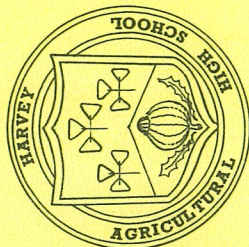


**HARVEY AGRICULTURAL
HIGH SCHOOL**



**AGRICULTURAL
WING ANNUAL
FIELD DAY**



**FRIDAY,
NOVEMBER 9th, 1973**

Programme

HARVEY AGRICULTURAL
HIGH SCHOOL
LIBRARY

RESIDENTIAL SECTION

10.30 a.m. Residential Wing and Classroom open for inspection.
Exhibits in the Manual Arts Section.

11.30 a.m. OFFICIAL OPENING

12.00 noon LUNCH

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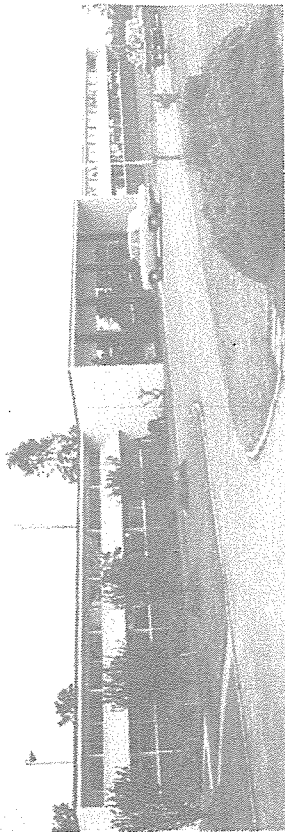
FARM SECTION

1.15 p.m. Farm Tour.

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RESIDENTIAL SECTION

3.00 p.m. Afternoon Tea.



HIGH SCHOOL WING



FARM SECTION

HARVEY AGRICULTURAL HIGH SCHOOL AGRICULTURAL WING

PRINCIPAL

R. J. Lawson, B.A., M.A.C.E.

ADVISORY COUNCIL

J. Blackburn J. M. Lowe
S. G. Byrd I. W. Manning, M.L.A.
W. J. Crews D. W. Partridge
L. G. Knight T. Pavy

SENIOR MASTERS

A. D. N. Adams, A.A.P., B.Ed.,
Agricultural Wing
G. F. Mardon, Dip., E., Eng.

FARM SUPERVISOR

J. Godfrey

TEACHING STAFF

R. Bickers, M.D.A. - Agricultural Science
K. Hindmarsh - Metalwork
D. Morgan - Woodwork
R. Hallam - Sportsmaster
L. Patroni - Demonstrator
L. Craigie - Demonstrator
J. Martin - Demonstrator
S. Palmer - Demonstrator

HOUSEMASTERS

R. Hallam J. Martin
R. Heptinstall J. Morley
A. Hew, B.A. A. Sharp, B.Sc., B.Ed.

SECRETARY

Mrs. L. Fryer

AGRICULTURAL WING STUDENTS - 1973

CAPTAIN

Robert GIBBINGS

PREFECTS

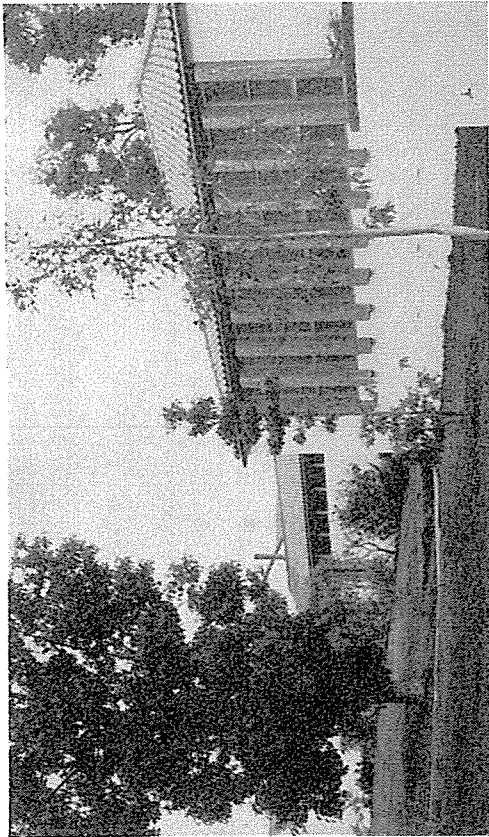
Ian CLAPP Peter STACEY
Mark HODGSON Brett STUART

