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[Despatch Abstract.]

Annual Report of the Supdt., Civil Veterinary Depart.

Reviewing the — for 1896-97.

BACK PAPERS.

Vol.	No.	Department.	Date.	G.O.	No.

REGISTERED PAPERS.

Vol.	No.	Department.	Date.	G.O.	No.	Department.	Date.
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1897.

Board of Revenue

(Revenue Settlement, Land Records and Agriculture),

MADRAS.

13 JUL 97
REV. DEPT.

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JULY.

Civil Veterinary Department.—Submitting to Government, Revenue Department, annual report of the Superintendent, — for 1896-97.

PROCEEDINGS OF THE BOARD OF REVENUE

(REVENUE SETTLEMENT, LAND RECORDS AND AGRICULTURE).

READ—the following letter from Veterinary Lieutenant W. B. EDWARDS, Superintendent, Civil Veterinary Department, to the Secretary to the Commissioner of Revenue Settlement, and Director of the Department of Land Records and Agriculture, dated Madras, 1st June 1897, No. 547.

I have the honour to submit herewith a report on the work done by this department during the official year 1896-97.

2. Veterinary Lieutenant A. E. Clarke was in charge until 22nd April 1897, on which date I took charge and he reverted to Military service.

A.—PONY-BREEDING.

3. There were at work at the beginning of the year ten stallions in Coimbatore district —

	HEIGHT.
1. Parfait Amour	14-0
2. Sultan	14-0
3. Agha	14-0
4. Rajah	14-1
5. Nawab	13-2
6. Abdulla	14-0
11. Parel	13-1½
16. Max	13-1½
17. Hector	13-1
18. The Baby	13-2

Of the above, No. 5 Nawab died on the 8th June 1896 of strangulated Hernia. No. 1 Parfait Amour having been found unfit for further service was sold. Thus there were eight stallions at the close of the year. Stallion No. 15 Selim from Dindigul, Madura district, and Carbon and Phoenix from Salem district have been since transferred to this district; first named for want of sufficient work and the other two being found too large for the mares of the Salem district.

Of the four jacks purchased at the close of the last year, two (Shimrole and Kachora) are stationed at Kollegal. Thus there are at present eleven stallions and two jacks in the district.

4. At Hosur, Salem district, there were three stallions at the commencement of the year, viz.—

	HEIGHT.
No. 7 Carbon	13-1½
No. 13 Sunshine	13-1
No. 14 Phoenix	13-1½

To these were added three newly-purchased stallions in December last, viz. —

	HEIGHT.
No. 19 Nile	13-2½
No. 20 Tigris	13-2¼
No. 21 Euphrates	13-2¼

Of these, Carbon and Phoenix were since transferred to Coimbatore as stated above. Two donkey stallions (Mohra and Angoor) were placed at Hosur. Thus there are at present four pony and two donkey stallions at Hosur.

5. The pony-breeding operations which were extended to Madura district only last year were suspended at the close of the year for want of sufficient work.

6. The following are the stations of pony and donkey stallions in Coimbatore and Salem districts :—

Coimbatore district		HEIGHT.	Salem district.		HEIGHT.
Erode	2. Sultan	14-0	Hosur	13. Sunshine	13-1
	18. The Baby	13-2		19. Nile	13-2¼
Dharapuram	4. Rajah	14-1		20. Tigris	13-2¼
	17. Hector	13-1		21. Euphrates	13-2¼
Kangayam	6. Abdulla	14-0			
	16. Max	13-1½			
Coimbatore	14. Phoenix	13-1½			
Kollegal	7. Carbon	13-1½			
Aravakurchi	3. Agha	14-0			
Karur	15. Selim	13-2			
Pollachi	11. Parel	13-1½			
	Donkey stallions.			*Donkey stallions.*	
Kollegal	2. Shimroli P.	12-1½	Hosur	1. Mohra P.	12-2
	3. Kachora, C.B.	12-1¾		4. Angoor C.B.	11-0⅛

7. The following statement will show the work turned out by the stallions :—

No.	Name of stallions.	Number of coverings during 1895-96.	Number of coverings during 1896-97.	Remarks.
	COIMBATORE DISTRICT.			
	Pony stallions.			
1	Parfait Amour, 14-0	36	29	Sold 23rd January 1897.
2	Sultan 14-0	28	30	
3	Agha 14-0	60	60	
4	Rajah 14-1	36	33	
5	Nawab 13-2	38	..	Died 9th June 1896.
11	Parel, 13-1½	33	54	
6	Abdulla 14-0	35	37	
16	Max 13-1½	4	22	
17	Hector 13-1	4	34	
18	The Baby 13-2	4	29	
	Donkey stallions.			
2	Shimroli P. 12-1½	..	19	Commenced work in June 1896.
3	Kachora C. B. 12-1¾	..	17	Commenced work in June 1896.
	Salem District.			
7	Carbon 13-1½	50	51	
14	Phoenix 13-1½	10	34	
13	Sunshine 13-1	12	43	
19	Nile 13-2½	..	..	Arrived from Bombay 17th Dec. 1896.
20	Tigris 13-2¼	..	..	Do.
21	Euphrates 13-2¼	..	..	Do.
	Donkey stallions.			
1	Mohra P. 12-2	..	9	Commenced work in June 1896.
4	Angoor C.B. 11-0⅛	..	19	Commenced work in June 1896.
	Madura District.			
15	Selim 13-2	8	14	

8. None of the stallions, except Agha in Aravakurchi, Coimbatore district, had its full complement of the mares, in the year under report, as well as in the previous year. In Coimbatore, Sultan covered 2 more, Rajah 3 less, Parel 21 more, and Abdulla 2 more, than in the previous year. The short work of Rajah and Max was due to their illness.

9. At Salem there is a decided increase in the number of coverings by three old stallions; but the new stallions which arrived there in January last have done no work. One of these stallions was ill at Bangalore for some time, but nothing is known as to why the other two were not given work.

10. In Dindigul, Madura district, No. 15 Selim covered only fourteen mares during the year against eight in the previous year.

11. On the whole, the number of coverings effected during the year is not satisfactory. I have no idea of the districts personally, but, I think, if the Revenue Officials take interest in the undertaking, the coverings should be more satisfactory. It is hoped that they will endeavour to make this year more successful.

12. Now, regarding the coverings of donkey stallions, it is observed that the two jacks stationed at Kollegal covered in all 36 mares, 10 of which were contributed by Mr. Holmes, on whose initiation the industry was undertaken. It is said that most of his mares are in foal. Considering the deep-rooted prejudice of the people against the service of jacks in these countries, the number of coverings is satisfactory. In the face of the interest taken by Mr. Holmes, the prejudice of the natives is likely to wear off before long and better results may be expected in the nearest future.

13. In Salem only 28 mares were covered by the two stallions, 9 by Mohra and 19 byAngoor. The short work of former was due to the fact that the animal was now and again ill. In this district, too, there appears to exist strong prejudice against the service of the animals. Every endeavour will be made by the officers of this department and the Revenue officials to overcome their prejudice by holding out hopes of rewards in the case of successful coverings. While at Tirupur, during the late pony show, I induced several owners of brood mares to get them covered by jacks, and a few were covered in my presence.

14. The following is the statement showing the results of coverings in Coimbatore district during the year 1895-96 :—

No.	Name of stallions.	Number of coverings during 1895-96.	Deduct mares.				Mares remaining.	Results known.			Percentage on results obtained during	
			Died.	Sold and untraceable.	Not reported and doubtful.	Total of columns 4, 5 and 6.		Foaled.	Aborted.	Empty.	1895-96 on columns 8 and 9.	1894-95.
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Parfait Amour	36	2	8	1	11	25	7	3	15	28	19
2	Sultan	28	1	1	18	20	8	..	..	8	..	46
3	Agha	60	2	4	..	6	54	12	4	38	22	45
4	Rajah	36	1	8	1	10	26	6	3	17	23	18
5	Nawab	38	1	11	..	12	26	9	3	14	34	42
6	Abdulla	9	..	2	..	2	7	1	..	6	14	12
9	Mistrust	16	1	3	..	4	11	3	..	8	27	13
11	Parel	33	1	14	..	15	18	2	5	11	11	21
16	Max	4	..	1	..	1	3	1	..	2	33	..
17	Hector	4	..	1	..	1	3	..	2	1	..	..
18	The Baby	4	..	..	4	4	..	..	..	..	..	..
	Total ..	267	9	53	24	86	181	41	20	120	23	30

From the above it will be observed, that out of 267 coverings by 11 stallions against 272 coverings by 7 stallions, 9 mares died, 53 sold and untraceable, 24 not reported and doubtful, in all 86, of which results are not known. Of the 181 coverings in which results are known, only 41 were successful, viz., 23 per cent. as against 30 per cent. of the last year and 27 per cent. of 1893-94, 20 aborted and 120 empty. Of the 41 foals dropped, 22 are colts and the rest fillies. Two colts are reported to have died and the rest of the foals to be in good condition. The work turned out by the stallions during the year taken as a whole is not satisfactory, except that turned out by stallion Agha both as to number of coverings and results.

15. The following is the statement showing the results of coverings in Salem district during 1895-96 :—

No.	Name of stallions.	Number of coverings during 1895-96.	Deduct mares.						Mares remaining.	Results known.			Percentage on results obtained during	
			Died.	Sold.	Whereabouts not known.	Results not reported.	In foal.	Total columns 4 to 8.		Foaled.	Aborted.	Empty.	1895-96 on columns 10 & 11	1894-95.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
6	Abdulla	26	..	4	3	..	1	8	18	..	4	14	..	12
7	Carbon	50	1	7	4	3	1	16	34	2	4	28	6	13
8	Ranger .. .	25	..	..	1	1	..	2	23	1	1	21	4	12
14	Phœnix	10	1	1	..	..	1	3	7	1	1	5	14	..
13	Sunshine	12	1	..	2	3	1	7	5	1	..	4	20	..
	Total ..	123	3	12	10	7	4	36	87	5	10	72	6	14

From the above it would appear, that out of 123 coverings by 5 stallions against 174 of the previous year by 4 stallions, 3 mares died, 12 sold, 17 not reported and doubtful, 4 in foal, leaving a balance of 87 mares of which results are known, 5 foaled against 11 of the previous year, of which 2 are colts and 3 fillies, 10 aborted and 72 empty against 11 and 58, respectively, during the previous year.

16. The following is the statement of results in Madura district during 1895-96 :—

No.	Name of stallion.	Number of coverings during 1895-96.	Deduct mares.		Mares remaining.	Results known.			Percentage on results obtained during	
			Not reported and doubtful.	Total.		Foaled.	Aborted.	Empty.	1895-96 on columns 5 & 6.	1894-95.
1	2	3	4	5	6	7	8	9	10	11
15	Selim	8	1	1	7	2	1	4	28	..

As to the results of Madura district, of the 8 coverings effected during the year, one is not reported and doubtful, leaving a balance of 7 in which results are known. Of which 2 foaled, 1 aborted and 4 empty.

The results of coverings during 1895-96, taken as a whole, are not satisfactory, and this may be probably due to the poor condition of the mares covered and subsequent neglect of the owners both as to their feeding and care. It may also, to a great measure, be due to the covering being effected out of season, which is the chief point for success and this will be impressed on the minds of the salustries and the officers in charge of the stallions. Detailed instructions as to feeding and general management of brood mares and foals, and those with foal at foot and also rearing of young stock have been issued in Tamil as well as English to the owners of ponies for guidance—*vide* Appendix No. 1.

17. *Health and condition of stallions.*—Though some were ill during the year, the majority were in good condition. The illness in some cases was due to insufficient exercise and want of proper care; detailed instructions (*vide* Appendix No. 2) have been issued to the officers in charge of stallions regarding their care and treatment.

18. The stallions were allowed rest as usual during April and May.

19. *Castration Operations.*—The establshment consisted of two salustries and two pupil salustries at Salem and one at Coimbatore as in the previous year. One hundred and seventy-one ponies were castrated at Hosúr against 134 in the previous year and this is satisfactory. In Coimbatore only 17 ponies were castrated against 98 of the previous year and these were in Coimbatore, Erode and Bhávani taluks. The short work of the salustry was due to the fact that he was on leave for three months and he was also told off to Kollegal to attend on stallion Max for some time. It is also reported by the Collector that sufficient work was not found for him owing to the paucity of pony entires in the taluks concerned. In Coimbatore there appear to be more ponies than at Hosúr sub-division, but the owners appear to be averse to castration of their animals. If Revenue officials, by virtue of influence, induce the ryots to take their animals to the taluk head-quarters, where salustry will be working, better results can be expected as in Kollegal taluk during last year and Salem this year. It is requested that instructions may be issued on this point.

20. Mr. Mannas, Deputy Superintendent, continues to be in charge of Salem, Coimbatore and Dindigul, but from the beginning of the year, he was relieved of his charge of Salem district and Kollegal taluk of the Coimbatore district, which is nearer to Salem than Coimbatore for the purpose of supervision, and Stock Inspector M. Hassen Ali Sahib was put in charge of that work in addition to his own duty of Bacteriological survey.

21. The subjoined statement will show the results of coverings checked by these officers.

Statement showing the results of coverings checked by the Deputy Superintendent, Civil Veterinary Department, during the year 1896–97.

District.	Number and name of stallion.	Actually inspected.																Information obtained.									
		Foaled.			In foal.			Empty.			Doubtful.			Aborted.			Total.	Sold.			Died.			Whereabouts not known.			Total.
		1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-87.		1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Coimbatore	No. 1. Parfait Amour	1	7	..	..	1	1	2	16	..	..	..	..	..	2	..	30	..	5	..	..	1	..	..	2	..	8
	„ 2. Sultan	5	4	..	..	1	2	1	14	..	..	..	..	..	1	..	28	1	1	..	..	1	..	..	..	..	3
	„ 3. Agha	4	9	..	..	1	3	1	28	1	..	..	..	..	1	..	48	..	9	..	..	2	..	..	1	..	12
	„ 4. Rajah	1	4	..	..	2	4	4	13	1	..	..	..	1	3	..	33	1	10	2	2	..	..	..	..	..	15
	„ 5. Nawab	..	3	..	..	..	..	..	17	..	..	..	..	..	2	..	22	..	9	..	..	1	..	..	1	..	11
	„ 6. Abdulla	1	2	..	..	..	2	5	23	..	..	..	..	..	1	..	34	3	4	..	..	1	..	1	..	..	9
	„ 9. Mistrust	..	..	..	..	1	..	1	6	..	..	..	..	..	..	..	8	..	5	..	1	1	..	1	1	..	9
	„ 11. Parel	..	2	..	..	..	3	..	12	3	..	..	..	..	3	..	23	..	2	..	..	1	..	..	4	..	7
	„ 16. Max	..	1	..	..	..	2	..	2	..	..	..	..	..	..	..	5	..	..	..	..	..	..	..	1	..	1
	„ 17. Hector	..	..	..	..	..	2	..	2	1	..	..	..	..	..	..	5	..	..	2	..	..	..	..	..	..	2
	„ 18. Baby	..	..	..	..	..	5	..	2	1	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..
	„ 2. Shimroli	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
	„ 3. Kachora	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salem	No. 7. Carbon	1	4	..	..	1	..	5	21	..	..	..	..	..	3	..	35	3	4	..	..	2	..	..	4	..	13
	„ 8. Ranger	..	..	..	..	..	..	4	16	..	..	..	..	1	2	..	23	1	2	..	1	..	..	1	..	..	5
	„ 12. No name	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1	..	1
	„ 13. Sunshine	..	..	..	..	4	5	..	4	..	..	..	..	..	..	..	13	..	..	1	..	1	..	..	3	2	7
	„ 14. Phoenix	..	..	..	..	4	1	..	6	1	..	..	..	..	..	..	12	..	..	..	..	..	..	..	..	1	1
	„ 1. Mohra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	„ 4. Angoor	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
Madura	No. 15. Selim	..	2	..	..	..	..	..	2	..	..	..	..	..	1	..	5	..	..	..	..	..	..	..	..	..	..
	Total	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	335	..	..	..	..	..	..	..	..	..	104

STATEMENT showing the results of coverings checked by Stock Inspector M. Hassen Ali Sahib, Civil Veterinary Department, during the year 1896–97.

District.	Number and name of stallion.	Actually inspected.																Information obtained.									
		Foaled.			In foal.			Empty.			Doubtful.			Aborted.			Total.	Sold.			Died.			Whereabouts not known.			Total.
		1894–95.	1895–96.	1896–97.	1894–95.	1895–96.	1896–97.	1894–95.	1895–96.	1896–97.	1894–95.	1895–96.	1896–97.	1894–95.	1895–96.	1896–97.		1894–95.	1895–96.	1896–97.	1894–95.	1895–96.	1896–97.	1894–95.	1895–96.	1896–97.	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Coimbatore	No. 6. Abdulla ..	..	..	..	..	..	..	6	7	..	..	..	..	..	1	..	14	3	1	..	..	..	..	1	..	..	5
	" 11. Parel ..	..	1	..	..	..	..	..	3	..	..	..	..	..	2	..	6	..	..	..	..	..	..	..	12	..	12
Salem ..	No. 7. Carbon ..	..	1	..	..	..	..	2	7	..	..	..	..	..	1	..	11	3	1	..	..	..	..	..	2	..	6
	" 8. Ranger ..	..	..	..	..	..	..	2	3	..	..	..	..	1	1	..	7	1	1	..	1	..	..	..	1	..	4
	" 12. No name ..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	1
	" 13. Sunshine ..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	3	..	1	1	..	1	..	..	2	2	7
	" 14. Phœnix ..	..	..	..	..	1	1	..	5	1	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	1	1
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	50	..	..	..	..	..	..	..	..	..	36

It would appear from the above statements, that the Deputy Superintendents checked in all the results of 439 coverings against 325 of the previous year, of which 335 were actually inspected and the rest from second-hand information. Stock Inspector, M. Hassen Ali Sahib, checked during the months of January, February and March 1897, the results of 86 coverings, of which 50 were actually inspected by him and 36 from second-hand information. The results reported by these officers were verified with those reported by the Collectors and found in most instances to be correct.

22. The following is the statement of charges incurred during 1896–97 on behalf of pony and mule breeding operations :—

STATEMENT of Charges incurred during 1896–97 on behalf of Pony-breeding operations.

Items.	Coimbatore.			Salem.			Madura.			At Head-quarters and undistributable.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Establishment	207	12	6	785	6	0	..			..			993	2	6
Feeding charges	3,022	6	8	1,127	1	9	283	10	9	..			4,433	3	2
Petty construction and repairs.	80	11	10	36	14	0	6	13	8	..			124	7	6
Keep of ponies whilst under castration.	75	15	6	327	13	9	..			..			403	13	3
Purchase of stallions ..	..			..			..			1,769	9	0	1,769	9	0
Miscellaneous	..			..			..			2	13	0	2	13	0
Total ..	3,386	14	6	2,277	3	6	290	8	5	1,772	6	0	7,727	0	5

STATEMENT of Charges incurred during 1896–97 on behalf of Mule-breeding operations.

Items.	Coimbatore.			Salem.			Madura.			At Head-quarters and undistributable.			Total.		
	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.	RS.	A.	P.
Feeding charges	450	1	10	811	5	3	..			..			1,261	7	1
Stabling do.	..			67	8	0	..			..			67	8	0
Purchase of jacks	..			..			..			532	0	0	532	0	0
Prize at shows	..			..			..			..			..		
Fees for first 40 foals ..	..			..			..			..			..		
Total ..	450	1	10	878	13	3	..			532	0	0	1,860	15	1

B.-II.—CATTLE DISEASE INVESTIGATION.

23. The same Inspectors continued to be in charge of circles with slight changes, and were directed to conduct Bacteriological survey afresh in the light of instructions received from the Assistant to the Inspector-General, Civil Veterinary Department, according to which the Inspectors were required to visit each village, collect and submit information in a form prescribed for the purpose, with their tri-monthly diaries.

The following will show the names of the taluks surveyed by the Inspectors and the number of villages in each of these taluks :—

Name of Inspector.	Circle.	Taluk.	Number of villages.	Number of villages surveyed.
M. Venkataramana Sastry ..	7th Vellore ..	Vellore	151	57
		Wandiwash	285	24
		Wallajah	252	27
		Arcot	261	10
Moses Abraham	4th Salem	Salem	397	138
R. Kanniah Naidu	8th Erode	Erode	210	197
G. Rungiah Naidu	6th Chittoor ..	Chandragiri	97	49
K. Sethu Row	10th Coimbatore ..	Satyamangalam	146	40
		Coimbatore	260	16
M. Hassen Ali Sahib	5th Tiruppattúr ..	Hosúr	450	65
B. K. Santaya	9th Kangayam ..	Dhárápuram	86	83

Salem taluk in 4th circle, Erode taluk in 8th circle, and Dhárápuram taluk [illegible] in 9th circle appear to have been completely surveyed before the close of the year, [illegible] and the abstract of information collected by them has been received, but the maps, indi[illegible]cating the areas liable to invasion of the several diseases, have not been received, owi[illegible]ng to their departure before the close of the year on famine and cattle fair duty. Sto[illegible]ck Inspector, K. Padmanabhaya, continued to be on special duty to enquire into th[illegible]e mortality of cattle from unspecified causes in the Ceded Districts, until he was dis[illegible]- charged from service in February last. Stock Inspector, V. Seethamber Devoo, completed investigation of "Iduga" in Kolair lake and was since deputed to enquire into the causes of mortality from unspecified diseases in Gódávari, as per B.P., Mis. No. 1650, dated 31st March 1896, where he continued until he was told off for famine duty at the close of the year. The report of the work done by the first-named officer has been duly submitted to the Board, but that of the second has not been done yet, as he does not appear to have completed his enquiries in that district.

