a Royal Commission, and sat for almost a month. During that time nearly half of the students and staff, as well as others previously connected with the College, were called as witnesses. The students' grievances found little sympathy from Mr. President Kelly, and his finding proved to be rather an open one. A great deal of misunderstanding had naturally developed, and Mr. Birks took the wise and generous course in resigning his Principalship.

For an interval the future of the College hung in the balance, and our friends, and, indeed, the whole State, we hope, should be grateful that, in the end, wiser counsels prevailed, and it was decided to continue the College under a Governing Council, instead of directly under the Minister, as previously.

In the circumstances, it was only natural that the Institution should lose a certain amount of public prestige for the time being. The gentlemen who comprise the Council are, by their standing in the community and their record of service, a guarantee to the public that the College will now follow the right path, but the speed we make along the road back into public favour is very much in our hands. May we make the most of the opportunities they are creating for us.

The new College year opened with little more than a half quota of students, but

we were fortunate in having Mr. W. J. Spafford, Deputy-Director of Agriculture, detailed to take control until a new Principal was appointed. Mr. Spafford had served many years on the staff, and he went to work with his characteristic energy to get things going again. He spent three months here, and he gave us an excellent start, especially in the field work, and we owe our fine crops this season as much to his efforts as to the good growing conditions that have been experienced.

Our new Principal, Dr. Allan R. Callaghan, was appointed in June, and he arrived at the College and took over from Mr. Spafford on July 13th. We know from experience of him that his interest and abundant energy are entirely devoted to the College—he has rapidly earned the goodwill of all—and we now look forward to a long period of quiet and useful service to the community, under his direction.

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NEWS AND COMMENTS.

Since the publication of the last issue of this Magazine, great changes have taken place in the College. Possibly the most important is that we are now controlled by a Governing Council, instead of being directly under the Minister of Agriculture, as formerly. The members of the Council are:—A. M. Dawkins, J.P. (Chairman); F. Coleman, J.P.; L. T. Cowan, B.Sc.; D. A. Lyell, Esq.; A. E. V. Richardson, M.A., D.Sc.; Professor A. J. Perkins; W. J. Adey, Esq.; and our old Housemaster, H. C. Pritchard, A.F.I.A., is Secretary.

Mr. Dawkins, whose property is situated at Angle Vale, is one of the best known farmers in this State. Besides breeding stud stock, he grows wheat to perfection, as evidenced by his championship crop last year. He is proud of the fact that he was one of the foundation students of this College, and he has always taken a keen interest in its welfare.

Professor A. J. Perkins needs no introduction to friends of the College. He is now Director of Agriculture, but was from 1904 to 1914 Principal of Roseworthy, and for many years before that he was on the teaching staff.

Dr. Richardson is possibly our most illustrious old scholar, being well and favourably known all over the world as an expert in agricultural matters.

Mr. Cowan was one of the first of our students to continue his studies at the University, taking the degree course. He is a practical farmer, his property near Mount Barker being well known, and he has established a reputation as a stock breeder.

The curriculum has been altered considerably this year. The amount of time devoted to theoretical subjects has been reduced, and the number of practical lectures increased. The curriculum is, however, still under review, but we hope to settle down to a much improved course next year.

The New Year opened on 16th April, with Mr. W. J. Spafford, the Deputy-Director of Agriculture, in charge of the College. He was full of energy, and it was entirely due to him that, in face of such adverse conditions, seeding was finished at all. At times he would spend a whole day in the paddock with drills. He was exceedingly popular, and it was with great regret that we saw him go.

Rains came fairly late, but when they did come they ceased only for a day or so at a time. The fallows were exceptionally dirty—so dirty, in fact, that it necessitated rooting up the seed-bed to kill weeds.

A new practice was adopted this year, in which all the drills worked in one paddock, and by this means the ground was covered considerably faster. A week's fine weather early in July gave the opportunity looked for, and drills worked overtime to finish.

Only one paddock, Daly's A, was left unsown. This was done, not only because

it was a quagmire, but also on account of the tremendous amount of rubbish in the ground.

The year opened with nineteen new students—fifteen First Years, two Degree Students, and two brave spirits who went straight into the Second Year. This brought our numbers to forty-seven. Phillips, however, returned home within a week, and Eime left us at the end of the second session, in order to help with the harvest at home.

Doctor Callaghan, our new Principal, arrived at the end of the first session, and we extend to both him and Mrs. Callaghan the heartiest of welcomes. Dr. Callaghan is possessed of a pleasing personality, and has had a very fine scholastic career, having been a Rhodes Scholar from New South Wales. He takes an interest in every phase of College life, and is a valuable asset to the cricket team. Periodically, students visit him in his home for a friendly chat, and to sample (maybe) an excellent supper.

During the first vacation the Winter School for Farmers was held. From July 20 to 29 thirty-seven farmers, both young and old, enjoyed the luxuries of our home. A special programme was arranged, comprising lectures in the morning, demonstrations in the afternoon, and lantern lectures in the evening. Almost every branch of farm life was dealt with, from a scientific and practical point of view, and despite the short time available, we feel sure that every one benefited.

Students returned early in August, about six weeks before the Royal Show. Accordingly, the term was extended three weeks, and only a limited time was allowed for inspection of the Show. Lectures were continued for the first six weeks of the session, but after the Show came shearing, and ensilage making close on its heels. The work was so strenuous that little study could be attempted. In consequence, a deputation waited on the Doctor, asking that exams. be cancelled. This request was

granted, much to the joy of everyone, for they were now allowed to sleep in peace, and did not have to pretend to be working.

During the second session, Mr. Beaumont, our farm manager, handed in his resignation. He has been with the College as farm manager for five years, and was a student here several years ago. He was exceedingly popular, and we were all very sorry to see him go.

On the night before Mr. Beaumont left us he was tendered a farewell meeting, ably conducted by Emery. The students presented Mrs. Beaumont and himself with a clock. He is taking up a dairy farm on Gawler River, and we wish him the best of luck.

Mr. Gurner, the assistant farm manager, has been very ill lately with asthma. Some serum has now been obtained, and temporarily, at least, he has been able to throw it off, but has to undergo an operation shortly. We hope to see him back at work again soon.

The Football Team this year was not of the best, so much so that it is quite unnecessary to go into details of any matches. Despite the team's failure as a whole, John, the dashing Captain of his side, won the Broderick Medal. It is now the fourth year in succession that it has been won by a College student, and we extend to John our heartiest congratulations.

During the second session, the Architect-in-Chief was here, with a number of workmen. Hank and Buddy, the painters, were also skilled fishermen, being able to secure minnie fish out of a horse trough with a tea-strainer. Great improvements were made in the bathroom, a new ceiling put in the reading room, and the dining room was painted. Fly-screens were fitted in the kitchen and steward's quarters, and also a bathroom put in for the stewards. The most appreciated improvement was the installation of a Kelvinator in the kitchen.

for we now have hard butter and jellies which actually have set.

A new combination six-valve wireless set and gramophone was installed during the first term, and this, together with a certain cornet, is fully developing any latent talent for musical appreciation that we possess.

The Royal Spring Show was in all ways an unqualified success. The pigs did exceptionally well, and congratulations are due to Mr. Baker. Of the fourteen pigs exhibited, only one failed to gain a place. Among the championships were the Reserve Champion Berkshire Sow, Champion Tamworth Boar, and Reserve Champion Tamworth Sow.

Among the other pig awards was a first for a best baconner. The pen of five porkers, and the single porkers both gained places, and a first and a third were obtained in the Berkshire Sow under nine months. In the Large White Yorkshire Boar, under nine months a second place was won. This pig was presented to the College by E. A. Wilcox, Esq. On the morning of judging he was cruelly hit on the rump, but despite this injury, he held his own and gained a place in an exceptionally strong class.

In the dairy cattle, seven Jerseys were exhibited, and here again the College scored. A first prize was secured for a two-year-old heifer in milk with Roseworthy Princess 44th. This heifer is by Mercedes Sweet Duke of Glen Iris, out of Roseworthy Princess 25th. Corriedale Passion was again Champion Red Poll Cow.

The sheep, unfortunately, did not do so well as previously. Nevertheless, a first was won by a fat ewe under one and a half years, and a fourth with a Southdown ewe over two and a half years.

On returning to the College we found J. H. Hill in the post of stableman. Fortunately his bite is not as bad as his bark, but we feel that all he says is for our good. We congratulate him on his management of the

stallion, and feel sure that next year Bungaroo Laddie will fully justify the care bestowed on him.

With the commencement of the third session came Mr. Bowden to fill the post of farm manager. We extend to him and Mrs. Bowden a hearty welcome. Mr. Bowden won the Gold Medal in 1918 and has since been farming at Riverton and Narrung.

Ensilage-cutting was started immediately after the Show. Difficulties were very great though, for the ground was far too wet for a binder. A side-delivery mower was then used in Grainger's B. This would work occasionally, but even then difficulties were not over. The trollies had to be loaded with loose ensilage, and with scarcely a ton on they were lucky if they did not become bogged. After a week the mower shifted into No. 5B, where there was a good self-sown crop. Cutting then went on a little quicker, and at the end of the session a few loads were brought in, which had been cut with a binder.

Only one silo was filled, and for a start this had about twenty tons in the bottom. The ensilage was so wet that nearly two hundred tons were put on top of this, about seventy tons more than the silo was calculated to hold. Water, or rather a liquid resembling beer, oozed out all round, and any little fissure gave forth its streams. This draining continued for over a month.

With commencement of the third session two ensilage stacks were put up in No. 5B. One was stacked with all the sheaves lying one way, and the other like an ordinary haystack. Both of them are remarkable for the distance they have sunk, and the haystack for the distance it has spread over.

Shearing was started on the first day of the third session, and the sheep were put over the board in record time. This was doubtless due to the innovation of employing an experienced shearer. Under the able instruction of Mr. Hunter, who has had

many years' experience on sheep stations, students made a very creditable effort. The best day's tally was held by the Third Years, with 192. The Second Years, though, were not far behind with 182.

The Gawler Show was held on October 1st, but the College did not meet with much success. Princess 44th, who won her class in Adelaide, did not gain a place. In the main hall there was a cleft grafting exhibit, and the exhibitor is to be congratulated upon the fresh appearance of the vines. There was also a display of noxious weeds, well arranged by Mr. Clarke.

The pigs again did as well as ever. A first was gained for a Middle White Yorkshire Sow, and a first for a Berkshire Sow. Another first was also won by a bacon pig.

The Annual Sports were held on 6th October, and for a wonder we had a fine day. Several new events appeared on the programme. A stepping-the-distance contest was won by John. A log-chopping competition was also held, and this was won in fine style by R. H. Jones. Reg. Packer, a hot favourite, was unlucky in being hit on the head with an axe before he had struck a dozen blows. This, unfortunately, eliminated him, but we are glad to say that he has made a complete recovery.

The Cup was won by Chas. Kelly, and we congratulate him on his achievement. E. A. Arnold was the runner-up. We thank Mrs. Callaghan for being so kind as to distribute the prizes.

After the Sports came the Big Dance. The hall was decorated in black and pink, and the floor, if possible, was even a shade better than usual. At 2 a.m., to the disappointment of everyone, the dance was declared closed. This year is the first year on record in which the girls have not been allowed to stay the night.

We congratulate the Chairman of our Council, Mr. A. M. Dawkins, on growing the champion crop of wheat for South Australia. It was a crop of Ford wheat, and

in this we feel particularly pleased, for this variety is College bred.

During the year several lectures have been delivered to the College from outside sources and we take this opportunity of thanking those who have been kind enough to come and lecture to us. The Vacuum Oil Company gave us a very interesting cinema evening on the history, manufacture, and uses of crude petroleum. It is certain that all benefited by the last film, "The Internal Combustion Engine."

The combined cement companies gave us a lecture, "The uses of cement on the farm." They also showed us several pictures, illustrating the use of cement at Hawesbury Agricultural College. At Hawesbury, apparently, they have a concrete pavilion, but surely galvanized-iron is warmer. As a parting gift they presented the College with a green concrete frog, and this is now on view, day or night, on the Housemaster's front doorstep.

Last, but not least, we have the Rev. Bevan's lecture on China. This lecture had as a preliminary a day's work shearing Dorset-Merino Crossbreds. It began at 7.15 p.m. and ended at 10.30 p.m. Only three and a quarter hours, but in that time we learnt a tremendous amount about China, and incidentally a good method to stop strikes. Mr. Bevan said that he calmed a strike in one morning by putting the key of the dining room in his pocket. East is East.

In the final fortnight of the second session the swimming dam was pumped out. The pump was set going on a Saturday morning, and barring four of the small hours of Sunday morning, when some bright engineer put oil in the petrol tank, the pump was kept going continuously until Wednesday. After the vacation, unfortunately, there was about a foot of water in again, but this was soon pumped out. By the end of November, however, the dam was scooped and full again.

When hay cutting was started early in November, it was thought that only headlands would be cut. Later, however, Daly's A, a crop of Gluyas wheat, was cut. This will yield about two tons to the acre. It was then decided not to use the thresher this year. As a result, half of the permanent experimental plots had to be cut for hay. The other half will be reaped, and straw and grain yields will be calculated from the weight of the hay.

During the early part of this session several bureaux have visited the College. One party from Freeling numbered over seventy, and during the month of October there were over four hundred visitors at the College. They were all given an excellent dinner, but we must apologize for being unable to supply one visitor with his usual dinner beverage.

We welcome back to the College Klose and Beckwith. They are working as cadets, the former on Experimental, and the latter on V and O. We wish them the best of luck, and trust that they will not overburden themselves with work. The Council has approved of the appointment of three cadets to work in the Chem. Lab., on V and O, and on Experimental. A cadet for the Lab. has not yet been appointed.

Great strides have been made in the vineyard this year. About half the Shiraz in No. 16 are to be worked over to Grenache. Half of the number to be done were cleft grafted this year, and we are pleased to see that they have nearly all taken.

On account of phylloxera restrictions we have a very limited number of vine varieties in this State. With a view to increasing the number a series of crosses have been started, and we can only hope that several new and satisfactory varieties will result.

A portion of No. 15 has been cleared, and is to be planted this year with Grenache. This paddock will be occupied with an experiment on the manuring of vines in non-

irrigated areas. It will have to be duplicated, though, in some part of the State better suited to vinegrowing.

A new turkey run has been erected behind the Principal's house, enclosing about two acres. For a start there were three turkeys and a gobbler, but recently one turkey has hatched out nine little turkeys.

Several experiments are also being carried out with the sheep. A fat lamb breeding experiment has just been started. Dorset Horn, Suffolk, Shropshire, Ryeland, and Southdown rams are being mated to Border Leicester-Merino Half-bred Ewes. These are the ewes which have, in the past, produced fat lambs of exceptional merit.

A sheep-feeding experiment is also to be carried out under field conditions. Chaff, oats, ensilage, and Meggitt's nuts will be incorporated.

The eelworm has again been found in the majority of crops in this district. By means of a gadget devised to give some measure of soil compaction, definite evidence has been obtained that eelworm damage and poorly compacted soil go together. This year's results will probably give rise to a control experiment next year.

The round cement watering troughs removed from the stables have not outlived their usefulness—they may be seen weighting the ensilage stacks, as miniature wine vats, and also functioning as flower pots. Fifteen of these have been planted with vines to test out the manurial and water requirements of the vine under local conditions; the results obtained will form a basis for field trials later on.

An effort is being made to select a superior strain from various vine varieties. A large number of cuttings from good and poor vines have been planted to test the possibility of improvement along these lines by comparing their yields. It is hoped that greatly improved strains may be selected, as little work has been done along these lines.

A soil survey of the College farm has been in progress as time permitted. About one quarter of the area has been covered. Noting the lack of effort in recent weeks, we judge that it is regarded by the Lab. staff as a winter sport.

The experiments on Twin Lamb Disease were continued this year by Messrs. Hickinbotham and Bennett, but owing to circumstances the start was made too late in the season. While it was not possible to investigate treatments, the results obtained from a number of blood analyses gave valuable support to the general hypothesis that this disease is associated with a deficiency of calcium in the blood. Their results also indicate that prolonged dry feeding and lack of exercise—conditions which are known to favour this disease—also cause a lowering of calcium in the blood.

The chief interest in the experimental fields has been centred in the resumption of the manurial and rotational experiments after a year of additional fallow, and in the splendid growth of the cereal plots in "George's," where some high yields are expected. Many new strains are attractive.

