

Army Remount Department.

ANNUAL ADMINISTRATION REPORT

OF THE

ARMY REMOUNT DEPARTMENT IN INDIA

FOR THE YEAR

1904-05.



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Simla, the 25th of November 1905.

FROM

COLONEL H. GOAD,
DIRECTOR-GENERAL, ARMY REMOUNT
DEPARTMENT,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,
MILITARY DEPARTMENT,
SIMLA.

SIR,

I HAVE the honour to submit, for the information of the Government of India, the Annual Administration Report of the Army Remount Department for the official year 1904-05.

I have the honour to be,

SIR,

Your most obedient servant,

H. GOAD, *Colonel,*

Director-General, Army Remount Department.

GOVERNMENT OF INDIA.

ANNUAL ADMINISTRATION REPORT

OF THE

ARMY REMOUNT DEPARTMENT IN INDIA

FOR THE OFFICIAL YEAR

1904-05.

PART I. REMOUNTS.

1. *Officers of the Department.*—The work of the Remount Depôts was in charge of the following officers:—

Superintendents of Remount Depôts.

Ahmednagar Remount Depôt.—Lieutenant-Colonel R. C. Broome.

Hosur Remount Depôt ... { Major G. C. Birdwood, from the 23rd April 1904 to the 17th March 1905.
Major Brandreth from 28th to 31st March.

Saharanpur Remount Depôt ... { Major E. Brandreth, from 1st April to 27th October 1904.
Major Birdwood from 26th to 31st March 1905.

Hapur Remount Depôt ... { Lieutenant D. H. Vanrenen, from 1st April to 10th December 1904.

Mona Remount Depôt ... { Major Birdwood, from 1st to 17th April 1904.
Captain Loch, from 18th April to 11th December 1904.
Captain G. H. Badcock, from 12th December 1904 to 31st March 1905.

In the absence of the Superintendent, the Veterinary Officer was in charge.

The following officers were also employed at the depôts:—

Hapur Remount Depôt ... { Lieutenant C. E. M. Mayne, from 10th December 1904 to 31st March 1905.

Mona Remount Depôt ... { Lieutenant D. H. Vanrenen from 12th to 31st December 1904.
Lieutenant D. R. Hewitt, temporary officer, from 1st January to 31st March 1905.

Veterinary Officers.

Ahmednagar Remount Depôt and Deccan Subsidiary Circle.	}	Captain F. D. Hunt, A. V. D.
Hosur Remount Depôt ...		
Mona Remount Depôt and Jhelum Canal Colony Circle.	}	Lieutenant E. S. Gillett, A.V.D.
Saharanpur Remount Depôt and part of the Lahore Circle.		
Hapur Remount Depôt and the United Provinces Circle.	}	Captain T. W. Rudd, A. V. D.

2.—*Mona Remount Depôt and Young Stock Run.*—The works in progress in the previous year were completed during the year under review. In addition the following works were constructed :—

- Two Horse Hospitals and stables for 200 horses.
- Two Line Overseers' quarters.
- Two Pharmacies.
- Six sheds for 300 young stock.
- Chaff-cutting and grain-crushing sheds.
- Four remount stables for 200 horses and other smaller works.
- Eight Pucca wells.
- Metalling road at Mona.

The following were undertaken departmentally :—

- Five blocks of menials' quarters.
- One godown for storing seed.
- Two riding schools.
- One coach house in brake stable.
- Three Veterinary Assistants' quarters.
- Kutcha loose boxes in Superintendent's compound.

A few minor works were still in progress at the close of the year. The works are now in charge of the Public Works Department.

Sheesham trees have been extensively planted and nurseries to the extent of sixty acres laid. Four hundred and twenty-nine acres of Jungle were cleared and the land levelled for cultivation.

3. *Cost of maintaining the reserve.*—The cost of maintaining the war reserve of 1,000 horses during 1904-05 is compared below with the figures of the preceding year :—

Years.	Feed and keep.	Movement.	Departmental charges.	Total cost per annum.	Total cost per 1,000 remounts.
	Rs.	Rs.	Rs.	Rs.	Rs.
1904-05	192	32	74	298	2,98,000
1903-04	189	40	99	328	3,28,000

The appreciable reduction in the total cost may be considered satisfactory.

4. *Standards of height of troop horses.*—The statement given below shewn the average heights of the several classes of Australian remounts purchased during the year under review as compared with the previous year.

