

AWM4
Australian Imperial Force unit war diaries,
1914-18 War

Supplies & Transport

Item number: 25/16/27

Title: 3rd Australian Divisional Train

January 1919



AWM4-25/16/27

160

18,000-12/1 -8723

CONFIDENTIAL.

ORIGINAL.
~~DUPLICATE.~~
~~TRIPLICATE.~~

Australian Imperial Force.

WAR DIARY

OF

3rd Aust: Divisional Train.

FOR

JANUARY 1919

Signature of Officer compiling

*L. Harrison Capt.
Adj. 3rd Divisional Train, A.I.F.*

Signature of Officer Commanding

*Schwyn Maj. Lt.-Col.
O.C. 3rd Divisional Train, A.I.F.*

WAR DIARY

Army Form C. 2118.

Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II. and the Staff Manual respectively. Title pages will be prepared in manuscript.

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Place	Date	Hour	Summary of Events and Information					Remarks and references to Appendices
<p><u>During January the undermentioned units were supplied</u></p> <p><u>by 3rd Aust: Divisional Train.</u></p> <p>22nd Coy, A.A.S.C. (No. 1 Coy, 3rd Aust: Div: Train)</p>								
Units.	Map Reference of Q.M. Stores.	Average strength.				No. of vehicles.	Distance Covered.	Remarks.
		Men.	M.D.	L.D.	Mules.			
22nd Coy, A.A.S.C.	-	164	95	25	-	2	2	
7th F.A.B. H.Qs.	-	99	-	48	-) -	-	
25th Bty.	-	171	-	148	4) 9	63	
26th Bty	-	171	-	171	-)		
27th Bty	-	172	-	149	6)		
107th Bty	-	156	-	164	-)		
8th F.A.B. H.Qs.	-	60	-	29	-)		
29th Bty.	-	164	-	154	6) 9	63	
30th Bty	-	148	-	150	-)		
31st Bty	-	188	-	139	10)		
108th Bty.	-	165	-	127	7)		
H.Q., 3rd D.A.C.	-	57	2	12	26) 6	30	
No. 1 Sect: "	-	119	-	30	173)		
No. 2 Sect: "	-	133	-	142	68)		
5th T.M. Bty.	-	45	-	-	8)		own transport.
6th "	-	45	-	-	9)		
D.A.H.Q.,	-	104	2	12	6)		
D.A.H.Q., Sigs.	-	39	-	16	-) 1	5	
Corps Workshops.	-	476	-	53	-)		
Area Cmt., LOUVROIL	-	10	-	-	-)		
" MAUBERGE	-	184	4	4	-) 1	4	
K.O.Y.L.I.	-	146	-	-	-)		
French mission.	-	36	-	5	-)		
5th Engrs. F.	-	245	18	-	-)		
57th R.L.T. Coy. F.	-	80	-	-	-)		

contd.

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INTELLIGENCE SUMMARY.

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Place	Date	Hour	22nd Coy, A.A.S.C. (contd)				Summary of Events and Information			Remarks and references to Appendices
Unit.			Location of Q.M. Stores.	Average strength.				No. of vehicles.	Distance Covered. Miles.	Remarks.
				Men.	H.D.	L.D.	Mules.			
contd.										
1015th	T.M. P.		-	99	-	-	-	-	-	
230th R.A.D.	P.		-	63	-	-	-	-	-	
471st T.M.	P.		-	91	-	-	-	-	-	
161st Labor Coy.			-	372	3	1	2	-	-	
S.S.U. (American)			-	34	-	-	-	-	-	
B.L. Cable Station.			-	29	-	27	-	-	-	
H.R.T.C.A.E. (Sig: Details)			-	29	-	-	-	-	-	
275th Railway Coy.			-	115	-	-	-	-	-	
				4219	124	1606	325	28	167	

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INTELLIGENCE SUMMARY.

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(No. 2 Coy, 3rd Aust: Div: Train)

23rd Coy, A.A.S.C.

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Place	Date	Hour	Summary of Events and Information					Remarks and references to Appendices
U n i t.			Location of Q.M. Stores.	Average strength.		No. of vehicles.	Distance Covered.	R e m a r k s.
				Men.	Animals.			
38th Battalion.			Vismes au Val	581	55	-	-	
39th "			Bouillancourt	505	53	--	-	
40th "			Tours en Vimeu	623	54	-	-	
10th Bde H.Qs.			Martainville	55	21	-	-	
10th Bde Sig: Sect:			"	40	6	-	-	
10th A.L.T.M. Bty			"	11	21	-	-	
23rd Coy, A.A.S.C.			Rambures	103	55	-	-	Train Transport from Railhead to R.P.- Unit transport from R.Ps to Q.M. stores.
3rd M.V. Sect:			Huchenneville	18	29	-	-	
3rd Div: School			Rambures	55	1	-	-	
3rd A.P.M.			Grebault Mesnil	74	24	-	-	
3rd Canteen			Longuemort	16	-	-	-	
3rd M.GN. Bn.			Gamache	269	73	-	-	
9th " Coy.			"	165	52	-	-	
10th " Coy.			"	187	55	-	-	
11th " Coy.			"	203	54	-	-	
				2905	534	-	-	

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3rd Aust. Div: Train.

24th Coy, A.A.S.C.

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Place	Date	Hour	Summary of Events and Information					Remarks and references to Appendices			
			Unit.	Location of C.M. Stores.	Average Strength.				No. of Vehicles.	Average Distance.	Remarks
				Men.	H.D.	L.D.	Mules.				
33rd Battalion.			Chepy	Chepy	619	9	14	29	-	-	
34th "			Mainnay	Mainnay	580	9	15	24	-	-	
35th "			Feuquieres	Feuquieres	650	9	8	32	-	-	
9th Bde H.Qs.			Acheux	Acheux	186	-	21	10	-	-	
9th L.T.M. Bty			"	"	43	4	-	-	-	-	
24th Coy, A.A.S.C.			Villers Mareuil	Rambures	104	39	14	-	-	-	
9th Field Amb.			Valines	Valines	159	17	19	-	-	-	
9th " Engrs.			Aigneville	Aigneville	193	2	50	23	-	-	
10th " Amb.			Toeuflès	Toeuflès	163	18	20	1	-	-	
10th " Engrs.			Moyennville	Moyennville	210	-	69	2	-	-	
3rd Div: Wing.			Beinfay	Beinfay.	90	6	1	-	-	-	
3rd Div: T.H.Qs.,			Villers sur	Mareuil Rambures.	31	2	4	-	-	-	
					3028	115	237	133	-	-	

M.T. used from Railhead to R.Ps. 1st line transport from R.Ps to unit.