24. The outbreak of Rinderpest in the Anantapur and Bellary Districts, Quarter-ill, Rinderpest, Foot-and-mouth disease and the diseases known as *Thullu novu* in sheep and *Cocoo novu* in goats (Pneumonia) in the Coimbatore District, Anthrax in Hosúr taluk, malignant sore throat in the Chingleput taluk, Rinderpest in the Ponnéri, Conjeeveram, Madurántakam and Saidapet taluks in the Chingleput district, Rinderpest and Anthrax in Chandragiri, Rinderpest, Epizootic Aphtha and Anthrax in Wallaja, Epizootic Aphtha in Arni, Rinderpest and Epizootic Aphtha in Arcot, Rinderpest and Anthrax in Wandiwash, taluks of the North Arcot district, Anthrax in the Vriddhachalam taluk of South Arcot district and Anthrax in Nellore were investigated by the several Stock Inspectors, and the reports submitted by these officers have been duly forwarded to the Assistant to the Inspector-General, Civil Veterinary Department. The worthy fact elicited in course of enquiry in Hosúr taluk was that four Pariahs who the flesh of the animals reported to have died of Anthrax became ill, two died of fever and swellings, and the other two were still ill, who were subsequently examined by a medical officer and he diagnosed the cases otherwise. In the Dhárápuram taluk what is called *Thullu novu* was investigated by two Stock Inspectors, one of the Inspectors, B. K. Santaya, diagnoses it as Braxy, while the other Stock Inspector Hassen Ali Sahib as Louping-ill. From the fact that the death is sudden and the disease not associated with ticks, which are considered to be the chief medium of inoculation, I am afraid that the disease might be other than Louping-ill, a disease seldom known or heard of in this Presidency, yet, whether it is Braxy, as stated by the other Inspector, or otherwise, remains to be investigated, and an attempt will be made in that direction during the current year.

25. Major-General Morgan's method of treatment of Rinderpest by raw broth of the beef of animals, that died of the disease, was tried under the orders of the Superintendent by Stock Inspectors, V. P. Subramania Mudaliar, M. Venkataramana Sastry, and B. K. Santaya. Venkataramana Sastry treated six, of which three died and three recovered. Subramania Mudaliar treated seven, of which four died, three recovered. Santaya treated 25, of which two died and 23 recovered. The chief point to be attended to in the preparation of the broth appears to consist in the use of water, the temperature of which is not such as to coagulate albumen, thereby securing a proper dose of antitoxin for inoculation and its administration in the early stage of the disease. The results attained are not discouraging. Further trials will be given to alleged antidote as opportunities occur in course of the year and the results duly reported.

26. Now, as to the work done by the Head-quarter Stock Inspector, it appears from the records, that he was for the most part engaged in attending cattle fairs held in the Presidency, where Act II of 1866 was introduced.

27. In addition to the work of investigation of Epizootics and Bacteriological survey of taluks, the Inspectors have visited several cattle pounds and examined several registers of cattle mortality maintained in the villages. From the remarks of the Stock Inspectors, it would appear, that the register is not a reliable record of the diseases prevailing among live-stock. In many cases it is nothing but a *nil* record, and wherever an attempt is made to register cattle mortality, the deaths from several diseases were chiefly entered by the village officers under the heading of "all other

diseases", partly to save the trouble of submitting the periodical reports to the taluks and partly from ignorance of the names adopted to indicate the diseases in several columns, the names not being popular in the district; hence appears the heavy mortality shown under "unspecified diseases" which necessitated the employment of two Stock Inspectors in the Ceded Districts and Gódávari during the year. The 9th circle Inspector states, in his report for the year, that the village officials of the taluk he surveyed, viz., Dhárápuram, in most instances the village officers were ignorant of the names by which the several diseases were indicated in the register. For instance, Rinderpest is known in other Tamil districts as *Vekkai*, whereas it is called *Ammai novu or Alaree novu* in Coimbatore, and the word *Vekkai* sounds Greek in their ears; similarly Foot-and-mouth disease, which is known elsewhere, as *Comari*, is known in that district by *Váichappai and Kálkattai*. It is therefore highly desirable that the local names should be adopted in the register so as to ensure proper entries being made in the respective columns. It is also stated by that Inspector that in the Manual in Tamil issued to village officers, chapter, "Cattle Diseases," *Comari* is put down for Rinderpest, whereas in many districts it represents Foot-and-mouth disease; and the Quarter-ill is entered under the head of Anthrax, Charbon instead of Charbon symptomatic which is a distinct disease of itself. It is therefore suggested that this chapter in the Village Manual, which is liable to mislead the public officials, may be corrected wherever necessary.

C.—Cattle-Breeding.

28. There is no cattle-breeding carried on by the Government in this Presidency nor are there any cattle shows held. Several annual cattle fairs are held in the Presidency (*vide* enclosure No. 3) most of which were visited by the subordinates of the Department during the year. The Act II of 1866 was also extended to Avanasi and Tiruppúr in Coimbatore, Kalugumalai and Tiruchendur in Tinnevelly during the current year.

29. The weekly markets, held in the circles, have been, as far as possible, attended by the Inspectors concerned (*vide* appendix No. 4). The reports, submitted by the Inspectors thereon, were duly forwarded to the Assistant to the Inspector-General, Civil Veterinary Department.

D.—Veterinary Instructions.

30. I have nothing more to say than what is recorded in the last year's annual report on this head. Instructions are awaited as to opening a Veterinary class in connection with the Agricultural College for the provision of the subordinate Veterinary staff in this Presidency.

31. The strength of the Department was as follows:—

In course of the year, the services of six of the Stock Inspectors, who were found unfit for promotion to the Inspecting grade, were dispensed with, under G.O., Mis. No. 3891, dated 29th September 1896. Thus there were at the close of the year—

Superintendent	1
Deputy Superintendent	1
Stock Inspectors	7
Clerks	2
Peons	4

32. Two Stock Inspectors, viz., Rungiah Naidu and Seethamber Devoo, were promoted to the grade of Rs. 100 on passing the required examination. Of these, the first-named was one of those that were discharged.

E.—General.

33. The places visited by my predecessor during the official year under report were Dhárápuram, Aravakurchi, Pollachi, Erode, Karúr, Kangayam, Coimbatore, Tiruppúr and Méttupálaiyam of the Coimbatore district, Dindigul and Madura of the Madura district, Kumbakónam of the Tanjore district, Dharmapuri, Berikai, Hosúr, Mattagiri of the Salem district, Bellary and Hospet of the Bellary district, and Bangalore.

34. Two pony shows were held during the year—one at Tiruppúr, Coimbatore district, in May 1896 and another at Berikai in December last in Salem district. Both were visited by him as ex-Officio member of, and Secretary to, the Committee of Judges, and the reports of the Judging Committee thereon were duly submitted to the Board.

35. Miles travelled by my predecessor—

	MILES.
1. By rail	7,273½
2. By road	803

36. The number of days spent by him at head-quarters were 179 and on tour 135. He remained at Ooty for 41 days with the permission of the Commissioner. He was also on casual leave for 10 days during the year.

37. The following is the statement showing the actual charges incurred during the year :—

STATEMENT showing the actual charges incurred during the official year 1896-97.

Items.	Pay.	Travelling allowance.	Contingencies.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Superintendent, Civil Vety. Department ..	7,451 11 0	947 14 0	646 15 9	8,999 9 0
do. house-rent ..	600 0 0			2,900 8 0
Do. do. ..	1,990 0 0	861 6 0	49 2 0	17,936 0 3
Deputy Superintendent ..	13,080 0 0	4,089 9 6	215 14 6	1,134 11 6
Stock Inspectors (13) ..	964 5 6	170 6 0	..	
Office establishment ..			912 0 3	31,007 12 6
Total ..	24,026 8 6	6,069 3 6		

38. *Office work.*—An assistant to the only clerk, on Rs. 20 and an increment of Rs. 10 to the head clerk's pay were sanctioned during the year. When I took charge of the office, I was told by my predecessor that there was no work in arrears.

39. At present four Inspectors, out of seven remaining, are on famine duty. It is not known for how long they will be so occupied. It is respectfully requested that they may be ordered back to their respective circles at an early opportunity.

40. Cattle mortality will be separately reviewed, as the statistics received for the last quarter is not complete.

ENCLOSURE No. 1.

ABSTRACT of Cattle Fairs attended by Stock Inspectors during 1896-97.

Duration of the enforcement of Act II of 1866.	Place. District.	Taluk.	Village.	Number of cattle exhibited.	Epizootics that prevailed.	Number of animals Impounded.	Discharged. Cured.	Discharged. Died.	Cases of prosecutions under Act II of 1866. Number.	Result.	Stock Inspector that attended the fair.	Remarks.
1896.												
For six months, from 3rd March 1896.	Madura ..	Dindigul .. / Palni .. / Periyakulam ..	....	..	....	..	..	..	..	..	M. Hassen Ali Sahib.	Cattle Disease Act enforced on account of glanders and farcy.
1st to 7th April 1896 ..	Salem ..	Dharmapuri ..	Adamankottah.	6,050	....	..	..	..	..	..	Moses Abraham ..	Some traders, who usually visit the fair from Palcode, Coimbatore, and make purchases in lots, were absent this year; hence the market was dull.
For one month, from 1st April 1896.	Tinnevelly ..	Tinnevelly ..	Sivalaperi ..	25,000	Epizootic aphtha..	4	..	..	..	..	V. P. Subramania Mudaliar.	
For one month, from 21st April 1896.	Madura ..	Madura ..	Madura ..	26,865	Epizootic aphtha. / Hoven .. / Anthrax ..	16 / 6 / 2	24	..	..	..	M. Hassen Ali Sahib.	
27th April to 11th May 1896 ..	North Arcot ..	Punganur division.	Punganur ..	19,960	Tympanitis ..	1	..	1	..	..	G. Rungiah Nayudu.	One case of dislocation at one of the dorsal vertebræ, the animal was sold to a butcher.
For one month, from 15th May 1896.	Tinnevelly ..	Srivaikuntam ..	Alwartirunagiri.	8,142	Epizootic aphtha. / Anthrax ..	2 / 1	2	1	..	..	M. Hassen Ali Sahib.	
For one month, from 30th May 1896.	Do. ..	Satur ..	Kannicheri ..	20,000	Epizootic aphtha..	2	2	..	..	..	V. P. Subramania Mudaliar.	
For one month, from 30th June 1896.	Do. ..	Do. ..	Muthilapuram..	18,000	Do. ..	3	3	..	..	..	Do.	
For one month, from 14th July 1896.	Do. ..	Sankaranáyinárkóyil.	Sankaranáyinárkóyil.	3,500	*Nil.* ..	..	..	..	..	..	Do.	
For three months, from 21st July 1896.	Salem ..	Hosór ..	Mathagiri .. / Palleondapalli.. / Belagondapalli. / Konanur .. / Poonapálli .. / Jeagur ..	..	....	..	..	..	..	..	Moses Abraham ..	Disease-Anthrax.
For one month, from 1st October 1896.	Tinnevelly ..	Tinnevelly ..	Palamcottah ..	2,500	*Nil.* ..	..	..	..	..	..	V. P. Subramania Mudaliar.	
For one month, from 4th November 1896.	South Arcot ..	Tiruvannámalai.	Tiruvannámalai.	25,000	....	..	..	..	..	..	Do.	
20th November to 10th December 1896.	South Canara.	Uppinangádi ..	Kukkee ..	33,000	Foot-and-mouth disease. / Dysentery .. / Hoven .. / Exhaustion ..	54 / 2 / 3 / 5	53	11	1	The accused was fined 4 annas.	B. K. Santaya.	
15th to 24th December 1896 ..	Salem ..	Hosúr ..	Berikai ..	5,000	*Nil.* ..	..	..	..	..	..	M. Hassen Ali Sahib.	
1897.												
10th January to 10th February 1897.	Tinnevelly ..	Ettiyapuram estate.	Kalugumalai ..	6,000	Parturition .. / Diarrhœa .. / Sprain .. / Hoven .. / Exhaustion .. / Paralysis ..	.. / .. / .. / .. / .. / ..	..	2	..	..	K. Sethu Rau.	

Abstract of the Cattle Fairs attended by Stock Inspectors during 1896-97—*cont.*

Duration of the enforcement of Act II of 1866.	Place.			Number of cattle exhibited.	Epizootics that prevailed.	Number of animals			Cases of prosecutions under Act II of 1866.		Stock Inspector that attended the fair.	Remarks.
	District.	Taluk.	Village.			Impounded.	Discharged. Cured.	Discharged. Died.	Number.	Result.		
1897.												
From 16th February 1897, 6 days.	Salem ..	Salem ..	Mecheri ..	3,000	No outbreaks	..	..	..	..	..	Moses Abraham ..	There was not a good collection as usual. The fair was reduced to ⅔ to that of the previous year, owing to the Mamangam feast held simultaneously at Kumbakónam and partly to a false rumour of the prevalence of cholera.
From 11th February to 23rd February 1897.	Tinnevelly ..	Srívaikuntam ..	Tiruchendúr ..	4,222	Diarrhœa .. Dysentery .. Spasm .. Parturition .. Rinderpest ..	1	..	1	..	..	K. Sethu Rau ..	The cattle-pound was leaky, though strongly built, which should be guarded against, for, it would tell seriously on the health of the in-patients. The pound should be fenced to keep away stray animals.
From 17th February to 27th February 1897.	Tanjore ..	Kumbakónam ..	Neerathanallur.	4,858	Epizootic aphtha (Foot Lesions.)	7	7	..	..	..	V. P. Subramania Mudaliar. *	* The arrangements of the fair were very satisfactory.
From 15th March to 28th March 1897.	Tinnevelly ..	Ottappidáram ..	Kalugumalai ..	15,000	Epizootic aphtha.	1	1	..	..	..	Do. ..	
From 20th March to 25th March 1897.	North Arcot.	Kangundi division.	Rallabudugur ..	3,000	....	..	..	..	..	..	Moses Abraham.	Not many good specimens of cattle in the fair.
From 21st March 1897, 10 days.	Salem ..	Dharmapuri ..	Adamancottah.	4,000 (apx.)	Hoven ..	5	4	1	..	..	M. Hassen Ali Sahib.	
1896.	The Act was not introduced in the following fairs.											
25th to 29th April 1896 ..	Coimbatore ..	Palladam ..	Avanasi ..	5,300	*Nil.*	..	..	..	..	..	K. Sethu Rau ..	
Do. do. ..	Do. ..	Do. ..	Do. ..	5,300	....	..	..	..	..	..	C. Viswanatha Iyer.	
For 3 days from 4th to 6th May 1896.	South Arcot.	Kothaty ..	Chidambaram ..	980	....	..		..	..	..	C. Chokalingam Pillai.	
27th to 31st May 1896 ..	Coimbatore ..	Palladam ..	Tiruppúr ..	5,000	....	..	..	..	..	..	C. Viswanatha Iyer.	Epizootic aphtha was prevailing among few of the cattle which were advised to be kept off.
6th to 8th August 1896 ..	Do. ..	Bhavání ..	Sankarampaliam.	4,000	....	..	..	..	..	..	R. Kanniah Naidu.	The fair is known as Gurunathaswami fair.
3 days from 3rd November 1896.	Do. ..	Kollegal ..	Madeswaram hills.	500	....	..	..	..	..	..	K. Sethu Rau ..	
1897.												
Four days from 19th January 1897.	Salem ..	Tiruchengódu ..	Kallipatty ..	2,000	....	..	..	..	..	..	Moses Abraham.	

ENCLOSURE No. 2.

STATEMENT showing the weekly cattle markets visited by Stock Inspectors.

Districts.	Taluks.	Villages.	Days of the week.	Duration of the market.	Average number of cattle exhibited.	Breeds of cattle exhibited.	Date of Stock Inspector's visit.	Stock Inspector that visited.
Coimbatore ..	Dhárápuram ..	Dhárápuram ..	Tuesday ..	One day.	670	Kángayam and local breed ..	21st April 1896 ..	C. Viswanatha Iyer.
	Coimbatore ..	Annoor	Saturday ..	Do.	285	Alambady, Khunkhanhalli and country breed.	23rd May ,, ..	
	Satyamangalam ..	Siruvallur ..	Tuesday ..	Do.	450	Country breed and Mádéswaram hills ..	14th July ,, ..	K. Sethu Rau.
	Do. ..	Modachur ..	Saturday ..	Do.	120	Country	18th ,, ,, ..	
	Coimbatore ..	Annoor	Do. ..	Do.	100	Do.	1st August 1896 ..	
	Do. ..	Tudyalur ..	Monday ..	Do.	285	Country and hill breeds	3rd ,, ,, ..	
	Dhárápuram ..	Dhárápuram ..	Tuesday ..	Do.	1,580	Kángayam and country breed ..	8th September 1896.	
	Do. ..	Mulanur ..	Wednesday ..	Do.	331	Do. do. ..	30th ,, ,,	B. K. Santaya.
	Do. ..	Dhárápuram ..	Tuesday ..	Do.	1,070	Kángayam and mixed breed	6th October 1896 ..	
	Satyamangalam ..	Punjai Pulliambatti.	Thursday ..	Do.	270	Country breed and Mádéswaram hills ..	7th January 1897..	K. Sethu Rau.
	Erode	Sivagiri ..	Friday	Six hours.	310	Local breed and Kanganad breed ..	22nd ,, ,, ..	R. Kanniah Naidu.
	Dhárápuram ..	Dhárápuram ..	Tuesday ..	Ten hours.	715	Kángayam and local breed	2nd February 1897.	B. K. Santaya.
	Eroce	Erode	Thursday ..	Six hours.	257	Local breed	4th ,, ,,	R. Kanniah Naidu.
	Do.	Perundurai ..	Sunday ..	Do.	300	Do.	7th ,, ,,	Do.
	Do.	Kunnathoor ..	Monday ..	Eight hrs.	300	Local breed and a few Baragar breed ..	8th ,, ,,	Do.
	Wallajah	Ránipéttai ..	Friday and Saturday.	Two days.	377	Western Kolar, mixed and local diminutive.	19th June 1896 .	M. Venkataramana Sastry.
North Arcot ..	D	Do.	Do. do. ..	Do.	491	Do. do.	24th July ,, ..	Do.
	Gudiyáttam ..	Gudiyáttam ..	Tuesday ..	Do.	255	Mysores and local	15th December 1896.	G. Rungiah Naidu.

Read—also the following letter from HERBERT BRADLEY, Esq., Collector of Coimbatore, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture (through the Superintendent, Civil Veterinary Department, Madras), dated 29th April 1897, Dis. No. 1484-Rev.:—

I have the honour to submit my report on the pony and mule breeding and castration operations in the Coimbatore district for the last official year 1896–97 and on the results of the coverings effected in the previous year 1895–96.

2. *Pony-breeding operations.*—At the commencement of the year, there were ten stallions, viz., No. 1 Parfait Amour, No. 2 Sultan, No. 3 Agha, No. 4 Rajah, No. 5 Nawab, No. 6 Abdulla, No. 11 Parel, No. 16 Max, No. 17 Hector, and No. 18 Baby available for work. Stallion No. 5 Nawab died on 8th June 1896. At the end of May 1896, the covering operations began just after the resting season of the year. No. 6. Abdulla was transferred from Palladam to Kangayam in place of Nawab, and stallion No. 16 Max was sent to Kollegal instead of Parel as per letter of the Superintendent, Civil Veterinary Department. No. 213, dated 4th March 1896. The last was posted to Pollachi. Stallion No. 1 Parfait Amour was sent to Madras on 11th January last to be sold by public auction, as decided by the Board in its Proceedings, Mis. No. 6439, dated 11th December 1896, referred to in the letter of the Superintendent, Civil Veterinary Department, No. 1448, of 19th December 1896.