As a result of the appointment of a cereal cadet, it will be possible to develop the breeding work. A large number of selections are being made from promising hybrid strains this year, and these will make an attractive plot next year.

With the help of the new motor stripper, now being constructed in the mechanic's shop, the harvesting of the stud rows and plots can be much more efficiently performed.

The bull yards are now being shifted from behind the hay sheds to a much dryer position at the north end of the old oval. The yards are more extensive and certainly more hygienic.

The year has seen several changes about the farm. The stables have been altered to the extent of taking down the stalls of

the northern race and using tie ropes instead. All the single watering troughs have been removed, and horses now water in two far more hygienic main troughs. A square of cement was also put down with the idea of using it as a horse wash.

The fallows this year are a credit to the College. The second cultivation has been finished, and there is a complete absence of weeds. The mulch is very even, with a suitable number of clods. Experimental fallows, though, are a trifle on the fine side, and will probably settle very hard when it rains.

At long last the Tennis shed is being erected, under the able direction of Mr. Macadam. The Tennis courts this year are in perfect condition, and are so far standing up to the wear well.

A mulching experiment is being carried out in Nottle's, and on occasions one may see behind a hand cultivator the sweating form of the laboratory assistant, vainly endeavouring to get his weight down.

In conclusion, let it be stated that students will no longer tolerate the idea of appearing in a black coat instead of a blazer. It has been definitely decided to alter the pattern from black with a pink edge to black and pink stripes. Several samples have been obtained, but a definite pattern has not yet been chosen.

P. C. A.

* * * *

STAFF NOTES.

Reviewing the year through Staff spectacles, events of vital importance have moved quickly across the kaleidoscope of night and day since our last issue. The calm of Charybdis was whirled into a vortex by the strike of students and resultant inquiry, mentioned elsewhere in this number. In spite of pessimistic speculation as to the probable outcome, loyalty to the College was the keynote throughout, and a "business as usual" notice could have been posted with

sincerity, as not one hitch occurred to interrupt the serene tenor of routine work.

Following the resignation of Mr. Birks, the administrative office was filled temporarily by Mr. W. J. Spafford, and the new session opened to high pressure work all round. Soon afterwards came the appointment of the Governing Council, and the new Principal, Dr. A. R. Callaghan. Drastic changes have been marked by their absence, and normality of College life has been quietly achieved.

The students are to be commended on their exemplary behaviour throughout the year, not one untoward incident having occurred to mar the opening phase of Dr. Callaghan's regime. This is but another instance of "personal" as opposed to "imposed" discipline, a trait in the Australian character so well exemplified in the A.I.F., and augurs well for the return of a true "College spirit." In the presence of such a spirit imposed discipline is supererogatory.

Ave.

Elsewhere we deal more fully with Dr. Callaghan's appointment, but take this opportunity of extending him a very hearty welcome from the Staff, with the sincere assurance of active co-operation in all branches to lighten the burden of his arduous position.

We also welcome Mr. O. Bowden to our ranks as farm superintendent. Being an Old Student it has taken him no time to settle down and get things running smoothly, in spite of the handicap of Mr. Gurner's enforced absence through illness.

Vale.

During the year Mr. L. W. Beaumont, farm superintendent, resigned in order to take up farming near Gawler, and a presentation was made to him by Dr. Callaghan on behalf of the Staff. All wish him success in his new venture.

We take this opportunity also of extending to Mr. Gurner our sincere wishes for his quick return to health and strength. His melodious voice, gently giving directions to students and teams, is sadly missed, and the farm has sunk to almost cloistered silence.

The pleasure we have in congratulating Mr. W. Daly on his marriage early in the year is overshadowed by the recent loss of his father, Mr. J. Daly. "Old John," as he was affectionately known, was a very old identity at the College, and was held in high esteem and respect by all who came in contact with him. We extend to his sorrowing family our deepest sympathy.

* * * *

THE NEW PRINCIPAL.

Our new Principal, Dr. Allan R. Callaghan, D.Phil., B.Sc. (Oxon); B.Sc.Agr. (Syd.), was born on a country property, so that he has had country associations and interests from the start, and he has carried this practical beginning to a scientific pinnacle, as represented by a Doctorate in Philosophy, and the Principalship of this College, at the early age of 29 years.

Passing from Bathurst High School to the Sydney University, Dr. Callaghan completed a meritorious course with honours, and he excelled in athletics and football, in which he represented both his College (St. Paul's) and the University. He was selected Rhodes Scholar for 1925.

Research work claimed his attention at Oxford. His diligence and powers of observation gained further laurels for him, culminating in a thesis on the oat plant which won him the Degree of Doctor of Philosophy. In spite of the application required in this work, the athletic side was not neglected, and he found time to represent both St. John's College and the University in football.

Returning to Australia in 1928, experimental and research work were continued at Cowra and Wagga Experimental Farms, and much valuable work on plant breeding and related subjects has been published.

His outstanding qualifications and attractive personality ensured his selection for the position of Principal of Roseworthy, and the College has reason to congratulate itself on the appointment of one so eminently suited to the position. The combination of practical and theoretical knowledge, allied to a keen interest in sport and a genial presence, make him an ideal head for such an Institution as this. The fact that Dr. Callaghan is a Rhodes Scholar is a further matter for congratulation, he being the first of that select and distinguished company to occupy the position.



ALLAN R. CALLAGHAN, D.Phil.,
B.Sc. (Oxon.); B.Sc. Agr. (Syd.).

Year Notes.

THIRD YEAR.

The time has inevitably come when we sit down and pen the year notes for the last Magazine we shall probably ever help to prepare. By rights, the notes of such a year as ours should be the brightest spot in a "Student," but we ask our readers to forget that, "the apparel oft proclaims the man," and not to judge the year by the writings of this poor scribe.

With only one Magazine published this year, there is a great possibility that many interesting events will remain unrecorded, but let's to it.

Our year can be likened to a flock of sheep. Many of the flock have been allowed to lose themselves in the highways and byways of life, and a few have been culled. Thus we were able to muster only twelve at the first call over this year. Fortunately the numbers were increased by the addition of one never-to-be-forgotten member of the 1930 second year, and, after many negotiations, the South-Eastern hero was pulled out of the second year, where three of our original number still stagnate.

The unenviable position of Councilman was bestowed upon Emery, and we offer him our congratulations.

Unfortunately for those few whose musical tastes tend towards the classics, we have numerous instruments, out of which emanate various monotonous and wonderful—well, I suppose they are—tunes. One "hard" musician is not satisfied with deafening us, but has to convulse us with facial contortions. Among other noise producers the wireless leads by half a length, with Fish at the helm, who also renders delightful melodies on the "pull it and squeeze it."

The Second-years were greatly elated at winning the tug o' war, but that's not all that wins shields, and as each event was decided we drew away from them and won easily. We congratulate "Ned" on winning the Cup, and also others who ably assisted him to win the Inter-Year Shield. "Treacle" surprised us all by travelling as swiftly as his friends the bees. While mentioning Sports, we also congratulate John on winning the fourth Broderick Medal in succession for the College. His effort will be found all the more meritorious if the reader refers to the report of the football matches. The Roseworthy Football Team were ably supported by

three or four "die-hards," who always seemed to enjoy themselves, judging by their returning jollity.

"Robot" has been an unfailing source of amusement. One memorable Sunday morning, which he is never allowed to forget, he rebelled at cleaning sties in the dark and dirty piggery, and was found reposing on the "verr good" bed of a member of *Sus scrofa*. The other day he determined to outwit the Swimming Committee, and fell (?) into a bucket of water on the Tennis Court—resulting in complete "beweelderment."

Anyone desiring an unfailing anti-dairy toxin should apply to the "Lost Property Office," but we fear that the cost would be prohibitive.

The "Arch critic" has lately decreased the time of his daily dozings, and is seen rushing up and down the corridor with a striped nightmare on one arm, and students' weak literary efforts on the other.

As of yore, we finish with a question, "How many days' vacation are two R.A.C. jellies worth?"

* * * * *

SECOND YEAR.

This year has seen great changes in our midst. Of the twenty-one who finished last year, only twelve returned. We have, however, three old Second Years with us, and two venturesome spirits; Olaf, the well-known clod, and Woody, the dunce. This brings our tally to seventeen.

Our twittering brethren are still a constant source of amusement. It is admittedly difficult to say whether "H" stands for Hilary or Hotel, but it is still more difficult to know what to do when a bee, *Apis mellifica*, gets under your mosquito net.

Our Year comes from all parts of the State, but of all the tales, fishy and otherwise, that are told, Hawker holds first place. Look at its products! A really intelligent gar-fish, who is perfectly capable of making himself a disgusting nuisance at 8 o'clock on a Sunday morning. We wonder if he will repeat it?

The Second Years are proud to say that they won the tug o' war, and gave quite a creditable account of themselves in the rest of the sports programme.

After the sports came the dance, and, wonder of wonders, the non-dancing Coonawarra dark horse appeared with a fairy in tow. O Jacky, dear, be warned! Take care of your family

affairs or the unexpected will happen. Unfortunately our hero retired to bed at midnight in preparation for the morrow's dairy.

We congratulate Harry, our efficient, up-to-date quick-service steward on the way he carried five plates. Previously we believe the record stood at four.

The Renmark Casino, alias Streaker, is still with us, and he is quite capable now of telling you anything you wish to know. There is a rumour round that he did a day's work pitching ensilage once—was it forty or fifty feet?

We are told that our wooden-headed (?) new arrival won the Tennyson Medal last year. Alas! we have no signs of his literary genius in this issue, but perhaps next year he will be Editor.

In conclusion, we wish all and sundry a good harvest, a Merry Christmas, and a Prosperous New Year.

* * * * *

FIRST YEAR.

We have lost several of our number during the year. The first to leave was Darky Phillips, who survived only about a fortnight. It is thought that the bulls frightened him away, because when feeding them he threw the chaff under their water troughs, thinking that the doors led into the open yards. "Tipper" Ryan was the next to leave us, being promoted to the Second Year. We lost Jeff. Eime at the end of the second term, when he went home to work on his father's farm. We believe he is still examining his tractor grips.

Geddes, our gangster, and Turner, decided to economize by cutting one another's hair with the horse-clippers.

We will remind Martini that it is advisable to leave the chaff shoots closed while the bin is being filled.

Minhard (our long streak) finds his toes a long way from his head every night, so he takes Boxer to bed with him to keep them company.

We heard that "Squirt" found a dressing of tomato sauce, a little jam, and a sprinkling of sugar, to be a good hair curler.

"Buck" is one of our dark horses, being good at both Sport and Bookwork, and, of course, Green is world famous for his oranges.

Evan had an argument with a harrow—a convenient method of avoiding the exams (which were cancelled).

No windows have been broken for some time, which evidently means that Orch. has forgotten his profession.

We congratulate Prowse on being elected as Councilman, and also Hay, for gaining first position in the Terminal Exam.

* * * *

SOCIAL NOTES.

In August the usual small dance was held in the College Hall. Really the number present came very near those of the 1931 Ball. Unfortunately, the weather was not quite what it might have been; but the rain eased off towards evening, so that the visitors escaped a wet welcome. It was quite a success. Everyone seemed to enjoy it, although the "fast" floor is not quite what it ought to be. Still, hopes are high, for it is rumoured that next year—

The great event of the year, namely, the College Ball, after Athletic Sports, was held on October 6th. The weather was ideal. The typical "soft Australian night" followed the day that so rarely arrives for a sports day, i.e., fine and sunny, and gave those that were tired of dancing a little restful solitude (?). The

hall was decorated in pink and black, the dark tone being brightened by the variously shaded evening gowns of the fair sex. The music was provided by the Collegiate Orchestra. Supper was served in the museum, which was charmingly decorated by the Women's Committee, Mesdames Callaghan and Gilbert. Judging by the chaotic condition of the hall afterwards, it would seem that it was thoroughly appreciated by everyone. It is rumoured that several non-dancers played a very fair string, especially with regard to trifles. The last of twenty-three dances finished at 2 a.m., to be wound up with a war cry which seemed to lift the roof. Soon the last of the cars had left the College, and we turned wearily to bed, having enjoyed a wonderful evening. We hope our visitors did also.

* * * *

LIGHT HORSE NOTES.

Looking back we find that the Troop has had a most successful and entertaining year's training.

At the end of last year eight of the Troop left and were discharged. We also lost Corporal

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Beaumont, who is now commanding a modest dairy near Gawler. Perhaps he thinks he can score more bulls that way. We are sorry to lose Lance; he could always be relied upon for a happy diversion. All gaps in the ranks, however, were filled by new students, who are rapidly proving their worth.

The following carried off the annual prizes and are to be congratulated:—

Corporal Emery, Best Machine Gunner.
Lance-Corporal Gunson, Best Machine Gunner.
Lance-Corporal Patterson, Best Rifle Shot.
Trumpeter Pownall, Best Horse Master.
Trumpeter Gibbs, Best Swordsman.

Several voluntary night parades have been held; they were well attended and appreciated—the suppers particularly.

This year, owing to the press of College work, the annual Bivouac Camp had to be confined to two week-ends. The first stage was two days on the Gawler Range spent in firing the Rifle Course and M.G. Course, and a pleasant day in Crouch's D scrub doing mounted troop drill and general instruction. The second stage consisted of a pleasant week-end camp at Turretfield. Here we had a most enjoyable time. Special thanks are due to Sgt. Brown, whose cooking absolutely made a success of the camp.

As these notes go to press we are about to set out for a week-end of field practice at Port Wakefield. The Troop are all looking forward to this outing, and hope to put in a good time.

* * * * *

OENOLOGY TRIPS, 1932.

Features of the instructional work in the above subject this year have been the educational trips connected with this section of the Third-year course, and the facilities placed at our disposal by leading Australian wine firms for carrying out the more practical side of the wine student's education.

In the early part of the first term of this year, we visited Messrs. Tolley, Scott & Tolley's distillery at St. Peters, and Penfold's Wines, Ltd., at Magill. This trip, besides being enjoyed by everyone concerned, was voted a particularly instructive one by the "budding oenologists" and served to stimulate the desire for acquiring all their instruction in the same pleasant manner.

At both places we were met by Old Students of Roseworthy, and conducted by them on a tour of inspection of the establishments. There are but few wineries in Australia at present where Old Students are not represented in some managerial

capacity, which, in a way, is only what one would expect, as Roseworthy is the only College in Australia which boasts an Oenological course of studies.

If one may be pardoned for departing for the moment from matters relevant to these notes, the reader's attention might also be directed to the fact that the reins of administration, and the control of the destinies of the viticultural and winemaking industries are largely in the hands of Roseworthy Old Students, as instanced by the membership of "The Federal Viticultural Council," and the "Wine Overseas Marketing Board."

At Tolley, Scott & Tolley's, we were met by Mr. Reg. Tolley, who went to considerable trouble to explain the operations connected with the manufacture of wine and the distillation of brandy, both processes being in progress at the time of our visit, and it was noticeable that no inquiries were made as to whence "Feints" received their appellation.

After lunch in the city we proceeded to Penfold's Magill Winery, where we were shown over this extensive and up-to-date establishment by another Old Student, Mr. A. E. C. Fornachon (recently deceased). Here we were greatly impressed by the efficiency of the plant and the thoroughness with which the product was handled from the bacteriological aspect, the wines being subjected to regular and systematic examination in a well-equipped and up-to-date laboratory. The intricacies connected with the "champagne" system of bottling were adequately explained, and an opportunity was afforded us of tasting the product of this process.

Recently, during the present term, we were fortunate in being afforded the opportunity of a visit to Messrs. Smith and Sons, "Yalumba Winery" and cellars at Angaston, in the Barossa district, the home of the famous "Port" type wines of Australia. The quality of these wines is becoming known the world over, and they are being favourably compared with the wines of the "Douro" Valley in Portugal, the home of wines of this type. We were left with the impression that if Douro wines are comparable with the Barossa product they must indeed be excellent.

During the trip by road to Angaston, through the heart of the wine districts, an idea of the devastating effect of frosts on the early spring growth of the vine was made very apparent, acres of vines in locations "favourable to frosting" were in a sorry plight.