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25th Coy, A.A.S.C.

(Erase heading not required.)

3rd Aust. Div: Train.

Place	Date	Hour	Summary of Events and Information					Remarks and references to Appendices		
Unit.			Location of Q.M. Stores.	Average Strength				No. of vehicles.	Distance Covered. Miles	Remarks
				Men.	H.D.	L.D.	Mules.			
41st Battalion.			St Maxent	760	8	28	19	2	7	
43rd "			Ramburelles	509	9	29	15	2	5½	
44th "			Cerisy Buleaux	465	9	25	14	2	4	
11th Field Engrs.			Bernapre	190	2	51	20	1	7	
11th " Amb.			Biencourt	191	19	19	-	1	6	
11th Bde H.Qs.			Rambures	73	-	17	10	1	6	
11th " Sig: Sect:			"	58	-	7	-	1	-	
25th Coy, A.A.S.C.			Mareuil/Villeroy	126	63	18	-	1	20	
3rd Pion: Bn.			Huppy	623	11	42	38	2	15	
3rd Div: Bn.			"	17	-	-	-	1		
No. 3 Sect: D.A.C.			Senarpont	136	2	17	166	2	7	
H.Qs., 3rd Aust: Div:			Oisemont	224	8	29	1	1	1	
3rd Div: Sig: Coy			Foucaucourt	191	-	61	-	1	4	
C.R.E., 3rd Aust: Div:			Oisemont	35	-	8	-	1	1	
3rd Aust: Sant: Sect:			Foucaucourt	16	-	-	-	-	-	own transport
3rd Div: Sal: Coy.			Cannessieres	14	-	-	-	-	-	with D.A.C. wagon
D.A.D.O.S.			Oisemont	55	-	-	-	-	-	Motor Transport
3rd Div: Concert Party			"	44	-	-	-	-	-	with D.H.Q. wagon
3rd Mach: Gn: Bn.			Villeroy	266	3	62	11	2	6	
9th " Coy			Rambures	184	2	19	32	2	6	
10th " Coy			"	199	4	20	32	2	6	
11th " Coy			"	215	2	18	34	2	6	
				4591	142	1370	242	26	107½	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<u>Location of H.Qs. and Companies of 3rd Aust. Div. Train during the month of January, 1919.</u>	
			<u>Train H.Qs.,</u> - 1-26 VILLERS sur MAREUIL	
			- 26-31 RAMBURES.	
			<u>22nd Coy.</u> - 1-31 LOUVROIE/Sheet 62B.	
			<u>23rd Coy.</u> - 1-26 VILLERS sur MAREUIL	
			- 26-31 RAMBURES	
			<u>24th Coy.</u> - 1-26 VILLERS sur MAREUIL	
			- 26-31 RAMBURES	
			<u>25th Coy.</u> - 1-26 MAREUIL	
			26-31 VILLEROY	

			<u>Personnel - Accommodation -</u> Billets, Barns etc.	
			<u>General:- Casualties -</u> Nil.	
			<u>Evacuations to Hosp. etc.</u> 10 O.Rs admitted to Hosp. during month of January, suffering from Minor complaints.	
			13 O.Rs Proceeded to A.G.B.D. for return to Australia - '1915 personnel'	
			<u>Reinforcements-</u> Nil.	
			3 O.Rs Rejoined unit from Hosp.	
			4 " Transferred from Infantry Battns.	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p><u>General (contd) Salvage:-</u> During the month of January, 1919 the following was salved and returned to Base:-</p> <p><u>Tea Lead</u> - 308 lbs. <u>Cartons</u>.- 54 lbs. <u>Cardboard</u> - 606 lbs. <u>Paper</u>.- 174 lbs. <u>Dripping</u> - 70 lbs.</p> <p>-----</p> <p><u>ANIMALS.</u></p> <p><u>Horses evacuated during month of January, 1919.</u></p> <p>3 M.Ds evacuated to 3rd M.V.S. - minor complaints. 1 " " " - Classified 'D' - "</p> <p>--</p> <p><u>Horses taken on strength from Remount Depot.</u></p> <p>"Nil"</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p><u>SUPPLIES:-</u> During the month of January supplies have been drawn from OISEMONT.</p> <p>Until the 12th of the month Brigade Refilling Points were situated as follows:- 9th Bde, ACHEUX., 10th Bde, VISMES., & 11th Bde, OISEMONT.</p> <p>The latter two Brigades drawing supplies by Train wagons and the former by Motor Transport .- Owing to the bad condition of roads between TOURS and ACHEUX the 9th Bde Refilling Point was moved to TOURS, supplies commencing 13th inst. being issued from new location - no other changes occurred.-</p> <p>During the month, the pack, has been very satisfactory a full supply of requirements arriving daily and an average of 13½ ozs. of Bread and 8½ ozs of Meat besides the general scale of rations being maintained during the month.</p> <p>Coal to meet the full authorised ration to units and approved sundry requirements for Baths etc, has arrived on pack during the month, also a consignment of Fuel-wood, balance of this commodity being drawn from the A.F.D.C.O., Coy, R.E., from GUIMERVILLE to the full capacity, of available transport realising</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p><u>SUPPLIES</u> (Contd.) a daily average of 3½ lbs. <i>- per man</i></p> <p><u>Vegetables</u>:- Regular supplies of Potatoes & Onions have been received from Base and the 8 oz. issue completed by cabbages obtained from the Central Purchase Board.</p> <p><u>Forage</u>:- During the month a total of 19½ tons of Bran has been issued also 14425 Kilos of Horse Turnips as supplements.- On the 28th. 16 tons of LOCUST Beans arrived on pack Train.- The issue of this supplement has proved very satisfactory.</p> <p><u>Requisition & Purchases</u>:- Nothing of requirements being available locally, requisitioning has been nil.</p> <p style="text-align: center;">-----</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p>GENERAL (contd):- The horses were accommodated in scattered barns in the various villages occupied by the Divisional Train, the shelter thus provided being sufficiently good to compensate for the administrative difficulties attaching to the scattering of the Company animals over an area equivalent to about a mile square.</p> <p>During the month, a great deal of outside transport was done by the Train Companies, 20 G.S. wagons being frequently detailed for cartage of R.E. material, timber etc while the cartage from local forest areas of fuel wood normally arrived on "Pack" has necessitated the regular employment of from 12 to 20 G.S. wagons daily, the distances covered in all cases averaging 10 miles per team per day.</p> <p>22nd Coy, A.A.S.C. detached with Artillery in MAUBEUGE area was visited by C.O., Train during the month and conditions there were found to be very satisfactory, the personnel & animals being comfortably housed.-</p> <p>During the month the 22nd Coy, were supplying a considerable number of attached troops and a number of French civilians, the Company being attached to the 5th Aust: Div: Pack drawing by M.T. from BEAUMONT Railhead to Refilling Point at HAUTMONT.</p> <p><u>DEMOBILIZATION & REPATRIATION</u> - For the purposes of demobilization and repatriation the 22nd Coy, A.A.S.C. (& 3rd Aust: Div: Artillery) are being treated as "Corps Troops", quotas being sent direct to Base under Corps instructions in accordance with precedence rolls already approved by C.O., Train, the numbers to be so sent being wired to Train H.Qs., immediately on allotment of quota.</p> <p><u>SCHOOL OF AGRICULTURE:</u> The second Agricultural School which assembled on 8th December, 1918 at HUCHENNEVILLE was carried on during January 1919 and completed a six weeks course on 26th January, 1919 in accordance with the procedure laid down in the November & December War Diary reports and in the appendices attached hereto, the school consisting of 24 Students with 6 Instructors, Lieut. HENRICK acting as O.C., School, C.O. Train administering same. Very keen interest was shown in the work by practically all members of the School, many showing remarkable aptitude for the work in the Divisional Train Artificers Workshops.</p>	