3. The number of mares covered by each of the above nine stallions during the year is given in detail in the accompanying statement:—

Consecutive number.	Name of stallion.	Total number of mares covered during the year.	Places of covering with number.		Taluk whence mares came with their number.		Total number of mares covered during 1895–96.
1	Parfait Amour.	29	Kangayam	29	Erode	1	
					Palladam	4	
					Dhárápuram	23	
					Karúr	1	
						29	36
2	Sultan ..	30	Tiruppúr	1	Erode	22	
			Erode	29	Dhárápuram	3	
					Satyamangalam	1	
				30	Karúr	1	
					Coimbatore	1	
					Námakkal	1	
					Tiruchengódu	1	
						30	28
3	Agha ..	60	Aravakurichi	60	Karúr	40	
					Dhárápuram	11	
					Dindigul	6	
					Palni	3	
						60	60
4	Rajah ..	33	Tirupúr	1	Coimbatore	1	
			Dhárápuram	32	Dhárápuram	27	
					Erode	1	
				33	Palni	3	
					Dindigul	1	
						33	36
6	Abdulla ..	37	Coimbatore	1	Coimbatore	1	
			Tiruppúr	1	Udamalpet	1	
			Kangayam	35	Dhárápuram	25	
					Erode	4	
				37	Palladam	3	
					Karúr	3	
						37	9

Consecutive number.	Name of stallion.	Total number of mares covered during the year.	Places of covering with number.		Taluk whence mares came with their number.		Total number of mares covered during 1895–96.
11	Parel ..	54	Coimbatore	1	Pollachi	44	
			Tiruppúr	2	Udamalpet	2	
			Pollachi	43	Palladam	6	
			Palladam	4	Coimbatore	1	
			Avanashi	1	Erode	1	
			Anamalai	2		54	33
			Udamalpet	1			
				54			
16	Max ..	22	Kollegal	22	Kollegal	18	
					Chamrajnagar	1	
					Kankanhalli	2	
					Nanjangadal	1	
						22	4
17	Hector ..	34	Tiruppúr	1	Dhárápuram	29	
			Dhárápuram	33	Udamalpet	1	
					Pollachi	1	
				34	Erode	1	
					Palni	2	
						34	4
18	Baby ..	29	Tiruppúr	1	Karúr	1	
			Erode	28	Erode	24	
					Bhavání	2	
				29	Satyamangalam ..	1	
					Námakkal	1	
						29	4

4. None of the stallions except Agha had his full number of coverings in the year under report as in the preceding one. Stallions Nos. 1 and 4 covered only 29 and 33 mares, respectively, or 7 and 3 mares less than in the previous year. Parfait Amour was at work only for seven months against ten. The decrease in the work of Sultan, Rajah, Abdulla, Hector and the Baby was due to the fact that the people were not willing to send their mares for covering in the months of June and July, as, owing to want of fodder, the mares were weak and emaciated and there were difficulties in procuring fodder for the journey. The work done by Sultan, however, shows a slight increase above last year's figures. The short work turned out by the stallions Rajah and Max may be attributed to their illness. The latter stallion was allowed rest for two months after his recovery from horse syphilis, and had no work in February and March as people exhibited a marked disinclination to put their mares to him, ever since his illness.

5. *Mule-breeding operations.*—Two donkey stallions, viz, No. 597 Shimroli and No. 607 Kachora, arrived in the district in July 1896 and were stationed at Kollegal. Shimroli covered 19 mares during the year and Kachora 17. All of them belong to the Kollegal taluk except two mares covered by the latter stallion, of which one came from Chamrajnagar and the other from Chanthrayapatna in Mysore province. Ten of these 36 mares were brought by Mr. Hamilton Holmes, on whose initiation the industry was first started.

6. *Castration operations.*—Only 17 ponies were castrated during the year under report in the three taluks of Coimbatore, Erode and Bhaváni, against 98 in the previous year. The salustri was ordered in the beginning of the year to work under the Tahsildar of Coimbatore. This officer was not able to find sufficient work for him and the salustri obtained leave of absence for three months. On his return from leave, he was sent to Kollegal to attend on Max which was sick. As there was practically no more castration to be done by the salustri in that taluk, he was in November last directed to report himself to the Tahsildar of Erode for duty in that taluk. There, too, sufficient number of ponies was not procured for him, and in March 1897 he was sent to Bhaváni taluk at his own request. Orders have been issued to

the Tahsildar of the last taluk to keep the salustri fully employed and get him to turn out adequate work. The people of the plains appear to be averse to bringing their ponies for castration. In addition to the paucity of pony entires for castration there was another reason for the short work of the salustri, namely, that, as already stated, he was sent to Kollegal to attend on the stallion Max, and to Kangayam at the time of the death of Nawab to hold a *post-mortem* examination upon this animal.

7. *Results of coverings in* 1895–96.—The results of coverings effected in 1895–96 are abstracted in the following statement, with reference to paragraph 5 of Board's Proceedings, No. 497 (Settlement), dated 1st December 1893:—

Stallions.	Mares covered during 1895–96.	Deduct mares.				Mares remaining.	Mares that		Mares empty.	Remarks.
		Dead.	Sold and untraceable.	Results not reported and doubtful.	Total unknown.		Foaled.	Aborted.		
1	2	3	4	5	6	7	8	9	10	11
Parfait Amour	36	2	8	..	10	26	8	3	15	The figures in column 5 include mares in foal thus— Sultan 5. Rajah 1.
Sultan	28	2	2	4	8	20	5	..	15	
Agha	60	2	4	..	6	54	12	4	38	
Rajah	36	1	8	..	9	27	6	4	17	
Nawab	38	1	11	..	12	26	9	3	14	
Abdulla	9	..	2	..	2	7	1	..	6	
Mistrust	15	1	3	..	4	11	3	..	8	
Parel	33	1	14	..	15	18	2	5	11	
Max	4	..	1	..	1	3	1	..	2	
Hector	4	..	1	..	1	3	..	2	1	
Baby	4	..	..	1	1	3	..	..	3	
Total ..	267	10	54	5	69	198	47	21	120	

8. The percentage of column 8 to column 7 in the above statement in the case of each stallion is as under:—

1. Parfait Amour	...	...	...	...	...	...	...	...	...	28
2. Sultan	...	...	...	...	...	...	...	...	...	...
3. Agha	...	...	...	...	...	...	...	...	...	22
4. Rajah	...	...	...	...	...	...	...	...	...	23
5. Nawab	...	...	...	...	...	...	...	...	...	34
6. Abdulla	...	...	...	...	...	...	...	...	...	14
9. Mistrust	...	...	...	...	...	...	...	...	...	27
11. Parel	...	...	...	...	...	...	...	...	...	11
16. Max	...	...	...	...	...	...	...	...	...	33
17. Hector	...	...	...	...	...	...	...	...	...	*Nil.*
18. Baby	...	...	...	...	...	...	...	...	...	*Nil.*

Taken as a whole only about 23 per cent. of the coverings were successful. This result is not satisfactory.

9. Of the 41 foals shown in column 8, 22 are colts and the remainder fillies. Two colts are reported to have died and the rest of the foals to be in good condition.

10. With regard to the results in the 24 cases entered in column 5 of the abstract above given, reports are awaited from some officers to whom strict reminders have been sent. On receipt of their reports a supplemental abstract will be submitted.

READ—also the following letter from R. H. CAMPBELL, Esq., Acting Sub-Collector, Hosúr, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture in charge of the office of the Superintendent, Civil Veterinary Department (through the Collector of Salem), dated Salem, 12th April 1897, No. 968:—

I have the honour to submit my report on the pony and mule breeding and castration operations in the Salem sub-division for the official year 1896–97 and on the results of coverings effected in 1895–96.

2. *Pony-breeding operations.*—The marginally-noted stallions were at work during the year under report. Three new stallions Euphrates, Tigris and Nile arrived at Hosúr during the latter part of the year, but no coverings were effected by them. All the three are to be permanently stationed here to work in the sub-division, and Carbon and Phœnix will be sent away to Kollegal to work there after the offseason is over—*vide* instructions conveyed in Superintendent's letter, No. 266, dated 9th March 1897.

7. Carbon. 13. Sunshine. 14. Phœnix.

3. The following statement shows in detail the number of mares covered by the three stallions Carbon, Phœnix and Sunshine during the year under report as compared with the figures of 1895–96:—

Number and name of stallions.	Number of mares covered.		Remarks.
	1896–97.	1895–96.	
Carbon	51	50	Worked throughout both the years.
Phœnix	34	10	Received in January 1896.
Sunshine	43	12	Received in January 1896.
Abdulla	..	26	Removed to Coimbatore district in January 1896.
Ranger	..	25	Sold at Madras in January 1896.
Total ..	128	123	

From the above it will be seen, that 128 coverings were effected on the whole against 123 in the previous year. But the work cannot be called satisfactory, as none of the stallions had his full complement of coverings, viz., 60. Carbon was the only one which made an approach to the maximum number. Of the other two stallions, Phœnix is reported to be very slow in covering. This fact was brought to the notice of the Superintendent, Civil Veterinary Department, by the Taluk Sheristadar, Hosúr, during his visit here. The short coverings by the three stallions, may be accounted for, to some extent, by the fact, that the mule-breeding operations were carried on side by side with the pony-breeding and that fewer mares were, in consequence, available for pony-breeding purposes.

4. The number of brood mares in the Hosúr taluk, having been found insufficient for covering operations, the stallions were taken out into camp with me and my predecessors in office during our tours in the taluks of Krishnagiri and Dharmapuri in the marginally-noted months. Every endeavour was used to procure mares for service during these tours.

Carbon.
August, September, October, November and December 1896.
Sunshine.
February 1897.
Phœnix.
February and March 1897.

5. Appended is a statement giving particulars regarding the localities at which the coverings were effected and the taluk which contributed the mares covered:—

Number and name of stallions.	Total number of mares covered.	Places of covering and number covered.		Taluks which contributed mares.				
				Hosúr.	Krishnagiri.	Dharmapuri.	Coorg Provinces.	Total.
Carbon	51	Hosúr	22	21	..	..	1	22
		Krishnagiri	17	..	17	..	..	17
		Dharmapuri	12	..	..	12	..	12
Phœnix	34	Hosúr	22	21	..	1	..	22
		Krishnagiri	5	..	5	..	..	5
		Dharmapuri	7	..	..	7	..	7
Sunshine	43	Hosúr	33	32	1	..	..	33
		Krishnagiri	10	..	10	..	..	10
Total ..	128	Total ..	128	74	33	20	1	128

	Feeding, &c., charges.			Petty construction and repairs.		
	RS.	A.	P.	RS.	A.	P.
April	54	11	4			
May	89	4	4			
June	103	5	4			
July	98	9	0			
August	76	9	10			
September	48	6	1			
October	46	0	2			
November	54	4	8			
December	59	15	1			
January	68	1	6			
February	57	2	5			
March	54	15	5	67	8	0
Total ...	811	5	2	67	8	0

Endorsement by the Acting Collector of Salem, on Sub-Collector's letter No. 968, dated 14th April 1897.

Submitted to the Board of Revenue (Revenue Settlement, Land Records and Agriculture).

2. From paragraph 5 of the report, it appears, that mares more than two hands less than the stallions have been allowed to be served contrary to the instructions contained in paragraph 4 of Board's Proceedings, dated 5th July 1895, No. 198. The Sub-Collector's attention will be drawn to the matter.

In 1895–96, 123 mares were covered, of these the results in 32 cases were said to be unknown, 72 were empty, 10 aborted, 5 foaled and 4 were in foal.

READ—also the following letter from M.R.Ry. P. VENKATASAWMY, Tahsildar, to the Sub-Collector, Madura, dated 3rd November 1896, Dis. No. 519 :—

With reference to R. C. No. 2616-G.C., dated 13th October 1896, I beg to state that on receipt of order R.C. No. 68-Gl., dated 17th January 1896, intimating the arrival of the Government stallion, I issued circulars to all Revenue Inspectors and the Deputy Tahsildars of Vedasandur and Nelakottai requesting them to issue orders to all village officers to the effect that mares of not less than 12 hands in height may be brought to Dindigul for being covered by the stallion. A circular was also issued on 1st February 1896 to all village munsifs to the above effect. A notice was also published in the town on 1st February 1896. This I have reported in my arzi, No. 155, dated 1st February 1896.

	Mares covered.
February 1896	5
March ,, ...	3
April ,, ...	...
May ,, ...	...
June ,, ...	2
July ,, ...	2
August ,, ...	1
September ,, ...	...

2. Out of the mares brought for service from February last, the marginally-noted number of mares were only selected according to the rules in force and were covered by the stallion. The months of April and May were period of resting season for the stallion.

3. Majority of mares in the cusbah and in the surrounding villages are undersized and unfit to be covered by the stallion. Most of these that are fit have been covered. It is only in the villages of Vedasandur division which adjoins the Coimbatore district that there are persons who own mares and have them covered by the stallions for the purpose of profit. They take the mares to . . . places in the Coimbatore district (where there are stallions) as it is nearer to them. Such persons are few and far between here. Majority of the owners of the mares in the town are jutka drivers who live from hand to mouth and they have no means to live independently of their pony earnings.

4. These remarks account for short work during September also. Statement of mares covered during that month is herewith returned.

5. In these circumstances, I beg to suggest that the stallion may be sent to a better place.

READ—also the following letter from M.R.Ry. P. VENKATASAWMY, Tahsildar, to the Sub-Collector, Madura, dated 9th April 1897, No. 392 :—

Adverting to N.R.C. No. 888-Gl., dated 19th March 1897, I beg to submit herewith a statement for 1895–96 showing the result of mares covered by the Government stallion brought to Dindigul on 26th January 1896. It will be seen therefrom that more than half the number of the mares became empty.

2. Notices were caused to be published in villages, and all possible arrangements made to secure mares for being covered by the stallion and only fourteen mares have been covered during the year. The cause of short work has already been explained in my Dis. No. 419, dated 3rd November 1896. The result of the mares covered during the year 1896–97 cannot be furnished now, as the first covering was effected only from July last.

ENCLOSURE No. 1.

STATEMENT showing the result of mares covered by the Government stallion (15 Selim) at Dindigul during the year 1895–96.

Certificate number.	Date of covering.	Places.	Result.
1	7th February 1896 ..	Dindigul	Empty.
2	10th ,, ,, ..	Do.	Filly.
3	13th ,, ,, ..	Do.	Empty.
4	15th ,, ,, ..	Do.	In foal.
5	18th ,, ,, ..	Do.	Filly.
6	2nd March ,, ..	Do.	Empty,
7	16th ,, ,, ..	Do.	Do.
8	31st ,, ,, ..	Do.	Aborted in December.

Endorsement by the Acting Sub-Collector of Madura, dated 16th April 1897, Dis. No. 888-Gl.

Forwarded to the Superintendent, Civil Veterinary Department, Madras, with reference to his letter, No. 292, dated 15th March 1897.

RESOLUTION—dated 3rd July 1897, No. 484.

The annual report of the Superintendent, Civil Veterinary Department, will be submitted for the information of Government.

2. During the year under review, Veterinary-Lieutenant A. E. Clarke continued to be Superintendent of the Civil Veterinary Department till the 22nd April 1897, when he reverted to military service, and was succeeded by Veterinary-Lieutenant Edwards. Mr. Clarke spent 135 days on tour and 179 at head-quarters. Out of the latter period, he seems to have devoted 41 days to a course of 32 lectures and 9 classes at the College of Agriculture, Saidapet; to this, however, no reference has been made in the report read above.

3. *Pony-breeding.*—Of the 14 stallions that were at work at the commencement of the year, one died and another was sold. Three new stallions were purchased by the Inspector-General, Civil Veterinary Department, and added to the stock. Thus, at the close of the year, there were 15 stallions, of which 8 were stationed in Coimbatore, 6 in Salem, and 1 in Madura.

4. From Appendix I, it will be seen that the year under review shows the greatest number of coverings (470) made in the last five years. But the average number per stallion, working throughout the year, excluding the stallions which worked during part of the year only, is only 36·8 against 37·9 of the previous year. The short work is generally attributed, in Coimbatore, (1) to the disinclination of the people to send their mares to the stallions in June and July, the mares being in poor condition at that season, and there being a difficulty in procuring fodder where the journey to the covering station is a long one, (2) and to the illness of two stallions Rajah and Max; in Salem, to the competition of the donkey-stallions provided for mule-breeding; and in Madura, to the majority of mares being undersized and therefore unsuitable to the stallion Selim, which has since been transferred to the Coimbatore District. The reason assigned for the short work in Salem appears to be scarcely sound, as only 28 mares were covered by the donkey-stallions. It is observed that none of the three new stallions, which arrived in Salem on the 17th December 1896, has had any work. The Superintendent states that one of them was ill. But neither he nor the Collector has explained why the other two have not been used for a period of more than three months.

5. The results of the coverings in 1895–96 compare unfavourably with those of the preceding year. Out of 398 mares covered, the results of 292 are reported by the Revenue officers, and are generally confirmed by the inspections of the Deputy Superintendent, Civil Veterinary Department. Fifty-four foaled, 32 aborted and the remaining 206, or 71 per cent., proved empty (*vide* Appendix III). Of the 54 foals dropped to 14 stallions, 12 were contributed by stallion Agha alone. The successful coverings during this year are only 17 per cent. against 26 of the previous year. Success attended 24 per cent. of the total coverings in Coimbatore, 6 per cent. in Salem and 28 per cent. in Madura. This poor result is ascribed, as usual, to the bad condition of the mares, owing to neglect and ill-treatment by their owners. The reports of the recent shows, held at Tiruppúr and Berikai, show that the produce of the Government stallions was generally of good quality in Coimbatore, but poor in Salem.

6. *Mule-breeding.*—Of the four donkey-stallions—two Persian and two Punjabi—which were purchased in 1895–96, one Persian and one Punjabi were kept at Hosúr in the Salem District, and the other two were stationed at Kollegál in the north of the Coimbatore District. Work was not begun till the end of the hot weather, after which, 36 coverings were effected in Coimbatore and 28 in Salem. Of the 36 mares covered in the former district, 10 belonged to Mr. Holmes, a coffee planter, at whose instance the experiment was started. The small extent to which the donkey-stallions have been used is not referred to by the Collector of Coimbatore, but the Collector of Salem attributes it to the deep-rooted popular prejudice against these animals as being unclean, and also to the illness of one of the stallions. Time, and the handsome rewards which are offered for the exhibition of mule-foals will, it may be hoped, gradually overcome this prejudice; and meanwhile, the beginning made is far from discouraging.

7. *Cattle-diseases.*—During the year under review, there were serious outbreaks of cattle-disease in the districts of Bellary, Anantapur, Nellore, Chingleput, South Arcot, North Arcot, Salem and Coimbatore. Local investigations were made in several cases by Stock Inspectors, but nothing appears to have been done in this direction by either the Superintendent or his Deputy. A report of the results of the investigations seems to have been forwarded to the Assistant Inspector-General, Civil Veterinary Department. Copy of the report should have been communicated to the Board, in accordance with paragraph 7 (4) of Board's Proceedings, No. 10, dated 16th January 1895.

8. The extraordinary cattle mortality from unspecified diseases reported in 1895 and 1896 for Gódávari, Kistna and the Deccan districts was investigated by two of the Stock Inspectors. The results of the investigation showed that the mortality from such diseases was enormously swelled by the inclusion under the head "other diseases" of numerous deaths from Rinderpest, Anthrax and sundry diseases for which separate headings are provided in the Village Cattle Mortality Register, as well as from natural

decay, accidents, &c., which should not have been brought to account at all. Deaths from epizootic diseases, like Rinderpest and Anthrax, appear to be frequently entered by the village officers under the head "all other diseases," partly to save the trouble of submitting the periodical reports which are required when epizootic disease is prevalent, partly, no doubt, from inability to diagnose symptoms, and partly from ignorance of the vernacular terms used to designate the diseases given in the headings of the Village Cattle Mortality Register. With a view to remove excuse for this third cause of error, the Collectors of all districts will be requested to make careful enquiry and enumerate the vernacular words locally used to denote each of the diseases noted in the margin. The Superintendent, Civil Veterinary Department, will also be requested to instruct the Stock Inspectors to ascertain the same at an early opportunity, and to furnish the Board with the result of their enquiries.

Rinderpest.
Anthrax—
(*a*) Malignant sore throat.
(*b*) Quarter ill or evil.
Foot-and-mouth disease.
Variola.
Dysentery.

9. *Staff.*—Of the 13 Stock Inspectors in service at the beginning of the year, 6 were dispensed with in accordance with the directions contained in G.O., No. 3891, dated 29th September 1896, communicated to the Superintendent, Civil Veterinary Department, in Board's Proceedings, No. 273, dated 14th October 1896, while a clerk on Rs. 20 was added to the Superintendent's office establishment.

10. *General Remarks.*—Several entries in the abstract of cattle fairs attended by Stock Inspectors are misleading. It was not in connection with any cattle fair that Stock Inspector M. Hassen Ali Sahib was deputed to Madura for preventing the spread of Glanders and Farcy, nor that Stock Inspector Moses Abraham was sent to Salem for preventing the spread of Anthrax. Under the head "Epizootics that prevailed," hoven or tympanitis, exhaustion, dysentery, diarrhœa, parturition, sprain, paralysis, &c., have been entered. Such inaccuracies should, in future, be avoided.

11. A full account of the cattle in the five districts selected for Bacteriological survey, as desired in paragraph 9 of Board's Proceedings, No. 176, dated 27th July 1896, does not appear to have been prepared as yet. The Superintendent's attention is therefore drawn to the matter.

12. Notwithstanding the Board's remark in paragraph 3 of its Proceedings, No. 176, dated 24th July 1896, the Superintendent has not used the latest revised figures in column 13 of the statement at the head of paragraph 14 of his report read above.

13. In obedience to the Government of India circular, communicated in G.O., No. 2455, dated 14th May 1897, the Board submits that arrangements have been made to forward, in future, to the Inspector-General, Civil Veterinary Department, the annual report of the Civil Veterinary Department on the 1st June.

(True Copy and Extract).

Famine Secretary.

To the Secretary to Government, Revenue Department.
" Inspector-General, Civil Veterinary Department.
" Superintendent, Civil Veterinary Department.
Copy to all Collectors.
" to the Director of Public Instruction.

Exd. T. K. Narayana Aiyangar.

APPENDIX I.

COMPARATIVE statement of the number of mares covered by Government stallions during five years ending 1896-97.