A call was first made at the "Vitners," a winery but recently built and lately acquired by Smith's. Here we were met by Mr. W. G. Geiger, whose knowledge of modern Continental winemaking practice is extensive, he having been educated at Geisenheim University, in Germany. Mr. Geiger deplored his lack of facility of expression in English, but it was evident that he had little to apologize for on this score, and his talk on the technique of winemaking proved both interesting and instructive. "The Vitners" is a winery the design of which adapts itself to the efficient and convenient handling of the grapes and "must." After leaving this winery, we proceeded to Yalumba. This picturesque building, with its pleasant setting, is an impressive sight, particularly if it happens to be one's first visit to Angaston. After a tour of inspection of the premises, in the course of which we were much impressed by, and envious of, the capacious and excellently-equipped laboratory, with its various gadgets for testing and examining wines. A number of type wines were submitted for our criticism, among which were a number of prize-winning exhibits at recent State Wine Shows. The 1932 Champion "Port type wines," of Adelaide and Sydney re-

spectively, were undoubtedly wines of exceptional merit, as also were many of the other types submitted.

At this stage we were introduced to Mr. W. G. Smith, better known as the Squire of Yalumba, who welcomed us on behalf of the firm. Mr. Geiger, to whom we are deeply indebted for the very thorough and concise explanation of the various processes connected with cellar routine, in a few words expressed the pleasure it had given him in showing us over Yalumba, and we left feeling that the College had formed another valuable link with the winemaking fraternity of the State.

In past years we have been the recipients of similar hospitality to that shown us this year, at the hands of B. Seppelt & Sons, Seppeltsfield; H. M. Martin & Sons, Stonyfell; and T. M. Hardy & Sons, Mile End and Currie Street; in fact, wherever we have been received by wine men we have felt that our hosts have been ever eager to assist us in our search for knowledge.

The practical oenology classes this year have been made infinitely more interesting and instructive by the generosity of leading wine firms who donated representative samples of wine for tasting purposes. Besides samples from all

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You go to great expense to purchase good seed, and take a lot of care in the growing and grading of your wheat, for you realize it has to yield a good price to repay you—but are you neglecting to treat the grain with the dry pickle to eliminate smut?

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the wine districts of this State, we have been fortunate in obtaining samples from the Rutherglen (Victoria), and Hunter River (N.S.W.) districts, through the courtesy of Caldwell's, Ltd. (Sydney).

A suggestion has been made by several Old Students prominently connected with the wine industry that it would be an excellent idea if the Royal Agricultural and Horticultural Society would favourably consider the presenting to

the College annually, with the consent of the exhibitor, a sample of each of the exhibits entered at the Adelaide Wine Show. Needless to say, we heartily agree with this suggestion.

In conclusion, we offer our sincere thanks for the assistance afforded us by wine interests generally in our endeavour to give the students as sound an education as possible with our limited facilities.

"COQ AU VIN."

The Principal's Letter

It would not have been a matter for surprise had I come amongst you with certain fear and trepidation, for the prophets of my own land were many, and their fear great; yet in my innermost self I came light-heartedly, even with a smile on my countenance, ready to meet the unbridled onslaught of what, after all, might prove to be nothing more than a community of normal individuals. So I have found you, and taken my place amongst you, and while the normality of your conduct and regard surprised me, I have been astounded, and I might add almost embarrassed, by the spontaneous cordiality of your reception. Your enthusiasm towards me at the outset has helped considerably, I can only hope that it will endure, but as the novelty wanes, and routine overtakes us all again, I can well understand that you will modify your opinions of me, yet, whatever else, we all hope that the Institution will be graced with understanding, good fellowship, true education, good farming, and earnest example.

Through the medium of what I might write here, I feel I am making contact with many Old Students whom I have not been privileged to meet. It is especially to them I am anxious to direct a few remarks. I have no need to direct any words to the students at this juncture, for as far as they

are concerned, they have daily contact with me, and by "being to their faults a little blind, and to their virtues very kind" (*ad infinitum*) we manage to look at one another for the most part full in the face and with conscious peacefulness. The Old Students, on the other hand, I feel I should know better, certainly they become acquainted with me in small measure through reflex actions of the College nervous system, but I hope for closer contact and co-operation.

Troublous times have recently shaken your "alma mater," the place to which you, as Old Students, owe, in most cases, your present position in life. You now have the opportunity to help, for by full and sympathetic understanding you can revive your old College spirit, and rekindle the fire of enthusiasm for its greatest traditions, then, with the torch ablaze, hand it on to others. We need students! We need staunch supporters against the misinformed critic! We need, in fact, your co-operation, your understanding, your encouragement, and may I add, even your sons.

I look to you for a fellowship that will welcome all the graduates that pass through my hands and help them to retain the spirit and traditions of the oldest agricultural college in Australasia.

By way of adieu, for the time being, may I quote, "Wir heissen euch hoffen"—we bid you be of hope.

PRIZE LIST—YEAR 1931-32.

THIRD-YEAR STUDENTS.

Gold Medal (presented by the Royal Agricultural and Horticultural Society for the highest aggregate in all Diploma subjects), G. D. Hubble.

Second Aggregate Prize (presented by the College), A. R. Beckwith.

Old Students' Cup (presented by the Agricultural Old Collegians' Association for the highest aggregate in Agriculture and Veterinary Hygiene), G. D. Hubble.

Practical Examinations (presented by the Members of the Advisory Board of Agriculture), G. D. Hubble.

Agriculture (presented by Mr. W. J. Spafford), G. D. Hubble.

Outside Work (presented by the Albert Molineux Memorial Trust), G. P. Day.

Morphett Medal and Prize for Dairying (bequeathed by the late Mr. A. H. Morphett), A. R. Beckwith.

Ploughing (presented by the Director of Agriculture), J. E. Morphett.

Oenology (presented by the S.A. Vinegrowers' Association), G. P. Day.

The Haselgrove Prize in Viticulture (presented by the late Mr. C. F. Haselgrove), A. R. Beckwith.

Book-keeping (presented by Mr. W. H. Cowper), T. H. Torr.

Farm Diary (presented by Mr. L. W. Beaumont), R. F. Brechin.

Farm Machinery Prize (presented by Messrs. H. V. McKay, Massey-Harris Proprietary, Limited, for the knowledge of farm machinery), A. Pengilly.

Sheep Husbandry (presented by Mr. W. S. Kelly), G. D. Hubble.

Identification of Cereals (presented by Mr. W. F. Leak), G. D. Hubble.

Swine Husbandry (presented by Mr. E. A. Wilcox), G. P. Day.

Vine and Fruit Tree Pruning (presented by Mr. C. A. Pollitt), T. H. Torr.



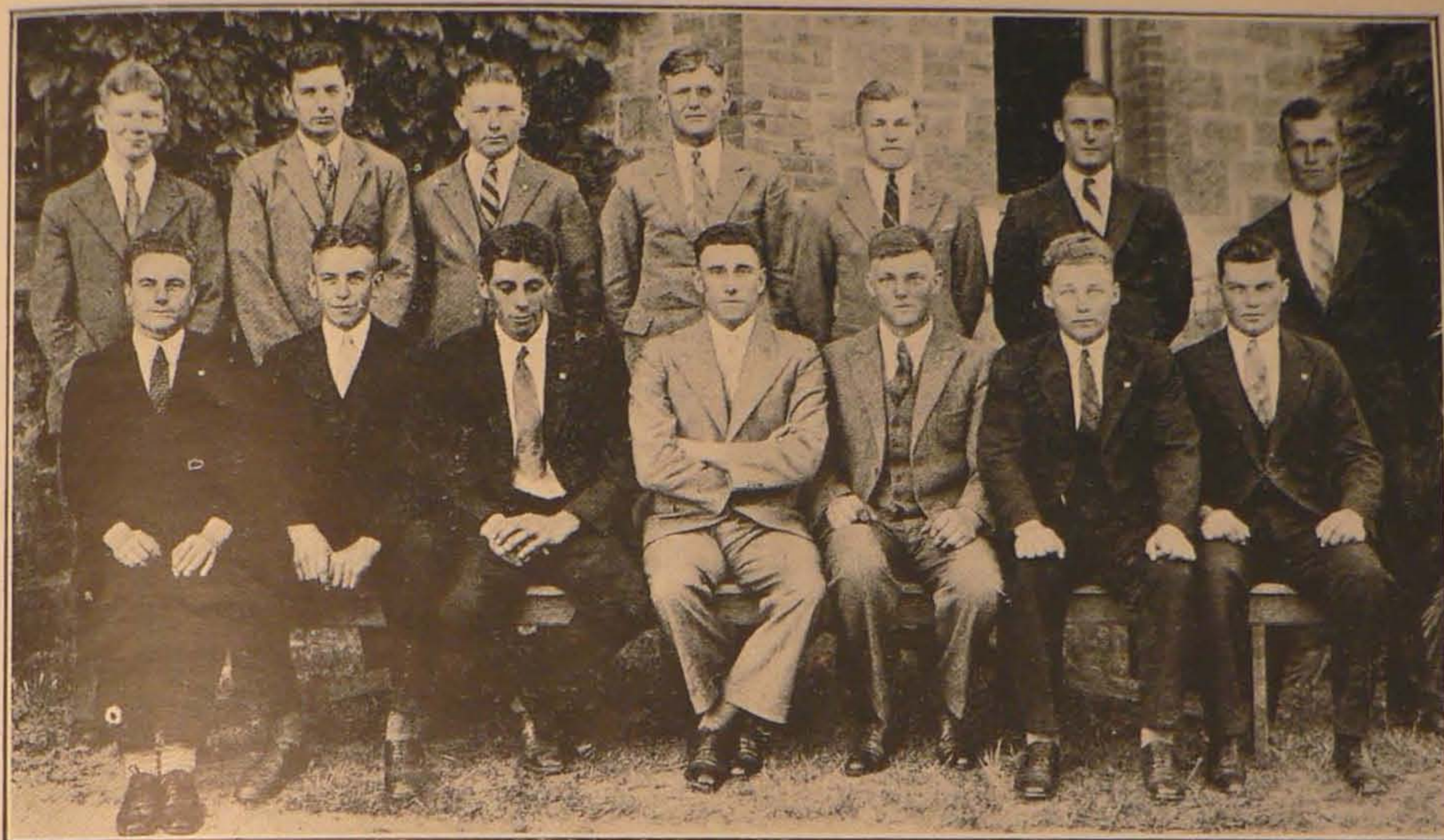
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DIPLOMA CLASS, 1932-1933.

Back Row—Eardley, W.; Honey, H. M. W.; Paeker, R.; Hooper, F. H.; Gee, B. R.; Kelly, C. W.;
Horne, R. L. K.

Sitting—Benzie, A. C.; Pownall, R. A.; Emery, R. E. (C.); Dr. A. R. Callaghan, Patterson, H. R.;
John, W. C.; McAuliffe, T. D. Absent—Pollitt, C.

SECOND-YEAR STUDENTS.

Dux of Year (Silver Medal, presented by the
Gawler Agricultural Society), J. D. McAuliffe.

Second Aggregate Prize (presented by the
College), A. C. Benzie.

Agriculture (presented by Mr. W. J. Spafford),
H. R. Patterson.

The T. G. H. Buring Prize in Viticulture, C.
Pollitt.

Morphett Prize in Dairying (bequeathed by
the late Mr. A. H. Morphett), H. R. Patterson.

Outside Work (presented by the Albert Moli-
neux Memorial Trust), J. D. McAuliffe.

FIRST-YEAR STUDENTS.

Dux of Year (Bronze Medal, presented by
Mr. George Jeffrey), A. W. M. Gunson.

Second Aggregate Prize (presented by the Col-
lege), P. C. Angove.

Outside Work (presented by the Albert Moli-
neux Memorial Trust), A. W. M. Gunson.

Agriculture (presented by the College), P. C.
Angove.

The Morphett Prize in Dairying (bequeathed
by the late Mr. A. H. Morphett), P. C. Angove.

Contributions.

REMEMBER . . .

There's always something don't seem right
Wherever you may be,
So try and take things as they come
While you're at R.A.C.

You'll find you always have to work—
That's what this life is for—
So just set to the job in hand,
You'll maybe like it more.

You've got to get your training now,
If you're to win a place;
There's many more out on the field
Who want to win the race

Make sure, whatever else you learn,
You learn to be a man;
The race will soon be starting now—
Enjoy life while you can.

Yes. Try to make the best of life,
It's really N.T.B.
You'll find there's quite a lot of fun,
Right here at R.A.C.

Anon.

* * * * *



WE'VE HEARD THESE BEFORE.

"How about a butt?"

"That's just my idea, I might be wrong,
I don't know . . ."

"What's the next lecture?"

"I—say—you—boys—don't—you—think
—it's—time—you—went—to—bed?"

"Comin' Joe!"

"Anyone going to Gawler on Saturday
night?"

"Cut out the rough stuff, you mob."

"Wonn Breck!"

"When are you going to pay me for that
last, John?"

"Got any weed?"

"I saw that tea made five minutes ago."

"Who's on duty to-night?"

"Going on with the note."

"For to give strength . . ."

"There's no returns, Ned, are there?"

"How was D—lph this morning?"

"That's the point in that!"

"Mark you—when I was in Fiji, we used
to——"

"Eh!! Onderstand, Lad?"

"Come over to the saw bench for a
smoke."

"What time do you make it, Keith?"

"We will go on from where we left off
last time."

"To—er—bring about—er—the—er—de-
sired result—er . . ."

"It's all right: Jerup's on."

"So I says to me cobber, when me and
the missus . . ."

"There's to be no smoking in the hall or
crowding in doorways."

"However, on the other hand, it must
be remembered that as time goes on . . ."

"That Ensilage is a really good fodder,
will be seen from the following table . . ."

The Frankeleyns Tale.

The following article, in continuation of our series on the old days of the College, has been contributed by Rev. W. W. Terry, of Murray Bridge, who was a student from 1898 to 1901.

My arrival at the College, very soon after landing from England, took place on Wednesday, February 9th, 1898. I am able to be precise, for in those days I kept a diary, which has been very useful in compiling these reminiscences. Professor Lowrie was Principal; Professor Perkins had charge of the viticultural department, with Mr. McBain as assistant. Mr. J. A. Haslam was Housemaster and Secretary; Mr. Jarman ruled the farm; Jack Hocking was stockman; Jack Williams the blacksmith; and Bill Day the mailman. In their different ways they were all very kind to me. Looking back, my strangeness to the ways of the colony (as it was then generally called), my youth, and inexperience must have tried them greatly. There were numerous clashes, of course, but my retrospective verdict is that they all treated me with wonderful fairness.

The first day's work was grape-picking. It sounds easy enough, but at about 10.30 a.m., on learning the time, I did not think it possible to live the hour and a half to dinner. The vintage ended, I found myself on a fencing job, and discovered a thing called a crowbar, hating it on sight. It had been lying in the sand, under a hot sun, and felt red-hot when first handled. Adapting myself somehow to the new conditions, a fairly happy time ensued, and it now seems that gaining 69 per cent. of possible marks at the end of the first term was rather a creditable performance. Some of the students of my time had strong personalities, for they impressed themselves indelibly on my memory. Beau Read, the dashing athlete; Falconer, expert at all farm operations; George Main, the judicial; and

many others; e.g., "Scrim" Richardson. Does the celebrated A.E.V. remember that detail? The farm horses evidently had similar powers. Most of them were named by the Professor, and showed (as I thought) an over-weening fondness for things Scotch. There was Nevis, a mountain of a horse, but the kindest and staunchest of animals; and the noble Cheviot, always so willing and docile, to mention but two.

The diary records several enjoyable trips by the students, Collinsville, Murray Vale, the wool trip, for example. Once we paid a visit to the model farm of Mr. Dawkins, at Two Wells, but the only incident that remains is that young Jack Nesbit would mount a buck-jumper, and was thrown. But the Third Year wine-trip, to Seppeltsfield, Tanunda, Yalumba, and some other places. Never to be forgotten the hilarity, and the astounding hospitality of the proprietors of the places visited.

There are some almost unbelievable notes in the diary; e.g., prosaic remarks that some of us bathed in dams in July and August. One very vivid memory is of the day when the exalted Third Year student working the binder was called away. There being no one else available to fill his place, I was thrust into the job. If now called upon to navigate an aeroplane, I would not feel so flustered as I did when called to navigate that machine.