	1904-05.		1903-04.	
	H.	L.	H.	L.
Royal Horse Artillery	15	2	15	2½
Royal Field Artillery	15	3	15	3
Heavy and Howitzer Artillery	15	1	15	1½
Medium Cavalry	15	3	15	3
Hussars	15	0	15	½

5. *Arabs and Persians.*—The number advertised for purchase was 205; the number obtained 160. In last year's report it was stated that the Arab and Persian imports of that year were the worst lot landed for many years; but this year the Arabs were still worse. The Persians however showed an improvement. The worst feature of the Arab importations was that three Arabs out of every five landed were three-year olds. This was the result of the high prices given for all classes of animals in the year of the Delhi Durbar. Dealers tempted by the hope of these prices still obtaining imported during the next two years every full-grown Arab they could lay hands on and thus young stock only were left in the Arabian market. The Arab dealers themselves admitted that this year's importations as a whole were very bad, but they added that they had brought the best they could get. If this is true, and it was confirmed by Colonel Fadlullah, Commandant of the Arab stud at Babolna, himself an Arab, who had been in Arabia lately, and the Arab market is declining, the importance of strengthening our Stud while there is time cannot be exaggerated.

6. *Imported Mules.*—During the year this department imported mules from the Argentine Republic, from Persia, and from the Chinese Frontier. In order to make good the shortage in the previous year, Major Arbuthnot was specially deputed to purchase in Persia, and Major Gough was sent to the Argentine to pass 750 mules to be supplied by Mr. Tetley of Buenos Aires.

(i) *Argentines.*—When Major Gough had passed the 750 to be supplied by Mr. Tetley he was further deputed to purchase the 6,500 sanctioned in connection with the Reorganisation scheme. A trial contract was placed with Messrs. Bracht and Co. of Antwerp for the supply of 1,000, @£21.10 each, but owing to the difficulty the firm seemed to experience in obtaining animals and the inferior class they offered for inspection, no further contract was given them. Arrangements for the supply of the remainder were then made with Mr. Tetley whose work has given every satisfaction.

A total number of 6,534 mules were obtained at a cost £21.10 a head plus expenses of the officers purchasing them. They have been classified as follows by the Supply and Transport Department:—

Ordnance	97
Equipment	3,229
Transport	3,208

Major Gough carried out this duty excellently.

(ii) *Persians.*—Major Arbuthnot was deputed to buy 500 mules to complete the previous year's shortage and partly towards the requirements of the year under review. On his arrival he found that mules were not plentiful and not

obtainable at the rates to which he was limited. The rates had to be increased and ultimately he shipped 540 mules classed as follows:—

				Rs.
Ordnance	...	...	...	26 @ 282
Baggage	...	...	...	160 @ 246
Transport	...	...	...	356 @ 228

Major Arbuthnot has not yet completed his work.

(ii) *Chinese*.—In view of the possibilities of the country conterminous with the Burman frontier to supply mules, Major Willoughby was deputed to enquire into its resources and to purchase any suitable animals that might be available. Major Willoughby's report has already been submitted and Government have been pleased to express their appreciation thereof. Major Willoughby was asked to purchase—

10	Ordnance mules.
15	Baggage "
75	Transport "
20	Riding ponies.

Of these he could only secure one ordnance mule and 26 transport mules. The Commandants of units to whom the latter were issued reported that the animals were suitable in every way for transport purposes.

7. *Health*.—The health of the horses during the year has been very good.

The health of the establishment has on the whole been good. Plague however claimed five victims in the Saharanpur Depôt and at Hosur, notwithstanding inoculation and every possible precaution, the disease found its way into the Depôt. There were 44 cases of which 35 succumbed to the attack. The epidemic lasted from the 27th August 1904 to 11th February 1905.

8. *Farm profits or losses*.—The following statement shows the profit or loss on the several farms during 1904-05 and the previous year:—

	1904-05.	1903-04.
	Rs.	Rs.
Saharanpur	41,650	54,090
Hapur	73,879	60,175
Mona	65,613	11,855 loss.
Hosur	63,235	82,579
Ahmednagar	8,833 loss.	1,048 loss.

Saharanpur.—The decrease in the profit at this depôt is chiefly due to smaller outturn of certain crops consequent on the severity of the winter, higher price of labour than in the previous year, and to lower market rates.

Hapur and Mona.—The noticeable increase in the profit at these depôts may be considered satisfactory.

Hosur.—The decrease is due to the reduced outturn of hay consequent on the failure of the north-east monsoon.

Ahmednagar.—The increased loss at Ahmednagar is due to a scanty rainfall and the consequent falling off in the outturn of the farm. With the land now secured at Framjee's Garden it is hoped that farming will assume a different aspect at Ahmednagar.

9. *Poonapalli Tank*.—After protracted negotiations the Poonapalli tank was at last notified by the Collector of Salem on 31st March 1905 as ready to be handed over. It has since been taken over by the Hosur Depôt.

10. *Purchase of country-bred stock between 9 and 18 months of age*.—In accordance with the instructions contained in Military Department No. 4306-D., dated the 14th August 1903, I have attached a statement at Appendix I showing—

- (a) The number of young horse stock purchased below 18 months of age present on the 1st April;
- (b) The casualties in this number occurring between April 1st and March 31st;
- (c) The percentage of casualties.