SECOND YEAR STUDENTS

Timothy BIRMINGHAM John SCOLARI
Donald CLARKE Bruce SLAYTER
Bruce MUIR Peter TAYLOR
Bruce NAIRN Alexander WRIGHT
Leigh WRIGHT

FIRST YEAR STUDENTS

Willem BALJEU Paul KAU
Stephen BENTLEY Wayne LIGHTBODY
David BLUNSON Adrian MARSHALL
Trevor BRANDY Alfred MEWETT
Stephen CAMPBELL George PALMER
Wayne COCKING Collyn PETERS
Peter COOKE Ross PRATER
James DORRELL Laurence ROBERTS
Stephen FAWCETT Frederick ROSE
Malcolm HAYES Trevor SCOTT
John HITCHCOCK Brett SIM
Peter HITCHCOCK David SUTHERLAND
John HUTTON Graeme SUTTON
Ian JAMES John WILLIAMS



RESIDENTIAL ORGANISATION

The School is a boarding institution, and great importance is attached to the organisation of residential life. It is felt that a high standard and tone throughout the School stems from good discipline in the dormitories.

The students lead an active life and one which involves a rigorous routine. Sport plays an important part in their activities and, under the direction of the Sportsmaster and Housemasters, students participate in all major sports. Apart from organised sport periods, each afternoon after school, teams participate in outside associations in the following sports: basketball, hockey, football and tennis.

Another important aspect of residential organisation is the Student Driving Scheme. Mr. D. Price, local G.M.H. dealer, is to be thanked for providing a Torana car for this purpose, and Mr. R. Briggs for his time given as instructor for the scheme.

PREP: All students have "prep" from 7 p.m. to 8.30 p.m. each night from Monday to Friday.

OTHER ACTIVITIES: Include visits to Saturday night pictures in Harvey, High School dances, games nights, film sessions and barbecues. "Leisure" time can be spent in the recreation room, gymnasium or library.

PREFECTS: Play a very important part in the life of the school. They are elected by the students and staff at the end of each year for the succeeding year. Prefects' responsibilities include assisting with the canteen, sport organisation and discipline in the dormitories.

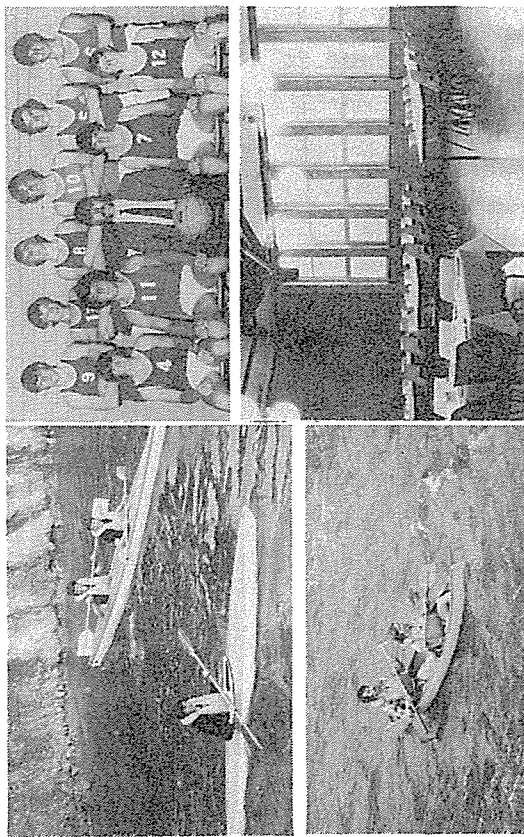
DUKE OF EDINBURGH AWARD SCHEME

This adventure Award scheme was introduced last year as a challenge to the students to spend their spare time in a profitable way following educational, sporting and hobby interests of their own choice.