Space forbids anything but a careful selection from my records. Australian football did not at first appeal to me after Soccer, and I had great difficulty in forcing myself to conform to the rules. Nevertheless, I gained a place in the College Eighteen, and was a member of the team that on the Adelaide Oval defeated Princes, Saints, and Way Colleges on three successive hard-fought days. That was something of an achievement, I imagine. A photograph of that team confronted me recently in the home of another member, Andy Chillingworth. What memories it

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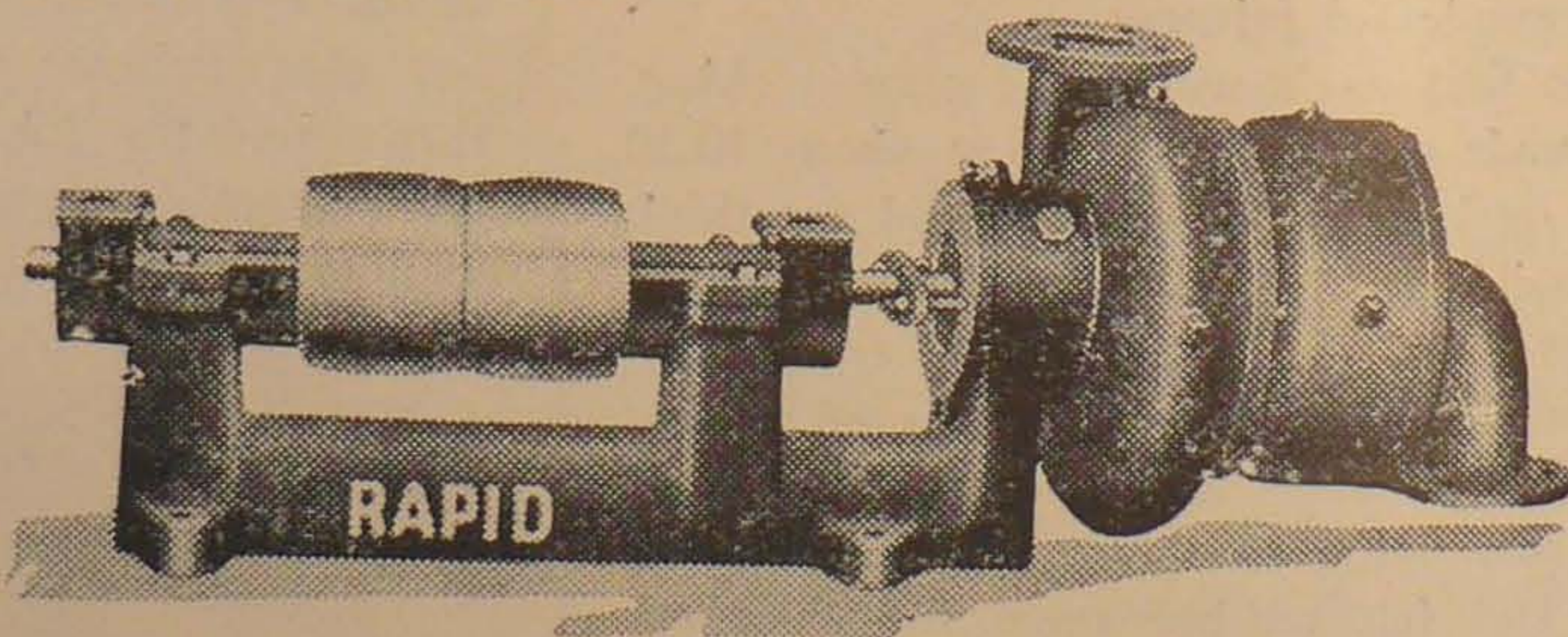
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revived. In 1901 the College undertook to supply over twenty tons of oats for use in the South African War. It was a rush order. The oats were winnowed, put up in two bushel bags, and delivered on trucks at Roseworthy Station in three days, and we all enjoyed doing it.

Although forsaking the land as a career soon after leaving the College, my time there was by no means spent in vain. I gained health, strength, self-reliance, and what has stood me in good stead on countless occasions, some power of improvization. In my time at the College, if a machine went wrong, we never dreamt of rushing off to the repair shop. We improvized some means of carrying on, at least temporarily. It had to be very vital to beat us. No doubt it is the same with the present students. Such a spirit is invaluable in any walk of life, and if Roseworthy can still instil it into its students, then long may the College remain.

* * * * *

OLD COLLEGIAN VISITS AMERICA.

On behalf of the New South Wales Government.

The present Director of Fruit Culture in the New South Wales Department of Agriculture, who is C. G. Savage, was a student at the College during 1902 to 1905.

On completion of the Diploma course he was engaged for twelve months as a Cadet on the College vineyard and orchard, after which he joined the South Australian Department of Agriculture as Manager of the Adelaide and Blackwood Experimental Orchards. In 1917 Mr. Savage was appointed to the management of the State Irrigation Experimental Orchard at Berri on the River Murray. While in charge of that station he received promotion to the position of Deputy Horticultural Instructor.

In 1927 Mr. Savage was selected to fill the position of Director of Fruit Culture in the Department of Agriculture, Sydney. This year (1932), in addition to his Departmental duties, he was appointed to the Lectureship in Fruit Culture at the Sydney University.

At the request of the fruitgrowers in New South Wales the Government of that State decided to send an officer of the Department of Agriculture to Canada to investigate and report upon the marketing of citrus fruits in that country, and to make inquiries concerning the manufacture of fruit by-products and other phases of fruitgrowing, both in Canada and United States of America. Mr. Savage was selected to carry out the investigations, and left Sydney in July last and returned in November.

During the tour of Canada the provinces of British Columbia, Manitoba, and Ontario were visited. In the United States the following States, in which particular information was gleaned, were visited:—Minnesota, Wisconsin, Michigan, New York, Washington D.C., Arizona, California, Oregon, and Washington.

In reporting on the marketing of citrus fruits in Canada he states that on the western side of the Dominion there is a good market for about 2,000 or 3,000 cases of oranges, and 1,000 to 2,000 cases of lemons per month, during the period from July to October. The largest market is to be found in Eastern Canada, but owing to the available ships which travel from Australia via the Panama Canal to Montreal being unsuitable for the carriage of citrus fruits, there is not much hope of developing an export trade with oranges and lemons at the present in Eastern Canada.

At the present time there is a strong feeling in Canada for trade within the Empire, and every effort should be made by the Australian fruitgrowers to gain the confidence and trade of the Canadian buyers, by supplying the type of fruit required, and packed in the way that the Canadians require it. It is pleasing to learn that the Australian dried and canned fruit is being very favourably received in Canada, and that the greater part of the trade has been captured by Australia.

The citrus organizations in California are a wonderful example of co-operation; especially is this the case with the California Fruit Growers' Exchange, perhaps better known in Australia as the "Sunkist" Organization. This Exchange controls the majority of the citrus fruit grown in California, and in consequence can regulate the supplies to the various markets through the United States, thereby preventing any one market becoming over supplied. By regulating the supplies the growers obtain the best returns.

The oranges in California are all passed through a sterilising solution such as borax, bicarbonate of soda, or Hypo-Clor. Hypo-Clor is made by dissolving carbonate of soda and caustic soda in water and adding to the liquid chlorine. The fruit, after passing through the sterilizing solution, is passed through a cleansing bath, then through a drier, is then waxed either by the hot fog system or the cold wax method. Paraffin wax is used for coating the fruit; the wax prevents a certain amount of shrivelling, and also gives the fruit a brighter appearance.

The apple orchards in Wenatchee, Washington, are wonderful. In that district alone there are 40,000 acres of apple trees. The yearly production is in the neighbourhood of 15,000,000 bushels. Some idea of the extent of this district and the production can be obtained by comparing the figures of the apple production in Australia, which are approximately 98,500 acres, with 12,000,000 cases yearly average for the whole of our States.

Discussing the manufacture of fruit by-products, Mr. Savage is of the opinion that a greater quantity of fruit drinks can be used in Australia by substituting pure fruit juices for

much of the synthetic fruit drinks that are sold to-day.

There appears to be no reason why cider should not be made from some of the varieties of apples that are grown in Australia. Apple juice, both fresh and fermented, is being used as a beverage extensively in Canada, and the unfermented, or what is known as "Sweet Cider," is popular in the United States. By using apple juice in this way a market is being obtained for the low-grade apples that would otherwise be destroyed.

The use of concentrated fruit juices for soda fountain use is also advocated, as is also their use in the manufacture of sweets.

The quick freezing of fresh fruit and vegetables, and holding of same in a frozen condition, is becoming very popular, and will no doubt be used with advantage in cities and towns in Australia where cold storage facilities are available.

Mr. Savage is preparing a comprehensive report covering his investigations. The report will be published by the New South Wales Department of Agriculture.

E. C. S.



FOOTBALL TEAM, 1932.

Back Row—Arnold, E. A.; Gee, B. R.; Patterson, H. R.; Woodroffe, K.; Pownall, R. A.; Sobels, L. T.; Ryan, H.; Ryan, K.; Prowse, D.; Gibbs, H. C.; Richards, M. H.
 Sitting—Benzie, A. C.; Horne, R. L.; Kelly, C. W.; John, W. C. (Capt.); McAuliffe, J. D.; Packer, R.; Turner, R. J.
 Front—Geddes, R. C.; Hursthouse, J. W.

Sport.

COLOURS AWARDED, 1931-32.

After a meeting of the Sports Union, it was decided to allot the following Blues and Badges:—

Cricket—

Badges: H. T. Ryan, G. P. Day, S. B. Klose, L. McCarter, L. T. Sobels, A. G. W. Gilbert, D. J. Goodes.

Football—

Blues: G. P. Day, W. C. John, N. J. McBain.

Badges: A. L. Oppatt, K. T. Ryan, C. W. Kelly, F. G. Crisp, A. W. Feuerheerdt, A. C. Benzie.

Swimming—

Badges: D. J. Goodes.

Rifles—

Badges: A. W. Gunson, A. Pengilly, J. H. Newland.

Athletics—

Blue: R. B. Stirling.

Badges: F. G. Crisp, C. W. Kelly.

Tennis—

Badges: C. W. Kelly, A. W. Feuerheerdt, R. W. Dunn, B. L. S. Booth, T. H. Torr.

* * * * *

ANNUAL ATHLETIC SPORTS.

The Athletic Club held a very successful meeting this year, partly due to a competent Committee and partly on account of the very favourable weather conditions.

Several new events gave variety from the general routine. These consisted of a Log-chopping Competition, a Relay Bicycle Race, a Stilt Race, and a Stepping-the-Distance event. These stimulated great interest, and the number of entrants were amazing; in fact, in the last mentioned event about 45 out of the 47 students entered.

We regret that the Inter-Year Competition was not as keen as it had been in previous years. In 1931 First and Second Years tied for the shield, thereby arousing much enthusiasm, but this year the Third Years held their own, doubling the tally of the present Second Years.

This year's Cup was won by C. W. Kelly, and to him we extend our congratulations. His efforts were persistent and outstanding, and he was justly rewarded for his effort.

No one is more noteworthy of praise than K. T. Ryan, who broke the mile record held since 1895. The previous record was held by W. L. Graham, the time being 5min. 11.5 sec., Ryan breaking this by six seconds. We congratulate him on his very meritorious run, and hope that he will again break his own record next year, the possibility of which is far from remote.

The only point which prevented it from being a perfect meeting, was the fact that Packer was hit in the head with an axe during the log-chopping competitions. I feel sure that everyone felt sympathetic toward Reg., but fortunately the wound was only slight.

At the conclusion of the day Mrs. Callaghan kindly presented the prizes.

RESULTS

Sheaf Tossing (Open).—A. W. Gunson, 1; R. L. K. Horne, 2; R. Packer, 3.

Sheaf Tossing (Handicap).—A. W. Gunson, 1; L. Sobels, 2; W. O. Coleman, 3.

Log Chopping.—R. Jones, 1; W. O. Coleman, 2; B. R. Gee, 3.

Kicking for Distance.—R. Packer, 1; E. A. Arnold, 2; L. Sobels, 3.

Kicking for Goal.—K. Ryan, 1; H. Ryan, 2; K. Woodroffe, 3.

Throwing Cricket Ball.—C. W. Kelly, 1; J. N. Charlick, 2; E. A. Arnold, 3.

Hop, Step, and Jump.—M. Jones, 1; R. L. Green, 2; R. Jones, 3.

135 Yards Handicap.—R. Turner, 4 yds., 1; R. C. Hay, 6 yds., 2; J. W. Hursthouse, 2 yds., 3.

220 Yards Handicap.—J. W. Hursthouse, 4 yds., 1; H. Honey, 9 yds., 2; D. Prowse, 8 yds., 3.

First Year 100 Yards Handicap.—R. Turner, scr., 1; R. C. Hay, 2 yds., 2; R. H. Newland, 11 yds., 3.

Second Year 100 Yards Handicap.—J. W. Hursthouse, 1 yd., 1; J. N. Charlick, scr., 2; C. Haydon, scr., 3.

Third Year 100 Yards Handicap.—R. L. Horne, scr., 1; C. W. Kelly, scr., 2; Honey, 5 yds., 3.

Long Jump (Cup Event).—C. W. Kelly, 1; J. McAuliffe, 2; J. W. Hursthouse, 3. Distance, 18 ft. 9½ in.

Putting Weight (Cup Event).—R. Emery, 1; A. C. Benzie, 2; W. O. Coleman, 3.

100 Yards Championship.—C. W. Haydon, 1; C. W. Kelly, 2; R. L. K. Horne, 3. Time, 11 secs.

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BRANDY

- 120 Yards Hurdles (Cup Event).—C. W. Kelly, 1; E. A. Arnold, 2; J. McAuliffe, 3.
 Half-Mile Handicap.—H. Honey, 60 yds., 1; K. Ryan, scr., 2; E. Orchard, 45 yds., 3.
 Stilt Race.—W. Eardley, 1; L. R. Sutherland, 2.
 220 Yards (Cup Event).—C. W. Kelly, 1; R. Horne, 2; E. A. Arnold, 3. Time, 26 secs.
 120 Yards Handicap Hurdles.—E. A. Arnold, 15 yds. bhd., 1; R. Geddes, 3 yds. bhd., 2; R. J. Turner, 8 yds. bhd., 3.
 High Jump.—C. W. Kelly, 1; E. A. Arnold, 2; R. L. Horne, 3. Height, 5 ft. 2 in.
 Gretna Green.—L. Laffer and partner, 1; K. Orchard and partner, 2.
 440 Yards (Cup Event).—J. McAuliffe, 1; R. L. K. Horne, 2; R. J. Turner, 3. Time, 59½ sec.
 One Mile Flat (Cup Event).—K. Ryan, 1; J. McAuliffe, 2; H. Honey, 3. Time, 4.54 7-10 (record).
 Inter-Year Relay.—Second Year, 1; Third Year, 2; First Year, 3.
 Tug of War.—First Year, 1; Third Year, 2; First Year, 3.

SHIELD POINTS.

	1st Yr.	2nd Yr.	3rd Yr.
Long Jump	—	1	8
Putting Weight ..	—	1	8
100 Yards	—	5	4
220 Yards	—	1	8
120 Hurdles	—	3	6
High Jump	—	3	6
440 Yards	1	—	8
Mile	—	5	4
Relay	1	5	3
Tug o' War	1	5	3
Totals	3	29	58

Shield held for year by Third Year.

CUP POINTS.

	Long Jump.	Putting the Weight.	100 Yards.	120 Yards Hurdles.	220 Yards.	High Jump.	440 Yards.	Mile.	Total.
Arnold, E. A. ..	1	3	—	3	—	3	1	3	14
Charlick, J. N. ..	—	—	—	—	1	—	—	—	1
Haydon, C. W. ..	—	—	5	—	—	—	—	—	5
Horne, R. L. K. ..	—	1	1	—	3	1	3	—	9
McAuliffe, J. ..	3	—	—	1	—	—	5	5	14
Kelly, C. W. ..	5	5	3	5	5	5	—	—	28

C. W. Kelly, Cup Winner, 1932.

FOOTBALL NOTES.

We regret to say that this year's team was one of the weakest since the opening of the College. Very few of last year's Football Team returned; in fact, only four of last year's players were with us again this season.

As there were not enough students to make two teams, it was arranged, that any student who did not get a game in the College Team, and still wished to play Football, could join up with Roseworthy. This had the effect of making the "tail enders" persevere, in order to maintain their position in the College Team.

We were most unfortunate in losing Haydon, one of the most promising members of the team, who tore a tendon in his knee in the first match, and was unable to play for the remainder of the season.

During Show Week, on the 14th September, a match was played against the Old Scholars. The match was extremely interesting, being played in a typical R.A.C. spirit, and resulting in a narrow win for the Old Scholars. Mr. Busbridge, who had charge of the game, gave a very good exhibition.