In addition to this, the Government of India require to be furnished with information shewing—

I.—Whether the introduction of this system has resulted in securing an increased number of country-bred remounts for the service;

II.—The general health of these young stock, and

III.—Their average cost on issue to the service.

I.—The number of country-bred stock purchased from the time this system was established and for three years previously, is as follows:—

(a) Before the introduction of the system of purchasing stock under 18 months:—

Years.	No.
1896-97	106
1897-98	126
1898-99	129

(b) Since the introduction of the system—

Years.	No.
1899-1900	122
1900-01	251
1901-02	267
1902-03	253
1903-04	182
1904-05	293

These purchases should increase largely as we get full results from the Jhelum Canal Colony.

II.—The health of these young stock has been satisfactory and the actual deaths from disease were 28 out of 356 purchased up to the end of the year.

III.—Forty-two stock have been issued to date—

Years.	No.
In 1902-03	5
In 1903-04	18
In 1904-05	19

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The cost of maintenance of these young stock is included in the general results of country-bred stock given at paragraph 21.

11. *Purchase of Australian remounts.*—The statements given below show—

- (a) the number of Australian remounts obtained during the past two years, and
(b) the average prices paid.

(a) *Number purchased.*

Detail.		Calcutta.	Madras.	Bombay.
		No.	No.	No.
1904-05	{ British Service ...	2,904	1,046	719
	{ Madras Cavalry ...	...	111	54
1903-04	{ British Service ...	1,655	333	333
	{ Madras Cavalry ...	...	...	...

(b) *Average price.*

Detail.		Calcutta.	Madras.	Bombay.
		Rs.	Rs.	Rs.
1904-05	{ British Service ...	674	675	675
	{ Madras Cavalry ...	...	400	400
1903-04	{ British Service ...	669	670	671
	{ Madras Cavalry ...	...	...	...

The increase in the number of horses purchased is due to the numbers required for "Reorganisation."

The increase in the average purchase rate of 1904-05 is due to payments being made during that year at a fixed rate of exchange instead of at the opening rate for the day as previously.

12. *Purchase of Arab and Persian Remounts.*—The number of Arab and Persian Remounts purchased in Bombay, together with the prices paid, were—

Detail	ARAB.		PERSIAN.	
	No.	Purchase cost.	No.	Purchase cost.
1904-05	147	Rs. 715	13	Rs. 517
1903-04	172	706	8	556

13. *Hungarians.*—An order for 100 horses was placed with Messrs. Hauser and Neffe of Vienna for the following classes :—

Horse Artillery	...	...	...	...	25
Field Artillery	...	...	...	...	25
Medium Cavalry	...	...	...	...	25
Hussars	...	...	...	...	25

Of this number 98 were landed 80 of which had been selected in Austria by Mr. Fairholme subject to passing a veterinary examination in Bombay. The remaining 20 were to be purchased in India if considered fit. Of the latter 15 were purchased. The contract price of the lot was £ 45 a head, of which Mr. Fairholme received £ 2 a head for his services.

As far as can be judged at present these horses do not compare with Australians of the same class for pace or power. On the other hand they require no acclimatisation. They seem to take naturally to the country, travel well and keep their condition under work on a very small ration. In the event of sudden mobilisation these horses would be very useful for cavalry. For artillery it is doubtful if they have sufficient power. I have to thank Mr. Fairholme for the way he carried out his work which involved much travelling.

14. *Argentines.*—An order was placed with Messrs. Porteous and Knight, the representatives of Colonel Brough in the Argentine, to supply 250 horses for Artillery. The number purchased was only 91 and these are a very indifferent lot. The shippers when accepting the contract had three months in which to fulfil it. Failing to do so and to produce the class of animal wanted they complained of the shortness of the notice and that the time of the year was unfavourable for conditioning horses. Major Gough reports that good horses in the Argentine, though not plentiful, are procurable in small numbers in different parts of the country. Breeding is spasmodic for want of encouragement and he is of opinion that if India offered a regular market for a particular type, breeders would certainly endeavour to produce that type. He considers that the price offered by Government leaves a very fair margin of profit to the stock breeder. The prices offered were £ 20 a head in the Argentine or £ 45 c.i.f. landed in India. The 91 obtained cost £ 35.9 a head landed in India. Under the circumstances I do not think we can look on Argentine as a source of supply.

15. *North Americans.*—Major Gough was also directed to visit the United States of America in order to explain to our contractors there, the class of animal required for the Indian Services and to arrange for the purchase of 100 sample horses. He proceeded to Sheridan Wyoming, and stayed about 10 days with the Messrs. Moncreiffe looking over their stock and explaining to them our requirements. He reports they are all bred in the North-West, a lime stone country, among rocky hills, subject to a good deal of heat in the summer and to very severe winters. Like the Argentine horse they are purely pasture-fed and a year's acclimatisation and grain feeding in India should give good development. Out of 94 horses landed in India by Messrs. Moncreiffe, 87 were purchased.