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INTELLIGENCE SUMMARY.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices																								
			<p><u>GENERAL (CONTD) School of Agriculture:</u></p> <p>The six Instructors, specialists in the subjects shown hereunder reported close attention on the part of the Students on all occasions, the lectures in each case covering the subject by a complete series in sequence.</p> <table border="0" data-bbox="668 695 2128 937"> <tr> <td>Lieut.</td> <td>HENRICK</td> <td>- lecturing on</td> <td>- Soils & all cereals.</td> </tr> <tr> <td>Sgt.</td> <td>SKEWES</td> <td>- "</td> <td>- Fertilisers & Pig raising.</td> </tr> <tr> <td>Sgt.</td> <td>DOWDEN</td> <td>- "</td> <td>- Dairy farming.</td> </tr> <tr> <td>Sgt.</td> <td>RIDGE</td> <td>- "</td> <td>- Orchards.</td> </tr> <tr> <td>CQMS.</td> <td>TOMBS</td> <td>- "</td> <td>- Poultry Farming.</td> </tr> <tr> <td>Cpl.</td> <td>NUTTALL</td> <td>- "</td> <td>- Bee farming.</td> </tr> </table> <p>The students divided into groups of 4, did a two weeks course in each of the three Train workshops, namely Farriers, Saddlers & Wheelers, the instruction including "first aids & simple remedies" besides shoeing etc. in the Farriers Shops, judging of leather, harness and repairs in the Saddlers Shops and handling of tools, judging timbers, make of vehicles etc and general repair work in the Wheelers shops.</p> <p>Practical instruction was given in ploughing & pruning work in the orchard while veterinary lectures were given by Major Mc KENZIE, D.S.O., D.A.D.V.S. at the Mobile Veterinary Section.</p> <p><u>SCHOOL OF COOKERY:</u> During the month a School of Cookery (5 weeks course assembling on 9th January) was started for the purpose of instructing men in Army & also civilian cooking such as shearers cooks, pastry cooking to supply the needs of "small goods" shops such men stating that ability to make their own pastry would largely increase their profits on return to civil life in Australia.</p> <p>The Agricultural & Cookery Schools were administered by C.O., Divisional Train and were located & rationed together in the Divisional Train lines for the purpose of providing foodstuffs for demonstration purposes and in addition French Civilians and Officers Messes were encouraged to send along ingredients necessary for bread baking, cake & pastry making, the work being done free in order to have material to work on and so provide practical instruction</p>	Lieut.	HENRICK	- lecturing on	- Soils & all cereals.	Sgt.	SKEWES	- "	- Fertilisers & Pig raising.	Sgt.	DOWDEN	- "	- Dairy farming.	Sgt.	RIDGE	- "	- Orchards.	CQMS.	TOMBS	- "	- Poultry Farming.	Cpl.	NUTTALL	- "	- Bee farming.	
Lieut.	HENRICK	- lecturing on	- Soils & all cereals.																									
Sgt.	SKEWES	- "	- Fertilisers & Pig raising.																									
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Sgt.	RIDGE	- "	- Orchards.																									
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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
			<p><u>GENERAL (contd) School of Cookery:</u></p> <p>for the cooks. The School consisted of 20 men under the Divisional Instructor of Cookery, Sergt. WELSH E., a professional cook and formerly a driver in the Divisional Train.</p> <p style="text-align: center;">-----0-----</p>	

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WAR DIARY

OF

3rd Divisional Train

FOR

JANUARY1919**LIST OF APPENDICES.**

No.

Subject.

- (a) Syllabus of work for the following periods of the 3rd Aust. Div. Agricultural School for the civil training of members of the A.I.F. in the various branches of Agriculture, Veterinary work, horsemanship including practical instruction in handicraft likely to be useful in farm work in Australia.

Syllabus for period 2nd to 11th Jan. 1919.
 " " 13th to 18th "
 " " 20th to 25th "

- (b) Reports of the work referred to in "a" the periods being varied as under:-

Report of work for period 2nd to 11th Jan. 1919.
 " " 13th to 26th "

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3rd AUSTRALIAN DIVISIONAL AGRICULTURAL SCHOOL.

H U C H E N N E V I L L E .

Record of work for 3rd Period of Second School - 2nd/11th Jany '19.