For the fourth year in succession a College player won the Broderick Medal (awarded to the best and fairest player in the Gawler Football Association). This time the coveted trophy was won by our Captain, W. C. John. Considering our lowly position on the premiership list, this is certainly a meritorious performance on the part of John. He was also successful in winning the Kerr Trophy, which is awarded each year to the member of the College Team, who is considered to be "the most consistently effective player for the season."

We feel that John deserves every credit for his play during the season, and for the efficient way in which he carried out his duties as Captain, no easy task in the circumstances. We wish him every success in the future, and hope to hear of him in the sphere of bigger Football.

Results of matches:—

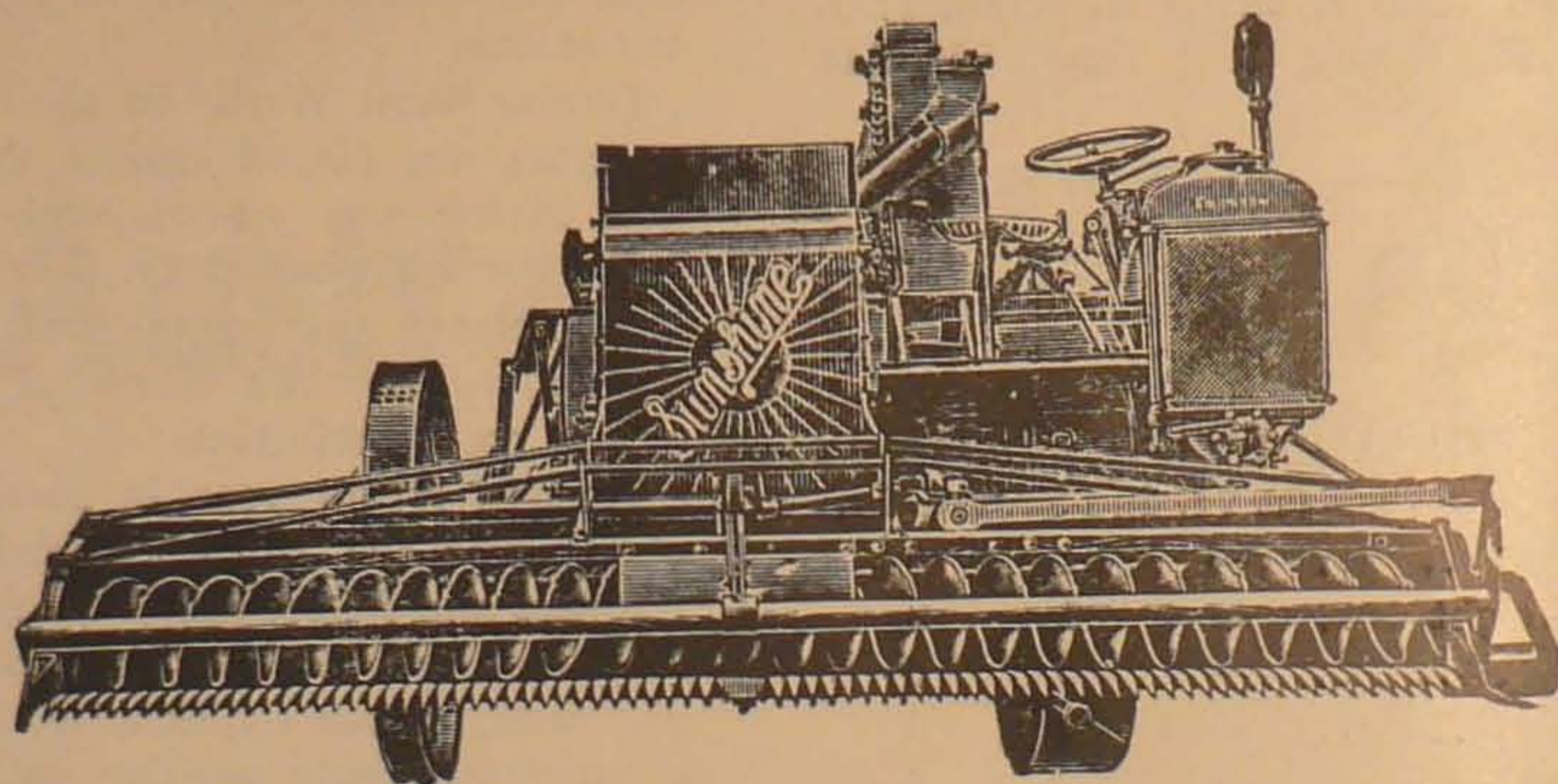
- April 30.—College, 5—3; Rovers, 21—13.
- May 7.—College, 6—6; Willaston, 18—20.
- May 21.—College, 7—7; Salisbury, 10—9.
- May 28.—College, 7—5; Centrals, 19—16.
- June 6.—College, 1—6; Souths, 19—29.
- June 25.—College, 2—1; Willaston, 19—18.
- July 2.—College, 4—8; Centrals, 25—17.
- July 9.—College, 3—1; Souths, 20—21.
- August 13.—College, 4—5; Rovers, 16—17.
- August 20.—Salisbury forfeited.

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Students who played in one or more matches included:—John, W. C. (Captain); Kelly, C. W. (Vice-Captain); Benzie, A. C.; Ryan, K.; Arnold, E. A.; Emery, R. E.; Gee, B. R.; Horne, R. L. K.; McAuliffe, J. D.; Packer, R.; Patterson, H. R.; Pownall, R. A.; Laffer, L.; Haydon, C. W.; Hursthouse, J. W.; Jones, R. W.; Richards, M. H.; Ryan, H. T.; Woodroffe, K.; Geddes, R. G.; Prowse, D.; Turner, R. J.; Honey, H. H.; Sobels, L. T.; Allan, A.

* * * * *

SWIMMING NOTES.

The Swimming Sports last year were held on December 19th, under excellent conditions. It was unfortunate that a slight epidemic of influenza went through the College about a week before the Sports, which had the effect of reducing the number of starters, but nevertheless there were some very fine performances. Owing to the growth of weeds, which all efforts with the rake failed to remove, the underwater swim was not held. However, two new events were included in the form of an Obstacle and a Novelty Race.

D. J. Goodes won the Championship easily, leading all the way, with L. McCarter runner-up.

Special mention must be made of the Committee and others by whose hard labour the surroundings of the pool were made fit for the great occasion.

The prizes were presented by Mrs. W. R. Birks prior to the dance in the evening.

Results:—

THE "FULTON CHALLENGE" CUP.

(For Inter-Year Competition.)

	100 Yards.	50 Yards.	100 Yds. Breas	Low Dive.	400 Yards.	Relay Race.	Total.
Third Year ..	1	—	8	—	—	1	10
Second Year ..	3	1	—	1	8	3	16
First Year ..	5	8	1	8	1	5	28

Champion Year, First Year.

CHAMPIONSHIP EVENTS.

	100 Yards.	50 Yards.	100 Yds. Breast	Low Dive.	400 Yards.	Total.
L. McCarter	1	1	5	—	—	7
R. V. Dunn	3	3	—	—	—	6
D. N. Milner	—	—	—	—	5	5
D. J. Goodes	5	5	1	5	—	16

Championship won by D. J. Goodes.

- 50 Yards B. Division.—Gilbert, 1; Arnold, 2; John, 3.
- 100 Yards Breaststroke Championship.—McCarter, 1; Bell, 2; Goodes, 3.
- Obstacle Race.—Pollitt, 1; Gilbert 2.
- 50 Yards Third Year Championship.—McCarter, 1; Kilgour, 2; Beckwith, 3.
- 50 Yards Second Year Championship.—Dunn, 1; Eardley, W., 2; Pollitt, 3.
- High Dive.—Goodes, 1; Pownall, 2; Bell, 3.
- 50 Yards Breaststroke Handicap.—Arnold, 1; Bell, 2; Eardley, W., 3.
- Low Dive, B Division.—Angove, 1; Gunson, 2; Noonan, 3.
- 100 Yards Championship.—Goodes, 1; Dunn, 2; McCarter, 3.
- Novelty Event.—Richards, 1; Angove, 2; Day, 3.
- 50 Yards First-Year Championship.—Goodes, 1; Gilbert, 2; Arnold, 3.
- Low Dive, A Division.—Gilbert, 1; Goodes, 2; Pownall, 3.
- 50 Yards Open Championship.—Gilbert, 1; Goodes, 2; Dunn, 3.
- 400 Yards Open Championship.—Milner, 1; Pownall, 2; Nicholl, 3.
- Inter-Year Relay Race.—First Year, 1; Second Year, 2; Third Year, 3.

It was decided earlier in the year to pump out the pool and clean it out. The pumping was completed in the second session, but wet weather delayed the scooping, but we hope to have the pool full very soon, so that training may start for this year's sports.

* * * * *

TENNIS NOTES.

The tournaments for the season 1931-32—the event of the year where Tennis is concerned—were cancelled. Although they were begun, all handicaps given, and the question of how to play the competitors overcome, the students felt the

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strain of heavy harvest work, and were not in favour of the tournaments for that season.

The teams for that season, comprising six players, were selected from the following:—Packer, Kelly, Dunn, Hubble, Booth, Feuerherdt, Torr, and Beckwith.

At the beginning of the season a meeting was held, and all interested in Tennis were invited to attend for the purpose of electing Secretary Captain, and Vice-Captain.

Torr elected Secretary, also Delegate to the Sports' Union. Packer elected Captain, Kelly elected Vice-Captain; both unopposed.

The Selection Committee were the Secretary, Captain, and Vice-Captain, as in past seasons.

A series of matches was arranged by the Secretary with some of the Gawler Teams. We were unable to secure any wins against St. George's, but were more evenly matched with our other opponents.

Season 1932-33:—

Mr. Bennett has been appointed Manager, and under his control we trust the Tennis will make great progress in the future.

Tennis as a sport, this season, has brightened considerably, as a few of the so-called "Dark Horses" among the new boys have been found.

We appreciate the services of Mr. C. Hogben, who captained the Todd Street Tennis Team last year, and was successful on many occasions in defeating our boys. We wish him luck when playing against his former team, and hope that old age will not affect his play.

A very early start has been made on the lawns, and it was soon found out that there were many players interested in Tennis, but not quite good enough to render their services in the A Grade Team. Consequently a B Grade was formed.

Early in the season a meeting was held for the purpose of electing Secretary, Captain, and Vice Captain for the A Grade.

Those elected were:—Haydon (Secretary), Packer (Captain), Kelly Vice-Captain). B Grade:—Captain, Gunson; Vice-Captain, Beckwith.

Two delegates were invited from the College Team to the official opening of the St. George's Tennis Courts for the coming season on September 24th, 1932. Kelly and Packer were appointed Delegates and attended.

Three matches have been played this season, resulting in two losses and one win, although one of the losses was very evenly contested.

Results of matches are:—

October 29th.—Freely v. College, at R.A.C.—Freeling, 9 sets, 85 games; R.A.C., 4 sets, 58 games.

November 12th.—St. George's v. College, at St. George's—St. George's, 11 sets, 87 games; R.A.C., 1 set, 33 games.

November 19th.—Todd Street v. College, at R.A.C.—R.A.C., 3 rubbers, 10 sets, 90 games; Todd Street, 0 rubbers, 5 sets, 76 games.

Selection Committee again consisted of Captain, Vice-Captain, and Secretary.

The "A" Grade, although not finalized, consists of the following:—Packer (Captain), Kelly (Vice-Captain), Coleman, Hogben, Jones, M. W., McFarlane.

* * * *

RIFLE NOTES.

Although the number of students actively interested in the Rifle Club has fallen away this year, the total number of efficient members was quite satisfactory, and for all our matches we have been able to present a full team. One or two First-year students are making good progress under our several coaches, and are very keen. It has been quite a disappointment for many of us that we have not been able to attend every match arranged with other clubs, but owing to lack of student labour for the week-ends, it has been necessary at rush periods to postpone several matches.

Several alterations have been effected in the range. The telephone line posts have been eaten away by white ants, and it will be necessary to replace them with galvanized piping, which ought to prove more permanent. A target shelter has been constructed capable of holding eight targets, and is a great boon, as during the mouse plague the targets suffered greatly. With the coming of the new Mark VII ammunition the danger zone behind the stop butt will have to be extended, and will probably take in Flett's A and B, and possibly Flett's C.

The Intercollegiate Rifle Match was again held on local ranges. We had quite fair conditions at Wasleys Range, but only succeeded in obtaining third place. We congratulate E. G. Marriott on his record score of 102, and also Dookie College on their easy win.

The following was the order of the teams:—Dookie, 562 points; Gatton, 508 points; Roseworthy, 505 points; Hawkesbury, 475 points.

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QUELLTALER WINES



These high-grade Wines are offered for the 1932 Xmas Festivities.

Sauternes

Quelltaler Hock

Quelltaler Sparkling Hock

Quelltaler "Mooya" Sherry

Our individual scores were:—Pownall, R. A., 94; Gunson, A. W., 88; Angove, P. C., 86; Newland, J. H., 86; Gee, B. R., 79; Sutherland, L. R., 72.

We wish to thank all staff members for their services as range officers, and also for the interest they have shown in coaching student members of the team.

A. W. G.

* * * *

CRICKET NOTES.

Last season we had two teams in the newly-formed Gawler and District Cricket Association, the A1 Team in the First Division, and the A2 in the second. Although not finishing on top, our first team made several creditable performances, but our second team did not have much success.

Mr. Williams again showed us his all-round ability, by heading the Association aggregate, thus winning the batting trophy, and for taking the most wickets in the College team.

At a recent match he was presented by Dr. Callaghan with a cap given by the Gawler and

District Cricket Association in recognition of his performance.

1932-1933 SEASON.

Owing to a shortage in students only one team could be formed, and is in the A Division of the Gawler Association. Mr. Williams was elected Captain, L. T. Sobels Vice-Captain, and these, with H. T. Ryan, comprise the selection committee. Secretary, L. T. Sobels.

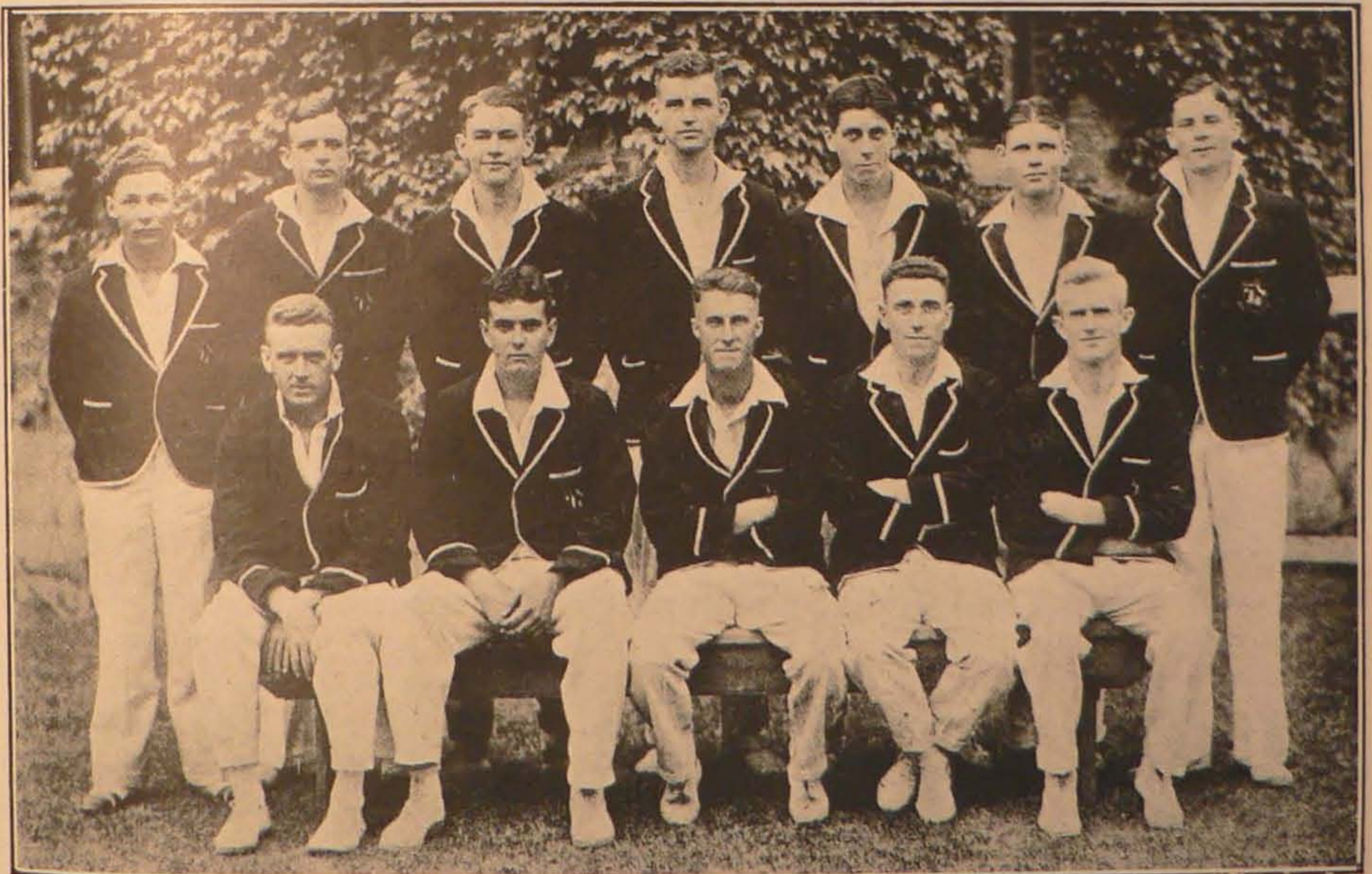
COLLEGE v. SMITHFIELD.