16. *Purchase of country-breds.*—The number of young stock purchased, the average prices by ages paid, together with the general average cost, were—

Age	Years.	MONA.		HAFUR.		AHMEDNAGAR.	
		No.	Average cost.	No.	Average cost.	No.	Average cost.
Under one year ...	1904-05	128	147	...	...	10	139
	1903-04	17	161	...	...	3	157
One to two years ...	1904-05	91	239	...	...	18	274
	1903-04	68	231	...	...	32	259
Two to three years ...	1904-05	33	314	...	...	6	373
	1903-04	38	309	...	...	5	322
Three to four years ...	1904-05	3	420	...	...	...	...
	1903-04	9	474	...	...	...	...
Four years and over ...	1904-05	1	450	...	...	3	683
	1903-04	2	700	...	...	8	728
TOTAL	1904-05	256	206	...	...	37	286
	1903-04	134	269	...	...	48	327

The average age of the stock purchased during 1904-05 was—

	Months.
Mona	16
Ahmednagar	22

The decrease in the purchase rate is due to the purchase of stock of a younger age than in the previous year.

17. *Purchase of country-bred mules.*—The following is a statement of mules purchased in the country during the year under review, and the average prices paid for each class:—

Class.	No.	Average price.
Ordnance	210	Rs. 305
Young ordnance	262	111
Young mules of other classes	39	60

18. *Average cost of issues.*—The average cost of the horses issued to the service during 1904-05, and the preceding year, such horses bearing all

depôt charges (except the charges of those for the war reserve) is given in the following statement:—

Year.	Initial cost.	DEPÔT CHARGES.				Average cost per remount.
		Feed and keep.	Movement.	Departmental charges.	Total.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1904-05	681	112	68	158	338	1,019
1903-04	691	122	69	171	362	1,053

The decrease in the average issue cost is principally due to—

- (1) Lower prices having been paid for the purchase of horses issued during the year under review than for those issued in the preceding year;
- (2) Cheaper rates of articles of feed;
- (3) Smaller departmental charges in consequence of a larger number of horses having been issued to the service.

19. *Feed and keep.*—The following statement shews the average number of horses of each class present daily in the department, and their general monthly average cost per head in feed and keep during 1904-05, and the preceding year:—

Class.	1904-05.			1903-04.						
	No. present.	Feed.		No. present.	Feed.		Keep.			
		Rs.	A. P.		Rs.	A. P.				
Australians	2,668	11	9 11	4	13 7	3,644	12	10 6	4	12 8
Arabs and Persians	77	17	10 11	7	6 6	107	14	9 5	6	6 10
Country-bred remounts	1	12	9 11	7	6 6	3	8	4 1	6	6 10
Full-grown young stock	41	13	12 0	12	1 10	25	18	4 4	12	12 7
Young stock	355	11	5 6	5	14 6	237	12	6 4	4	15 11

The increase in the feed and keep of Arabs and Persians and country bred remounts is due to higher rates of grain and fodder obtained from cultivation produce, and to a smaller number of horses having been maintained.

The increase in the keep of young stock is chiefly due to the smaller number of animals maintained at the Hapur Dépôt.

20. *Issues of remounts.*—The number of remounts of each class issued to the service during 1904-05 and the previous year is as given below—

Class.				1904-05.	1903-04.
				No.	No.
Australians	...	...	...	2,902	2,492
Arabs and Persians...	...	...	...	126	210
Country-breds	...	...	...	39	57
Total				3,067	2,759

The increase in the total number issued to the service is consequent on the increase in the strength of British Cavalry regiments in India, and the re-introduction of signalling into the artillery.

21. *Cost of maintaining country-bred horses.*—The following statement shows the average first cost and the average cost of up-keep of young stock at the depôts during 1904-05 and the preceding year :—

Year.					Nona.	Hapur.	Ahmednagar.
					Rs.	Rs.	Rs.
1904-05	...	...	...	...	684	510	683
1903-04	...	...	...	...	1,006	577	703

The decreases are due to the maintenance charges, etc., of the year under review having been averaged on a larger number of young stock maintained during the year.

22. *Issues of mules.*—The following statement shows the number and average cost of the mules issued to the service during 1904-05 compared with the results of the previous year :—

Year.					No.	Average cost.
						Rs.
1904-05	...	...	...	...	309	898
1903-04	...	...	...	...	338	992

The decrease in the average cost is due to lower prices having been paid for mules purchased.

23. *Horse Importations.*—The importations for Government during the last two years were—

Year.					Calcutta.	Madras.	Bombay.
1903-04	...	...	...	...	2,337	721	762
1904-05	...	...	...	...	3,675	1,460	1,492

The increased importation is due to the larger number of horses required by Government.