Date.	Time.	
2-1-19	9 a.m./ 12 noon. 2 p.m./ 3 p.m.	<p>Practical work in Artificers shops. Lecture by Q.M.S. Tombs - "Poultry"</p> <p><u>FOODS AND FEEDING:-</u> <u>Quantity foods required.-</u> Wet mash, Dry mash, Grain & Grass, Bulk in ration. <u>Palateableness.-</u> <u>Cooked & Uncooked foods.-</u> <u>Digestion of food.-</u> <u>Grain and Mash formulas.-</u></p> <p>3 p.m./ 4 p.m. Lecture by Lieut. Henrick - "Shallow Tillage Implements".- Harrowing and cultivating.- <u>Harrowing objects of:-</u> (1) To further pulverise soil, (2) Establish & Maintain a soil mulch, (3) Destroy weeds. <u>Cultivating objects of:-</u> To establish & maintain soil mulch and destroy weed growth during growth of crop. <u>Harrows & Cultivators, 3 types :-</u> (1) Spiked (compacting & breaking), (2) Spring toothed (opening & breaking), (3) Disc (Cutting & burying). <u>Tillage by Compacting Implements:-</u> Rolling 3 objects of.- <u>Fallowing.-</u> Bare fallow, four objects of fallowing. <u>General principles for producing a Fallow.</u></p>
3-1-19	9 a.m./ 11 a.m. 11 / 12 noon.	<p>Practical work in Artificers shops. Lecture by Pvte. Ridge - "<u>Propagation of Fruit Trees</u>"</p> <p>1. Sexual 2. Asexual. <u>Sexual means -</u> Seeds - self fertilisation - Cross fertilisation - Artificial fertilisation. <u>Methods of Artificial fertilisation.</u> <u>Asexual means of Propagation.</u> Layering - Cuttings + Suckers - Budding-Grafting. <u>Methods of propagating different stocks.</u></p> <p>2 p.m./ 3 p.m. Lecture by L/Cpl. Nuttall - "Honey & Wax" <u>Storage of honey in combs by bees.</u> <u>Grading of Honey.</u> <u>Causes of Candying.</u> <u>Marketing of Honey.</u> <u>Secretion of wax in body of bee.</u> <u>Production of wax. Economic value of using Foundation Comb.</u></p>
	3 p.m./ 4 p.m.	<p>Lecture by Dvr. Dowden - "Dairy Hygiene" Necessity of cleanliness - Good ventilation - Milk vessels, method of cleaning. <u>Separator & room.-</u> Temperature, Pasteurisation and cooling of milk.</p>
4-1-19	9 a.m./ 12 noon. 2 p.m./ 4 p.m.	<p>Practical work in Artificers shops. <u>Pruning Demonstration -</u> by Pte. Ridge.</p>
6-1-19	9 a.m./ 12 noon. 2 p.m./ 3 p.m.	<p>Practical work in Artificers workshops. Lecture by Q.M.S. Tombs - "Poultry" <u>The Development of the egg.</u> <u>The Ovaries -</u> Their development from birth of bird. <u>Oviduct -</u> Length - Color - Function. <u>The Parts of Egg -</u> Shell and formation - Yolk - Germinal Disc - Germ cavity.</p>

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Record of work for 3rd Period of Second School - 2nd/11th Jany, '19.

Date.	Time.	
6-1-19	3 p.m./ 4 p.m.	<p>Lecture by L/Cpl. Nuttall - "Apiculture" <u>Swarming</u> - Definition of - How brought about - Season at which bees swarm - <u>After swarms</u> - Definition of - How to avoid same. <u>Breeding Colony</u>.- Qualities - Docility - Pure bred - Activity - Industrious - Pure Bred Queen. <u>Method of Artificial swarming</u>.- Points to be observed. <u>Uniting of Colonies</u> - Method.</p>
7-1-19	9 a.m./ 12 noon. 2 p.m./ 3 p.m.	<p>Practical work in Artificers shops. Lecture by Pvte. Ridge - "Fruitgrowing" <u>Choosing varieties</u>. <u>Pollinization</u>.- Methods 3.- (1) Self Fertil- ization (2) Artificial (3) By medium of Bees. <u>Planning an Orchard</u>.- Laying Out - How to plant varieties to minimise spraying and Pick- ing. <u>Care of Young Orchard</u>.- Planting - Staking - Pruning - Spraying - Disbudding - Toppping - Summer Pruning - Manuring - Mulching - Cultiv- ation. Pay Parade.</p>
8-1-19	9 a.m./ 12 noon. 2 p.m./ 4 p.m. 5-30 /6.30 p.m.	<p>Practical work in Artificers shops. Bath Parade - Huppy. Lecture by Sergt. Skewes - "Pig-raising" <u>Selection of type of Breeds</u> - Housing - Diseases <u>Description of Breeds</u> - Middle Yorkshire - Tam- worth - Berkshire - Large Black - Poland China - <u>Foods & Feeding</u>.</p>
9-1-19	9 a.m./ 12 noon. 2 p.m./ 3 p.m.	<p>Practical work in Artificers shops. Lecture by Lieut. Henrick - "Irrigation & Drain age". <u>When irrigation is necessary</u> <u>Where irrigation benefits</u> The necessity of knowing when to apply water.- The results of using too much and too little water.- Cultivation and Drainage essential. <u>Drainage</u>:- When necessary & why - <u>Types 2</u>.- 1. Under 2. Surface.</p>
	3 p.m./ 4 p.m.	<p>Lecture by Dvr. Dowden - "Dairying" <u>Herd Improvement</u> - necessity for <u>Comparisons between Australian and European</u> <u>countries in milk</u>. <u>Production</u> <u>Ways of increasing Production</u>:- (2) 1. Proper <u>Feeding and Management</u>.- 2. Improvement in sel- ection and Breeding. <u>Variation</u> - <u>Selection of desirable Forms</u> - <u>Testing the selected individuals to prove their</u> <u>power of reproducing</u>. - Desired Characteristics - Proving individual capacity -The necessity of weighing product to prove; and record keeping. <u>Feeding to suit the need of each particular</u> <u>animal</u>. <u>What records prove</u>:- Ill health - That Dairying is a business - Shows which animals are suit- able for breeding purposes. <u>Selection of Bull</u> - Qualities of a good sire - The importance from production point of view of Sire.</p>

Record of work for 3rd Period of Second School - 2nd/11th Jany, '19.