Played on the College Oval on October 29 and November 5. Smithfield won the toss and batted. They scored steadily, declaring at 3 for 263.

Our batsmen made a poor show, being dismissed for 100 in the first innings, and we just avoided outright defeat.

Smithfield—3 for 263 (declared). (Laffer 1 for 9, John 1 for 20, Woodroffe 1 for 18).

College—First innings, 100 (Mr. Williams 28, Dr. Callaghan 18, Woodroffe 12). Second innings, 9 for 74 (Mr. Williams 15 not out, Mr. Bennett 15). Smithfield won on first innings by 7 wickets and 163 runs.



CRICKET TEAM, 1932-1933.

Standing—John, W. C.; Ryan, H.; Woodroffe, K.; Laffer, L. H.; Emery, R. E.; Turner, R. J (scorer); Ryan, K.

Sitting—Mr. W. G. Bennett; L. T. Sobels (Vice-Capt); Mr. J. L. Williams (Capt.); Dr. A. R Callaghan; Mr. A. R. Hickinbotham.

Newbold Studs

REGISTERED.

DORSET HORN SHEEP

Champion Sheep in Every Royal Show of Australia.

Short in the leg, well fleshed, maintaining size, true to breed character, early maturing.

Stud and Flock Rams Always for Sale.

CLYDESDALE HORSES

Noted for type, size, and quality.

Colts for sale, by "Brunstane Demand" (imp.)

Also Eight top stud Mares for Sale.

LARGE WHITE YORKSHIRE PIGS

Boars and Sows, by "Norfolk Britain 1st" (imp. in utero.) for sale at cheap rates. Inspection invited.

Apply

W. J. DAWKINS

"Newbold"

GAWLER RIVER

COLLEGE v. SOUTH GAWLER.

Played on the Gawler Oval on November 12 and 19. Souths won the toss, and sent us to bat. After a solid opening our batsmen showed improved form, and we declared with 9 for 221. Souths were dismissed for 100.

South Gawler—First innings, 100 (Emery 4 for 18, H. Ryan 2 for 19, K. Ryan 1 for 2, Dr. Callaghan 1 for 7, Mr. Williams 1 for 18). Second innings, 3 for 29 (Laffer 1 for 7, Williams 1 for 7, Hickinbotham 1 for 2).

College—9 for 221 (declared) (Sobels 38, Mr. Williams 36, Woodroffe 35, K. Ryan 28, Laffer 23 not out, Mr. Bennett 21 not out).

College won on first innings by 1 wicket and 121 runs.

COLLEGE v. EUDUNDA FARMERS.

Played on the Gawler Oval on November 26 and December 3. They won the toss and sent us to the wickets, but we only managed a moderate score. We had 4 of their wickets for 32 at the end of the first day, K. Ryan taking them all for 8 runs, and they were finally dismissed for 97.

Eudunda Farmers, 97 (K. Ryan 4 for 28, Mr. Williams 3 for 15, H. Ryan 3 for 32).

College—First innings, 132 (K. Ryan 29, Mr. Hickinbotham 25, Woodroffe 19, Laffer 20, Mr. Bennett 12). Second innings, 99 (K. Ryan 30, Woodroffe 19, Dr. Callaghan 17, Mr. Hickinbotham 15).

College won on first innings by 35 runs.

AVERAGES FOR 1931-1932 SEASON.

BATTING.

Batsman	Innings	Not Out.	Highest Score.	Aggregate.	Average.
Williams	11	0	105	508	46.2
Brechin	10	1	71	278	30.9
Klose	10	2	50	161	20.1
H. Ryan	10	3	35	108	15.4
Day	9	0	58	137	15.2
McCarter	9	1	35	113	14.1
Sobels	10	0	28	101	10.1
Bell	11	0	20	104	9.5
Gilbert	9	1	18	62	7.7
Goodes	9	3	22	41	6.8
K. Ryan	4	1	9	20	6.6
Kilgour	10	1	22	46	5.1

BOWLING.

Bowler.	Overs.	Maidens	Wickets	Runs.	Average.
Day	59	9	14	163	11.6
H. Ryan	17	2	5	62	12.4
Williams	63	3	19	277	14.6
McCarter	29	3	6	98	16.3
Kilgour	70	11	10	210	21.0
K. Ryan	5	0	1	21	21.0
Goodes	55	6	10	228	22.8
Gilbert	29	1	6	155	25.8
Bell	6	0	1	27	27.0
Brechin	64	8	8	229	28.6

Roseworthy Old Collegians' Association

OBITUARY.

It is with sincere regret that we have to report the deaths of several Old Students in the past twelve months.

A. C. E. Fornachon (1927) was the victim of a fatal motor accident in Adelaide in October last, and died at the Adelaide Hospital. Mr. Fornachon, at the time of his decease, was employed by a firm in Adelaide in the capacity of a wine chemist.

A. Basedow (1889).—At the time of his death Mr. Basedow was associated with his brother in attending wine interests at Horndale Cellars and Vineyards south of Ade-

laide. Mr. Basedow, after leaving the College in 1889, did a tour of continental vineyards and wine cellars to enlarge his knowledge of these subjects. After returning to Australia he spent considerable time at Clare as manager of the Stanley Wine Company. Later he joined forces with his brother at Horndale. Horndale wines have for many years enjoyed a well-earned popularity because of their quality.

W. L. R. Donnell (1907).—At the time of his death Mr. Donnell was farming at Tammin, in Western Australia.

Hi, Diddle, Diddle
 The cow jumped over the moon . . .

That was in the Bad Old Days before Pastures
 were phosphated with

W.M.L.

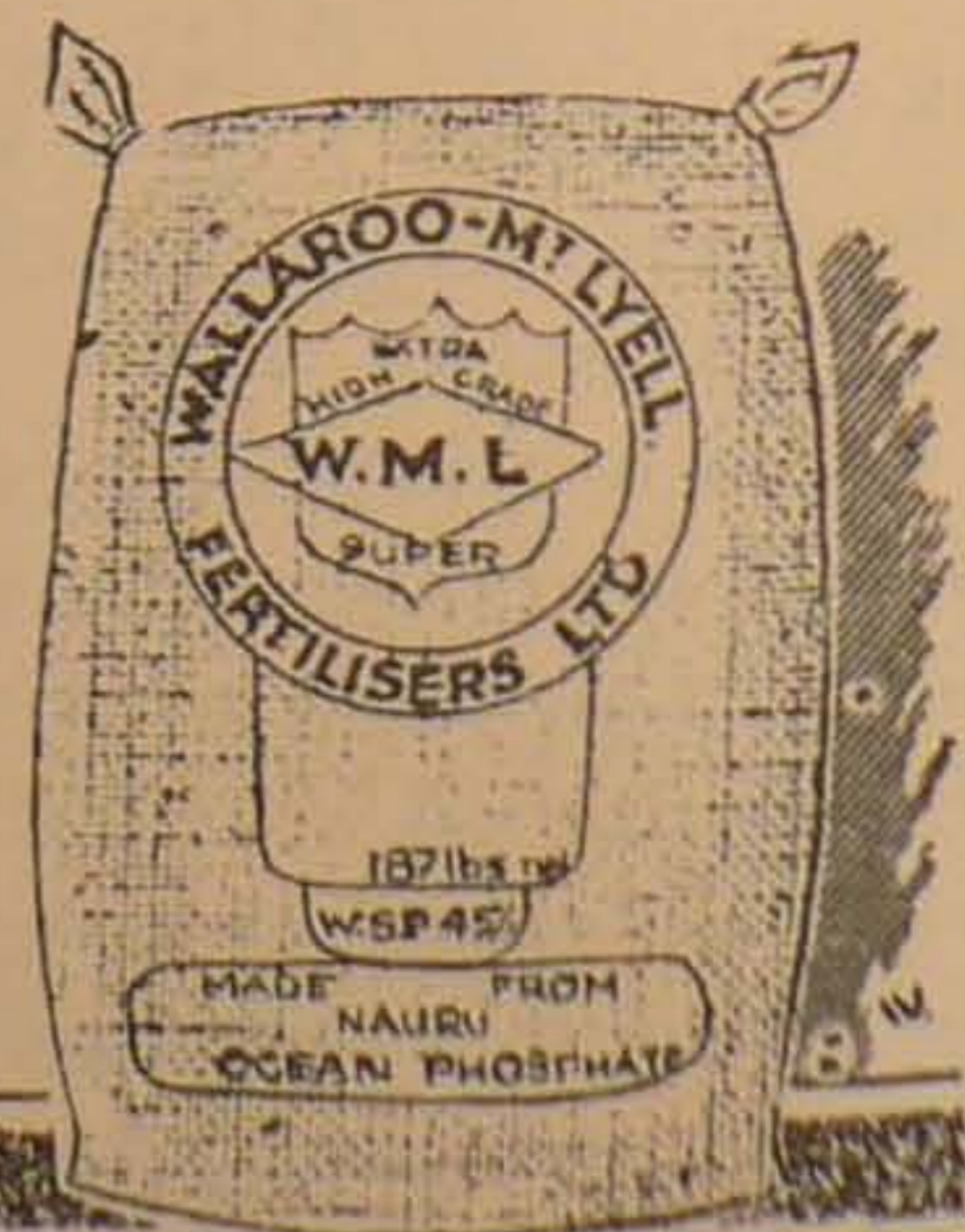
EXTRA HIGH GRADE

45% SUPER

Nowadays the aim of every well-bred Cow is a
 butterfat record, and they willingly remain quietly
 grazing the succulent feed which the liberal use of
 W. M. L. SUPER provides for them.

W.M.L. Extra High Grade
 —45 per cent. Super—
 is manufactured at Wal-
 laroo and Port Adelaide by
 Wallaroo-Mount Lyell
 Fertilisers Limited.

W.M.L.
 EXTRA HIGH GRADE
 45% Super



Mr. W. Driscoll, residing at Barmera, died early in January, 1932.

I. E. Heaver (1919).—Died recently at Mt. Gambier.

To the relatives of the above men we wish to offer our sincere sympathy.

The death of Mr. Henry E. Pearson, a former Housemaster at Roseworthy, was announced in the Advertiser 21/7/32. Since leaving Roseworthy Mr. Pearson had held the position of science master at the Perth Modern School for 22 years.

* * * * *

EVENTS.

The Annual Reunion Dinner, 1932.

The Dinner this year was held on 15th September, at the Southern Cross Hotel, Adelaide, and was well attended, about fifty Old Students being present, together with the Director of Agriculture (Professor A. J. Perkins) and the present Principal of Roseworthy (Dr. A. R. Callaghan). A most enjoyable evening was spent, and Dr. Callaghan was given a most enthusiastic reception. Dr. Callaghan, in response, mentioned the very high traditions associated with Roseworthy College, and that the work performed by the Institution was receiving world-wide recognition, in that certain prominent scientific agricultural writers were quoting figures obtained as the result of experimentation at the College, and basing their recommendations on the results of this work.

Dr. Callaghan left us with a feeling of confidence in his ability to steer the destinies of the Institution in a manner worthy of its best traditions. Old Students generally will watch with keen interest the future of the College and they express the hope that Dr. Callaghan and Mrs. Callaghan will have a lengthy, pleasant, and profitable tenure at the College.

THE BIG DANCE.

At this popular function it was noticed that Old Students were unusually well represented. The following Old Boys were present:—Bert Oldfield, A. L. Gerkin, T. V. Winnall, G. Day, Les. Orchard, R. Hill, W. Hay, G. D. Hubble, R. F. Brechin, A. C. K. Beviss, W. J. Dawkins, H. C. Hooper, J. McM. Glynn, J. Legoe, Booth, E. Dawkins, Q. F. Freebairn, T. O. Mitchell, L. McCarter.

* * * * *

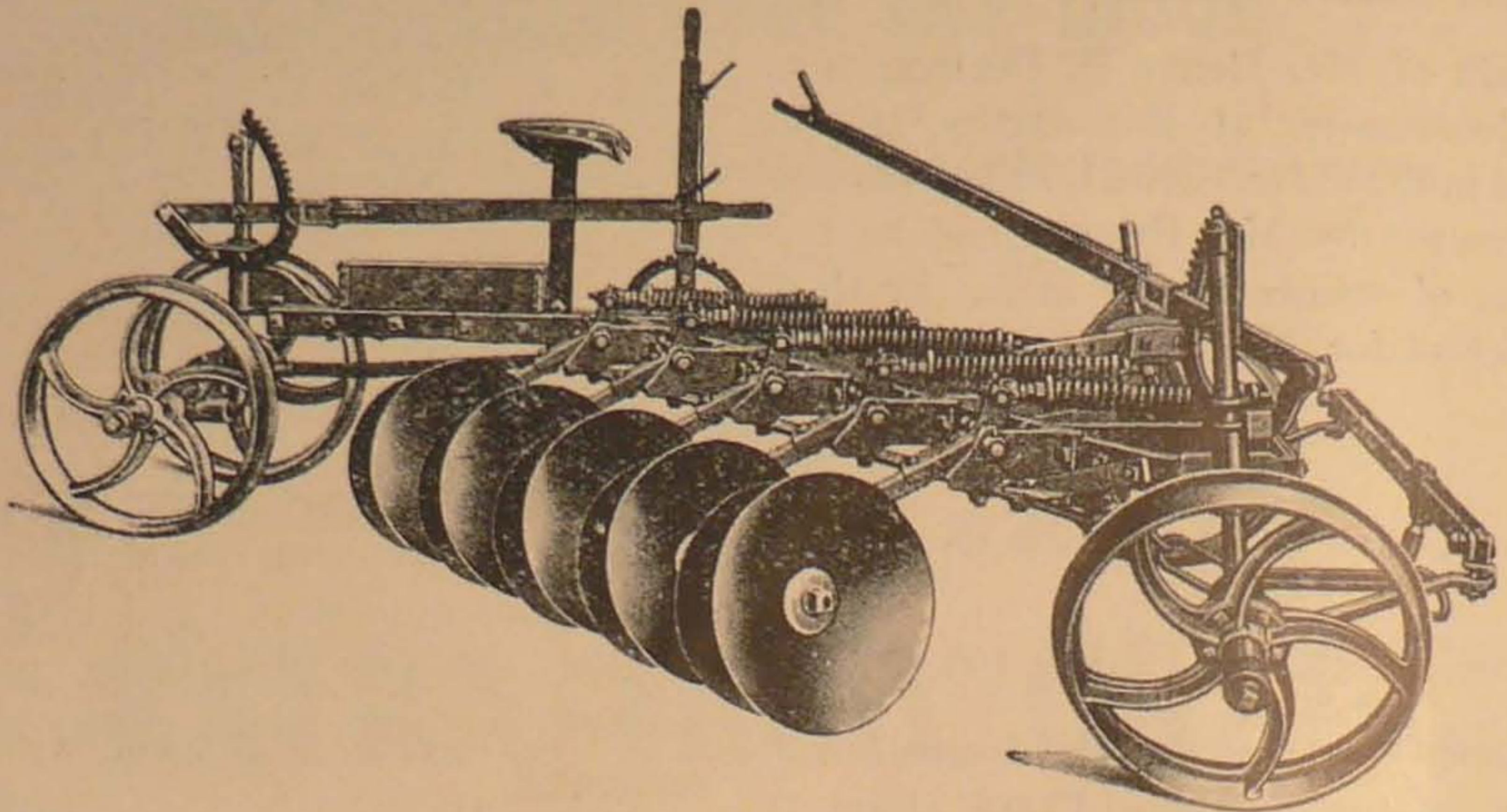
THE ADELAIDE SHOW.