24. *Commissions.*—The statements given at Appendices II and III show the commissions granted to shippers during the year under review compared with the numbers presented and purchased, as also the commissions granted for horses to be bought during 1905-06.

25. *Issues to the service.*—The numbers that issued during 1904-05 to the different branches of the service were—

Royal Horse Artillery	...	...	...	...	581
Royal Field Artillery	...	...	...	...	1,591
Heavy and Howitzer Batteries	...	...	...	...	121
British Cavalry	...	...	...	...	670
Madras Cavalry	...	...	...	...	183
Chargers	...	...	...	...	26
His Excellency the Viceroy's and Governors' Body Guards	...	...	...	...	22
His Excellency the Commander-in-Chief's and Governors' Stables	...	...	...	...	6
Issues to Stud stallions and brood mares	...	...	...	...	45
					Total
					3,145

26. *Horses broken to draught.*—A total of 1,687 artillery horses were issued to the service broken to draught, as compared with 1,115 similarly issued during 1903-04.

27. *Officers' chargers.*—A total of 26 officers' chargers were selected during the year under review as compared with 42 selected during the preceding year. The decrease is due to the privilege recently admitted to officers of hiring troop horses as chargers.

28. *Receipts and issues of country-breds.*—In accordance with the orders contained in Military Department No. 1276-F., dated 15th May 1903, the statement given below contains information regarding—

- (a) the year of receipt in the depôt of each of the country-bred remounts issued during 1904-05, and
 (b) the year of receipt of those remaining on the 31st March 1905.

Year of purchase.	MONA.		HAPUR.		AHMEDNAGAR.	
	Number issued.	Present on 31st March 1905.	Number issued.	Present on 31st March 1905.	Number issued.	Present on 31st March 1905.
1895-96
1896-97
1897-98	1	...
1898-99	1	...
1899-00	4	...
1900-01	4	1	7	1
1901-02	3	4	26	9
1902-03	...	33	4	2	...	13
1903-04	...	2	...	...	7	40
1904-05	...	256	...	...	...	55
Total	2	415*	11	7	46	118

* This excludes 30 Australians and 1 Arab present at the Depôt.

29. *Country-bred purchases.*—At appendix IV will be found a statement giving the names of the places where the country-bred stock obtained during the year under review were purchased, and the names of the officers who purchased them.

30. *Country-bred issues.*—The two statements at appendices V and VI show the names of the officers who purchased the country-bred remounts that passed through the depôts during the year under review, and the names of the places at which these horses were purchased.

31. *Rejections and casualties.*—The actual numbers cast and sold, that died or were destroyed during the past two years were—

Years.	HORSES.			MULES.		
	No. of Casualties.	Average No. present daily.	Percentage.	No. of casualties.	Average No. present daily.	Percentage.
1904-05	171	3,142	5.44	7	819	0.85
1903-04	137	3,016	4.54	5	289	1.73

The increase under horses is due chiefly to 23 having been cast and sold at the Saharanpur depôt during the year under review against 8 cast in the previous year, and to 15 young stock having died at Mona during 1904-05 against 4 in the previous year. Out of the 23 cast at Saharanpur during 1904-05 7 were actually cast in the previous year, but having been sold in 1904-05 they were included in the accounts of the latter year. The comparison therefore should be 15 cast in 1903-04 and 16 in 1904-05. The increase at Mona is due chiefly to the large number of deaths from strangles.

PART II.

HORSE, MULE AND DONKEY BREEDING.

32. The work of the Circles was carried out by the following officers:—

Rawalpindi Circle	...	{	Superintendent	...	Captain A. C. Stewart.
			Veterinary Officer	...	Captain E. Brown.
Jhelum Canal Colony Circle	...	{	Superintendent	...	Captain C. F. Templer.
			Assistant Superintendents	...	Lieutenants J. Bruce and D. H. Vanrenen.
			Veterinary Officer	...	Lieutenant E. S. Gillett.
Lahore Circle	...	{	Superintendent	...	Captain S. A. M. Orr.
			Veterinary Officer	...	Captain W. F. Shore.
Baluchistan Circle	...	{	Superintendent	...	Major H. McN. Patterson.
			Veterinary Officer	...	Captain D. J. Quinlan.
United Provinces Circle	...	{	Superintendent	...	Major B. J. H. Humfrey.
			Veterinary Officer	...	Captain T. W. Rudd.
Deccan Circle	...	{	Superintendent	...	Captain A. Hewlett.
			Veterinary Officer	...	Captain F. D. Hunt.

33. The Gujranwala District was transferred from the Rawalpindi Circle to the Jhelum Canal Colony Circle and the Gujrat District from the Civil Veterinary Department to the Rawalpindi Circle. The Sharakpur Tahsil of the Lahore District was transferred from the Lahore Circle to the Jhelum Canal Colony Circle.