	Stallions.	Mares covered. 1892-93.	1893-94.	1894-95.	1895-96.	1896-97.	Remarks.
	Coimbatore.						
1	Parfait Amour	50	51	54	36	29	Sold 23rd January 1897.
2	Sultan	50	67	31	28	30	
3	Agha	59	60	48	60	60	
4	Rajah	..	15	53	36	33	Received August 1893.
5	Nawab	..	13	40	38	..	Died 9th June 1896.
6	Abdulla *	..	..	..	9	37	Transferred from Salem, January 1896.
9	Mistrust	..	..	17	15	..	Received May 1894 and died November 1895.
10	Bahadur	..	..	9	..	..	Received May 1894 and sold in March 1895.
11	Parel	..	..	29	33	51	Received May 1894.
16	Max	..	..	..	4	22	Received January 1896.
17	Hector	..	..	..	4	34	Do.
18	The Baby	..	..	..	4	29	Do.
	Total ..	159	206	281	267	328	
	Salem.						
6	Abdulla	60	50	51	26	..	Transferred to Coimbatore, January 1896.
7	Carbon	8	67	51	50	51	Received January 1893.
8	Ranger	..	60	52	25	..	Received July 1893 and sold February 1896.
12	No name	..	..	20	..	..	Received May 1894 and sold May 1895.
13	Sunshine	..	..	..	12	43	Arrived January 1896.
14	Phœnix	..	..	..	10	34	Do.
	Three others	120	32	..	..	..	All sold prior to December 1893.
19	Nile	..	..	..	..	..	Arrived from Bombay 17th December 1896.
20	Tigris	..	..	..	..	..	Do. do.
21	Euphrates	..	..	..	..	..	Do. do.
	Total ..	188	209	174	123	128	
	Madura.						
15	Selim	..	..	..	8	14	Arrived January 1896.
	Grand Total ..	347	415	455	398	470	
	Average per stallion for 12 stallions that worked for the whole year.	..	..	..	..	36·8	

	Coimbatore.	DONKEY STALLIONS.					
2	Shimroli, P.	..	..	..	..	19	Commenced work in June 1896.
3	Kachora, C. B. ..	..	..	..	..	17	Commenced work in June 1896.
	Total ..	..	..	..	..	36	
	Salem.						
1	Mohra, P.	..	..	..	..	9	Do. do.
4	Angoor, C.B.	..	..	..	..	19	Do. do.
	Total ..	..	..	..	..	28	
	Grand Total ..	..	..	..	..	64	

APPENDIX II.

STATEMENT showing the average maximum and minimum height of the mares covered during 1896-97.

	Stallions.	Number of mares covered per stallion.	Height of mares covered in hands and inches. Average.	Maximum.	Minimum.	Height of stallions.	Remarks.
	Coimbatore.		H. IN.	H. IN.	H. IN.	H. IN.	
1	Parfait Amour	29	12 3	13 2	12 0	14 0	
2	Sultan	30	13 ¾	14 1	12 2	14 0	
3	Agha	60	12 3¾	14 0	12 1	14 0	
4	Rajah	33	12 3¾	14 0	12 1	14 1	
6	Abdulla	27	13 0	14 0	12 1	14 0	
11	Parel	54	12 2¾	13 3	11 2½	13 1½	
16	Max	22	11 4	12 3	11 2	13 1½	
17	Hector	34	12 1	13 0	12 0	13 1	
18	The Baby	29	12 2¼	13 2	12 0	13 2	
	Salem.						
7	Carbon	51	12 0	13 2	11 ¾	13 1½	
13	Sunshine	43	11 3½	13 1½	11 ¾	13 1	
14	Phœnix	34	12 ½	13 3	11 0	13 1½	
19	Nile	..	..	..	..	13 2¼	
20	Tigris	..	..	..	..	13 2¼	
21	Euphrates	..	..	..	..	13 2¼	
	Madura.						
15	Selim	14	*	*	*	13 2	
	Coimbatore.	DONKEY STALLIONS.					
2	Shimroli	19	11 3	15 0	11 0	12 1½	
3	Kachora	17	11 3	12 1	11 0	12 1¾	
	Salem.						
1	Mohra	9	*	*	*	12 2	
4	Angoor	19	*	*	*	11 ½	

* Not reported.

APPENDIX III.

STATEMENT of the results of the coverings made in 1895-96.

	Stallions.	Mares covered. Total.	Results not known.	Remainder.	Mares foaled. Number.	Percentage.*	Mares aborted.	Mares empty. Number.	Percentage.*
	Coimbatore.								
1	Parfait Amour ..	36	10	26	8	30	3	15	58
2	Sultan	28	(a) 8	20	5	25	..	15	75
3	Agha	60	6	54	12	22	4	38	70
4	Rajah	36	(b) 9	27	6	23	4	17	65
5	Nawab	38	12	26	9	34	3	14	54
6	Abdulla	9	2	7	1	14	..	6	86
9	Mistrust	15	4	11	3	27	..	8	73
11	Parel	33	15	18	2	11	5	11	61
16	Max	4	1	3	1	33	..	2	67
17	Hector	4	1	3	..	..	2	1	33
18	The Baby ..	4	1	3	..	..	..	3	100
	Total ..	267	69	198	47	24	21	130	65
	Salem.								
6	Abdulla	26	(c) 8	18	..	..	4	14	78
7	Carbon	50	(d) 16	34	2	6	4	28	82
8	Ranger	25	2	23	1	4	1	21	91
13	Sunshine	12	(e) 7	5	1	20	..	4	80
14	Phœnix	10	(f) 3	7	1	14	1	5	71
	Total ..	123	36	87	5	6	10	72	83
	Madura.								
15	Selim	8	(g) 1	7	2	28	1	4	57
	Grand Total ..	398	106	292	54	18	32	206	71

* On known results.

(a) includes five mares in foal; (b), (c), (d), (e), (f) and (g) include one mare in foal each.
The figures are revised in accordance with a statement since received.

APPENDIX IV.

COMPARATIVE statement of the work done and results obtained in breeding horses and ponies in Madras and other Provinces.

Particulars.	Years.	Madras.				Other Provinces.			
		Salem.	Coimbatore.	Madura.	Total.	North-Western Provinces and Oudh.	North Panjab.	South Panjab.	Deccan.
1	2	3	4	5	6	7	8	9	10
Mares covered per stallion ..	1893-94	59	59	..	59·0	36·14	52·47	46·41	30·60
	1894-95	44	35	..	38·0	39·0	52·73	44·09	33·25
	1895-96	25	24	8	24·9	45·3	48·2	54·4	32·65
	1896-97	36	21	14	29·4	..	..	..	..
Produce foaled per stallion ..	1893-94	6·0	8·6	..	7·4	8·7	18·11	13·74	9·47
	1894-95	3·0	8·5	..	6·6	9·73	15·8	12·0	11·35
	1895-96	1·0	4·3	2·0	2·8	..	..	..	..
Percentage of produce foaled to mares covered.	1893-94	16·0	27·0	..	21·5	24·0	34·5	29·6	30·9
	1894-95	14·0	31·0	..	26·2	25·0	30·0	27·2	34·1
	1895-96	6·0	24·0	28·0	17·0	..	..	..	..

APPENDIX V.

STATEMENT showing particulars of charges incurred on pony-breeding operations during 1896-97 and since their commencement in 1884 up to the end of the year under report.

Items.	During 1896-97.				
	Coimbatore.	Salem.	Madura.	At head-quarters and undistributable.	Total.
1	2	3	4	5	6
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Establishments	207 12 6	785 6 0	..	..	993 2 6
Feeding charges, &c.	3,022 6 8	1,127 1 9	283 10 9	..	4,433 3 2
Petty construction and repairs	80 11 10	36 14 0	6 13 8	..	124 7 6
Rewards for castration	75 15 6	327 13 9	..	..	403 13 3
Purchase of stallions	...	..	..	1,769 9 0	1,769 9 0
Miscellaneous	..	..	..	2 13 0	2 13 0
Total ..	3,386 14 6	2,277 3 6	290 8 5	1,772 6 0	7,727 0 5

Items.	Total charges under each head from 1884-85 to 1896-97.					
	Coimbatore.	Salem.	Nilgiris.	Madura.	At head-quarters and undistributable.	Total.
	7	8	9	10	11	12
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Establishments	3,551 8 3	6,221 12 0	1,393 0 0	..	..	11,166 4 3
Feeding charges, &c. ..	16,625 14 4	14,412 15 4	1,413 0 11	283 10 9	53 15 4	32,789 8 8
Petty construction and repairs.	653 14 11	928 5 9	124 11 6	6 13 8	..	1,713 13 10
Rewards for castration ..	1,536 0 6	929 11 2	..	..	..	2,465 11 8
Purchase of stallions ..	..	600 0 0	..	..	16,824 15 1	17,424 15 1
Miscellaneous	314 8 8	71 11 5	..	..	774 3 5	1,160 7 6
Total ..	22,681 14 8	23,164 7 8	2,930 12 5	290 8 5	17,653 1 10	66,720 13 0

STATEMENT showing particulars of charges incurred on [illegible]e-breeding operations during 1896-97.

Items.	Coimbatore.	Salem.	At head-quarters and undistributable	Total.
	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.
Feeding charges	450 1 10	811 5 3	..	1,261 7 1
Stabling charges	..	67 8 0	..	67 8 0
Purchase of jacks	..	..	532 0 0	532 0 0
Prize at shows	..	..	..	..
Fees for first 40 foals	..	..	..	..
Total ..	450 1 10	878 13 3	532 0 0	1,860 15 1

The Hon'ble Mr. J. Eyre C.I.E.

Revenue Department.

Read G. O. No. 8702 of 1897.

Order No. 814 of 27th Septr. 1897.

With the foregoing proceed- links the Board of Revenue submits the Superintendent's report on the Admin- stration of the Civil Veterinary Dep- ment for the year 1896-97 and the re- ports forwarded by the Collectors of Ootacamund, Salem and the Sub-Collecto Madura on the results of the Pony an Mule breeding operations carried on their districts during the same per

2 As in last year, the Board's Co- cedings was received in the Covern Office on the 8th of August, more t month after its due date. The Govern ment notes from para 18 of the G.O. in future, arrangements will be ta forward the report to the Inspector General, Civ Veterinary Department, on the 1st J It is presumed that in the present an advance copy of the report has sent to the Inspector General as re ed in G.O. No. 2445 Vis., dated 1 1897.

3 It is observed that the Depu -ent's report incorporates those Collectors. It is unnecessary, of su to print the tables received during the to print the tables received during the future, they should be omitted. 1895-96, the tot ing taken that was effected durin

suggestions contained therein are
ly noticed in the Superintendent's
port. In fact, it would seem suffi-
ient for the Collectors to send the
uperintendent memoranda for inclu-
ion in the report instead of elabo-
ate letters as at present.

4 During the year under review ~~[illegible]~~ the constitution of the subordinate Veterinary staff was under the consideration of the Govt. It was found

~~[illegible]~~ aff of Veterinary assistance has
~~[illegible]~~ mainly for local fairs, certain
~~[illegible]~~ by this Government have ar-
~~[illegible]~~ that such a scheme for uniting
~~[illegible]~~ the wants of this Presidency and
that a staff of 7 inspectors in addi-
tion to the Deputy Superintendent was
sufficient for the investigation of
cattle diseases and the superintend-
ence of pony and mule breeding opera-
tions. In accordance with this deci-
sion the staff of Stock Inspectors
has during the year reduced from thir
teen to seven. There was no other
change in the personnel of the depart
ment during the year under review.

5 Vety- Lt. Clerk who was in charge
of the Department during the whole of
the year spent 124 out of 314 days in
camp and though this does not come up
to the standard since fixed by Govt.,
compares favourably with the num-
ber spent by him in touring in

9

Vide sds Appendix I.
The stallions that worked throughout the year & were not sick were

Name	Coverings
Sultan	30
Agha	60
Abdulla	37
Parel	54
Arch	36
Baby	29
Carbon	51
Sunshine	63
Phoenix	36
9	372

experiment in Madura has proved a
ure. Perhaps it would have been mor
-cessful had a more suitable selecti
been made than Selim who is 13-2 har
the new stallions, Nile, Tigris and
phrates, all exceeded 13-2 hands. Th
attention of the Superintendent is c
to decision opinion expressed by the
spector General in his letter read in
.P. 6670 Mis., dated 6th Decr. 1895
that the mares of Salem should be ser
ved by stallions under 13-2 and he sho
report the reason why larger animals
selected.

7 The Government regrets to note t
the illness of some of the stallions
due to insufficient exercise and want
care. The Superintendent should pay
sonal attention to this matter and s
-fy himself during his visits that th
instructions are being properly carri
out, excluding the two stallions who
were ill and Selim, who obviously had
suitable work in Madura, the remaini
9 stallions effected 372 coverings w
give an average of 41.3 as against 3
in the previous year. The results so
far cannot therefore be admitted to
been very unsatisfactory and compare
favourably with those of other Provi
except the South Punjab.

8 The following statement compares
the percentage, in known cases, of suc
-ful coverings effected during the
years 1894-95 and 1895-96, the tota
number of coverings effected durin

years having been 455 and 308 respectively and the number the results which were known 301 and 282 respectively.

	Stallions.	Percentage of successful coverings made in 1894-95.	Percentage of successful coverings made in 1895-96.
Coimbatore.	Parafait Amour	18	30
	Sultan	46	25
	Agha	43	22
	Rajah	21	23
	Nawab	44	34
	Abdulla	+	14
	Mistrust	13	27
	Bahadur	0	+
	Parel	21	11
	Max	+	33
	Hector	+	0
	The Baby	+	0
	Total for the District.	31	24
Salem.	Abdulla	12	0
	Carbon	13	6
	Ranger	12	4
	Sunshine	+	20
	Phoenix	+	14
	No name	33	+
	Total for the District	14	6
Madura	Selim	+	28
Grand Total		26	18

+ Did not work during the year.

While the percentage of the known results to the coverings effected remained almost the same during the two years, that of successful coverings fell from 26 in 1894-95 to 18 in 1895-6 and the unsatisfactory results of the latter year have as usual been attributed to the apparent failure of

operations in the Salem District. The discouraging result is as in previous years reported to be due to the poor feeding and bad treatment of the mares served, to promiscuous intercourse with country stallion tats, and to want of care on the part of the salaustries in allowing their animals to cover mares out of season.

9 The first cause is probably more operative in Salem than in Coimbatore owing to the fact that the greater number of the mare-owners in the latter district are professional pony breeders whose obvious interest it is to care for the animal The Government hopes, however, that the code of rules issued by the Sub Collector of Salem for the guidance of owners will bear fruit in time. All salaustries should be strictly instructed to instil these rules into the minds of owners.

10 The only remedy for the country stallion tat evil is the extension of castration operations. In Salem 148 ponies were castrated in the year against 134 in the previous year, a result due chiefly to the excellent arrangements made by the Sub Collector. In Coimbatore on the other hand the number of ponies castrated was only 17 against 98 the previous year. For this the Tahsildars of Coimbatore and Erode are chiefly to blame and the Government notes their apathy with displeasure.

11 The Deputy Superintendent should carefully supervise the salaustries

ve promptly punished any salustry who
e detected allowing his animals to cover
ares out of season. promptly punished

12 Pony shows.

Two pony shows were held during the year - one at Tiruppur in the Coimbatore District in May 1898 and another at Perikai in Salem in December 1898. The show at Tiruppur was as usual a decided success while that at Perikai clearly established the fact that the previous failures in Salem were in a great measure due to the unsuitableness of the localities selected. From the large number of exhibits produced and the interest displayed by the people it is to be hoped that future shows at the same place will result in continued improvement.

13 Mule breeding.

Four donkey stallions were employed - two in Coimbatore and two in Salem during the year under review and, notwithstanding the illness of one of the stallions, the deep-rooted popular prejudice against the undertaking and the fact that work was commenced late in the year, the number of mares covered was 64. The Government agrees with the Board in considering that the beginning is far from discouraging and trusts that every endeavour will be made by the officers concerned to remove the popular prejudice in the matter.

14 Cattle disease.

The Government approves of the

It is upsetting that there was "overlapping" outbreaks this it is submitted, may mean anything or nothing

Is it true that famine relief works are being reduced the Inspectors employed on famine duty should be withdrawn to their head quarters to ensure work without delay

instructions issued by the Board in ras 7 & 8 of its Proceedings. In fu reports the Superintendent is request to state whether the Stock Inspectors have been able to give any help to th ryots in the treatment and management of the cattle and whether such help has been sought for. The Government hopes that the present Superintendent will de vote more time to personal investigations than his predecessor did.

13. The total expenditure of the Department during the year under review was Rs. 40,595 - 4 - 2 as against Rs. 39,448 - 11 - 8 in the previous year. Of the former amount Rs. 7727 - 3 - 5 and Rs. 1860 - 15 - 1 represented charges incurred on account of pony and mule breeding operations respectively the corresponding figures for 1895-96 being Rs. 8220 - 0 - 5 and 4s. 1966 - 9 - 1 respectively.

The increase occurred mainly under the heads "Pay" and "Travelling allowance" and was chiefly due to the increased pay and allowances to which by the term of their service the Deputy Superintendent and Stock Inspectors (the reduction of whose number was given effect to only in February last) became eligible during the year. The figures for 1895-96 as furnished in that year's report do not however agree with those given in the Civil budget estimates wherein the actual expenditure of the Department for the year is shown as Rs. 37,8

s the cause of the discrepancy should be explained and it should also be reported whether the revision of the figures has affected the totals given in Appendix V to the Board's Proceedings.

The following minor discrepancies are noticed:---

(1) In para 4 of the Superintendent's report the height of the stallion while is shown as $15-2\frac{1}{2}$ while in para 6 and in Appendix II to the B.P. it is given as $15-2\frac{1}{4}$.

(2) In para 7 of the report the Superintendent gives the number of mares covered by Atoulla in 1895-96 in the Coimbatore district as 25. This figure includes the work done by the stallion in the Salem district also and the matter should have been expressly noticed or the method adopted by the Board in Appendix I to its Proceedings followed.

(3) The totals given in the second and the last columns of the statement attached to para 37 of the Superintendent's report are all wrong. In the second column, the figures shown total up to 24028-0-6 (and not 24028-8-9). In the last column the correct total against "Stock Inspectors (18)" is 1736 17355-8-0 (and not 17388-0-8), that against "Office establishments" is 1184-11-6 (instead of 1184-11-6) and the grand total should be 31007/4/3 (instead of 31007-11-6).

(4) The total charges on account

of mule breeding in Salem is shown as Rs. 811 - 5- 8 in the Sub Collector's letter and Rs. 811-5 / 8 in Appendix V to the B.P.

(5) The mistake pointed out in para 8 (5) of G.O. No. 414 dated 19th August 1896 is repeated in para 4 of the B.P.

(6) In line 7 para 5 of the B.P. the figure "17" is evidently a mistake for "18"(vide Appendix III to the B.P.)

It is also observed that the figures in most of the columns of the statement attached to para 21 of the Superintendent's report have not been totalled up.

14 8.97 15/9/97

Bds. 18-10-97

To all The Dept Reg. (Nos. 1 & 2) & Educational Accts. in G.O. 414 of 19-8-96

" I.G. Civil Vet. Accts. & Medical Stores

" Accts of Adjutant General, Madras Command

Copy to the Court of Wards, Rev. & Agricultural Accts.

Note:---

The Despatcher will also see that copies are sent to the addresses marked in the list sent with the G.I. circular 9/75 dated 16-4-94 as subsequently amended.

Government {1897} of Madras.

REVENUE.

Recd. } 1897. Enclosures
Regd. } Spare copies

G.O., Nos. 814, 814A, 27th September 1897.

SEPTEMBER.

Annual Report of the Superintendent, Civil Veterinary Department.

Reviewing the — for 1896–97.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

Read—the following Proceedings of the Board of Revenue (Revenue Settlement, Land Records and Agriculture), dated 3rd July 1897, No. 484 :—

Read—the following letter from Veterinary Lieutenant W. B. EDWARDS, Superintendent, Civil Veterinary Department, to the Secretary to the Commissioner of Revenue Settlement, and Director of the Department of Land Records and Agriculture, dated Madras, 1st June 1897, No. 547 :—

I have the honour to submit herewith a report on the work done by this department during the official year 1896–97.

2. Veterinary Lieutenant A. E. Clarke was in charge until 22nd April 1897, on which date I took charge and he reverted to Military service.

A.—Pony-breeding.

3. There were at work at the beginning of the year ten stallions in Coimbatore district—

	HEIGHT.
1. Parfait Amour	14-0
2. Sultan	14-0
3. Agha	14-0
4. Rajah	14-1
5. Nawab	13-2
6. Abdulla	14-0
11. Parel	13-1½
16. Max	13-1½
17. Hector	13-1
18. The Baby	13-2

Of the above, No. 5 Nawab died on the 8th June 1896 of strangulated Hernia. No. 1 Parfait Amour having been found unfit for further service was sold. Thus there were eight stallions at the close of the year. Stallion No. 15 Selim from Dindigul, Madura district, and Carbon and Phœnix from Salem district have been since transferred to this district; first named for want of sufficient work and the other two being found too large for the mares of the Salem district.

Of the four jacks purchased at the close of the last year, two (Shimrole and Kachora) are stationed at Kollegal. Thus there are at present eleven stallions and two jacks in the district.