The stock sections of the Adelaide Show are each year showing considerable improvement, both numerically and in the quality of the exhibits, this being particularly marked in sheep, dairy cattle, and swine sections.

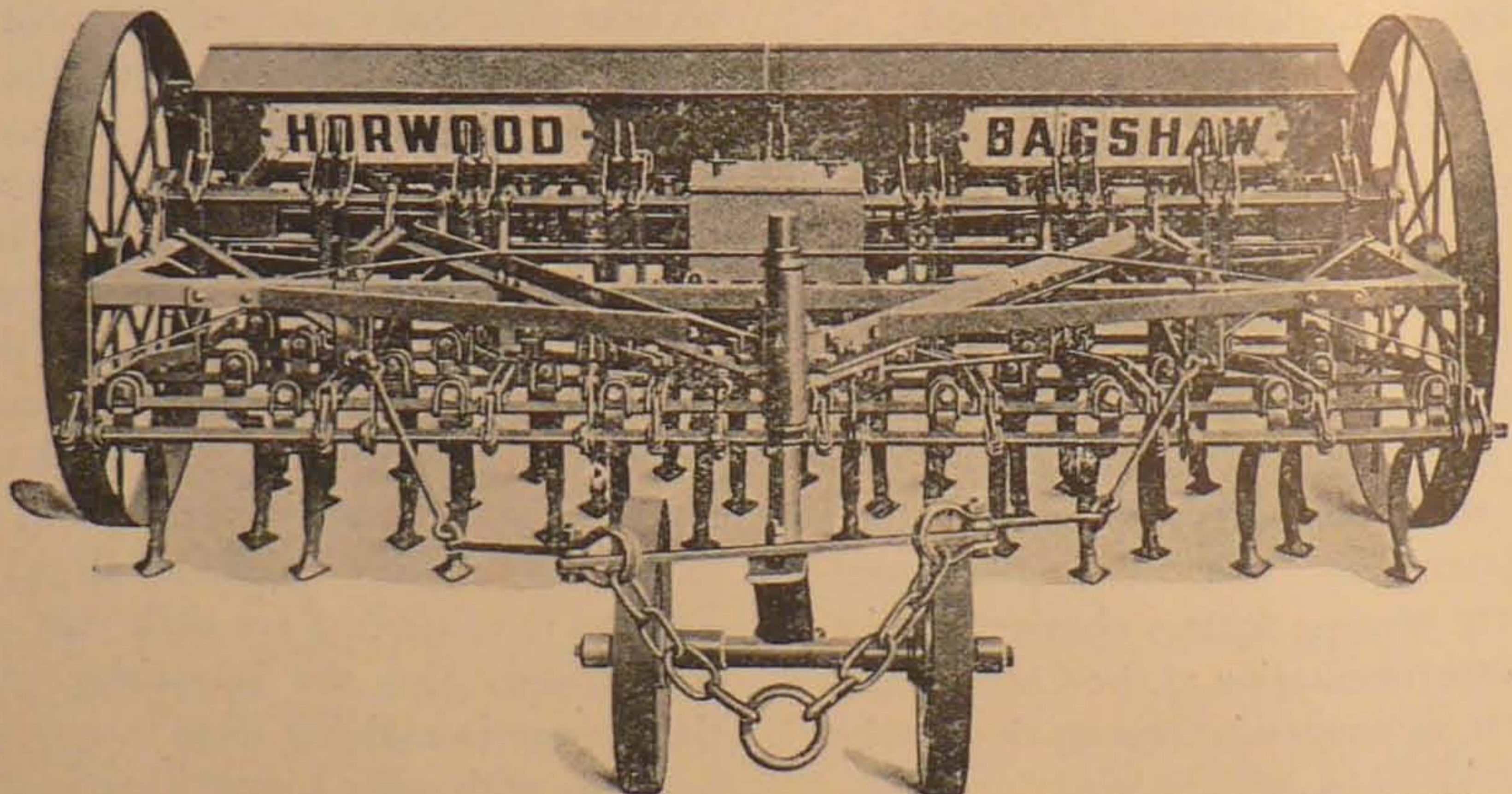
At the recent Melbourne Show South Australian stud stock breeders in the sheep section practically scooped the pool against heavy competition from all of the States. It is also recognized that the Jersey section in the Adelaide Royal is representative of the best in the Commonwealth. It is significant that Old Students are still becoming more successful each year. To the early appreciation of the finer points of an animal gained at Roseworthy can be attributed, largely, the successes gained by Old Student exhibitors at the Adelaide Royal Show. Present day students are each year showing convincingly that the knowledge gained at the College is enabling them to compete successfully with other competitors, in the stock judging competitions, recently inaugurated by the South Australian Royal Society. Not only have they practically filled all the placed positions in the above mentioned competitions in Adelaide, but one of last year's senior students competed last year in Melbourne, with outstanding success.

The Roseworthy wheat—"Ford"—won for Mr. Kain, of Yeelanna, the Denton

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the best results?



The HORWOOD BAGSHAW TWIN DISC CULTIVATING and FOLLOWING PLOW has larger Discs, All-Steel Construction, and Alemite Lubrication. Made in 3 sizes—10, 12, and 14 Discs, standard or wide tyres.



Why does so much seed fail to germinate? Our S.J. COMBINES SOW RIGHT UNDER THE SHARE, on a firm wide seed-bed, giving better germination, with good cultivation, and a perfect tilth.

Catalogues on all lines promptly posted on application to the Makers.

Horwood Bagshaw Ltd.

78 Currie Street, Adelaide.

"Direct Suppliers from Factory to Farm."

Trophy of 20 guineas for the best commercial sample of white wheat. "Ford" and "Sword" also figured prominently in other sections.

At the Melbourne Royal Show, Mr. W. J. Dawkins secured for Dorset Horns one championship, three firsts, two seconds, and two thirds, and in the Southdown section one second and four thirds.

Awards gained by Old Students at the Adelaide Royal Show, September, 1932:—

Exhibitor and Section.	Champion.	Reserve	Champions.	First.	Second.	Third.	Fourth.	Total Awards.
Kybybolite Ex. Farm (L. J. Cook)—								
Ayrshire	1	—	3	—	1	—	—	5
English Liecester ..	—	—	—	1	1	—	—	2
J. H. Dawkins—								
Jersey	—	1	4	5	1	1	—	12
Middle White	—	—	—	1	2	—	—	3
J. W. Aldridge—								
Large White	1	1	2	3	1	—	—	8
Gloucester O. Spots	1	—	1	—	—	—	—	2
J. W. Dawkins—								
Clydesdale	—	—	2	—	—	—	—	2
Dorset Horn	—	1	3	5	2	3	—	14
Southdown	—	—	1	4	2	—	—	7
Any P. Breed Sheep	—	—	1	—	1	—	—	2
J. T. Murray—								
Suffolk	—	1	1	4	1	—	—	7
Ryeland	—	—	—	1	1	—	—	2
Davidson Bros.—								
Romney Marsh	2	—	3	2	4	4	—	15
Les. Cowan—								
Romney Marsh	—	2	3	5	2	1	—	13
J. McM. Glynn—								
Berkshire	—	—	—	1	2	—	—	3
Dunn Bros.—								
Lincolns	2	2	7	7	7	—	—	25
(All prizes)								
— — — — —								
7 8 39 42 28 9 133								

THE W.A. BRANCH ANNUAL RE-UNION, SEPTEMBER 7, 1932.

This increasingly popular function was held during Perth Show Week, in conjunction with the Agricultural College's Old Boys' Union of W.A.

The attendance was eighty-five, fourteen of whom were Roseworthy Old Students. Other Colleges represented were Hawesbury, Dookie, Muresk, and Narrogin School of Agriculture.

Among those present were Mr. Wm. Patrick, jun. (R.A.C.), M.L.A.; Mr. H. Presse (Hawesbury), M.L.C.; Mr. Hughes (Principal of Muresk), Mr. P. D. Ferguson (Minister of Agriculture), Mr. G. L. Sutton (Director of Agriculture), Professor Patterson, and Mr. Hampshire. A most enjoyable evening was spent, with the usual speeches, etc.

Following the dinner the usual business meeting of the W.A. Branch of the R.O.C. Association was held, when it was decided, among other things, to again donate a silver medal to Muresk College, to be awarded for the highest results in Agriculture and Vet. Science.

Mr. E. W. Cotton, one of the foundation students of Roseworthy, was elected President, and Mr. A. Rudduck Secretary and Treasurer.

Old Students present were Mr. Wm. Patrick, jun., S. H. Best, J. D. Hoile, M. Hunter, E. W. Cotton, A. L. Tilly, R. O. Hayward, H. J. Cole, F. B. Wood, F. S. Freebairn, E. T. Fels, R. S. Thomas, J. C. W. Rose, and S. Rudduck.

* * * * *

THE DEGREE COURSE (Bachelor of Agricultural Science).

An unusual number of Roseworthy Old Students are taking the above course at the Adelaide University at the present time.

The following students are at present studying—T. O. Mitchell, C. N. Smith, D.

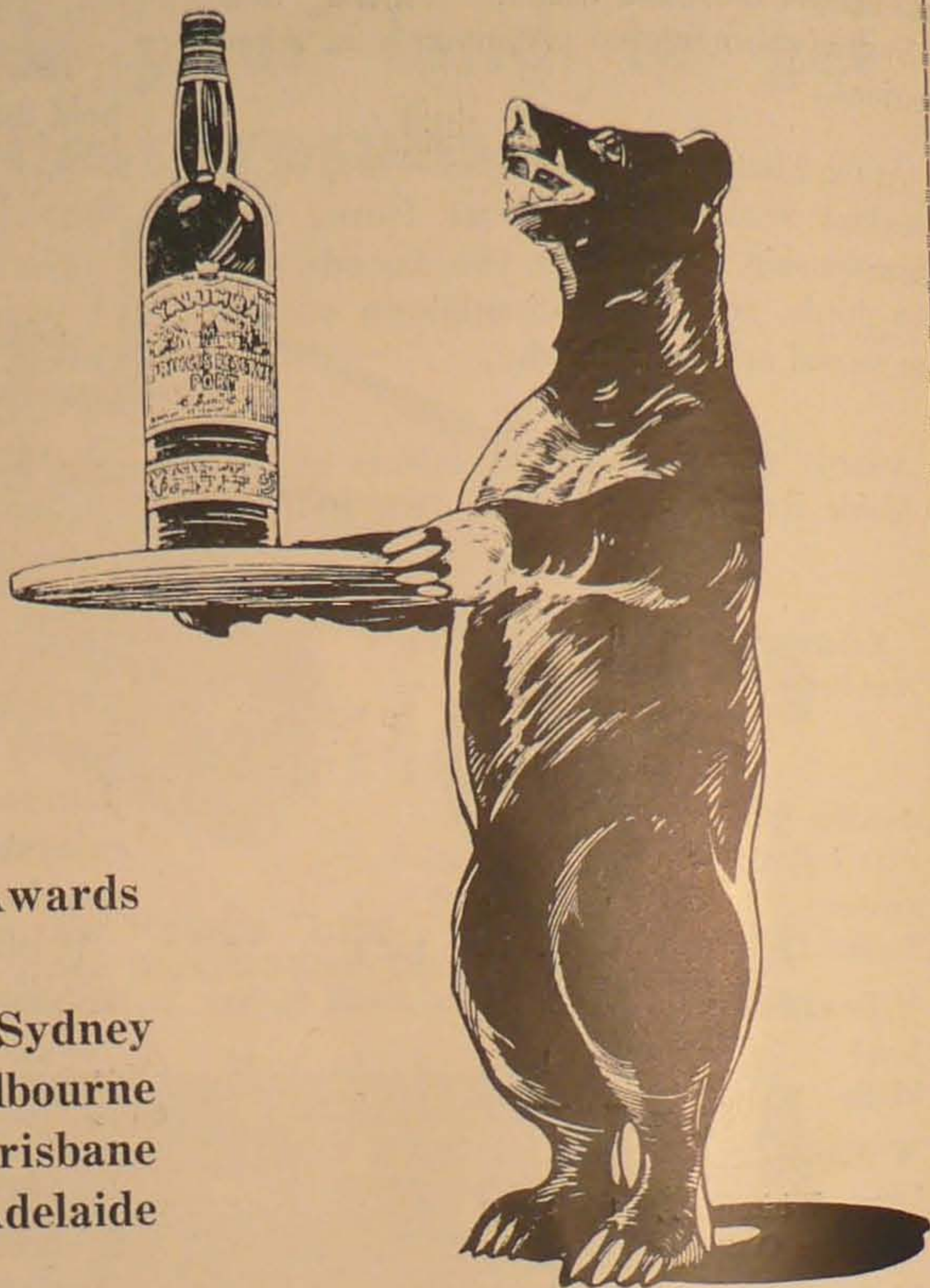
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1932 Port Wine Awards

YALUMBA

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Champion	-		Melbourne
Champion	-	-	Brisbane
Champion	-	-	Adelaide



Yalumba Ports

Now **21** Times Champion of Australia

S. SMITH & SON, LTD., Yalumba Wine Cellars, Angaston, S.A.

S. Riceman, and H. Kemp (1931); G. Day, G. Hubble, I. McCarter, J. Morphett, E. M. Hutton, N. J. McBain (1932).

Those more recently matriculated are A. B. Cashmore (at present with the C.S.I.R. stationed at the Waite Research Institute), K. Elliott, and R. I. Herriott (with the Education Department).

E. Mier is studying at one of the German Universities.

* * * * *

ASSOCIATION MEMBERSHIP.

Of late the Secretary has had several inquiries in connection with membership with the R.O.C. Association, and for the information of those desirous of becoming members the following information is intended. Any Old Student is eligible for membership, and may obtain an Old Scholar's Badge. Annual subscription is 7s. 6d., life membership, £5. Old Scholar's Badge will be supplied on application to the Hon. Secretary, together with the annual membership fee, and 2s.

* * * * *

OLD COLLEGIANS.

In this column we endeavour to mention the activities of two old students in each year since the College opened in 1883, but since fresh information is difficult to obtain, it is inevitable that certain information must be repeated in many cases in succeeding issues. I therefore desire to thank those members who have kindly supplied information both personally and by letter, and I would have them know that their efforts in this direction are greatly appreciated, and also that they are setting an example other members might well attempt to emulate.

R. J. Young (1885).—Last heard of in England.

E. Solomon (1885).—Growing rubber and copra at Loani Plantation, Papua.

W. L. Flint (1886).—Farming at Brucefield, near Kadina.

J. Marshall (1887).—A Gold Medallist—present address and occupation unknown.

E. R. Morgan (1888).—Broker, Victoria Square, Adelaide.

L. J. Murray (1889).—Grazier, Eden Valley.

A. F. Salter (1890).—Connected with W. Salter and Sons, of Angaston.

W. T. Charley (1890).—Vigneron and Orchardist at Leeton Irrigation Settlement, N.S.W.

W. D. Grigg (1891).—Farming at Koolunga.

C. H. Cotton (1892).—Present occupation unknown—last heard of as residing in Adelaide.

C. A. Nicholas (1893).—Farming at Tippara, via Paskeville.

R. S. Pounsett (1894).—Orchardist at Coonawarra.

W. H. Crooks (1894).—Has a property at Cooma, Victoria.

F. W. Formby (1895).—Present occupation and address unknown.

W. L. Graham (1895).—Until this year has retained the College Mile Record, 5 min. 1 1-5 sec. This record was broken at the last Annual Sports by K. Ryan, who covered the distance in 4.54 7-10.

H. P. Burden (1895).—Manager of Bungarra Station, Birdwood, S.A. Keeps crossbred sheep and a Large White Yorkshire stud. Still has a considerable area to clear, and is planting the land to pasture.

S. Smith (1896).—Has a farm at Hart.

F. E. Chapman (1897).—Mixed Farming at Woodside.

J. H. Dawkins (1897).—Prominent stud breeder at Gawler River.

A. Chillingworth (1898).—Associated with Morphett & Co., at Woods Point Station.

E. R. Emery (1889).—Residing in Adelaide. Has a son at Roseworthy.

E. G. Hubble (1889).—Resides in Adelaide.

R. S. Booth (1900).—Has charge of the Public School at Gulnare.

J. G. Grant (1900).—Farming at Geraldton, W.A.

F. P. Nicholas (1901).—Present occupation and address unknown.

J. Watson (1901).—Farming at Bordertown.

A. L. Campbell (1902).—In charge of the Government forest at Second Valley.

F. Cooper (1902).—Brewing at Kensington. Attends the annual reunion regularly.

Hugh Main (1902).—Minister of Agriculture, New South Wales.