Date.	Time.	
9-1-19	5-30/6-30 p.m.	Lecture by Q.M.S. Tombs - "Poultry" <u>Anatomy of Cockerel - The necessity of separating the sexes when young.</u> <u>Abnormal eggs and cause - Oviduct Derangements.</u>
10-1-19	9 a.m./11 a.m. 11a.m./12-15 2 p.m./ 4 p.m. 4 p.m./ 5 p.m.	Practical work in Artificers shops. Lecture by Brig-Gen. Mc Nicoll - "Repatriation & Demobilization" <u>Field afternoon - Ploughing & Horsemanagement</u> Lieut. Bugg in charge.
5-30 /6-30	4 p.m./ 5 p.m.	Lecture by L/Cpl. Nuttall - "Apiculture" Artificial Queen Rearing - Making the Queen Cell - When and how to place worker grub in Queen cell - Method of transferring young Queen into Hive - Natural method of rearing Queen-Drone rearing - Lecture by Lieut. Henrick - "Irrigation and Drainage " <u>Methods adopted by Farmer in conserving ^{"Run-off"} moisture</u> <u>By dams, 3 types:- 1. Hilltop, 2. Hillside, 3. Gully</u> <u>Methods of Irrigation:- 3.- 1. Sprinklers, 2. Furrow system, 3. Flooding or Check system.</u> <u>Channels, construction of.</u>
11-1-19	9 a.m./12 noon 9 /12 2 p.m./ 3 p.m.	Practical work in Artificers shops. Ploughing instruction to portion of School by Lt. Bugg. Lecture by Pte. Ridge - "Farm Finance" 1. The necessity of the Farmer being conversant with matters of Finance 2. Borrowing Money, 3. Rates of interest charged, 4. Disadvantages of being financed by Storekeeper, 5. Advantages of being financed by Banks, 6 Promissory Notes - Definition - Disadvantages of using - Advantages of using. 7. Insurance of crops - Dwellings - Machinery - advantages of.
		Discussion on Co-operation opened by Lieut. Col KING, D.S.O. - instancing in Australia the benefits and unqualified success of ventures. Corpl. Kennan pointed out advantages of Co-operation to Primary Producers. Pte. Costain quoted instances where co-operation had benefited him as a farmer. Lieut. Henrick stated that the Farmer individually didn't consider market values. By the co-operative system his interests would be better served, collective efforts of a number being productive of much better results than that gained by individuals acting independently in buying their and selling their produce. Q.M.S. Tombs spoke of how the Poultry industry had greatly benefited. Pte. Ridge maintained that by co-operation hard work was minimised and was the means of standardising products. Sergt. Skewes spoke of the advantages West Australia was deriving from the system in the fruit Industry.
	3 p.m/4 p.m.	Lecture by Corpl. Kennan - "Farm Accounts" - 1. Necessity of proper system of keeping Farm A/cs. 2. What is accomplished by keeping Proper A/cs. 3. Definition of Book-keeping, 4. What system to adopt and what books necessary, 5. Preparation of Balances.
	4 p.m./5-30	Lecture by C.S.M. Wilson - "Repatriation and Demobilization"

Jo. Henrick Lt.
O.C. 3rd Aust Div. Agric School.

3rd AUSTRALIAN DIVISIONAL AGRICULTURAL SCHOOL

H U C H E N N E V I L L E

Report on work for Fourth (final) period of School - Jan. 13th/26th.

Date	Time.	
13-1-19	9 a.m./12 noon.	Ploughing - Practical work in Artificers shops.
	2 p.m./ 3 p.m.	Lecture by Sergt. Skewes - "Fertilizers - Unit values" - Determining cost of fertilizers by amount of Plant Food contents.- Method.
	3 p.m./ 4 p.m.	Lecture by Lieut. Henrick - "Green Manuring" Definition - Four effects of Green Manuring, Types of Green Manures :- (Full Season (Catch Crops (Cover Crops Two classes :- (Nitrogen producers (Nitrogen consumers Best system on Green Manuring.
	5-30 / 6.30	Lecture by C.M.S. Tombs - "Poultry" - Day old chicks - Evolution of Day-old chick Industry - Egyptian Method of Artificial Incubation - Extensive hatching in Australia, Canada & America - Out-put per day - Methods of Transport - Treatment of chicks - Housing & Runs - Cockerel pens, necessity for separating sexes.
14-1-19	9 a.m./12 noon.	Practical work in Artificers shops.
	2 p.m./ 3 p.m.	Lecture by C.M.S. Tombs - "Poultry" - As hobby - As Business - Book-keeping, modern system - Egg records - Capital required - Making a start - Sale of Produce.
	3 p.m./ 4 p.m.	Lecture by Pte. Ridge - "Orcharding" Insect Pests & Fungous Diseases - Eating pests, Use Stomach Poisons - Sucking insects - Contact Sprays - Fungous Diseases - Fungicides - How to spray.
15-1-19	9 a.m./12 noon.	Practical work in Artificers shops.
	2 p.m./ 4 p.m.	Math Parade.
	5-30 /6-30	Lecture by Dvr. Dowden - "Dairying" Rearing Dairy Heifers - Necessity, cost - Difference between rearing for beef, show & milk - Paddock and Shed for calves - Rules for feeding - Care of young Calf - Dehorning; Castrating; Earmarking - Common Troubles and simple remedies - Scours; Ring worms; Lice; Blackleg; Lungworms.
16-1-19	9 a.m./12 noon.	Practical work in Artificers shops.
	2 pm. / 3 p.m.	Lecture by L/Cpl. Nuttall - "Apiculture" Giving a Swarm - Trapping the Queen - Foods & Feeding - Diseases; Prevention; Remedies - Pests; Eradication - Robber Bees - Comb Honey.
	3 p.m./ 4 p.m.	Lecture by Lieut. Henrick - "Wheat-growing" Rotation of Crops - Introduction to Wheat Growing - Rotation; Meaning & Advantages - Various Rotations in Australia - (a) Wheat Area (b) Maize & Potato Areas (c) Sugar Area. <u>Wheat Growing:-</u> Principal Wheat Producing States in Australia - Areas suitable to Wheat Production - (a) Suitable Soils (b) Suitable Climatic Conditions - Suitable Soils for - Grain; Dual purposes; Hay. Climatic Conditions for - Wheat after Wheat; Wheat in Rotation or with fallows