4. At Hosúr, Salem district, there were three stallions at the commencement of the year, viz.—

	HEIGHT.
No. 7 Carbon	13-1½
No. 13 Sunshine	13-1
No. 14 Phœnix	13-1½

To these were added three newly-purchased stallions in December last, viz. —

	HEIGHT.
No. 19 Nile	13-2½
No. 20 Tigris	13-2¼
No. 21 Euphrates	13-2¼

Of these, Carbon and Phœnix were since transferred to Coimbatore as stated above. Two donkey stallions (Mohra and Angoor) were placed at Hosúr. Thus there are at present four pony and two donkey stallions at Hosúr.

5. The pony-breeding operations which were extended to Madura district only last year were suspended at the close of the year for want of sufficient work.

6. The following are the stations of pony and donkey stallions in Coimbatore and Salem districts :—

Coimbatore district

		HEIGHT.
Erode	2. Sultan	14-0
	18. The Baby	13-2
Dhárápuram	4. Rajah	14-1
	17. Hector	13-1
Kangayam	6. Abdulla	14-0
	16. Max	13-1⅓
Coimbatore	14. Phœnix	13-1⅓
Kollegal	7. Carbon	13-1⅓
Aravakurchi	3. Agha	14-0
Karúr	15. Selim	13-2
Pollachi	11. Parel	13-1½
	Donkey stallions.	
Kollegal	2. Shimroli, P.	12-1⅓
	3. Kachora, C. B.	12-1¾

Salem district.

		HEIGHT.
Hosúr	13. Sunshine	13-1
	19. Nile	13-2½
	20. Tigris	13-2¼
	21. Euphrates	13-2¼
	Donkey stallions.	
Hosúr	1. Mohra, P.	12-2
	4. Angoor, C. B.	11-0⅛

7. The following statement will show the work turned out by the stallions :—

No.	Name of stallions.	Number of coverings during 1895–96.	Number of coverings during 1896–97.	Remarks.
	Coimbatore District.			
	Pony stallions.			
1	Parfait Amour, 14-0	36	29	Sold 23rd January 1897.
2	Sultan 14-0	28	30	
3	Agha 14-0	60	60	
4	Rajah 14-1	36	33	
5	Nawab 13-2	38	..	Died 9th June 1896.
11	Parel, 13-1½	33	54	
6	Abdulla 14-0	35	37	
16	Max 13-1½	4	22	
17	Hector 13-1	4	34	
18	The Baby 13-2	4	29	
	Donkey stallions.			
2	Shimroli P. 12-1⅓	..	19	Commenced work in June 1896.
3	Kachora C. B. 12-1¾	..	17	Commenced work in June 1896.
	Salem District.			
7	Carbon 13-1½	50	51	
14	Phœnix 13-1½	10	34	
13	Sunshine 13-1	12	43	
19	Nile 13-2½	..	..	Arrived from Bombay 17th Dec. 1896.
20	Tigris 13-2¼	..	..	Do.
21	Euphrates 13-2¼	..	..	Do.
	Donkey stallions.			
1	Mohra P. 12-2	..	9	Commenced work in June 1896.
4	Angoor C.B. 11-0⅛	..	19	Commenced work in June 1896.
	Madura District.			
15	Selim 13-2	8	14	

8. None of the stallions, except Agha in Aravakurchi, Coimbatore district, had its full complement of the mares, in the year under report, as well as in the previous year. In Coimbatore, Sultan covered 2 more, Rajah 3 less, Parel 21 more, and Abdulla 2 more, than in the previous year. The short work of Rajah and Max was due to their illness.

9. At Salem there is a decided increase in the number of coverings by three old stallions; but the new stallions which arrived there in January last have done no work. One of these stallions was ill at Bangalore for some time, but nothing is known as to why the other two were not given work.

10. In Dindigul, Madura district, No. 15 Selim covered only fourteen mares during the year against eight in the previous year.

11. On the whole, the number of coverings effected during the year is not satisfactory. I have no idea of the districts personally, but, I think, if the Revenue Officials take interest in the undertaking, the coverings should be more satisfactory. It is hoped that they will endeavour to make this year more successful.

12. Now, regarding the coverings of donkey stallions, it is observed that the two jacks stationed at Kollegal covered in all 36 mares, 10 of which were contributed by Mr. Holmes, on whose initiation the industry was undertaken. It is said that most of his mares are in foal. Considering the deep-rooted prejudice of the people against the service of jacks in these countries, the number of coverings is satisfactory. In the face of the interest taken by Mr. Holmes, the prejudice of the natives is likely to wear off before long and better results may be expected in the nearest future.

13. In Salem only 28 mares were covered by the two stallions, 9 by Mohra and 19 by Angoor. The short work of former was due to the fact that the animal was now and again ill. In this district, too, there appears to exist strong prejudice against the service of the animals. Every endeavour will be made by the officers of this department and the Revenue officials to overcome their prejudice by holding out hopes of rewards in the case of successful coverings. While at Tiruppúr, during the late pony show, I induced several owners of brood mares to get them covered by jacks, and a few were covered in my presence.

14. The following is the statement showing the results of coverings in Coimbatore district during the year 1895–96 :—

No.	Name of stallions.	Number of coverings during 1895–96.	Deduct mares.				Mares remaining.	Results known.			Percentage on results obtained during	
			Died.	Sold and untraceable.	Not reported and doubtful	Total of columns 4, 5 and 6.		Foaled.	Aborted.	Empty.	1895–96 on columns 8 and 9.	1894–95.
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Parfait Amour	36	2	8	1	11	25	7	3	15	28	19
2	Sultan	28	1	1	18	20	8	..	..	8	..	46
3	Agha	60	2	4	..	6	54	12	4	38	22	45
4	Rajah	36	1	8	1	10	26	6	3	17	23	18
5	Nawab	38	1	11	..	12	26	9	3	14	34	42
6	Abdulla	9	..	2	..	2	7	1	..	6	14	12
9	Mistrust	15	1	3	..	4	11	3	..	8	27	13
11	Parel	33	1	14	..	15	18	2	5	11	11	21
16	Max	4	..	1	..	1	3	1	..	2	33	..
17	Hector	4	..	1	..	1	3	..	2	1	..	..
18	The Baby	4	..	..	4	4	..	..	..	..	..	..
	Total ..	267	9	53	24	86	181	41	20	120	23	30

From the above it will be observed, that out of 267 coverings by 11 stallions against 272 coverings by 7 stallions, 9 mares died, 53 sold and untraceable, 24 not reported and doubtful, in all 86, of which results are not known. Of the 181 coverings in which results are known, only 41 were successful, viz., 23 per cent. as against 30 per cent. of the last year and 27 per cent. of 1893–94, 20 aborted and 120 empty. Of the 41 foals dropped, 22 are colts and the rest fillies. Two colts are reported to have died and the rest of the foals to be in good condition. The work turned out by the stallions during the year taken as a whole is not satisfactory, except that turned out by stallion Agha both as to number of coverings and results.

15. The following is the statement showing the results of coverings in Salem district during 1895–96 :—

No.	Name of stallions.	Number of coverings during 1895–96.	Deduct mares.							Mares remaining.	Results known.			Percentage on results obtained during	
			Died.	Sold.	Whereabouts not known.	Results not reported.	In foal.	Total columns 4 to 8.			Foaled.	Aborted.	Empty.	1895–96 on columns 10 & 11	1894–95.
1	2	3	4	5	6	7	8	9		10	11	12	13	14	15
6	Abdulla	26	..	4	3	..	1	8		18	..	4	14	..	12
7	Carbon	50	1	7	4	3	1	16		34	2	4	28	6	13
8	Ranger	25	..	..	1	1	..	2		23	1	1	21	4	12
14	Phœnix	10	1	1	..	..	1	3		7	1	1	5	14	..
13	Sunshine	12	1	..	2	3	1	7		5	1	..	4	20	..
	Total ..	123	3	12	10	7	4	36		87	5	10	72	6	14

From the above it would appear, that out of 123 coverings by 5 stallions against 174 of the previous year by 4 stallions, 3 mares died, 12 sold, 17 not reported and doubtful, 4 in foal, leaving a balance of 87 mares of which results are known, 5 foaled against 11 of the previous year, of which 2 are colts and 3 fillies, 10 aborted and 72 empty against 11 and 58, respectively, during the previous year.

16. The following is the statement of results in Madura district during 1895–96 :—

No.	Name of stallion.	Number of coverings during 1895–96.	Deduct mares.			Mares remaining.	Results known.			Percentage on results obtained during	
			Not reported and doubtful.	Total.			Foaled.	Aborted.	Empty.	1895–96 on columns 5 & 6.	1894–95.
1	2	3	4	5		6	7	8	9	10	11
15	Selim	8	1	1		7	2	1	4	28	..

As to the results of Madura district, of the 8 coverings effected during the year, one is not reported and doubtful, leaving a balance of 7 in which results are known. Of which 2 foaled, 1 aborted and 4 empty.

The results of coverings during 1895–96, taken as a whole, are not satisfactory, and this may be probably due to the poor condition of the mares covered and subsequent neglect of the owners both as to their feeding and care. It may also, to a great measure, be due to the covering being effected out of season, which is the chief point for success and this will be impressed on the minds of the salustries and the officers in charge of the stallions. Detailed instructions as to feeding and general management of brood mares and foals, and those with foal at foot and also rearing of young stock have been issued in Tamil as well as English to the owners of ponies for guidance—*vide* Appendix No. 1.

17. *Health and condition of stallions.*—Though some were ill during the year, the majority were in good condition. The illness in some cases was due to insufficient exercise and want of proper care; detailed instructions (*vide* Appendix No. 2) have been issued to the officers in charge of stallions regarding their care and treatment.

18. The stallions were allowed rest as usual during April and May.

19. *Castration Operations.*—The establishment consisted of two salustries and two pupil salustries at Salem and one at Coimbatore as in the previous year. One hundred and seventy-one ponies were castrated at Hosúr against 134 in the previous year and this is satisfactory. In Coimbatore only 17 ponies were castrated against 98 of the previous year and these were in Coimbatore, Erode and Bhaváni taluks. The short work of the salustry was due to the fact that he was on leave for three months and he was also told off to Kollegal to attend on stallion Max for some time. It is also reported by the Collector that sufficient work was not found for him owing to the paucity of pony entires in the taluks concerned. In Coimbatore there appear to be more ponies than at Hosúr sub-division, but the owners appear to be averse to castration of their animals. If Revenue officials, by virtue of influence, induce the ryots to take their animals to the taluk head-quarters, where salustry will be working, better results can be expected as in Kollegal taluk during last year and Salem this year. It is requested that instructions may be issued on this point.

20. Mr. Mannas, Deputy Superintendent, continues to be in charge of Salem, Coimbatore and Dindigul, but from the beginning of the year, he was relieved of his charge of Salem district and Kollegal taluk of the Coimbatore district, which is nearer to Salem than Coimbatore for the purpose of supervision, and Stock Inspector M. Hassen Ali Sahib was put in charge of that work in addition to his own duty of Bacteriological survey.

21. The subjoined statement will show the results of coverings checked by these officers.

Statement showing the results of coverings checked by the Deputy Superintendent, Civil Veterinary Department, during the year 1896-97.

District.	Number and name of stallion.	Actually inspected. Foaled. 1894-95.	Foaled. 1895-96.	Foaled. 1896-97.	In foal. 1894-95.	In foal. 1895-96.	In foal. 1896-97.	Empty. 1894-95.	Empty. 1895-96.	Empty. 1896-97.	Doubtful. 1894-96.	Doubtful. 1895-96.	Doubtful. 1896-97.	Aborted. 1894-95.	Aborted. 1895-96.	Aborted. 1896-97.	Total.	Information obtained. Sold. 1894-95.	Sold. 1895-96.	Sold. 1896-97.	Died. 1894-95.	Died. 1895-96.	Died. 1896-97.	Whereabouts not known. 1894-95.	Whereabouts not known. 1895-96.	Whereabouts not known. 1896-97.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
Coimbatore	No. 1. Parfait Amour	1	7	..	..	1	1	2	16	..	..	..	..	..	2	..	30	..	6	..	..	1	..	..	2	..	8
	,, 2. Sultan	5	4	..	..	1	2	1	14	..	..	..	..	..	1	..	28	1	9	..	..	1	..	..	1	..	13
	,, 3. Agha	4	9	..	..	1	3	1	23	1	..	..	..	..	3	..	48	..	10	2	..	2	1	..	..	..	15
	,, 4. Rajah	1	4	..	..	2	4	4	13	..	..	..	..	..	2	..	33	..	9	..	..	1	1	..	..	..	11
	,, 5. Nawab	..	3	..	..	..	..	..	17	1	..	..	..	..	1	..	22	..	4	..	..	1	1	..	1	..	7
	,, 6. Abdulla	..	3	..	..	..	2	5	23	..	..	..	..	..	1	..	34	..	6	..	..	..	..	..	1	..	7
	,, 9. Mistrust	..	..	..	..	1	3	1	6	3	..	..	..	..	1	..	8	..	2	..	..	2	..	..	1	..	5
	,, 11. Farel	..	2	..	..	..	2	..	12	..	..	..	..	..	3	..	23	..	2	..	..	1	..	..	..	..	3
	,, 16. Max	..	1	..	..	..	2	..	2	1	..	..	..	..	..	..	5	..	1	..	..	..	..	..	..	..	1
	,, 17. Hector	..	..	..	..	..	6	..	2	1	..	..	..	..	..	..	8	..	..	..	..	..	..	..	..	..	..
	,, 18. Baby	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..
	,, 2. Shimroli	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3	..	..	1	..	..	..	..	5
	,, 3. Kashmir	..	..	..	..	1	..	..	21	..	..	..	..	..	..	..	22	..	1	..	..	..	..	..	..	..	1
	No. 7. Carbon	..	4	..	..	..	..	5	16	..	..	..	..	..	..	..	25	..	3	..	..	1	..	..	..	..	4
	,, 8. Ranger	1	..	..	..	..	..	4	1	..	..	..	..	..	..	..	6	..	1	..	..	..	..	..	..	..	1
	,, 12. No name	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..
Salem ...	,, 13. Sunshine	..	..	..	..	..	..	..	6	1	..	..	..	..	..	..	7	..	..	..	..	..	..	..	..	..	..
	,, 14. Phœnix	..	..	..	..	4	4	..	6	..	..	..	..	..	..	..	14	..	1	..	..	..	..	..	..	..	1
	,, 1. Mohra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
	,, 4. Angoor	..	..	..	..	..	1	..	2	..	..	..	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..
Madura ..	No. 15. Salim	..	2	..	..	..	..	..	2	..	..	..	..	..	..	..	4	..	..	..	..	..	..	..	..	..	..
	Total ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
		12	52	..	..	14	38	23	183	8	..	..	..	..	16	..	335	1	56	2	..	13	4	..	6	..	82

Statement showing the results of coverings checked by Stock Inspector M. Hassen Ali Sahib, Civil Veterinary Department, during the year 1896-97.

District.	No.	Number and name of stallion.	Actually inspected. Information obtained. Foaled.						In foal.			Empty.			Doubtful.			Aborted.			Total.	Whereabouts not known.			Died.			Sold.			Total.
			1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.		1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	1894-95.	1895-96.	1896-97.	
			3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28			
Coimbatore	No. 6.	Abdulla																												
	„ 11.	Parel		1																										
	No. 7.	Carbon																												
Salem	„ 8.	Ranger																												
	„ 12.	No name																												
	„ 13.	Sunshine																												
	„ 14.	Phœnix																												
		Total																												

It would appear from the above statements, that the Deputy Superintendents checked in all the results of 439 coverings against 325 of the previous year, of which 335 were actually inspected and the rest from second-hand information. Stock Inspector, M. Hassen Ali Sahib, checked during the months of January, February and March 1897, the results of 86 coverings, of which 50 were actually inspected by him and 36 from second-hand information. The results reported by these officers were verified with those reported by the Collectors and found in most instances to be correct.

22. The following is the statement of charges incurred during 1896-97 on behalf of pony and mule breeding operations :—

Statement of Charges incurred during 1896-97 on behalf of Pony-breeding operations.

Items.	Coimbatore.	Salem.	Madura.	At Head-quarters and undistributable.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Establishment	207 12 6	785 6 0	..	..	993 2 6
Feeding charges	3,022 6 8	1,127 1 9	283 10 9	..	4,433 3 2
Petty construction and repairs.	80 11 10	36 14 0	6 13 8	..	124 7 6
Keep of ponies whilst under castration.	75 15 6	327 13 9	..	..	403 13 3
Purchase of stallions ..	..	..	..	1,769 9 0	1,769 9 0
Miscellaneous	..	..	..	2 13 0	2 13 0
Total ..	3,386 14 6	2,277 3 6	290 8 5	1,772 6 0	7,727 0 5

Statement of Charges incurred during 1896-97 on behalf of Mule-breeding operations.

Items.	Coimbatore.	Salem.	Madura.	At Head-quarters and undistributable.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Feeding charges	450 1 10	811 5 3	..	..	1,261 7 1
Stabling do.	..	67 8 0	..	..	67 8 0
Purchase of jacks	..	..	..	532 0 0	532 0 0
Prize at shows	..	..	..	..	..
Fees for first 40 foals ..	..	..	..	..	..
Total ..	450 1 10	878 13 3	..	532 0 0	1,860 15 1

B.-II.—Cattle Disease Investigation.

23. The same Inspectors continued to be in charge of circles with slight changes, and were directed to conduct Bacteriological survey afresh in the light of instructions received from the Assistant to the Inspector-General, Civil Veterinary Department, according to which the Inspectors were required to visit each village, collect and submit information in a form prescribed for the purpose, with their tri-monthly diaries.

The following will show the names of the taluks surveyed by the Inspectors and the number of villages in each of these taluks :—

Name of Inspector.	Circle.	Taluk.	Number of villages.	Number of villages surveyed.
M. Venkataramana Sastry ..	7th Vellore ..	Vellore	151	57
		Wandiwash	285	24
		Wallajah	252	27
		Arcot	261	10
Moses Abraham	4th Salem	Salem	397	138
R. Kanniah Naidu	8th Erode	Erode	210	197
G. Rungiah Naidu	6th Chittoor ..	Chandragiri	97	49
		Satyamangalam	146	40
K. Sethu Row	10th Coimbatore ..	Coimbatore	260	16
		Hosûr	450	65
M. Hassen Ali Sahib	5th Tiruppattûr ..	Dhârâpuram	86	83
E. K. Santaya	9th Kangayam ..			

Salem taluk in 4th circle, Erode taluk in 8th circle, and Dhárápuram taluk in 9th circle appear to have been completely surveyed before the close of the year, and the abstract of information collected by them has been received, but the maps, indicating the areas liable to invasion of the several diseases, have not been received, owing to their departure before the close of the year on famine and cattle fair duty. Stock Inspector, K. Padmanabhaya, continued to be on special duty to enquire into the mortality of cattle from unspecified causes in the Ceded Districts, until he was discharged from service in February last. Stock Inspector, V. Seethamber Devoo, completed investigation of "Iduga" in Kolair lake and was since deputed to enquire into the causes of mortality from unspecified diseases in Gódávari, as per B.P., Mis. No. 1650, dated 31st March 1896, where he continued until he was told off for famine duty at the close of the year. The report of the work done by the first-named officer has been duly submitted to the Board, but that of the second has not been done yet, as he does not appear to have completed his enquiries in that district.

24. The outbreak of Rinderpest in the Anantapur and Bellary districts, Quarter-ill, Rinderpest, Foot-and-mouth disease and the diseases known as *Thullu novu* in sheep and *Cocoo novu* in goats (Pneumonia) in the Coimbatore district, Anthrax in Hosúr taluk, malignant sore throat in the Chingleput taluk, Rinderpest in the Ponnéri, Conjeeveram, Madurántakam and Saidapet taluks in the Chingleput district, Rinderpest and Anthrax in Chandragiri, Rinderpest, Epizootic Aphtha and Anthrax in Wallajah, Epizootic Aphtha in Arni, Rinderpest and Epizootic Aphtha in Arcot, Rinderpest and Anthrax in Wandiwash, taluks of the North Arcot district, Anthrax in the Vriddháchalam taluk of South Arcot district and Anthrax in Nellore were investigated by the several Stock Inspectors, and the reports submitted by these officers have been duly forwarded to the Assistant to the Inspector-General, Civil Veterinary Department. The noteworthy fact elicited in course of enquiry in Hosúr taluk was that four Pariahs who ate the flesh of the animals reported to have died of Anthrax became ill, two died of fever and swellings, and the other two were still ill, who were subsequently examined by a medical officer and he diagnosed the cases otherwise. In the Dhárápuram taluk what is called *Thullu novu* was investigated by two Stock Inspectors, one of the Inspectors, B. K. Santaya, diagnoses it as Braxy, while the other Stock Inspector Hassen Ali Sahib as Louping-ill. From the fact that the death is sudden and the disease not associated with ticks, which are considered to be the chief medium of inoculation, I am afraid that the disease might be other than Louping-ill, a disease seldom known or heard of in this Presidency, yet, whether it is Braxy, as stated by the other Inspector, or otherwise, remains to be investigated, and an attempt will be made in that direction during the current year.

25. Major-General Morgan's method of treatment of Rinderpest by raw broth of the beef of animals, that died of the disease, was tried under the orders of the Superintendent by Stock Inspectors, V. P. Subramania Mudaliar, M. Venkataramana Sastry, and B. K. Santaya. Venkataramana Sastry treated six, of which three died and three recovered. Subramania Mudaliar treated seven, of which four died, three recovered. Santaya treated 25, of which two died and 23 recovered. The chief point to be attended to in the preparation of the broth appears to consist in the use of water, the temperature of which is not such as to coagulate albumen, thereby securing a proper dose of antitoxin for inoculation and its administration in the early stage of the disease. The results attained are not discouraging. Further trials will be given to alleged antidote as opportunities occur in course of the year and the results duly reported.