N. Brookman (1903).—Is still at Meadows.

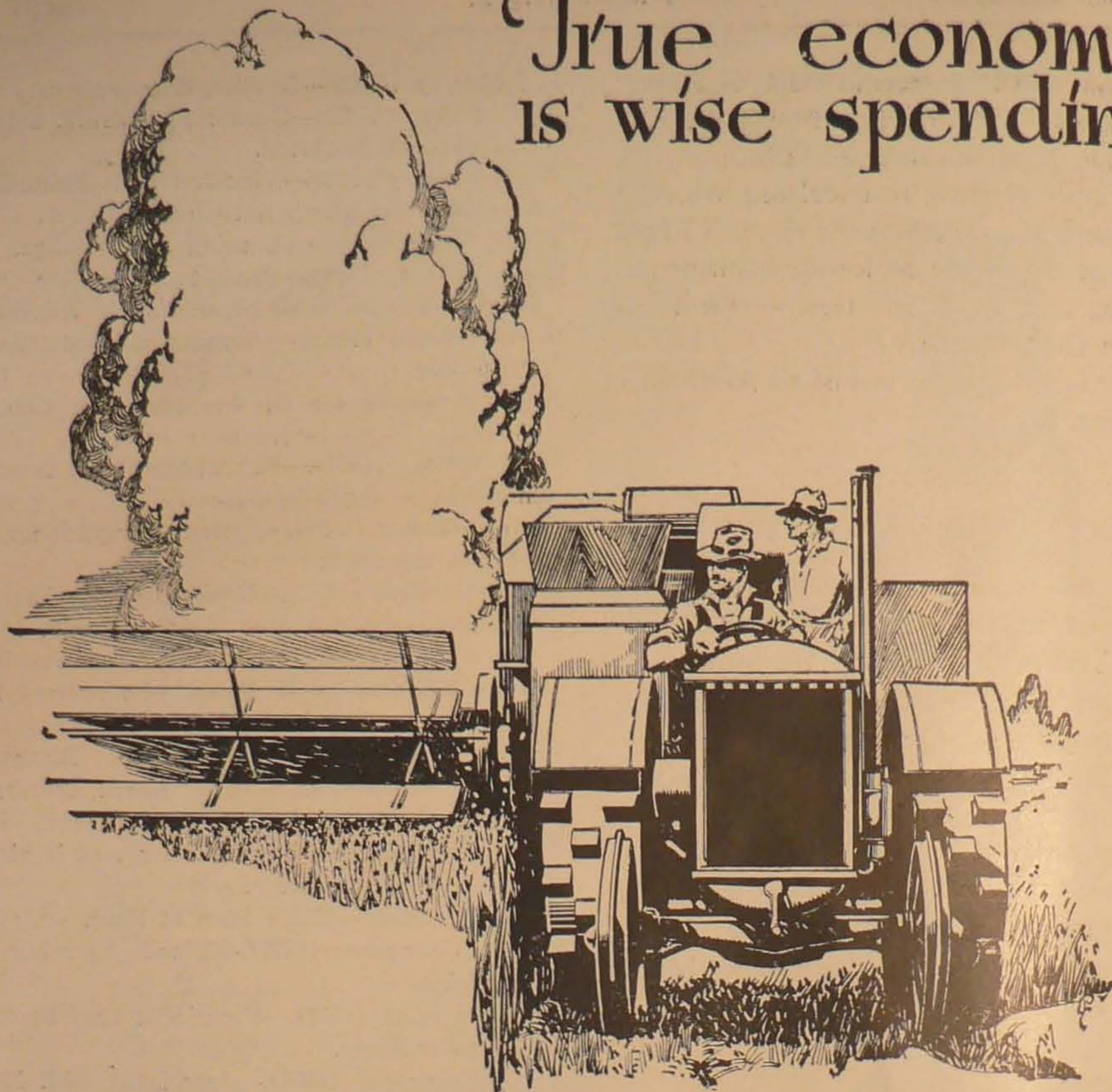
H. C. Ey (1903).—Chaff merchant, Gawler.

R. R. Honey (1904).—No recent news.

E. C. Verco (1904).—No recent news.

J. W. Crompton (1905).—Farming at Black Valley, Victor Harbour.

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1. Cross enables easy starting.
2. Every drop is a power drop.
3. Its complete vapourisation ensures maximum power with more work to the gallon.
4. Golden Shell Oil maintains an unbroken oil film on all working surfaces under the most severe conditions.
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6. Cross and Golden Shell provide a clean and uninterrupted working that will bring in the harvest on time.

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GOLDEN SHELL OIL are available
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KEROSENE

- E. M. Watson (1905).—Officer in the Department of Agriculture, N.S.W. (Horticultural Branch).
- C. W. Cooke (1906).—Vigernon, Lyndoch, S.A.
- J. F. Bagot (1906).—Has a property at Clarendon.
- F. R. Sangster (1907).—Pastoralist at Mingary, S.A.
- S. R. Welbourne (1908).—Farming at Narridy, W.A.
- G. R. James (1908).—Farming at Bagot's Well.
- G. T. Love (1909).—Wool-broker in Sydney.
- G. L. Stanley-Low (1909).—Dairy farming, Gippsland, Victoria.
- E. J. Bruen (1910).—Deputy-Director of Agriculture in Bombay, India.
- H. G. Cuming (1911).—Engaged in the woollen industry at Liverpool, N.S.W.
- R. R. Bartholomaeus (1911).—Wheat farming at Farrell's Flat.
- H. G. Mortimer (1912).—Fruitgrowing at Berri.
- Dr. W. A. Pryor (1912).—No recent information.
- R. H. Mowat (1912).—The following announcement occurred in the Stawell "News," 12/11/32: It came as a great surprise to residents of Stawell and the surrounding districts to learn that Mr. R. H. Mowat, the popular and efficient manager of B. Seppelt and Sons' Great Western Wine Cellars, had decided to sever his connection with the firm in order to join a firm in Sydney specializing in private trade. The firm intends to extend its operations to overseas countries, and Mr. Mowat will take over a directorship. His marked business ability, his genial nature and loyalty to his principals undoubtedly fit him for the important position he is about to take up. His knowledge of, and experience in, the viticultural industry, will find ample room for expression in the new firm's operations, both in Australia and overseas. Some time ago Mr. Mowat was offered the position, but hesitated to accept. After due consideration and consultation with Messrs. Seppelt and Sons, he decided that he owed a duty to himself to accept the offer, despite the fact that he was making great sacrifices and severing friendships with numerous people in the district with whom he had been actively associated for a number of years. Mr. Mowat has made a very close study of viticulture for a number of years, his association with the industry in which he has won distinction from his school days being a very intimate one. Born in 1892, he was

educated at the Prince Alfred College, Adelaide, S.A. He continued his studies at the Roseworthy Agricultural College, S.A., under Professor A. J. Perkins, formerly of Montpellier, France, and gained the diploma of R.D.A. After a course of study at Stellenbosch University, Cape Province, South Africa, under Dr. R. A. D. Perold, and the Oenological Institute at Paari, he followed war service in France with the A.I.F., had a somewhat extended experience in French champagne cellars, and on his return to Australia he was appointed by the South Australian Government inspector of wines, member of the S.A. Phylloxera Board, State viticulturist, and lecturer in oenology and viticulture at the Roseworthy College. He resigned in 1920 to accept the appointment of manager of B. Seppelt and Sons, Ltd., Great Western vineyards and champagne cellars under the personal direction of Australia's leading wine expert, Mr. Buring, of Sydney. Of engaging personality, Mr. Mowat has made hosts of friends, and as manager of the great winemaking undertaking he made a wonderful success. His departure is very much regretted by all sections, and coming at a time when his expert knowledge is most required to stabilize the industry, it is somewhat of a blow. However, it is hoped that it will be to his advantage, and that a suitable successor will be found to carry on the vast works of Messrs. Seppelt and Sons at Great Western in a capable manner. Mr. Mowat was a fine supporter of the towns of Stawell and Ararat, and bestowed his favours liberally on each. When any big function or gathering was on in either town, he extended hospitality at the wine cellars, and many times made a great success of gatherings at which large numbers of visitors had assembled. With the race and trotting clubs in both towns he entered with full energy and took his share of the official duties; with the football and cricket clubs he was also an active and liberal supporter; in the social life he was always prominent; and as a host at the cellars he was ideal. All who know him regret his impending departure, and join in wishing that his future business undertaking will be successful, and that he will be long spared to enjoy good health and prosperity.

- S. G. King (1913).—Present occupation and address unknown.
- O. S. Symon (1913).—Until just recently was managing Auldana Wine Cellars for his father
- H. R. Brock (1914).—Farming at Maggea.

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Grow vigorously,
Get ahead of weeds and pests.

AVAILABILITY OF PLANT FOOD

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Makes every acre produce a maximum.

PROPERLY FERTILIZED CROPS

Mature early,
More uniformly,
Call for best market price.

“TOP” BRAND SUPERS GIVE THE CROP WHAT IT WANTS

Obtainable from—

Bennett & Fisher, Limited,
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Dalgety & Company, Limited,
Elder, Smith & Company, Limited,
S.A. Farmers' Co-op., Union, Limited,
Goldsbrough, Mort & Company, Limited,
George Wills & Company, Limited,
Or their Country Agents.

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- F. R. Riggs (1914).—Farming at the Burra.
- S. H. Haslem (1915).—Has a grazing property at Machea, W.A.
- K. M. McLeod (1916).—No recent news.
- P. H. Scarlett (1917).—Farming at Laura.
- M. S. Bell (1917).—B. Seppelt and Sons' manager at the Dorrein Winery.
- S. Fleming (1917).—Hotel proprietor at Innamincka.
- L. C. Mattner (1918).—Accountant at Pike's Brewery, Oakbank, S.A. Also has a dairying proposition. Visited the College recently. Wishes to be remembered to contemporaries at Roseworthy.
- F. B. Wood (1918).—Farming at Northam, W.A.
- J. N. Ranford (1919).—Jack is still doing well on his farm at Boothby, West Coast.
- R. N. Quinn (1919).—An inspector in the Horticultural Department, S.A.
- W. Mudge (1920).—Farming at Streaky Bay.
- E. L. Pellew (1920).—Farming at Saddleworth.
- F. L. Howe (1921).—Farming at Gnarming, W.A.
- B. Joel (1921).—Orcharding, potatoes, etc., Bunbury, W.A.
- M. O. Bensted (1922).—Manager of Caldwell's, Ltd., Sydney.
- A. F. Mair (1922).—Grazing property in N.S.W.
- R. L. Panse (1923).—On a station at Cockburn.
- R. S. Thomas (1923).—Has a grazing property at Williams, W.A.
- F. Money (1924).—Farming at Kojan, W.A.
- R. Castine (1924).—Farm manager at Point Pearce Mission.
- J. C. M. Fornachon (1925).—Is managing a station at Moora, W.A.
- R. C. Stott (1926).—Has a grazing property at Alice Springs.
- L. G. Harrison (1927).—Working with Major Laurie near Kybybolite, in the South-East. Share farming. Mentions that many people in the South-East are turning their attention to dairying.
- R. F. Gurr, K. D. Harris (1927).—Sheep farming at Coonawarra, and from all accounts are having a tough time.
- L. T. McKay (1928).—Is playing "A" Grade cricket this season, with considerable success as a fast bowler.
- L. V. Spencer (1928).—From all accounts has recently joined the Air Force.
- C. O. Geddes (1929).—Has a property of 1,900 acres at "Pomona," Melrose in a 22-inch rainfall district. About 300 acres are arable. Sheep on sub-clover.

Don Couche (1929).—Writes as follows:—Everything has gone splendidly with me during the two years that I have been on the Continent. Have been in France eighteen months, after spending a most interesting six months with a leading wine firm in London. Since I have been here in Montpellier I have done the year's course at the Agricultural College, besides which I have been extremely lucky to have been able to work with Professor Ventre, who is now recognized as the leading wine expert "In monde," in his laboratory during the last six months, and I can assure you it has been a wonderful experience. On top of all this, I am taking a course at the University here for the "Diplome L'econome et de Legislation Viticole," the exams for which take place in a few weeks, and at present I am "up to my eyes" in economic and legislation. A diploma in our language is all very well, but when it comes to answering a string of questions from nine Professors during three days, in a foreign language, that's altogether another matter. After the exams here I shall be leaving for Beaune, in the Burgundy District, to do a short course at the oenological station there, after which I will be returning to Montpellier for a few days, and then leaving for Algeria, where everything has been fixed up for me to do the vintage there. At the completion of the Algerian vintage towards the beginning of September, I hope to be visiting Spain and Portugal for the vintages.

Don is at present at Jeray, in Spain, for the Sherry vintage, and will proceed from there to Portugal for the Port vintage. He wishes to be remembered to all Old Students whom he knows, and sends his regards.

The above sentiments are reciprocated, and we wish Don a successful future.

J. S. Sampson (1930).—Is at present working at Balgandra Station, near Albury, in N.S.W.

W. W. Ellis (1930).—Is working with Mr. S. Shepherd, in the South-East.

O. S. Steele (1930).—Is working with the Emu Wine Co.

Ron. Dunn (1931).—Is on his father's property in Gippsland, Victoria.

W. B. Hay (1931).—Is studying for the Church of England Ministry.

R. F. Brechin (1932).—Farming at Port Clinton, Y.P. At the time of writing was busy seeding, wheat and barley being the main crops. Plays football with and is captain of the Price Football Club, in the Yorke Peninsula Association.

At the
1932
EMPIRE
WINE EXHIBITION
LONDON

PENFOLDS

gained

22 Gold Medal Awards

Leaving Three for
the rest of the
EMPIRE.

A. C. K. Bevis (1931).—Is teaching at Strathalbyn, S.A.

W. Bell (1932).—Is working with Mr. Bristow on the old Booborowie Exp. Farm.

J. Kilgour (1932).—Is engaged in wine work at H. M. Martin & Sons' Stonyfell Vineyard and Winery at Burnside. Was an interested party at the recent official tasting at the Adelaide Wine Show.

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UNIVERSITY EXAMINATIONS.

In the recent annual examinations of the University, Old Students of the College were successful, as follows:—

Chemistry I.—Passed with credit: Riceman, D. S. (2nd); Hubble, G. D. (7th). Passed: Fornachon, J. C. M.

Elementary Physical Chemistry.—Passed with credit: Mitchell, T. O. (1st); Kemp, H. K. (2nd). Passed: Hutton, E. M.; McBain, N. J.; Smith, C. A. N.

Geology I.—Passed with credit: Kemp, H. K. (5th); Hutton, E. M. (7th); Mitchell, T. O. (8th). Passed: McBain, N. J.; Smith, C. A. N.

Botany I.—Passed with credit: Hubble, G. D. (2nd, proxime accessit). Passed: Day, G. P.; Fornachon, J. C. M.; Riceman, D. S.

Botany II.—Passed with credit: Hutton, E. M.; and Kemp, H. K. (1st); Smith, C. A. N. (3rd). Passed: Mitchell, T. O.

Plant Physiology.—Passed with credit: Herriot, R. I. (1st). Passed: Elliott, K. A.

Zoology I.—Passed with credit: Hubble, G. D. (1st); Fornachon, J. C. M. (5th). Passed: Day, G. P.; Riceman, D. S.

Biochemistry.—Passed with credit: Kemp, H. K. (1st); Smith, C. A. N. (2nd). Passed: Hutton, E. M.; Mitchell, T. O.

Agriculture II.—Passed with credit: Mitchell, T. O. (1st). Passed: Day, G. P.; Hutton, E. M.; Kemp, H. K.; McBain, N. J.; Smith, C. N.

The Pass Lists are published in alphabetical order.

EXCHANGES.

We acknowledge with thanks the receipt of copies of the following magazines:—"Prince Alfred College Chronicle," "Gatton College Magazine," "Adelaide High School Magazine," "The Longerenong Collegian," "The Hawkesbury Agricultural College Journal," "The Muresk College Magazine," "The Dookie Collegian," "S.A. Teachers' College Magazine," "St. Peter's College Magazine," "The Sheaf," "Narrogin School of Agriculture," "The Scotch College Magazine."

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