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Date.	Time.	
17-1-19	9 a.m./12 noon.	Ploughing - Practical work in Artificers shops.
	2 p.m./ 3 p.m.	Lecture by Pte. Ridge - "Orcharding" Care & Management of an Orchard - Implements necessary:- Ploughs; harrows; cultivators; spray pumps etc. Fruit carts; horses. Illustrated orchard in bearing. Breakwind; drainage; cultivation; road. Spraying; Picking & Packing; Marketing. Pruning; Thinning; Care of Implements; General discussion.
	3 p.m./ 4 p.m.	Lecture by Q.M.S. Tombs - "Poultry" Illustration of Automatic Feed Hopper, by means of a model made at workshops by one of the students under direction of Q.M.S. Tombs - Value of Egg - Laying Competitions - Origin of Contests - Early Egg Records & Results - Stimulus to Industry - Improved Production - Housing & Feeding) Test Results - Strain & Breed - Flock & Individual Average Records.
	5-30 /6-30	Lecture by Lieut. Henrick - "Wheat-growing" (contd). Preparation of land, where - (a) Wheat after wheat (b) Wheat after Fallow (c) Wheat after Green Crop. Selection of Seed - Graded seed not bulk - Treatment of Seed - Pickling - Every wheat grower should pickle seed; Object of Pickling - Three kinds of pickles; Making up these pickles; Three methods of using pickles; Relative merits of Formalin & Bluestone Methods.
18-1-19	9 a.m./12 noon.	Ploughing - Practical work in Artificers shops.
	2 p.m./ 3 p.m.	Practical demonstration by Pte. Ridge.- Pruning - Orcharding.
	3 p.m./ 4 p.m.	Lecture by Lieut. Henrick - "Wheatgrowing" (contd) Sowing:- Late, Medium & Early Maturing Varieties. Time and Rate of Sowing - Manuring - After treatment:- (a) Harrowing growing crop (b) Feeding off (c) Very wet districts, Rolling.
20-1-19	9 a.m./12 noon.	Practical work in Artificers shops.
	2 p.m./ 3 p.m.	Lecture by Sergt. Dowden - "Commercial Dairying & Buttermaking"- Different forms in which dairy produce is disposed of - Chief points to consider when supplying milk for (1) consumption (2) Cheese making (3) Butter making - Butter making on the farm.
	3 p.m./ 4 p.m.	Lecture by Lieut. Henrick - "Wheat & Diseases" Harvesting for (1) Hay (2) Grain with binder; Stripper; Reaper Header. Marketing; F.A.Q. system. Objections to F.A.Q. system. - Handling & Transport; Objections to present methods; Necessity for Bulk Handling. Dry farming; Diseases of wheat:- Bunt; Symptoms, Method of attack - Treatment Pickle Takeall; " " - Rotate crops Rust; " " - Use, resistant varieties. Loose Smut " " - Treatment.

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Report on work for Fourth (final) period of 3rd Aust: Div: Agric: School.

Date. Time.

20-1-19 5-30/6-30 pm. Lecture by Q.M.S. Tombs - "Poultry" Commercial Poultry Farming; Poultry appliances; Useful breeds; Improvement by selection, Cost of Feeds; Profits; Feeding & Marketing methods;

At the end of the lecture on account of a remark made by one of the class regarding breeding, showing a rather jumbled idea of Darwinism & Mendelism Lieut. Henrick devoted half an hour to explaining present day breeding, discussing Darwin's Theory, De Vries' Mutation Theory and finally Mendel's Laws, the present day method being based on Mendelism.

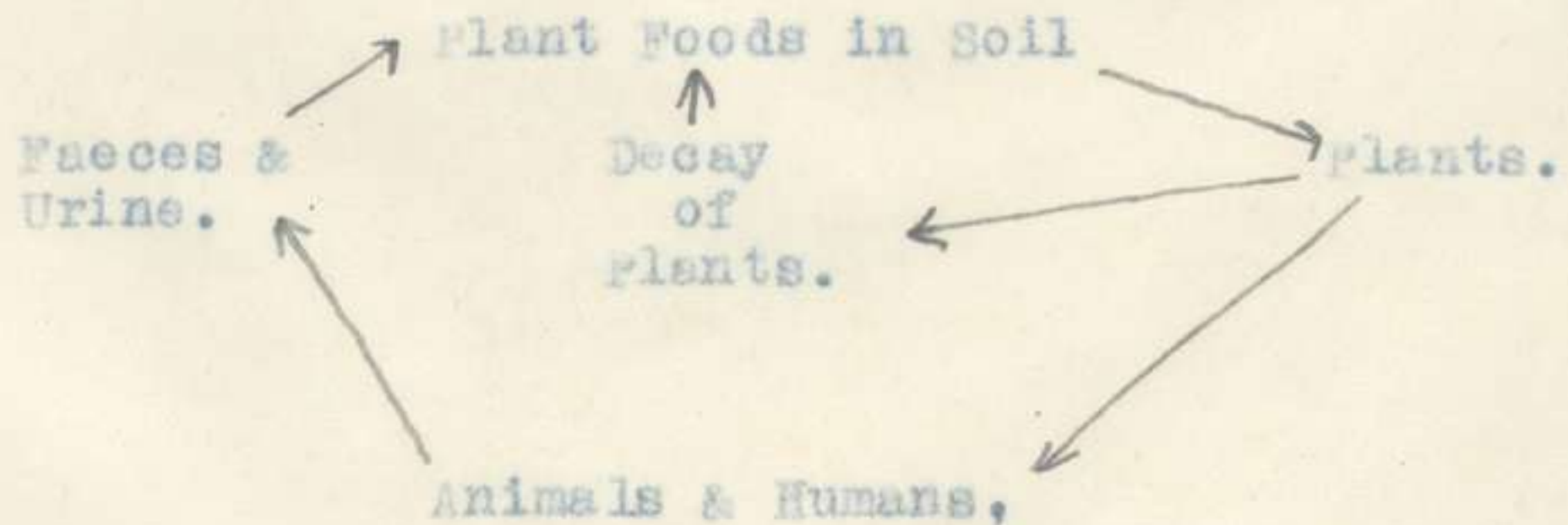
21-1-19 9 a.m./12 noon. Ploughing - Practical work in Artificers shops. 2 p.m./ 3 p.m. Lecture by Corp'l Ridge - "Vine culture" History of the Vine; Soils; Situation; planting; pruning; Diseases.