34. In Military Department letter No. 3883-D., dated the 14th July 1904, Government sanctioned the establishment of stud farms at Ahmednagar and Mona with the object of preserving the pure eastern breeds of horses and of producing pure bred animals which will be fit for use as Imperial stallions.

The stud at Ahmednagar will ultimately consist of 85* mares and that at

Mona of 20† mares. Of these we had obtained at the close of the year:—

* 80 Arab mares.
15 Kathiawari mares.
15 Deccani "
15 Marwari "
10 Australian "

† Unmal, Dhunnis or other mares of Punjab breeds.

27 Arab mares.
15 Deccani mares.
14 Kathiawari mares.
10 Marwari "
5 T. B. A. "

The Arab mares were purchased in the Bombay stables. The Deccani mares were selected from the country-bred stock already in the depôt. The Kathiawaris and Marwaris were obtained from Kathiawar and Marwar respectively. In connection with the Kathiawari mares our thanks are due to the Political Agent in Kathiawar and the District Superintendents of Police, Messrs. Souter and Pogson without whose assistance we could have done nothing. Our purchases in Marwar were facilitated by the valuable help rendered by Lieutenant-Colonel R. H. Jennings, C. S. I., Captain S. H. Jacob, and Rao Bahadur Pundit Sukhdeo Pershad, C. I. E. The Australian mares were imported by

Messrs. Krerouse, Madden and Mackinnon.

Arab mares require acclimatising just as much as Australians. Moreover from the experience gained up to date it would appear that Arab mare freshly purchased and turned into the paddock take longer to condition than the Australians.

Mona Horse Stud.—Out of the 20 brood mares sanctioned, 17 were bought before 31st March 1905. The average price paid for the mares was Rs. 667-3-6. Several of these mares were in foal when purchased and four have dropped foals. Two stallions have been used for covering these mares, one an *Unmol* lent by Malak Umar Hayat Khan and the other a *Shihan* purchased in the Jhang District.

35. In Military Department letter No. 741-D., dated 2nd February 1904, Government sanctioned the formation of small studs at Mona and Mirpur for the purpose of breeding donkey stallions. The studs are to consist of one stallion and 20 mares at each of these places.

Mona Donkey Stud.—15 mares had been obtained by 31st March 1905. The average price of these mares was Rs. 90-9-0. Two donkeys were foaled during 1904-05.

Mirpur Donkey Stud.—Twenty mares were purchased during 1904-05 at an average price of Rs. 93. Of these, four were in foal at the time of purchase. These four mares produced four colt foals, two of which are good and two fair. The mares have been covered chiefly by an American jack. Twelve more foals were born by the end of the year of which 8 were colts and four fillies. Two of the former were born dead. The stock on the whole is good.

The success of the two donkey breeding studs has been satisfactory, and with a view to extending the scheme I have addressed Government to sanction the addition of 40 mares.

36. The prospects of Horse, Mule and Donkey Breeding Operations are, on the whole, encouraging.

Horse Breeding in Circles.

The Jhelum Canal Colony shows excellent results and this despite the fact that operations were considerably impeded last year by a severe outbreak

Jhelum Canal Colony Circle.

of plague which caused colonists to leave their land. The percentage of foalings to coverings in the Colony itself was 38. It promises to be an excellent field for the purchase of stock for the army. The number of young stock purchased exceeded the aggregate of all the other Circles, a good result, I think, when it is remembered that the first batch of mares did not commence to arrive in the Colony until the end of March 1903, and that only 20 stallions had commenced working in the Colony by the beginning of June 1903. The work of the Circle has progressed satisfactorily with the exception of the mule breeding scheme in the Chenab Colony, which has not received the attention which its importance deserves and which it must inevitably forego until the area over which it extends is constituted a separate Circle controlled by and commanding the constant attention of a whole-time officer. Proposals on the subject have recently been submitted by me to Government. The Department is greatly indebted to the Colonization Officer, Mr. W. M. Hailey, C. S., for the help he has continued to give our officers in the Colony.

Horse-breeding Operations in this Circle were hampered considerably by the restrictive measures which had to be adopted in the Dera Ghazi Khan District

Lahore Circle.

owing to the prevalence of Dourine; the steps taken have, however, proved successful. This is satisfactory, as Dera Ghazi Khan is one of the best horse-breeding districts in India.

In last year's annual report I described how certain districts in this Circle, notably Bulandshahr, had suffered from Dourine.

United Provinces Circle.

The disease has now been practically suppressed, but it will take some time before these districts recover from its effects.

The Deccan Circle has suffered and is still suffering severely from a succession of scarce years. In fact it is not too much to say that at present its future is in a precarious condition owing to the large mortality among the brood mares and young stock during the famine years and to the inability of the breeders owing to poverty to replace losses with suitable animals.