Under the scheme students are required to qualify in four areas:—

Interests (Hobbies and Sports such as horse riding, fishing, badminton, Judo are followed).
Community Service.
Physical Efficiency.
Expeditions (Hiking and Canoeing).

Two students qualified for silver and two for bronze awards in 1972. It is hoped that a greater number will qualify this year.



STUDENT ENROLMENT AND TRAINING

At present there are 42 students at the School, 28 in the first year and 14 in the second. Students training is directed towards the gaining of a Certificate in Agriculture. Assessment of the students is based on the same principles as that of the Achievement Certificate. Marks are accumulated throughout the two year course from assignments, practical work and topic tests.

The training of students is divided into three main branches:—

- (1) The theory work in the classroom.
- (2) Farm practical training.
- (3) Workshops and manual arts.

THE CLASSROOM

Agricultural Subjects: Mr. R. Bickers, M.D.A.
Mr. A.D.N. Adams, A.A.P., B.Ed.

English: Mr. R. Hallam.

Students spend approximately half their time in the classroom. Most of the subjects are agricultural theory subjects such as Crop Production, Animal Husbandry, Wool Classing and Farm Economics. Time is spent on general studies in English with the emphasis being made on student's ability to communicate orally and by the written word.

Tours and excursions of educational benefit are also undertaken. The programme this year has included half-day tours.

Demonstrations on neighbouring properties.

Dairy Field Days.

Wokalup Research Station Trials.

Green's Abattoirs.

Superphosphate Works.

Brownies Cheese Factory.

Sunnywest Butter Factory.

Forest Department operations.

Egg Marketing Board Depot.

Lectures by visiting Guest Speakers:-

Machinery Company Representatives.

A.I. Operator on A.I.

Accountant on Taxation.

Agricultural Department Officers on Veterinary Topics.

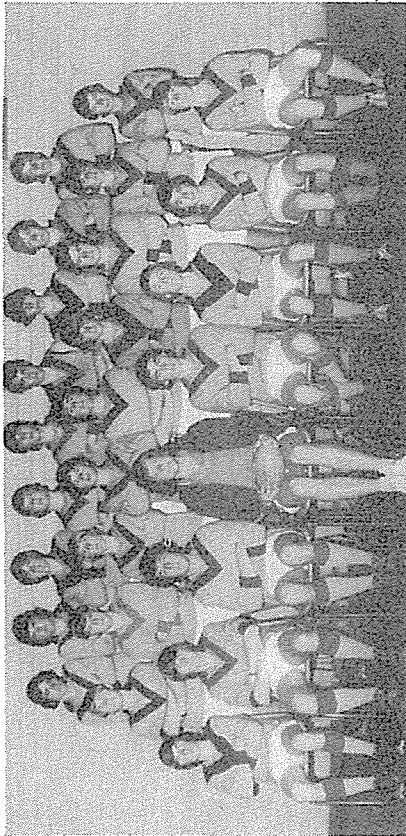
ANNUAL TOUR: The major tour this year was a three-day tour of the metropolitan area for the inspection of industries associated with agriculture. In addition a four-day exchange visit with the Cunderdin Agricultural School is planned for late third term. The purpose of the exchange is for students of both schools to visit properties and industries in an entirely different agricultural environment.

FARM WEEK: The scheme was continued whereby second year students were guests of local farmers for one week. The idea was for the students to gain first-hand experience of farm management on a commercial unit. A dinner was held at the School at the conclusion of the scheme to thank participating farmers.

STUDY GROUPS: During 1972, a scheme of student study groups was introduced with the aim of greater involvement of the boys with the thinking involved in the management of the school farm. Two periods of the classroom week are set aside for study groups in which groups of about four boys concentrate for the year on one area of interest to them. Studies have been made this year on beef cattle, dairy cattle, calf rearing, poultry, sheep and fat lambs, pasture plots, pigs, fertilizer trials and surveying of the farm. So far the groups have been mainly concerned with gathering data and organising their methods of recording the data.

FARM DEMONSTRATIONS: One half day of each classroom week is set aside for a number of demonstrations on specific practical topics. These topics (e.g. Detusking of a boar) are explained and demonstrated by the farm Supervisor or Demonstrators to the entire classroom group.