26. Now, as to the work done by the Head-quarter Stock Inspector, it appears from the records, that he was for the most part engaged in attending cattle fairs held in the Presidency, where Act II of 1866 was introduced.

27. In addition to the work of investigation of Epizootics and Bacteriological survey of taluks, the Inspectors have visited several cattle pounds and examined several registers of cattle mortality maintained in the villages. From the remarks of the Stock Inspectors, it would appear, that the register is not a reliable record of the diseases prevailing among live stock. In many cases it is nothing but a *nil* record, and wherever an attempt is made to register cattle mortality, the deaths from several diseases were chiefly entered by the village officers under the heading of "all other

diseases", partly to save the trouble of submitting the periodical reports to the taluks and partly from ignorance of the names adopted to indicate the diseases in several columns, the names not being popular in the district; hence appears the heavy mortality shown under "unspecified diseases" which necessitated the employment of two Stock Inspectors in the Ceded Districts and Gódávari during the year. The 9th circle Inspector states, in his report for the year, that the village officials of the taluk he surveyed, viz., Dhárápuram, in most instances the village officers were ignorant of the names by which the several diseases were indicated in the register. For instance, Rinderpest is known in other Tamil districts as *Vekkai*, whereas it is called *Ammai novu or Alaree novu* in Coimbatore, and the word *Vekkai* sounds Greek in their ears; similarly Foot-and-mouth disease, which is known elsewhere, as *Comari*, is known in that district by *Váichappai and Kálkattai*. It is therefore highly desirable that the local names should be adopted in the register so as to ensure proper entries being made in the respective columns. It is also stated by that Inspector that in the Manual in Tamil issued to village officers, chapter, "Cattle Diseases," *Comari* is put down for Rinderpest, whereas in many districts it represents Foot-and-mouth disease; and the Quarter-ill is entered under the head of Anthrax, Charbon instead of Charbon symptomatic which is a distinct disease of itself. It is therefore suggested that this chapter in the Village Manual, which is liable to mislead the public officials, may be corrected wherever necessary.

C.—Cattle-Breeding.

28. There is no cattle-breeding carried on by the Government in this Presidency nor are there any cattle shows held. Several annual cattle fairs are held in the Presidency (*vide* enclosure No. 3) most of which were visited by the subordinates of the Department during the year. The Act II of 1866 was also extended to Avanasi and Tiruppúr in Coimbatore, Kalugumalai and Tiruchendur in Tinnevelly during the current year.

29. The weekly markets, held in the circles, have been, as far as possible, attended by the Inspectors concerned (*vide* appendix No. 4). The reports, submitted by the Inspectors thereon, were duly forwarded to the Assistant to the Inspector-General, Civil Veterinary Department.

D.—Veterinary Instructions.

30. I have nothing more to say than what is recorded in the last year's annual report on this head. Instructions are awaited as to opening a Veterinary class in connection with the Agricultural College for the provision of the subordinate Veterinary staff in this Presidency.

31. The strength of the Department was as follows:—

In course of the year, the services of six of the Stock Inspectors, who were found unfit for promotion to the Inspecting grade, were dispensed with, under G.O., Mis. No. 3891, dated 29th September 1896. Thus there were at the close of the year—

Superintendent	1
Deputy Superintendent	1
Stock Inspectors	7
Clerks	2
Peons	4

32. Two Stock Inspectors, viz., Rungiah Naidu and Seethamber Devoo, were promoted to the grade of Rs. 100 on passing the required examination. Of these, the first-named was one of those that were discharged.

E.—General.

33. The places visited by my predecessor during the official year under report were Dhárápuram, Aravakurchi, Pollachi, Erode, Karúr, Kangayam, Coimbatore, Tiruppúr and Méttupálaiyam of the Coimbatore district, Dindigul and Madura of the Madura district, Kumbakónam of the Tanjore district, Dharmapuri, Berikai, Hosúr, Mattagiri of the Salem district, Bellary and Hospet of the Bellary district, and Bangalore.

34. Two pony shows were held during the year—one at Tiruppúr, Coimbatore district, in May 1896 and another at Berikai in December last in Salem district. Both were visited by him as ex-Officio member of, and Secretary to, the Committee of Judges, and the reports of the Judging Committee thereon were duly submitted to the Board.

35. Miles travelled by my predecessor—

		MILES.
1. By rail	... ...	7,273½
2 By road	... ...	803

36. The number of days spent by him at head-quarters were 179 and on tour 135. He remained at Ooty for 41 days with the permission of the Commissioner. He was also on casual leave for 10 days during the year.

37. The following is the statement showing the actual charges incurred during the year:—

Statement showing the actual charges incurred during the official year 1896–97.

Items.	Pay.	Travelling allowance.	Contingencies.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Superintendent, Civil Vety. Department	7,451 11 0	..	646 15 9	646 15 9
Do. do. house-rent ..	600 0 0	947 14 0		8,999 9 0
Deputy Superintendent do.	1,990 0 0	861 6 0	49 2 0	2,900 8 0
Stock Inspectors (13)	13,030 0 0	4,089 9 6	215 14 6	17,336 0 3
Office establishment	954 5 6	170 6 0	..	1,134 11 6
Total ..	24,026 8 9	6,069 3 6	912 0 3	31,007 12 6

38. *Office work.*—An assistant to the only clerk, on Rs. 20 and an increment of Rs. 10 to the head clerk's pay were sanctioned during the year. When I took charge of the office, I was told by my predecessor that there was no work in arrears.

39. At present four Inspectors, out of seven remaining, are on famine duty. It is not known for how long they will be so occupied. It is respectfully requested that they may be ordered back to their respective circles at an early opportunity.

40. Cattle mortality will be separately reviewed, as the statistics received for the last quarter is not complete.

Enclosure No. 1.

Abstract of Cattle Fairs attended by Stock Inspectors during 1896–97.

Duration of the enforcement of Act II of 1866.	Place. District.	Place. Taluk.	Place. Village.	Number of cattle exhibited.	Epizootics that prevailed.	Number of animals Impounded.	Number of animals Discharged.	Number of animals Cured.	Number of animals Died.	Cases of prosecutions under Act II of 1866. Number.	Cases of prosecutions under Act II of 1866. Result.	Stock Inspector that attended the fair.	Remarks.
1896.													
For six months, from 3rd March 1896.	Madura ..	Dindigal ..	....	..	....	..	..	..	..	..	..	M. Hassen Ali Sahib.	Cattle Disease Act enforced on account of glanders and farcy.
		Palni ..											
	Salem ..	Periyakulam ..	Adamankottah.	6,050	Epizootic aphtha.	4	..	..	..	..	..	Moses Abraham ..	Some traders, who usually visit the fair from Puleode, Coimbatore, and make purchases in lots, were absent this year; hence the market was dull.
1st to 7th April 1896.	Tinnevelly ..	Dharmapuri ..	Sivalaperi ..	25,000								V. P. Subramania Mudaliar.	
For one month, from 1st April 1896.		Tinnevelly ..											
					Epizootic aphtha.	16	..	24	..	..	..	M. Hassen Ali Sahib.	
For one month, from 21st April 1896.	Madura ..	Madura ..	Madura ..	26,366	Hoven	6	..						
					Anthrax	2	..						
27th April to 11th May 1896 ..	North Arcot ..	Punganur division.	Punganur ..	19,960	Tympanitis	1	..	..	1	..	..	G. Rungiah Nayudu.	One case of dislocation at one of the dorsal vertebræ, the animal was sold to a butcher.
					Epizootic aphtha.	2	..	2	1	..	..	M. Hassen Ali Sahib.	
For one month, from 15th May 1896.	Tinnevelly ..	Srivaikuntam ..	Alwartirunagiri.	8,143	Anthrax	1	..						
					Epizootic aphtha.	2	..	2	..	..	..	V. P. Subramania Mudaliar.	
For one month, from 30th May 1896.	Do. ..	Satur ..	Kamaicheri ..	20,000									
					Epizootic aphtha.	3	..	3	..	..	..	Do.	
For one month, from 30th June 1896.	Do. ..	Do. ..	Muthulapuram.	18,000									
					Nil.	..	..	..	..	..	..	Do.	
For one month, from 14th July 1896.	Do. ..	Sankaranáyinárkóyil.	Sankaranáyinárkóyil.	3,500									
			Mathagiri ..										
			Pallikondapalli.										
			Belagondapalli.		....	..	..	..	..	..	..		
For three months, from 21st July 1896.	Salem ..	Hosúr ..	Konamur ..										
			Poonapálli ..										
			Jagur ..	2,500	*Nil.*	..	..	..	..	..	..		
For one month, from 1st October 1896.	Tinnevelly ..	Tinnevelly ..	Palamcottah ..	26,000									
					Foot-and-mouth disease.	64	2	53	11	1	The accused was fined 4 annas.	B. K. Santaya.	
For one month, from 4th November 1896.	South Arcot ..	Tiruvannámalai.	Tiruvannámalai.	26,000			3						
					Hoven	..	5	..	..	..	..		
20th November to 10th December 1896.	South Canara.	Uppinangádi ..	Kukkee ..	33,000	Exhaustion	..	..	..	..	..	..		
					Nil.	..	..	..	..	..	..		
16th to 24th December 1896 ..	Salem ..	Hosúr ..	Berikai ..	5,000	Parturition	..	..	..	..	..	..	M. Hassen Ali Sahib.	
					Diarrhœa	..	..	..	..	..	..		
1897.					Spasm	..	..	..	..	..	..		
					Hoven	..	..	..	2	..	..	K. Seshu Rau.	
10th January to 10th February 1897.	Tinnevelly ..	Ettiyapuram estate.	Kalugumalai ..	6,000	Exhaustion	..	..	..	..	..	..		
					Paralysis	..	..	..	..	..	..		

Abstract of the Cattle Fairs attended by Stock Inspectors during 1896-97—*cont.*

Duration of the enforcement of Act II of 1866.	Place. District.	Taluk.	Village.	Number of cattle exhibited.	Epizootics that prevailed.	Number of animals Impounded.	Discharged. Cured.	Discharged. Died.	Cases of prosecutions under Act II of 1866. Number.	Cases of prosecutions under Act II of 1866. Result.	Stock Inspector that attended the fair.	Remarks.
1897.												
From 16th February 1897, 6 days.	Salem ..	Salem ..	Mecheri ..	3,000	No outbreaks ..	..	..	..	..	..	Moses Abraham ..	There was not a good collection as usual. The fair was reduced to ⅔ to that of the previous year, owing to the Mamangam feast held simultaneously at Kumbakónam and partly to a false rumour of the prevalence of cholera.
From 11th February to 23rd February 1897.	Tinnevelly ..	Srivaikuntam ..	Tiruchendúr ..	4,222	Diarrhœa .. / Dysentery .. / Sprain .. / Parturition .. / Rinderpest ..	1	..	1	..	..	K. Sethu Rau ..	The cattle-pound was leaky, though strongly built, which should be guarded against, for, it would tell seriously on the health of the in-patients. The pound should be fenced to keep away stray animals.
From 17th February to 27th February 1897.	Tanjore ..	Kumbakónam ..	Neerathanallur.	4,858	Epizootic aphtha (Foot Lesions.)	7	7	..	..	..	V. P. Subramania Mudaliar. *	* The arrangements of the fair were very satisfactory.
From 15th March to 28th March 1897.	Tinnevelly ..	Ottappidáram ..	Kalugumalai ..	15,000	Epizootic aphtha.	1	1	..	..	..	Do.	
From 20th March to 25th March 1897.	North Arcot.	Kangundi division.	Rallabudugur ..	3,000	....	..	..	..	..	..	Moses Abraham.	Not many good specimens of cattle in the fair.
From 21st March 1897, 10 days.	Salem ..	Dharmapuri ..	Adamancottah.	4,000 (apx.)	Hoven ..	5	4	1	..	..	M. Hassen Ali Sahib.	
1896.	The Act was not introduced in the following fairs.											
25th to 29th April 1896 ..	Coimbatore ..	Palladam ..	Avanasi ..	5,300	*Nil.*	..	..	..	..	..	K. Sethu Rau.	
Do. do. ..	Do. ..	Do. ..	Do. ..	5,300	....	..	..	..	..	..	C. Viswanatha Iyer.	
For 3 days from 4th to 6th May 1896.	South Arcot.	Kothaty ..	Chidambaram ..	980	....	..		..	..	..	C. Chokalingam Pillai.	
27th to 31st May 1896 ..	Coimbatore ..	Palladam ..	Tiruppúr ..	5,000	....	..	..	..	..	..	C. Viswanatha Iyer.	Epizootic aphtha was prevailing among few of the cattle which were advised to be kept off.
5th to 8th August 1896 ..	Do. ..	Bhavání ..	Sankarampaliam.	4,000	....	..	..	..	..	..	R. Kanniah Naidu.	The fair is known as Gurunathaswami fair.
4 days from 3rd November 1896.	Do. ..	Kollegal ..	Madeswaram hills.	500	....	..	..	..	..	..	K. Sethu Rau.	
1897.												
Four days from 19th January 1897.	Salem ..	Tiruchengódu ..	Kallipatty ..	2,000	....	..	..	..	..	..	Moses Abraham.	

Enclosure No. 2.

Statement showing the weekly cattle markets visited by Stock Inspectors.

Districts.	Taluks.	Villages.	Days of the week.	Duration of the market.	Average number of cattle exhibited.	Breeds of cattle exhibited.	Date of Stock Inspector's visit.	Stock Inspector that visited.
Coimbatore ..	Dhárápuram ..	Dhárápuram ..	Tuesday ..	One day.	670	Kángayam and local breed ..	21st April 1896 ..	C. Viswanatha Iyer.
	Coimbatore ..	Annoor	Saturday ..	Do.	285	Alambady, Khunkhanhalli and country breed.	23rd May ,, ..	K. Sethu Rau.
	Satyamangalam ..	Siruvallur ..	Tuesday ..	Do.	450	Country breed and Mádéswaram hills ..	14th July ,, ..	
	Do. ..	Modachur ..	Saturday ..	Do.	120	Country	18th ,, ,, ..	
	Coimbatore ..	Annoor	Do. ..	Do.	100	Do.	1st August 1896 ..	
	Do. ..	Tudyalur ..	Monday ..	Do.	285	Country and hill breeds	3rd ,, ,, ..	
	Dhárápuram ..	Dhárápuram ..	Tuesday ..	Do.	1,580	Kángayam and country breed ..	8th September 1896.	
	Do. ..	Mulanur ..	Wednesday ..	Do.	331	Do. do. ..	30th ,, ,,	B. K. Santaya.
	Do. ..	Dhárápuram ..	Tuesday ..	Do.	1,070	Kángayam and mixed breed	6th October 1896 ..	
	Satyamangalam ..	Punjai Pulliambatti.	Thursday ..	Do.	270	Country breed and Mádéswaram hills ..	7th January 1897 ..	K. Sethu Rau.
	Erode	Sivagiri ..	Friday	Six hours.	310	Local breed and Kanganad breed ..	22nd ,, ,, ..	R. Kanniah Naidu.
	Dhárápuram ..	Dhárápuram ..	Tuesday ..	Ten hours.	715	Kángayam and local breed	2nd February 1897.	B. K. Santaya.
	Erode	Erode	Thursday ..	Six hours.	257	Local breed	4th ,, ,,	R. Kanniah Naidu.
	Do.	Perundurai ..	Sunday ..	Do.	300	Do.	7th ,, ,,	Do.
	Do.	Kumathoor ..	Monday ..	Eight hrs.	360	Local breed and a few Baragar breed ..	8th ,, ,,	Do.
	Wallajah	Ránipéttai ..	Friday and Saturday.	Two days.	377	Western Kolar, mixed and local diminutive.	19th June 1896 ..	M. Venkataramana Sastry.
North Arcot	Do.	Do.	Do. do. ..	Do.	491	Do. do.	24th July ,, ..	Do.
	Judiyáttam ..	Gudiyáttam ..	Tuesday ..	Do.	255	Mysores and local	15th December 1896.	G. Rungiah Naidu.

Read—also the following letter from HERBERT BRADLEY, Esq., Collector of Coimbatore, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture (through the Superintendent, Civil Veterinary Department, Madras), dated 29th April 1897, Dis. No. 1484-Rev.:—

I have the honour to submit my report on the pony and mule breeding and castration operations in the Coimbatore district for the last official year 1896–97 and on the results of the coverings effected in the previous year 1895–96.

2. *Pony-breeding operations.*—At the commencement of the year, there were ten stallions, viz., No. 1 Parfait Amour, No. 2 Sultan, No. 3 Agha, No. 4 Rajah, No. 5 Nawab, No. 6 Abdulla, No. 11 Parel, No. 16 Max, No. 17 Hector, and No. 18 Baby available for work. Stallion No. 5 Nawab died on 8th June 1896. At the end of May 1896, the covering operations began just after the resting season of the year. No. 6. Abdulla was transferred from Palladam to Kangayam in place of Nawab, and stallion No. 16 Max was sent to Kollegal instead of Parel as per letter of the Superintendent, Civil Veterinary Department, No. 213, dated 4th March 1896. The last was posted to Pollachi. Stallion No. 1 Parfait Amour was sent to Madras on 11th January last to be sold by public auction, as decided by the Board in its Proceedings, Mis. No. 6439, dated 11th December 1896, referred to in the letter of the Superintendent, Civil Veterinary Department, No. 1448, of 19th December 1896.

3. The number of mares covered by each of the above nine stallions during the year is given in detail in the accompanying statement:—

Consecutive number.	Name of stallion.	Total number of mares covered during the year.	Places of covering with number.		Taluk whence mares came with their number.		Total number of mares covered during 1895–96.
1	Parfait Amour.	29	Kangayam	29	Erode	1	
					Palladam	4	
					Dhárápuram	23	
					Karúr	1	
						29	36
2	Sultan ..	30	Tiruppúr	1	Erode	22	
			Erode	29	Dhárápuram	3	
					Satyamangalam	1	
				30	Karúr	1	
					Coimbatore	1	
					Námakkal	1	
					Tiruchengódu	1	
						30	28
3	Agha ..	60	Aravakurichi	60	Karúr	40	
					Dhárápuram	11	
					Dindigul	6	
					Palni	3	
						60	60
4	Rajah ..	33	Tiruppúr	1	Coimbatore	1	
			Dhárápuram	32	Dhárápuram	27	
					Erode	1	
				33	Palni	3	
					Dindigul	1	
						33	36
6	Abdulla ..	37	Coimbatore	1	Coimbatore	1	
			Tiruppúr	1	Udamalpet	1	
			Kangayam	35	Dhárápuram	25	
					Erode	4	
				37	Palladam	3	
					Karúr	3	
						37	9

Consecutive number.	Name of stallion.	Total number of mares covered during the year.	Places of covering with number.		Taluk whence mares came with their number.		Total number of mares covered during 1895–96.
11	Parel ..	54	Coimbatore	1	Pollachi	44	
			Tiruppúr	2	Udamalpet	2	
			Pollachi	43	Palladam	6	
			Palladam	4	Coimbatore	1	
			Avanáshi	1	Erode	1	
			Anamalai	2			
			Udamalpet	1		54	33
				54			
16	Max ..	22	Kollegal	22	Kollegal	18	
					Chamarajnagar	1	
					Kankanhalli	2	
					Nanjangadal	1	
						22	4
17	Hector ..	34	Tiruppúr	1	Dhárápuram	29	
			Dhárápuram	33	Udamalpet	1	
					Pollachi	1	
				34	Erode	1	
					Palni	2	
						34	4
18	Baby ..	29	Tiruppúr	1	Karúr	1	
			Erode	28	Erode	24	
					Bhavání	2	
				29	Satyamangalam ..	1	
					Námakkal	1	
						29	4

4. None of the stallions except Agha had his full number of coverings in the year under report as in the preceding one. Stallions Nos. 1 and 4 covered only 29 and 33 mares, respectively, or 7 and 3 mares less than in the previous year. Parfait Amour was at work only for seven months against ten. The decrease in the work of Sultan, Rajah, Abdulla, Hector and the Baby was due to the fact that the people were not willing to send their mares for covering in the months of June and July, as, owing to want of fodder, the mares were weak and emaciated and there were difficulties in procuring fodder for the journey. The work done by Sultan, however, shows a slight increase above last year's figures. The short work turned out by the stallions Rajah and Max may be attributed to their illness. The latter stallion was allowed rest for two months after his recovery from horse syphilis, and had no work in February and March as people exhibited a marked disinclination to put their mares to him, ever since his illness.

5. *Mule-breeding operations.*—Two donkey stallions, viz., No. 597 Shimroli and No. 607 Kachora, arrived in the district in July 1896 and were stationed at Kollegal. Shimroli covered 19 mares during the year and Kachora 17. All of them belong to the Kollegal taluk except two mares covered by the latter stallion, of which one came from Chamrajnagar and the other from Chanthrayapatna in Mysore province. Ten of these 36 mares were brought by Mr. Hamilton Holmes, on whose initiation the industry was first started.