A perusal of Table XV, giving the percentage of foals to coverings for the last 6 years, shows that decided improvement has been made and this should increase annually; it is only by getting a fair percentage of foals to coverings that horse breeding can really flourish. Once the foal is born, it remains with the owner to care for it; but with a fair percentage of foals he gets a good chance of success.

The present percentage of foals to coverings is close on 30, an increase of 6 per cent. on last year, and if we can gradually raise this to something over 40 per cent., things will be on a totally different footing and will bear a fair comparison with the results of horse breeding on somewhat the same lines on the Continent.

With mule breeding again—see paragraph 53—a distinct advance is made in the percentage of foalings to coverings, but a great improvement is still necessary.

PART A.—IMPERIAL REPORT.

I.—HORSE BREEDING.

37. There were 307 horse and pony stallions on the register at the commencement of the year under report. 58 were added and 34 removed from the strength, leaving a balance of 331 on 31st March 1905. Of the 51 received by importation from England and purchased in India, my remarks will be found recorded below. Of the 34 stallions removed from the register 30 died, were destroyed or sold; one, a thorough-bred English, was transferred to the Junagadh State in exchange for a Kathiawari stallion and 3 were cast and transferred respectively to the Imperial Bacteriologist, the Lahore Veterinary College and the Hapur Remount Depot.

Stallions on the register (vide Table I).

38. Of the 293 allotted horse and pony stallions remaining at the end of the year, 131 were up to 10 years, 123 over 10 and up to 15 years, and 39 over 15 years.

Age of stallions (vide Table II).

39. The general average cost of feed and keep was Rs. 343-15-6 for horse stallions and Rs. 341 for pony stallions against Rs. 363-11-9 and Rs. 371 respectively in the previous year. The figures for pony stallions concern the Deccan Circle only.

Cost of feed and keep (vide Table III).

40. The number of horse stallions actually employed on stud work during the year was 238-55. The remainder were either unacclimatised or ineffective from sickness or other causes. The number of mares covered by Government stallions was 11,150.

Stallions at stud (vide Table IV).

41. Average of mares covered per stallion :—

Mares covered.	Year under report	... 46.74
	Previous year	... 50.72

42. Number of foals produced :—

Produce (vide Table V).	Year under report	... 3,299
	Previous year	... 2,592

Percentage of foalings to coverings :—

Year under report	... ..	... 29.55
Previous year	... ..	... 23.64

A comparative statement (Table XV) showing the results of coverings during the period from 1898-99 to 1903-04 is appended. It will be seen that the results of the year under report compare favourably with those of former years.

43. The number and classes of stallions received either by importation from England or purchased in India are detailed below :—

Stallions imported and purchased.		England or purchased in India are detailed below :—	
From England	...	{ Thorough-bred English	... 12
		{ Arabs (Blunt's)	... 4
			... 16
Imported by Messrs. Krerouse, Madden and Mackinnon.	...	{ Thorough-bred Australians	... 11
		{ Thorough-bred English	... 1
Purchased in India	...	{ Arabs	... 22
		{ Country-bred	... 1
			... 24
Received from Remount Depot, Ahmednagar.	...	{ Country-breds	... 4
			... 4
		Total	... 55

The average prices paid for horses purchased in India were :—

Thorough-bred Australian imported by Messrs. Krerouse, Madden and Mackinnon	... ..	£350 or 5,250 each.
Arabs	... ..	2,564 "

The average cost of the 12 thorough-bred English stallions imported from England was £287-16-0, and that of the 4 Arabs imported from England £267-15-0. The figures for the thorough-bred English stallions and the English Arabs, however, represent the actual price paid and do not include transit and other incidental charges.

Twelve thorough-bred English stallions were imported from England during the season. The first lot of five consisting of "Grail", "Gold Seal", "Lord Jummy", "Marechal Neil" and "Ashanti Gold" arrived in December. My remarks on each of these stallions were called for and submitted to Government in March. The second batch of seven consisting of "Woodcutter", "Refractor", "Jennico", "Kilcoolan", "St. Victor", "De Lacy" and "Con" arrived in March. Of these "Woodcutter", "Kilcoolan" and "St. Victor" were reported by me to be unsuited for stud purposes and together with some stallions received in 1903-04 formed the subject of a reference by the Military Department to the Secretary of State.

Four Arabs were imported from England, viz., "Nasir," "Seyal", "Narkise" and "Rashid". Of these "Narkise" is very good and "Rashid," a three year old, promises to grow into a fine horse. "Seyal" shows great quality, but both he and "Nasir" are somewhat light of bone.

The Committee appointed for the purchase of Arab stallions in Bombay was composed of—

<small>Arabs.</small>			
Colonel H. Goad	...	...	President.
Colonel J. W. A. Morgan	}	...	Members.
Lieutenant-Colonel Broome			
Major Fitz J. M. Edwards			

Twenty-two stallions were purchased by the Committee. They were all of good quality.