3 p.m./ 4 p.m. Lecture by Q.M.S. Tombs - "Poultry" Exhibition Poultry; Origin and value of Poultry Shows; Standard Points. Score card judging; Comparison Judging; Parts of the fowl.

22-1-19 9 a.m./12 noon. Ploughing - Practical work in Artificers shops. 2 p.m./ 3 p.m. Lecture by Lieut. Henrick - "Oats & Barley"

Oats.- Grain, hay, green feed & green manuring; Soils; climate; preparation of land. Time, rate and method of sowing; Manuring. Harvesting for Hay & Grain. Green feeding. Varieties mainly used in Australia. Barley.- Uses. Soils; climatic conditions; preparation of land; sowing; harvesting; feeding. Malting Barleys. Varieties. Points essential to Brewer.

3 p.m./4 p.m. Lecture by Sergt. Skewes - "Food cycle"



5-30/ 6 p.m. Lecture by Q.M.S. Tombs - "Water fowl & Turkeys" Ducks. Table & Eggs - Geese. Table Turkeys. Table. Table Ducks, Muscovi (in Australia) Dual purpose. Pekings, Aylesbury & Rouen. Egg production. Indian Runners. Geese, Toulouse - Turkeys, Bronzewing - Guinea fowls.

6 p.m./7 p.m. Lecture by Lieut. Henrick - "Maize" Soils; climatic conditions; Selection of seed. Seed maize. Method of sowing for Grain, forage & silage. After treatment. Harvesting for Grain, ensilage and feeding for dairy stock. Feeding off to sheep & pigs. Mixtures used with maize for Feeding off.

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Report on work for 4th (final) period of 3rd Aust. Div. Agric. School

Date	Time	
23-1-19	9 a.m./12 noon.	Ploughing - Practical work in Artificers shops.
	2 p.m./ 3 p.m.	Lecture by Corpl. Kennan - " <u>Farm Book-keeping</u> " Showing a system of keeping two books only viz:- Journal & Ledger.
	3 p.m./ 4 p.m.	Lecture by Q.M.S. Tombs - " <u>Poultry</u> " Anatomy of Powl - Eight Common Ailments - Simple remedies.
24-1-19	9 a.m./12 noon.	Practical work in Artificers shops.
	2 p.m./ 3 p.m.	Lecture by Sergt. Dowden - Silage. Advantages; Types of Silos, Silage making (ensilage). Diseases of Dairy Stock:- Moven or Tympanitis (Bloat) - Abortion & Contagious Abortion - Milk Fever - Foul foot - Symptoms, Treatment & Preventitives.
	3 p.m./ 4 p.m.	Lecture by Lieut. Henrick - " <u>potatoes</u> " Soil; Climate; Preparation of Land; Selection of Seed; Size of Seed; Sprouting & Greening; Change of Seed; Mature & Immature Seed; Time and methods of sowing; Quantity per acre; After treatment; harvesting & Marketing; Diseases:- Irish blight Wet Rot, Dry Rot, Brown Rot, Scab.
25-1-19	9 a.m./12 noon.	Practical work in Artificers shops.
	2 p.m./ 5 p.m.	Examinations:- <i>The class were put through oral examination in each branch with the undermentioned results which are considered very satisfactory</i>

Place.	Name.	Unit.	Page.
1	Pte H.H. Woodlands	39th Bn.	90.00
2a	" H.G. Strong	11th M.G. Coy	81.66
2b.	Cpl. H.C. Treeby	44th Bn.	81.66
3	L/Cpl. H.C. Robertson	33rd Bn.	81.33
4	" R. Crawford	41st Bn.	79.50
5	Sgt. F. Meadows	9th F. Amb.	79.16
6a	Pte. A.W. Devenish	44th Bn.	78.33
6b	L/Cpl. P. Long	34th Bn.	78.33
7	Pte. D.R. Milne	43rd Bn.	77.16
8	L/Cpl. Mc Fenzie	3rd M. Bn.	76.66
9	Pte. R.C. Dennis	"	76.16
10a	" C.P. Millist	38th Bn.	75.00
10b	" V.S. Wray	43rd Bn.	75.00
11a	" A.J. Taylor	33rd Bn.	70.00
12	<i>Cpl. H.C. Battlee</i>	<i>9th M.G. Coy</i>	<i>69.16</i>
13a	Spr. G.E. Hopkins	10th F. Engrs.	64.16
13b	Pte L.J. Curran	35th Bn.	64.16

The school commenced with 26 students. During the course three were 'returned to unit' being unsuitable and inattentive & three were evacuated to hospital. On examination day one man was sick & one was required at his unit, leaving 18 students for examination, the results, as shown, being very good - The two last mentioned were good men and would have passed well .-

26.1.19.

10. a.m.

With the exception of Ptes Strong & Wray all the members of the school were returned to their units.- Ptes. Wray & Strong were attached to Farriers Shop of 24th Coy, & 23rd Coy A.S.C. respectively. *for further instruction at their own request*
Staff of Agricultural School moved to RAMBURES on the 26th January, 1919.

Henrick-Lb.
OC. 3rd Div. Agric. School

HUCHENNEVILLE.

Syllabus of work for ^{period} week ending 11th. January 1919:-

Date.	Time.	Particulars.
Jan. 6th.	9-12 noon.	Workshops - (Practical Work).
	2-3 p.m.	Lecture by Q.M.S. TOMBS "Poultry"
	3-4 "	Lecture by Sgt SKEWES "Fertilizers - Unit values".
	5-30/6-30 "	Lecture by L/Cpl. NUTTALL "Agriculture".
7th.	9-12 noon.	Workshops - (Practical Work).
	2-3 p.m.	Lecture by Pte. RIDGE.
	3-4 "	Lecture by Lieut. HENRICK "Wheat Growing".
8th.	9-12 noon.	Workshops - (Practical Work).
	2-3 p.m.	Lecture by Dvr. DOWDEN - "Dairying".
	3-4 "	Lecture by Q.M.S. TOMBS "Poultry".
	5-30/6-30 "	Lecture by Sgt. SKEWES " Pig Raising".
9th.	9-12 noon	Workshops - (Practical work).
	2-3 p.m.	Lecture by Lieut. HENRICK "Wheat Growing".
	3-4 "	Lecture by L/Cpl. NUTTALL "Agriculture".
10th.	9-12 noon.	Workshops - (Practical Work).
	2-3 p.m.	Lecture by Q.M.S. TOMBS "Poultry".
	3-4 "	Discussion on Finance and Co-operation" Opened by Pte. RIDGE.
	5-30/6-30 "	Lecture by Dvr. DOWDEN "Dairying".
11th,	9-12 noon.	Workshops - (Practical Work).
	2-3 p.m.	Lecture by Segt. SKEWES "pig Raising".
	3-4 "	Lecture by Lieut. HENRICK "Oats and Barley".