SPORTS TEAMS 1973



WORKSHOP SECTION

This section consists of Welding, Motor Mechanics, Building Construction, Woodwork and Metalwork under the control of trained instructors in each field with a senior master to co-ordinate the work of each centre.

Each centre is primarily concerned with the theoretical and practical training of trainees in good workshop practices, with each boy, in his second year, in active participation through a project of his own choice in both Woodwork and Metalwork.

METALWORK AND WELDING (Instructor, Mr. K. Hindmarsh)

This section instructs students in basic metalwork and welding theory and procedures including sheet metalwork, arc and oxy welding, and machine operation. Students construct articles for farm use such as trailers, carry-alls, wheelbarrows and star-post rammers.

BUILDING CONSTRUCTION AND WOODWORK

(Instructor, Mr. D. Morgan)

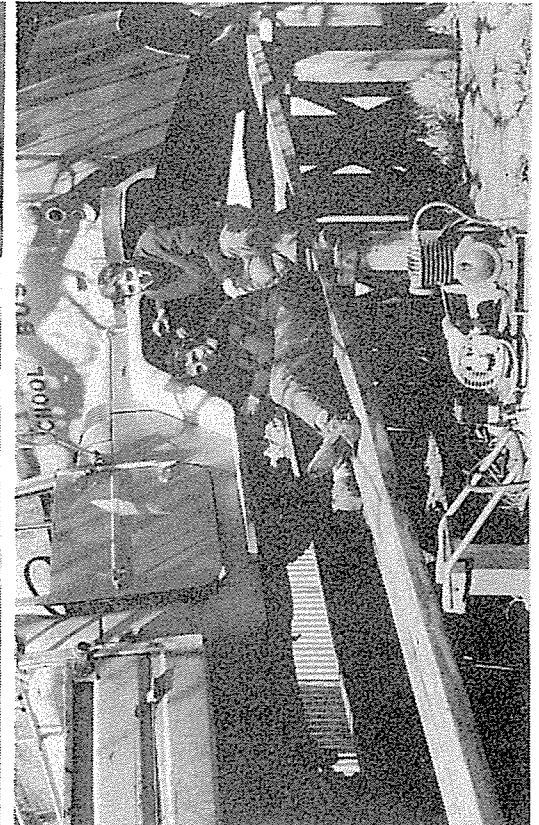
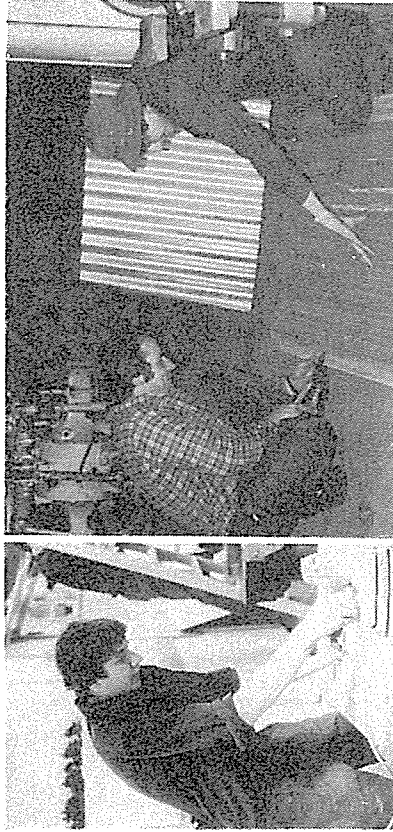
The students undertake a course in building theory which includes such topics as selection of site, planning foundations, roof types, truss construction. The theory is carried into practice by the erection of farm and project buildings. The woodwork course incorporates compulsory theory and models in the first year and a model of the students' own choice in the second.

MOTOR MECHANICS (Instructor, Mr. K. Hindmarsh)

The work in this section is aimed at giving students a thorough grounding in the theory and practical principles of automotive work. By a planned programme each student participates in the daily maintenance of the school vehicles.



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THE FARM

Supervisor: Mr. J. Godfrey.
Farm Demonstrators: Mr. L. Patroni, Mr. L. Craigie, Mr. J. Martin, Mr. S. Palmer.