6. *Castration operations.*—Only 17 ponies were castrated during the year under report in the three taluks of Coimbatore, Erode and Bhaváni, against 98 in the previous year. The salustri was ordered in the beginning of the year to work under the Tahsildar of Coimbatore. This officer was not able to find sufficient work for him and the salustri obtained leave of absence for three months. On his return from leave, he was sent to Kollegal to attend on Max which was sick. As there was practically no more castration to be done by the salustri in that taluk, he was in November last directed to report himself to the Tahsildar of Erode for duty in that taluk. There, too, sufficient number of ponies was not procured for him, and in March 1897 he was sent to Bhaváni taluk at his own request. Orders have been issued to

the Tahsildar of the last taluk to keep the salustri fully employed and get him to turn out adequate work. The people of the plains appear to be averse to bringing their ponies for castration. In addition to the paucity of pony entires for castration there was another reason for the short work of the salustri, namely, that, as already stated, he was sent to Kollegal to attend on the stallion Max, and to Kangayam at the time of the death of Nawab to hold a *post-mortem* examination upon this animal.

7. *Results of coverings in* 1895-96.—The results of coverings effected in 1895-96 are abstracted in the following statement, with reference to paragraph 5 of Board's Proceedings, No. 497 (Settlement), dated 1st December 1893 :—

Stallions.	Mares covered during 1895-96.	Deduct mares.				Mares remaining.	Mares that		Mares empty.	Remarks.
		Dead.	Sold and untraceable.	Results not reported and doubtful.	Total unknown		Foaled.	Aborted.		
1	2	3	4	5	6	7	8	9	10	11
Parfait Amour	36	2	8	..	10	26	8	3	15	The figures in column 5 include mares in foal thus— Sultan 5. Rajah 1.
Sultan	28	2	2	4	8	20	5	..	15	
Agha	60	2	4	..	6	54	12	4	38	
Rajah	36	1	8	..	9	27	6	4	17	
Nawab	38	1	11	..	12	26	9	3	14	
Abdulla	9	..	2	..	2	7	1	..	6	
Mistrust	15	1	3	..	4	11	3	..	8	
Parel	33	1	14	..	15	18	2	5	11	
Max	4	..	1	..	1	3	1	..	2	
Hector	4	..	1	..	1	3	..	2	1	
Baby	4	..	..	1	1	3	..	..	3	
Total ..	267	10	54	5	69	198	47	21	130	

8. The percentage of column 8 to column 7 in the above statement in the case of each stallion is as under :—

1. Parfait Amour	28
2. Sultan	...
3. Agha	22
4. Rajah	23
5. Nawab	34
6. Abdulla	14
9. Mistrust	27
11. Parel	11
16. Max	33
17. Hector	*Nil.*
18. Baby	*Nil.*

Taken as a whole only about 23 per cent. of the coverings were successful. This result is not satisfactory.

9. Of the 41 foals shown in column 8, 22 are colts and the remainder fillies. Two colts are reported to have died and the rest of the foals to be in good condition.

10. With regard to the results in the 24 cases entered in column 5 of the abstract above given, reports are awaited from some officers to whom strict reminders have been sent. On receipt of their reports a supplemental abstract will be submitted.

Read—also the following letter from R. H. CAMPBELL, Esq., Acting Sub-Collector, Hosúr, to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture in charge of the office of the Superintendent, Civil Veterinary Department (through the Collector of Salem), dated Salem, 12th April 1897, No. 968 :—

I have the honour to submit my report on the pony and mule breeding and castration operations in the Salem sub-division for the official year 1896-97 and on the results of coverings effected in 1895-96.

2. *Pony-breeding operations.*—The marginally-noted stallions were at work during the year under report. Three new stallions Euphrates, Tigris and Nile arrived at Hosúr during the latter part of the year, but no coverings were effected by them. All the three are to be permanently stationed here to work in the sub-division, and Carbon and Phœnix will be sent away to Kollegal to work there after the offseason is over—*vide* instructions conveyed in Superintendent's letter, No. 266, dated 9th March 1897.

7. Carbon. 13. Sunshine. 14. Phœnix.

3. The following statement shows in detail the number of mares covered by the three stallions Carbon, Phœnix and Sunshine during the year under report as compared with the figures of 1895-96 :—

Number and name of stallions.	Number of mares covered.		Remarks.
	1896-97.	1895-96.	
Carbon	51	50	Worked throughout both the years.
Phœnix	34	10	Received in January 1896.
Sunshine	43	12	
Abdulla	..	26	Removed to Coimbatore district in January 1896.
Ranger	..	25	Sold at Madras in January 1896.
Total ..	128	123	

From the above it will be seen, that 128 coverings were effected on the whole against 123 in the previous year. But the work cannot be called satisfactory, as none of the stallions had his full complement of coverings, viz., 60. Carbon was the only one which made an approach to the maximum number. Of the other two stallions, Phœnix is reported to be very slow in covering. This fact was brought to the notice of the Superintendent, Civil Veterinary Department, by the Taluk Sheristadar, Hosúr, during his visit here. The short coverings by the three stallions, may be accounted for, to some extent, by the fact, that the mule-breeding operations were carried on side by side with the pony-breeding and that fewer mares were, in consequence, available for pony-breeding purposes.

4. The number of brood mares in the Hosúr taluk, having been found insufficient for covering operations, the stallions were taken out into camp with me and my predecessors in office during our tours in the taluks of Krishnagiri and Dharmapuri in the marginally-noted months. Every endeavour was used to procure mares for service during these tours.

Carbon.
August, September, October, November and December 1896.
Sunshine.
February 1897.
Phœnix.
February and March 1897.

5. Appended is a statement giving particulars regarding the localities at which the coverings were effected and the taluk which contributed the mares covered :—

Number and name of stallions.	Total number of mares covered.	Places of covering and number covered.		Taluks which contributed mares.				
				Hosúr.	Krishnagiri.	Dharmapuri.	Coorg Province.	Total.
Carbon	51	Hosúr	22	21	..	..	1	22
		Krishnagiri	17	..	17	..	..	17
		Dharmapuri	12	..	..	12	..	12
Phœnix	34	Hosúr	22	21	..	1	..	22
		Krishnagiri	6	..	6	..	..	6
		Dharmapuri	7	..	..	7	..	7
Sunshine	43	Hosúr	33	32	1	..	..	33
		Krishnagiri	10	..	10	..	..	10
Total ..	128	Total ..	128	74	33	20	1	128

The subjoined statement shows the maximum, minimum and average height of the mares covered by the different stallions during the season :—

Stallions.	Number of mares covered by each stallion.	Height of mares covered.			Height of the stallion.
		Maximum.	Minimum.	Average.	
		H. I.	H. I.	H. I.	H. I.
Carbon	51	13 2	11 $\frac{3}{4}$	12 0	13 2
Sunshine	43	13 1$\frac{1}{2}$	11 $\frac{3}{4}$	11 3$\frac{1}{4}$	13 1
Phœnix	34	13 3	11 0	12 $\frac{1}{2}$	13 2

The average size of mares in this district was suitable for the three stallions working here.

6. All the mares covered during the year were country bred.

7. *Mule-breeding operations.*—These were started under the authority of Board's Proceedings, dated 13th September 1895, Mis. No. 4823. Of the four donkey stallions that arrived here during the year under report, two were removed to the Coimbatore district. Angoor and Mohra worked at Hosúr during the season and covered 19 and 9 mares, respectively. The small number of coverings effected was due to the popular prejudice against donkeys and to sickness on the part of Mohra. The marginally-noted dates show the period during which Mohra was sick. Endeavours are being made to overcome the popular prejudice by holding out hopes of reward in cases of successful coverings and to induce the people to take a real interest in the enterprise. But some time must elapse before people in these parts can shake off the deep-rooted prejudice which exists against the donkey as an unclean animal.

18th May to 8th June.
19th August to 25th August.
26th September to 5th October.
15th October to 22nd October.

8. *Castration operations.*—One hundred and forty-eight ponies were castrated during the year under report, against 134 in the previous year. The increase is due to the fact, that castration operations were carried on simultaneously at Hosúr, Krishnagiri and Dharmapuri under special arrangements made for the purpose. The salustries have been instructed to castrate more ponies during 1897–98, and it is hoped that good work will be turned out by them under the supervision of the Stock Inspector, who has recently been placed in charge of the pony and mule breeding operations of this district.

9. The results of the coverings made in the year 1895–96 are shown in the statement appended below :—

Number and name of stallion.	Cases of mares covered in 1895–96.	Deduct cases where results are known.					Remaining cases when results are known.						
		Died.	Sold.	Whereabouts not known.	Results not yet reported.	Total.	Empty.	Aborted.	Foaled.		In foal.	Total of columns 10 & 11.	Total.
									Colt.	Filly.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Abdulla	26	..	4	3	..	7	14	4	..	..	1	..	19
Carbon	50	1	7	4	3	15	28	4	1	1	1	2	35
Ranger	25	..	..	1	1	2	21	1	1	..	..	1	23
Phœnix	10	1	1	..	..	2	5	1	..	1	1	1	8
Sunshine	12	1	..	2	3	6	4	..	..	1	1	1	6
Total ..	123	3	12	10	7	32	72	10	2	3	4	5	91
Results of 1894–95 ..	174	6	13	15	52	86	58	11	7	4	7	4	88

The percentage of column 14 to columns 12 and 13 in respect of each stallion is as shown below :—

Abdulla	10·5
Carbon	8·5
Ranger	4·3
Sunshine	33·3
Phœnix	25·0

The results are not satisfactory. In as many as 72 cases out of 91, in which results are known, the coverings proved futile. The cause of emptiness in the case of the majority of crossed mares is due to the wretched condition of the mares covered and their neglect by their owners subsequent to covering. It is also possible, that mares are served without due examination, with the result, that the operation takes place at a time when they are not in season. The attention of the officers in charge of the stallions, more especially the salustries, needs to be drawn to this matter, and they should be instructed to note carefully, sexual condition of mares before putting them to the stallions.

Another cause which leads to the large number of unsuccessful coverings by the Government stallions, lies in the fact, that mares are allowed to mingle freely with country stallion tats both before and after they are covered by Government stallions. Such promiscuous intercourse does, I believe, immense mischief.

Poor feeding and bad treatment of brood mares by their owners is, I am sure, the principal cause of the poor results, which are reported year after year. A code of rules has been drawn and distributed to the owners for their guidance, and it is hoped, that the condition of the mares will be somewhat ameliorated in future years. But the fact really is, that no native in this part of the country, makes a profession of pony-breeding, or takes the least personal interest in it.

10. A statement showing the monthly cost incurred under the pony-breeding operations during the official year 1896–97 is appended :—

Month.	Particulars of cost.					
	Establishment charges.	Travelling allowance of salustries and pupils.	Charges for the upkeep of stallions.	Castration charges.	Petty construction and repairs.	Occasional charges, miscellaneous.	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
April	60 0 0	..	56 14 8	39 12 6	..	81 9 2	238 4 4
May	60 0 0	..	114 12 2	23 13 6	..	..	197 9 8
June	60 0 0	17 14 0	67 12 8	25 1 0	..	1 14 0	172 9 8
July	60 0 0	..	70 2 4	22 3 1	..	..	152 5 5
August	60 0 0	..	74 15 2	33 8 6	..	..	168 7 8
September	60 0 0	..	66 3 4	40 14 0	..	..	167 1 4
October	60 0 0	18 0 0	69 4 6	47 9 0	..	..	194 13 6
November	60 0 0	..	70 1 3	15 5 6	..	..	145 6 9
December	60 0 0	16 4 0	75 9 7	20 15 6	..	..	172 13 1
January	60 0 0	..	80 12 8	28 1 6	35 0 0	2 3 0	206 1 2
February	60 0 0	14 4 0	132 2 6	28 11 11	..	8 15 0	244 1 5
March	60 0 0	..	133 11 3	23 14 3	..	..	217 9 6
Total ..	719 0 0	66 6 0	1,012 6 1	349 14 3	35 0 0	94 9 2	2,277 3 6

11. The cost incurred on account of mule-breeding operations is as shown below :—

	Feeding, &c., charges.			Petty construction and repairs.		
	Rs.	A.	P.	Rs.	A.	P.
April	54	11	4			
May	89	4	4			
June	103	5	4			
July	98	9	0			
August	76	9	10			
September	48	6	1			
October	46	0	2			
November	54	4	8			
December	59	15	1			
January	68	1	6			
February	57	2	5			
March	54	15	5	67	8	0
Total ...	811	5	2	67	8	0

Endorsement by the Acting Collector of Salem, on Sub-Collector's letter, No. 968, dated 14th April 1897.

Submitted to the Board of Revenue (Revenue Settlement, Land Records and Agriculture).

2. From paragraph 5 of the report, it appears, that mares more than two hands less than the stallions have been allowed to be served contrary to the instructions contained in paragraph 4 of Board's Proceedings, dated 5th July 1895, No. 198. The Sub-Collector's attention will be drawn to the matter.

In 1895–96, 123 mares were covered, of these the results in 32 cases were said to be unknown, 72 were empty, 10 aborted, 5 foaled and 4 were in foal.

Read—also the following letter from M.R.Ry. P. VENKATASAWMY, Tahsildar, to the Sub-Collector, Madura, dated 3rd November 1896, Dis. No. 519 :—

With reference to R. C. No. 2616-G.C., dated 13th October 1896, I beg to state that on receipt of order R.C. No. 68-Gl., dated 17th January 1896, intimating the arrival of the Government stallion, I issued circulars to all Revenue Inspectors and the Deputy Tahsildars of Vedasandur and Nelakottai requesting them to issue orders to all village officers to the effect that mares of not less than 12 hands in height may be brought to Dindigul for being covered by the stallion. A circular was also issued on 1st February 1896 to all village munsifs to the above effect. A notice was also published in the town on 1st February 1896. This I have reported in my arzi, No. 155, dated 1st February 1896.

	Mares covered.
February 1896	5
March „	3
April „	...
May „	...
June „	2
July „	2
August „	1
September „	...

2. Out of the mares brought for service from February last, the marginally-noted number of mares were only selected according to the rules in force and were covered by the stallion. The months of April and May were period of resting season for the stallion.

3. Majority of mares in the cusbah and in the surrounding villages are under-sized and unfit to be covered by the stallion. Most of these that are fit have been covered. It is only in the villages of Vedasandur division which adjoins the Coimbatore district that there are persons who own mares and have them covered by the stallions for the purpose of profit. They take the mares to . . . places in the Coimbatore district (where there are stallions) as it is nearer to them. Such persons are few and far between here. Majority of the owners of the mares in the town are jutka drivers who live from hand to mouth and they have no means to live independently of their pony earnings.

4. These remarks account for short work during September also. Statement of mares covered during that month is herewith returned.

5. In these circumstances, I beg to suggest that the stallion may be sent to a better place.

Read—also the following letter from M.R.Ry. P. VENKATASAWMY, Tahsildar, to the Sub-Collector, Madura, dated 9th April 1897, No. 392 :—

Adverting to N.R.C. No. 888-Gl., dated 19th March 1897, I beg to submit herewith a statement for 1895–96 showing the result of mares covered by the Government stallion brought to Dindigul on 26th January 1896. It will be seen therefrom that more than half the number of the mares became empty.

2. Notices were caused to be published in villages, and all possible arrangements made to secure mares for being covered by the stallion and only fourteen mares have been covered during the year. The cause of short work has already been explained in my Dis. No. 419, dated 3rd November 1896. The result of the mares covered during the year 1896–97 cannot be furnished now, as the first covering was effected only from July last.

Enclosure No. 1.

Statement showing the result of mares covered by the Government stallion (15 Selim) at Dindigul during the year 1895–96.

Certificate number.	Date of covering.	Places.	Result.
1	7th February 1896 ..	Dindigul	Empty.
2	10th „ „ ..	Do.	Filly.
3	13th „ „ ..	Do.	Empty.
4	15th „ „ ..	Do.	In foal.
5	18th „ „ ..	Do.	Filly.
6	2nd March „ ..	Do.	Empty.
7	16th „ „ ..	Do.	Do.
8	31st „ „ ..	Do.	Aborted in December.

Endorsement by the Acting Sub-Collector of Madura, dated 16th April 1897, Dis. No. 888-Gl.

Forwarded to the Superintendent, Civil Veterinary Department, Madras, with reference to his letter, No. 292, dated 15th March 1897.

Resolution—dated 3rd July 1897, No. 484.

The annual report of the Superintendent, Civil Veterinary Department, will be submitted for the information of Government.

2. During the year under review, Veterinary-Lieutenant A. E. Clarke continued to be Superintendent of the Civil Veterinary Department till the 22nd April 1897, when he reverted to military service, and was succeeded by Veterinary-Lieutenant Edwards. Mr. Clarke spent 135 days on tour and 179 at head-quarters. Out of the latter period, he seems to have devoted 41 days to a course of 32 lectures and 9 classes at the College of Agriculture, Saidapet; to this, however, no reference has been made in the report read above.

3. *Pony-breeding.*—Of the 14 stallions that were at work at the commencement of the year, one died and another was sold. Three new stallions were purchased by the Inspector-General, Civil Veterinary Department, and added to the stock. Thus, at the close of the year, there were 15 stallions, of which 8 were stationed in Coimbatore, 6 in Salem, and 1 in Madura.

4. From Appendix I, it will be seen that the year under review shows the greatest number of coverings (470) made in the last five years. But the average number per stallion, working throughout the year, excluding the stallions which worked during part of the year only, is only 36·8 against 37·9 of the previous year. The short work is generally attributed, in Coimbatore, (1) to the disinclination of the people to send their mares to the stallions in June and July, the mares being in poor condition at that season, and there being a difficulty in procuring fodder where the journey to the covering station is a long one, (2) and to the illness of two stallions Rajah and Max; in Salem, to the competition of the donkey-stallions provided for mule-breeding; and in Madura, to the majority of mares being undersized and therefore unsuitable to the stallion Selim, which has since been transferred to the Coimbatore district. The reason assigned for the short work in Salem appears to be scarcely sound, as only 28 mares were covered by the donkey-stallions. It is observed that none of the three new stallions, which arrived in Salem on the 17th December 1896, has had any work. The Superintendent states that one of them was ill. But neither he nor the Collector has explained why the other two have not been used for a period of more than three months.

5. The results of the coverings in 1895–96 compare unfavourably with those of the preceding year. Out of 398 mares covered, the results of 292 are reported by the Revenue officers, and are generally confirmed by the inspections of the Deputy Superintendent, Civil Veterinary Department. Fifty-four foaled, 32 aborted and the remaining 206, or 71 per cent., proved empty (*vide* Appendix III). Of the 54 foals dropped to 14 stallions, 12 were contributed by stallion Agha alone. The successful coverings during this year are only 17 per cent. against 26 of the previous year. Success attended 24 per cent. of the total coverings in Coimbatore, 6 per cent. in Salem and 28 per cent. in Madura. This poor result is ascribed, as usual, to the bad condition of the mares, owing to neglect and ill-treatment by their owners. The reports of the recent shows, held at Tiruppúr and Berikai, show that the produce of the Government stallions was generally of good quality in Coimbatore, but poor in Salem.

6. *Mule-breeding.*—Of the four donkey-stallions—two Persian and two Punjabi—which were purchased in 1895–96, one Persian and one Punjabi were kept at Hosúr in the Salem district, and the other two were stationed at Kollegál in the north of the Coimbatore district. Work was not begun till the end of the hot weather, after which, 36 coverings were effected in Coimbatore and 28 in Salem. Of the 36 mares covered in the former district, 10 belonged to Mr. Holmes, a coffee planter, at whose instance the experiment was started. The small extent to which the donkey-stallions have been used is not referred to by the Collector of Coimbatore, but the Collector of Salem attributes it to the deep-rooted popular prejudice against these animals as being unclean, and also to the illness of one of the stallions. Time, and the handsome rewards which are offered for the exhibition of mule-foals will, it may be hoped, gradually overcome this prejudice; and meanwhile, the beginning made is far from discouraging.

7. *Cattle-diseases.*—During the year under review, there were serious outbreaks of cattle-disease in the districts of Bellary, Anantapur, Nellore, Chingleput, South Arcot, North Arcot, Salem and Coimbatore. Local investigations were made in several cases by Stock Inspectors, but nothing appears to have been done in this direction by either the Superintendent or his Deputy. A report of the results of the investigations seems to have been forwarded to the Assistant Inspector-General, Civil Veterinary Department. Copy of the report should have been communicated to the Board, in accordance with paragraph 7 (4) of Board's Proceedings, No. 10, dated 16th January 1895.

8. The extraordinary cattle mortality from unspecified diseases reported in 1895 and 1896 for Gódávari, Kistna and the Deccan districts was investigated by two of the Stock Inspectors. The results of the investigation showed that the mortality from such diseases was enormously swelled by the inclusion under the head "other diseases" of numerous deaths from Rinderpest, Anthrax and sundry diseases for which separate headings are provided in the Village Cattle Mortality Register, as well as from natural

decay, accidents, &c., which should not have been brought to account at all. Deaths from epizootic diseases, like Rinderpest and Anthrax, appear to be frequently entered by the village officers under the head "all other diseases," partly to save the trouble of submitting the periodical reports which are required when epizootic disease is prevalent, partly, no doubt, from inability to diagnose symptoms, and partly from ignorance of the vernacular terms used to designate the diseases given in the headings of the Village Cattle Mortality Register. With a view to remove excuse for this third cause of error, the Collectors of all districts will be requested to make careful enquiry and enumerate the vernacular words locally used to denote each of the diseases noted in the margin. The Superintendent, Civil Veterinary Department, will also be requested to instruct the Stock Inspectors to ascertain the same at an early opportunity, and to furnish the Board with the result of their enquiries.