- 2nd. 9-30/11-00 am. Workshops - practical work.
 11-00/12-00 noon " "
 2-00/3-00 pm. Lecture by C.Q.M.S. TOMBS - "Poultry"
 3-00/4-00 pm. Lecture by Lt. HENRICK - "Crop Rotation"
- 3rd. 9-30/11-00 am. Workshops - practical work.
 11-00/12-00 Veterinary Lecture by Major Mc KENZIE, DSO.
 2-00/3-00 pm. Lecture by Pte. RIDGE - "Orcharding"
 3-00/ 4-00 pm. Lecture by L/Cpl. NUTTALL - "Apiculture"
 5-30/ 6-30 pm. Lecture by Dvr. DOWDEN - "Dairying"
- 4th. 9-30/11-00 am. Workshops - practical work.
 11-00/12-00 noon " "
 2-00/ 3-00 pm. ("Practical Pruning" - demonstrated in a French
 3-00/ 3-00 pm. Orchard by Pte. RIDGE.

Approved
 Selwyn King, Lt.-Col.
 O.C. 3d Divisional Train. A.I.F.

1-1-19

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3rd AUSTRALIAN DIVISIONAL AGRICULTURAL SCHOOL.H. UCHENNEVILLE.Syllabus of work for 4th Period of School - 13th/18th January, '19.

<u>D a t e.</u>	<u>T i m e.</u>	
13-1-19.	9 a.m./ 12 noon. 2 p.m./ 3 p.m. 3 p.m./ 4 p.m. 5-30 /6.30	Practical work in Artificers shops & Ploughing. Lecture by Sergt. Skewes - "Fertilisers" Unit values. Lecture by Lieut. Henrick - "Wheat Growing" Lecture by Q.M.S. Tombs - "Poultry"
14-1-19.	9 a.m./ 12 noon. 2 p.m./ 3 p.m. 3 p.m./ 4 p.m.	Practical work in Artificers shops. Lecture by Q.M.S. Tombs - "Poultry" Lecture by Pte. Ridge - "Fruitgrowing"
15-1-19.	9 a.m./ 12 noon. 2 p.m./ 3 p.m. 3 p.m./ 4 p.m. 5-30 /6-30	Practical work in Artificers shops & Ploughing. Lecture by Dvr. Dowden - "Dairying" Lecture by L/Cpl. Nuttall - "Apiculture" Lecture by Sergt. Skewes - "Rotation" - Wimmera.
16-1-19.	9 a.m./ 12 noon. 2 p.m./ 3 p.m. 3 p.m./ 4 p.m.	Practical work in Artificers shops. Lecture by Lieut. Henrick - "Wheat Growing" Lecture by Sergt. Skewes - "Pig-raising"
17-1-19.	9 a.m./ 12 noon. 2 p.m./ 3 p.m. 3 p.m./ 4 p.m. 5-30 /6-30	Practical work in Artificers shops. Lecture by Pte. Ridge - "Fruitgrowing" Lecture by Q.M.S. Tombs - "Poultry" Lecture by Lieut. Henrick - "Oats & Barley"
18-1-19.	9 a.m./ 12 noon. 2 p.m./ 3 p.m. 3 p.m./ 4 p.m.	Practical work in Artificers shops. Lecture by L/Cpl. Nuttall - "Apiculture" Lecture by Dvr. Dowden - "Dairying"

Approved
Selwyn King, Lt.-Col.
O.C. 3rd Divisional Train. A.I.F.
12-1-1919

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3rd AUSTRALIAN DIVISIONAL AGRICULTURAL SCHOOL

H U C H E N R V I L L E .

Syllabus of work for period ending 25th January, 1919.

<u>D a t e .</u>	<u>T i m e .</u>	
20-1-19.	9.30am/12 noon.	Practical work in Artificers' shops and ploughing.
	2.00pm/ 3 p.m.	Lecture by Sergt. Dowden - "Commercial Dairying and Buttermaking"
	3.00pm/ 4 p.m.	Lecture by Lieut. Henrick - "Wheat - Diseases of wheat"
	5.30pm/ 7 p.m.	Lecture by Q.M.S. Tombs - "Commercial Poultry - utility methods"
21-1-19.	9.30am/12 noon.	Practical work in Artificers' shops and ploughing.
	2.00pm/ 3 p.m.	Lecture by Corpl. Ridge - "viticulture"
	3.00pm/ 4 p.m.	Lecture by Sergt. Skewes - "Food Cycle"
22-1-19.	9.30am/12 noon	Practical work in Artificers' shops and ploughing.
	2.00pm/ 3 p.m.	Lecture by Lieut. Henrick - "Oats & Barley"
	3.00pm/ 4 p.m.	Lecture by Q.M.S. Tombs - "Fancy Poultry, Show standard"
	5.30pm/ 7 p.m.	Lecture by Lieut. Henrick - "Maize & Potatoes"
23-1-19.	9.30a.m./12noon.	Practical work in Artificers' shops & ploughing .
	2.00pm/ 3 p.m.	Lecture by Corpl. Kennan - "Farm Book-keeping"
	3.00pm/ 4 p.m.	Lecture by Q.M.S. Tombs - "Poultry - Common ailments, simple remedies"
24-1-19.	9.30am/ 12 noon	Practical work in Artificers' shops and ploughing.
	2.00pm/ 3 p.m.	Lecture by Sergt. Dowden - "Silos and Silage"
	3.00pm/ 4 p.m.	Lecture by Lieut. Henrick - " Lucerne"
25-1-19.		Examination.

19.1.19.

OC. J. Henrick Lt
3rd Div. Agric School.