General farm policy as recommended by the Principal and Advisory Council is implemented by the Farm Supervisor. He is assisted by the Assistant Farm Supervisor and Demonstrators and these staff members are directly responsible for the practical training of students. The students are rostered on stock and general farm duties for periods of two and a half days. A greater measure of responsibility is required from those on stock duties over week-ends.

FARM IMPROVEMENTS: Ten acres of irrigation pastures is in the process of being relayed. When completed, this area will be serviced with a low head irrigation system. The total area being watered per medium of "low-head" will then be 20 acres.

Currently a survey is being undertaken to ascertain further tree clearing and soil conservation work that requires to be carried out in the "hills" country.

Under cover hay feeding facilities for the dairy herd are being extended at the hay shed with tomb stone type feeders being employed.

Two poultry deep litter pens have been demolished and cages to house 190 birds have been installed.

"Cappo" type concentrate feeders have been installed in the dairy.

A 60' x 30' 3 stand shearing shed has been ordered and will be constructed on a site West of the cattleyards.

DAIRY: Herringbone type. The dairy herd has been increased to 26 cows and 31 head of following stock are kept for selecting replacement dairy cows. The school has discarded the A.I.S. stud and is changing the herd to grade Friesians.

BEEF: Modern cattleyards have been planned, constructed and put into use by the Farm and Study Groups to handle approximately 50 head.

A firm policy has been instituted for this section and is currently being pursued. To carry out this policy, all available Friesian type cows have been inseminated with Charolais semen to gain breeders possessing hybrid vigour which will then be mated to a second beef breed. Eight Friesian heifers have been purchased to speed up this programme.

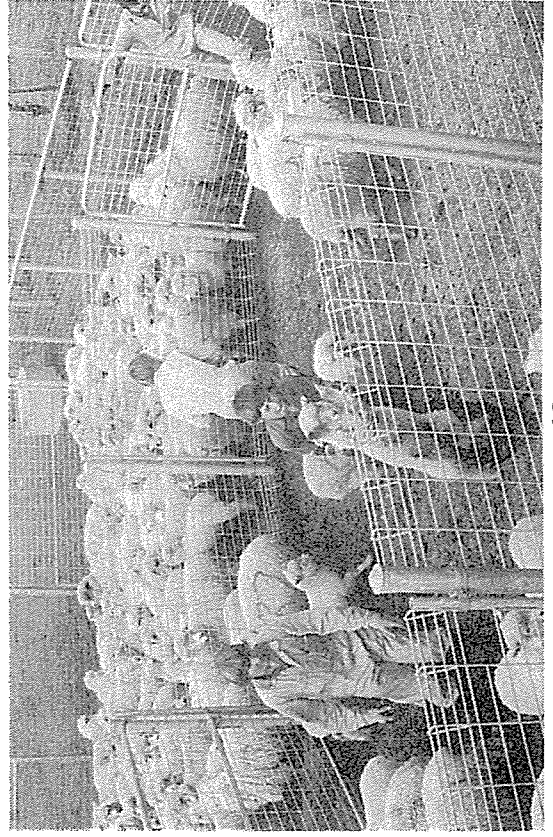
SHEEP: The ewes are drafted into two flocks for mating. Flock (a) consists of Romney Marsh ewes which are mated to Romney rams. Flock (b), being ewes out of large frame Merinos by Romney, Marsh sires, is then divided into two sub groups. These groups are then separately joined with two different breeds of Short Wool British Breed rams to produce top quality export type fat lambs. Currently, South Down and Ryeland sires are being used in this pursuit.