Rinderpest.
Anthrax—
(*a*) Malignant sore throat.
(*b*) Quarter ill or evil.
Foot-and-mouth disease.
Variola.
Dysentery.

9. *Staff.*—Of the 13 Stock Inspectors in service at the beginning of the year, 6 were dispensed with in accordance with the directions contained in G.O., No. 3891, dated 29th September 1896, communicated to the Superintendent, Civil Veterinary Department, in Board's Proceedings, No. 273, dated 14th October 1896, while a clerk on Rs. 20 was added to the Superintendent's office establishment.

10. *General Remarks.*—Several entries in the abstract of cattle fairs attended by Stock Inspectors are misleading. It was not in connection with any cattle fair that Stock Inspector M. Hassen Ali Sahib was deputed to Madura for preventing the spread of Glanders and Farcy, nor that Stock Inspector Moses Abraham was sent to Salem for preventing the spread of Anthrax. Under the head "Epizootics that prevailed," hoven or tympanitis, exhaustion, dysentery, diarrhœa, parturition, sprain, paralysis, &c., have been entered. Such inaccuracies should, in future, be avoided.

11. A full account of the cattle in the five districts selected for Bacteriological survey, as desired in paragraph 9 of Board's Proceedings, No. 176, dated 27th July 1896, does not appear to have been prepared as yet. The Superintendent's attention is therefore drawn to the matter.

12. Notwithstanding the Board's remark in paragraph 3 of its Proceedings, No. 176, dated 24th July 1896, the Superintendent has not used the latest revised figures in column 13 of the statement at the head of paragraph 14 of his report read above.

13. In obedience to the Government of India circular, communicated in G.O., No. 2455, dated 14th May 1897, the Board submits that arrangements have been made to forward, in future, to the Inspector-General, Civil Veterinary Department, the annual report of the Civil Veterinary Department on the 1st June.

(True Copy and Extract.)

(Signed) L. E. BUCKLEY,
Famine Secretary.

To the Secretary to Government, Revenue Department.
" Inspector-General, Civil Veterinary Department.
" Superintendent, Civil Veterinary Department.

Copy to all Collectors.
" to the Director of Public Instruction.

APPENDIX I.

Comparative statement of the number of mares covered by Government stallions during five years ending 1896–97.

	Stallions.	Mares covered. 1892–93.	1893–94.	1894–95.	1895–96.	1896–97.	Remarks.
	Coimbatore.						
1	Parfait Amour	50	51	54	36	29	Sold 23rd January 1897.
2	Sultan	50	67	31	28	30	
3	Agha	59	60	48	60	60	
4	Rajah	..	15	53	36	33	Received August 1893.
5	Nawab	..	13	40	38	..	Died 9th June 1896.
6	Abdulla *	..	..	..	9	37	Transferred from Salem, January 1896.
9	Mistrust	..	..	17	15	..	Received May 1894 and died November 1895.
10	Bahadur	..	..	9	..	..	Received May 1894 and sold in March 1895.
11	Parel	..	..	29	33	54	Received May 1894.
16	Max	..	..	..	4	22	Received January 1896.
17	Hector	..	..	..	4	34	Do.
18	The Baby	..	..	..	4	29	Do.
	Total ..	159	206	281	267	328	
	Salem.						
6	Abdulla	60	50	51	26	..	Transferred to Coimbatore, January 1896.
7	Carbon	8	67	51	50	51	Received January 1893.
8	Ranger	..	60	52	25	..	Received July 1893 and sold February 1896.
12	No name	..	..	20	..	..	Received May 1894 and sold May 1895.
13	Sunshine	..	..	..	12	43	Arrived January 1896.
14	Phœnix	..	..	..	10	34	Do.
	Three others	120	32	..	..	..	All sold prior to December 1893.
19	Nile	..	..	..	..	..	Arrived from Bombay 17th December 1896.
20	Tigris	..	..	..	..	..	Do. do.
21	Euphrates	..	..	..	..	..	Do. do.
	Total ..	188	209	174	123	128	
	Madura.						
15	Selim	..	..	..	8	14	Arrived January 1896.
	Grand Total ..	347	415	455	398	470	
	Average per stallion for 12 stallions that worked for the whole year.	..	..	..	..	36·8	

		Donkey Stallions.					
	Coimbatore.						
2	Shimroli, P.	..	..	..	..	19	Commenced work in June 1896.
3	Kachora, C. B. ..	..	..	..	..	17	
	Total ..	..	..	..	..	36	
	Salem.						
1	Mohra, P.	..	..	..	..	9	Do. do.
4	Angoor, C.B.	..	..	..	..	19	
	Total ..	..	..	..	..	28	
	Grand Total ..	..	..	..	..	64	

APPENDIX II.

Statement showing the average maximum and minimum height of the mares covered during 1896–97.

	Stallions.	Number of mares covered per stallion.	Height of mares covered in hands and inches. Average.	Maximum.	Minimum.	Height of stallions.	Remarks.
	Coimbatore.		H. IN.	H. IN.	H. IN.	H. IN.	
1	Parfait Amour	29	12 3	13 2	12 0	14 0	
2	Sultan	30	13 ¾	14 1	12 2	14 0	
3	Agha	60	12 3¾	14 0	12 1	14 0	
4	Rajah	33	12 3¾	14 0	12 1	14 1	
6	Abdulla	37	13 0	14 0	12 1	14 0	
11	Parel	54	12 2¾	13 3	11 2½	13 1¼	
16	Max	22	11 4	12 3	11 2	13 1½	
17	Hector	34	12 1	13 0	12 0	13 1	
18	The Baby	29	12 2¼	13 2	12 0	13 2	
	Salem.						
7	Carbon	51	12 0	13 2	11 ¾	13 1½	
13	Sunshine	43	11 3½	13 1½	11 ¾	13 1	
14	Phœnix	34	12 ½	13 3	11 0	13 1½	
19	Nile	..	..	..	..	13 2¼	
20	Tigris	..	..	..	..	13 2¼	
21	Euphrates	..	..	..	..	13 2¼	
	Madura.						
15	Selim	14	•	•	•	13 2	
	Donkey Stallions.						
	Coimbatore.						
2	Shimroli	19	11 3	15 0	11 0	12 1½	
3	Kachora	17	11 3	12 1	11 0	12 1¾	
	Salem.						
1	Mohra	9	•	•	•	12 2	
4	Angoor	19	•	•	•	11 ½	

* Not reported.

APPENDIX III.

Statement of the results of the coverings made in 1895–96.

	Stallions.	Mares covered. Total.	Results not known.	Remainder.	Mares foaled. Number.	Percentage.*	Mares aborted.	Mares empty. Number.	Percentage.*
	Coimbatore.								
1	Parfait Amour	36	10	26	8	30	3	15	58
2	Sultan	28	(a) 8	20	5	25	..	15	75
3	Agha	60	6	54	12	22	4	38	70
4	Rajah	36	(b) 9	27	6	23	4	17	65
5	Nawab	38	12	26	9	34	3	14	54
6	Abdulla	9	2	7	1	14	..	6	86
9	Mistrust	15	4	11	3	27	..	8	73
11	Parel	33	15	18	2	11	5	11	61
16	Max	4	1	3	1	33	..	2	67
17	Hector	4	1	3	..	..	2	1	33
18	The Baby	4	1	3	..	..	..	3	100
	Total ..	267	69	198	47	24	21	130	65
	Salem.								
6	Abdulla	26	(c) 8	18	..	..	4	14	78
7	Carbon	50	(d) 16	34	2	6	4	23	82
8	Ranger	25	2	23	1	4	1	21	91
13	Sunshine	12	(e) 7	5	1	20	..	4	80
14	Phœnix	10	(f) 3	7	1	14	1	5	71
	Total ..	123	36	87	5	6	10	72	83
	Madura.								
15	Selim	8	(g) 1	7	2	28	1	4	57
	Grand Total ..		106	292	54	18	32	206	71

* On known results.

clude one mare in foal each.
ce received.

APPENDIX IV.

Comparative statement of the work done and results obtained in breeding horses and ponies in Madras and other Provinces.

Particulars.	Years.	Madras.				Other Provinces.			
		Salem.	Coimbatore.	Madura.	Total.	North-Western Provinces and Oudh.	North Paujab.	South Panjab.	Deccan.
1	2	3	4	5	6	7	8	9	10
Mares covered per stallion ..	1893–94	59	59	..	59·0	36·14	52·47	46·41	30·60
	1894–95	44	35	..	38·0	39·0	52·73	44·09	33·25
	1895–96	25	24	8	24·9	45·3	48·2	54·4	32·65
	1896–97	36	21	14	29·4	..	..	..	..
Produce foaled per stallion ..	1893–94	6·0	8·6	..	7·4	8·7	18·11	13·74	9·47
	1894–95	3·0	8·5	..	6·6	9·73	15·8	12·0	11·35
	1895–96	1·0	4·3	2·0	2·8	..	..	..	..
Percentage of produce foaled to mares covered.	1893–94	16·0	27·0	..	21·5	24·0	34·5	29·6	30·9
	1894–95	14·0	31·0	..	26·2	25·0	30·0	27·2	34·1
	1895–96	6·0	24·0	28·0	17·0	..	..	..	..

APPENDIX V.

Statement showing particulars of charges incurred on pony-breeding operations during 1896–97 and since their commencement in 1884 up to the end of the year under report.

Items.	During 1896–97.				
	Coimbatore.	Salem.	Madura.	At head-quarters and undistributable.	Total.
1	2	3	4	5	6
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Establishments	207 12 6	785 6 0	..	..	993 2 6
Feeding charges, &c.	3,022 6 8	1,127 1 9	283 10 9	..	4,433 3 2
Petty construction and repairs	80 11 10	36 14 0	6 13 8	..	124 7 6
Rewards for castration	75 15 6	327 13 9	..	..	403 13 3
Purchase of stallions	..	..	..	1,769 9 0	1,769 9 0
Miscellaneous	..	..	..	2 13 0	2 13 0
Total ..	3,386 14 6	2,277 3 6	290 8 5	1,772 6 0	7,727 0 5

Items.	Total charges under each head from 1884–85 to 1896–97.					
	Coimbatore.	Salem.	Nilgiris.	Madura.	At head-quarters and undistributable.	Total.
	7	8	9	10	11	12
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Establishments	3,551 8 3	6,221 12 0	1,393 0 0	..	..	11,166 4 3
Feeding charges, &c. ..	16,625 14 4	14,412 15 4	1,413 0 11	283 10 9	53 15 4	32,789 8 8
Petty construction and repairs.	653 14 11	928 5 9	124 11 6	6 13 8	..	1,713 13 10
Rewards for castration ..	1,536 0 6	929 11 2	..	..	..	2,465 11 8
Purchase of stallions ..	..	600 0 0	..	..	16,824 15 1	17,424 15 1
Miscellaneous	314 8 8	71 11 5	..	..	774 3 5	1,160 7 6
Total ..	22,681 14 8	23,164 7 8	2,930 12 5	290 8 5	17,653 1 10	66,720 13 0

Statement showing particulars of charges incurred on mule-breeding operations during 1896–97.

Items.	Coimbatore.	Salem.	At head-quarters and undistributable	Total.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Feeding charges	450 1 10	811 5 3	..	1,261 7 1
Stabling charges	..	67 8 0	..	67 8 0
Purchase of jacks	..	..	532 0 0	532 0 0
Prize at shows	..	..	..	..
Fees for first 40 foals	..	..	..	..
Total	450 1 10	878		50 15 1

Order—No. 814, Revenue, dated 27th September 1897.

Miscellaneous.

With the foregoing Proceedings the Board of Revenue submits the Superintendent's report on the administration of the Civil Veterinary Department for the year 1896–97 and the reports forwarded by the Collectors of Coimbatore and Salem and the Sub-Collector of Madura on the results of the pony and mule breeding operations carried on in their districts during the same period.

2. As in last year, the Board's Proceedings was received in the Government office on the 5th of August, more than a month after its due date. The Government notes from paragraph 13 of the Board's Proceedings that, in future, arrangements will be made to forward the report to the Inspector-General, Civil Veterinary Department, on the 1st June. It is presumed that in the present year an advance copy of the report has been sent to the Inspector-General as directed in G.O., Mis. No. 2445, dated the 14th May 1897.

3. It is observed that the Superintendent's report incorporates those of the Collectors. It is unnecessary, therefore, to print the latter separately and, in future, they should be omitted, care being taken that all important information and suggestions contained therein are duly noticed in the Superintendent's report. In fact, it would seem sufficient for the Collectors to send the Superintendent memoranda for inclusion in the report, instead of elaborate letters as at present.

4. During the year under review the constitution and numbers of the subordinate veterinary staff was under the consideration of the Government. It was found that a staff of seven Inspectors in addition to the Deputy Superintendent was sufficient for the investigation of cattle diseases and the superintendence of pony and mule breeding operations. In accordance with this decision the staff of Stock Inspectors was, during the year, reduced from thirteen to seven. There was no other change in the *personnel* of the department during the year under review.

5. Veterinary-Lieutenant Clarke, who was in charge of the department, during the whole of the year spent 134 out of 314 days in camp and though this does not come up to the standard since fixed by Government, it compares favourably with the number of days spent by him in touring in the previous year.

6. *Pony-breeding.*—It is observed that the experiment in Madura has proved a failure. Perhaps it would have been more successful had a more suitable selection been made than Selim, whose height is 13–2 hands. The new stallions Nile (13–2½), Tigris (13–2½), and Euphrates (13–2½), all exceeded 13–2 hands. The Government observes that they are kept in Salem though Carbon (13-1½) and Phœnix (13-1½) have been transferred from Salem to Coimbatore, as being too large for the mares of the Salem district. The attention of the Superintendent is drawn to the decided opinon expressed by the Inspector-General in his letter read in Board's Proceedings, Mis. No. 6670, dated the 6th December 1895, that the mares of Salem should be served by stallions under 13-2 hands, and he should report the reason why larger animals were selected.

7. The Government regrets to note that the illness of some of the stallions was due to insufficient exercise and want of care. The Superintendent should pay personal attention to this matter and satisfy himself during his visits that his instructions are being properly carried out. Excluding the two stallions who were ill and Selim, who obviously had no suitable work in Madura, the remaining nine stallions, who worked throughout the year, effected 372 coverings which gives an average of 41·3, as against 39·5 in the previous year. The results so far cannot therefore be admitted to have been very unsatisfactory and compare favourably with those of other provinces except the South Punjab.

8. The following statement compares the percentage, in known cases, of successful coverings effected during the two years, 1894–95 and 1895–96, the total number

of coverings effected during the two years having been 455 and 398, respectively, and the number, the results of which were known, 301 and 292, respectively.

Stallions.	Percentage of successful coverings made in 1894–95	1895–96.
Coimbatore—		
Parasait Amour	18	30
Sultan	48	25
Agha	49	22
Rajah	21	23
Nawab	44	34
Abdulla	*	14
Mistrust	13	27
Bahadur	...	*
Parel	21	11
Max	*	33
Hector	*	...
The Baby	*	...
Total for the district	31	24
Salem—		
Abdulla	12	...
Carbon	13	6
Ranger	12	4
Sunshine	*	20
Phoenix	*	14
No name	33	*
Total for the district	14	6
Madura—		
Selim	*	28
Grand total	26	18

* Did not work during the year.

While the percentage of the known results to the coverings effected remained almost the same during the two years, that of successful coverings fell from 26 in 1894–95 to 18 in 1895–96, and the unsatisfactory results of the latter year have, as usual, to be attributed to the apparent failure of operations in the Salem district. This discouraging result is, as in previous years, reported to be due to the poor feeding and bad treatment of the mares served, to promiscuous intercourse with country stallion tats, and lastly to want of care on the part of the salustries in allowing their animals to cover mares out of season.

9. The first cause is probably more operative in Salem than in Coimbatore owing to the fact that the greater number of the mare owners in the latter district are professional pony-breeders whose obvious interest it is to care for their animals. The Government hopes, however, that the code of rules issued by the Sub-Collector of Salem for the guidance of owners will bear fruit in time. All salustries should be strictly instructed to instil these rules into the minds of owners.

10. The only remedy for the country stallion tat evil is the extension of castration operations. In Salem, 148 ponies were castrated in the year, against 134 in the previous year,—a result due chiefly to the excellent arrangements made by the Sub-Collector. In Coimbatore, on the other hand, the number of ponies castrated was only 17, against 98 the previous year. For this, the Tahsildars of Coimbatore and Erode are chiefly to blame and the Government notes their apathy with displeasure.

11. The Deputy Superintendent should carefully supervise the salustries and have any salustry, who is detected allowing his animal to cover mares out of season, promptly punished.

12. *Pony shows.*—Two pony shows were held during the year—one at Tiruppur in the Coimbatore district in May 1896 and another at Berikai in Salem in December 1896. The show at Tiruppur was, as usual, a decided success, while that at Berikai clearly established the fact that the previous failures in Salem were, in a great measure, due to the unsuitableness of the localities selected. From the large number of exhibits produced and the interest displayed by the people, it is to be hoped that future shows at the same place will result in continued improvement.

13. *Mule-breeding.*—Four donkey stallions were employed—two in Coimbatore and two in Salem—during the year under review and, notwithstanding the illness of one of the stallions, the deep-rooted popular prejudice against the undertaking and the fact that work was commenced late in the year, the number of mares covered was 64. The Government agrees with the Board in considering that the results at the commencement of the undertaking are not discouraging and trusts that every endeavour will be made by the officers concerned to remove the popular prejudice in the matter.

14. *Cattle disease.*—The Government approves of the instructions issued by the Board in paragraphs 7 and 8 of its Proceedings. In future reports the Superintendent is requested to state whether the Stock Inspectors have been able to give any help to the ryots in the treatment and management of the cattle and whether such help has been sought for. Now that famine-relief works are being reduced, the four Stock Inspectors employed on famine duty should be re-transferred to their legitimate work without delay. With reference to the Board's remarks in paragraph 7 of its Proceedings the Government hopes that the present Superintendent will devote more time to personal investigations than his predecessor did.

15. The total expenditure of the department during the year under review was Rs. 40,595–4–2, as against Rs. 38,448–11–8 in the previous year. Of the former amount, Rs. 7,727–0–5 and Rs. 1,860–15–1 represented charges incurred on account of pony and mule breeding operations, respectively, the corresponding figures for 1895–96 being Rs. 8,220–0–5 and Rs. 1,933–9–1, respectively.

The increase occurred mainly under the heads "Pay" and "Travelling allowance" and was chiefly due to the increased pay and allowances to which by the terms of their service the Deputy Superintendent and Stock Inspectors (the reduction of whose number was given effect to only in February last) became eligible during the year. The figures for 1895–96 as furnished in that year's report do not, however, agree with those given in the Civil budget estimates, wherein the actual expenditure of the department for the year is shown as Rs. 37,832. The cause of the discrepancy should be explained and it should also be reported whether the revision of the figures has affected the totals given in Appendix V to the Board's Proceedings.

16. The following minor discrepancies are noticed :—

(1) In paragraph 4 of the Superintendent's report the height of the stallion Nile is shown as 13–2½, while in paragraph 6 and in Appendix II to the Board's Proceedings it is given as 13–2¼.

(2) In paragraph 7 of the report, the Superintendent gives the number of mares covered by Abdulla in 1895–96 in the Coimbatore district as 35. This figure includes the work done by the stallion in the Salem district also and the matter should have been expressly noticed or the method adopted by the Board in Appendix I to its Proceedings followed.

(3) The totals given in the second and the last columns of the statement attached to paragraph 37 of the Superintendent's report are all wrong. In the second column, the figures shown total up to Rs. 24,026–0–6 (and not Rs. 24,026–8–9). In the last column the correct total against "Stock Inspectors (13)" is Rs. 17,335–8–0 (and not Rs. 17,336–0–3), that against "Office establishments" is Rs. 1,124–11–6 (instead of Rs. 1,134–11–6), and the grand total should be Rs. 31,007–4–3 (instead of Rs. 31,007–11–6).

(4) The total charges on account of mule-breeding in Salem are shown as Rs. 811–5–2 in the Sub-Collector's letter and Rs. 811–5–3 in Appendix V to the Board's Proceedings.

(5) The mistake pointed out in paragraph 8 (5) of G.O., No. 414, dated the 19th August 1896, is repeated in paragraph 4 of the Board's Proceedings.

(6) In line 7 paragraph 5 of the Board's Proceedings, the figure "17" is evidently a mistake for "18" (*vide* Appendix III to the Board's Proceedings).

It is also observed that the figures in most of the columns of the statement attached to paragraph 21 of the Superintendent's report have not been totalled up.

(True Extract.)

(Signed) G. STOKES,
Ag. Secretary to Government.

To the Board of Revenue (Revenue Settlement, Land Records and Agriculture).
„ the Educational Department.
„ the Inspector-General, Civil Veterinary Department.
„ the Deputy Adjutant-General, Madras Command.

Endorsement No. 814A.

Copy to the Government of India, Revenue and Agricultural Department.

(Signed) G. STOKES,
Ag. Secretary to Government.

Exd. Shaik Karim,

120 Copies.