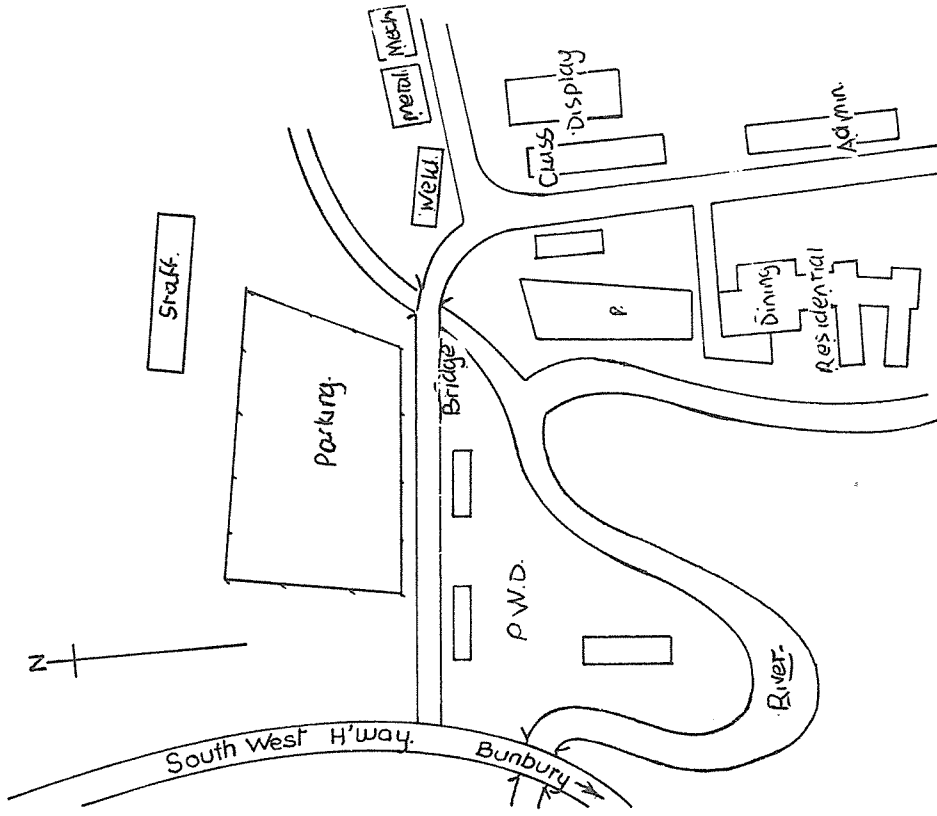
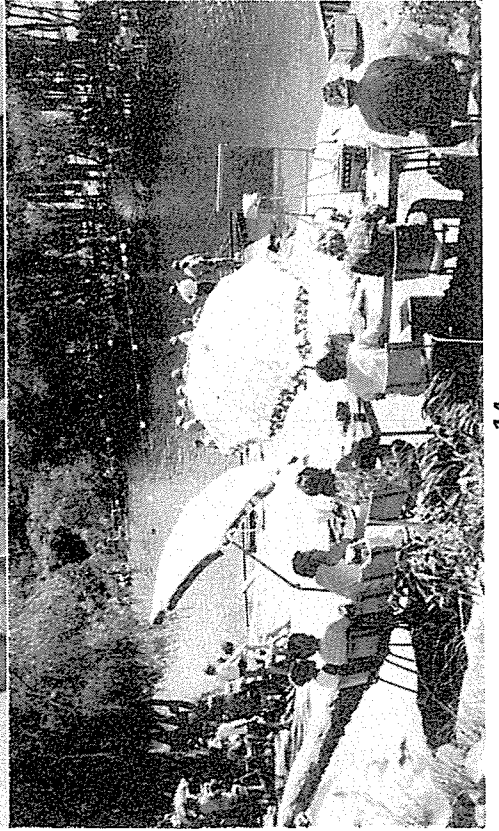
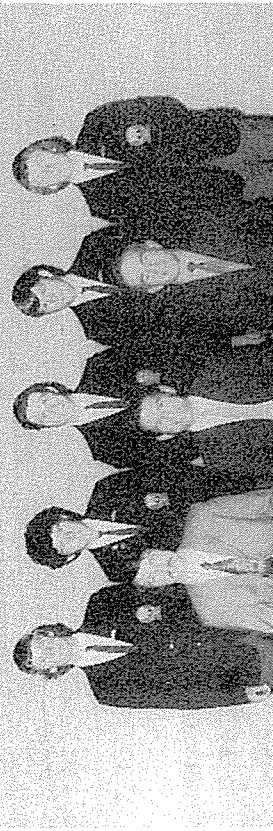
PIGGERY: A Large White boar is mated with three breeding sows - Large White cross. Regular weighings are carried out and the progeny are utilized to supply pork requirements for the School's kitchen. Any pigs surplus to these needs are carried through to bacon weights and sold on a weight and grade basis.

POULTRY: The poultry unit contains about 400 Australorp-White Leghorn cross birds and egg production is maintained at 60 to 65 per cent, throughout the year. The birds are generally kept for one year and day-old chicks are purchased and reared as replacements. A comparison of deep-litter housing and cage units is being used in the laying shed. As from this coming season, one deep litter pen only will be in operation with the majority of birds being housed in cages of different types.

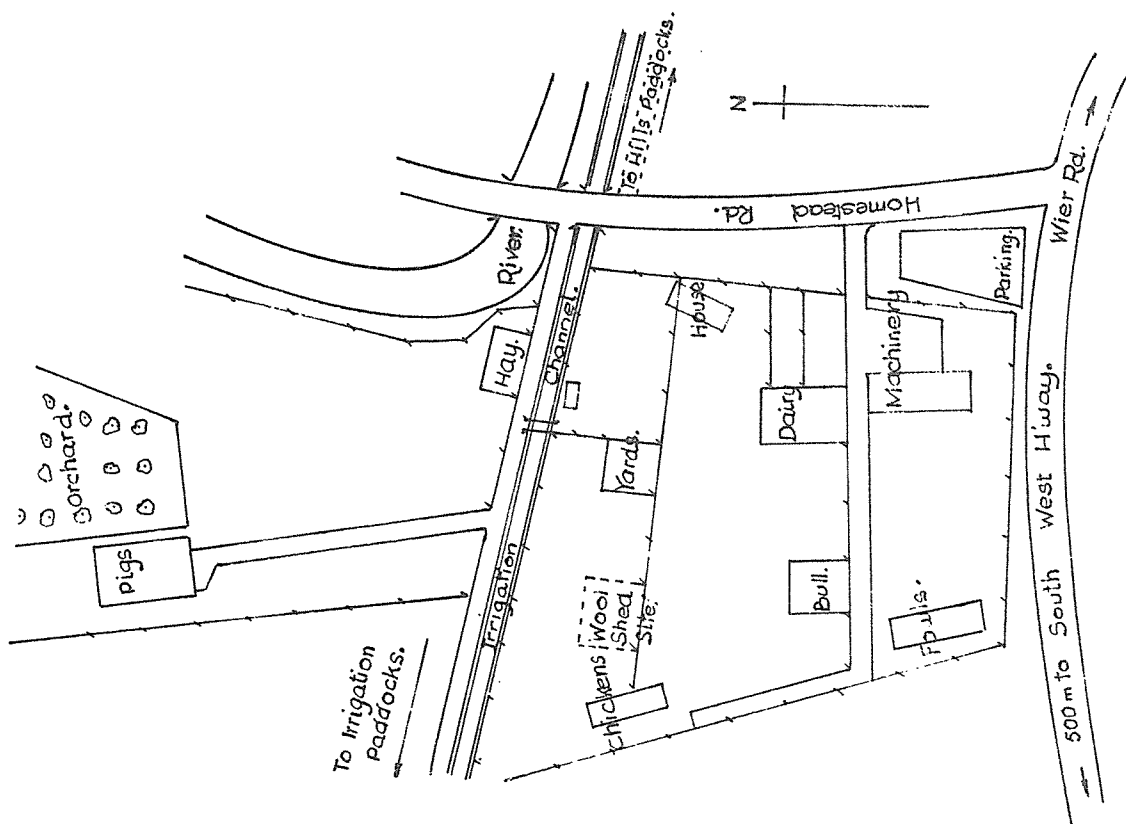
ORCHARD: Consists of citrus, stone and pome fruits. The sod culture principle is favoured and a drag-hose system of irrigation has been installed.

FARM WORKSHOP: An extensive workshop has been constructed to cater for a variety of farm equipment and the storing of consumable items. Machinery installed since three-phase S.E.C. current was connected has enabled the farm section to maintain farm machinery and vehicles, construct farm gates, mobile hay feeders, trusses and working aids and modify machines and equipment.





RESIDENTIAL SECTION



FARM SECTION