The Committee appointed for the purchase of Australian stallions in Madras was composed of—

<small>Thorough-bred Australians.</small>			
Colonel H. Goad	...	...	President.
Colonel J. W. A. Morgan	...	...	} Members.
Major G. O. Birdwood	...	...

Lieutenant-Colonel R. C. Broome was subsequently appointed to be President of the Committee owing to Colonel Goad's illness and Major Gunn took the place of Colonel Morgan. Towards the end of the purchasing season Major Brandreth was appointed *vice* Major Birdwood owing to the latter officer's transfer to Saharanpur.

The first batch consisting of "Lockhart", "Goodwood", "Clifton" and "Tom" were passed in January. They were all classed as "very good"; "Amber" was passed in March and was also classed as "very good". The last batch of stallions was passed in May and were classed as follows:—

"Bill of Melton", "Progression," "Ajax"—very good. "Staats Artillerie" and "Millbrook"—good.

44. 1,599 horse and mule colts were castrated by Veterinary Assistants paid from Imperial Funds against 1,042 last year.

45. The stud-bred sire again heads the list with a proportion of 10, followed by the thorough-bred Australian with 5.72, thorough-bred English 4.74, Arabs 3.39, Hackney and Norfolk trotters 1.80, and Country-bred 1.0.

The long lead of the stud-bred is due largely to the fact that he is the only one of his class in the department and is an extraordinarily good stock getter.

Country-bred remounts purchased (Table X).

46. The number of remounts purchased during the year was 1,430 against 1,216 last year:—

Army Remount Department	...	...	...	270
Native Cavalry Regiments	...	...	...	766
Police	...	...	...	356
Imperial Service Troops	...	...	...	38
			Total	1,430

47. Eight horses died and 17 were destroyed giving a percentage of 8.39 against 12.34 last year. Full particulars of each stallion will be found in table XI (A).

Casualties (Table XI).

48. Four horses were sold during the year as unfit for stud purposes. One was cast and transferred to the Imperial Bacteriologist and another which was sterile was returned to General Sir A. Hunter, its former owner, as too old for stud purposes.

Stallions sold (Table XII).

49. The year under report opened with a balance of 15,813 for horse-breeding, 1,752 for pony-breeding and 526 for mule-breeding on the registers and closed with 18,002 for horse-breeding, 1,782 for pony-breeding and 1,221 for mule-breeding. The number branded during the year was 2,363 for horse-breeding, 170 for pony-breeding and 697 for mule-breeding.

Branded mares (Table XIII).

II.—MULE-BREEDING.

50. The year under report opened with a balance of 343 donkey stallions, 30 were added and 41 removed from the strength leaving a closing balance of 332 on 31st March 1905. Of this number 143 were up to 10 years of age, 143 over 10 and up to 15 years and 26 over 15 years (*vide* Table II). The remaining 20 were unallotted.

Donkey stallions on the register (Table I).

Cost of feed and keep (Table III).

51. The average cost of feed and keep was Rs. 176-10-5 against Rs. 175-14-1 last year.

52. The number of donkey stallions actually employed during the year at stud was 252 against 232 last year. Of these 33.40 were used solely for donkey-breeding purposes.

Donkey stallions at stud (Table VI).

The remainder were either unacclimatised or ineffective from sickness or other causes.

The number of mares served by donkey stallions was 13,924 pony mares and 1,766 donkey mares against 14,262 and 1,190 respectively last year.

The average number of mares covered per stallion was:—

Pony mares	...	...	...	...	63.68
Donkey „	...	...	...	...	52.87

against 69.48 and 44.72 respectively in the previous year.

Produce (Table VII).

53. The results of the previous year's coverings are—

Mule foals	...	...	...	...	2,842
Donkey „	...	...	...	...	315

against 2,683 and 233 respectively last year.

The percentage of foals to coverings was 19.92 for mules and 24.94 for donkeys against 18.10 and 16.34 last year.

54. Twenty out of the 21 American donkeys ordered from the United States, America, were landed, one stallion having died on the voyage. They have been very favourably reported on as a whole.

Stallions imported.

Six stallions were taken over from the Civil Veterinary Department from the Hissar Farm, and are an excellent lot. 12 donkey colts will be fit for transfer from the Mona Depot for stud work in 1905-06.

55. Nine donkey stallions died and 7 were destroyed during the year giving a percentage of 4.66 against 13.58 last year. Particulars as to causes of death and destruction will be found in Table XI (A).

Casualties (Table XI).

56. Twenty donkey stallions were sold during the year as unsuitable for stud purposes. Three stallions were sold for stud purposes to the Nabha State under the authority of M. D. letter No. 2651-D., dated 17th May 1904.

Sales (Table XII).

57. At the end of October 1904 systematic touring of the Chenab Colony and Jhang District was commenced by the Assistant Superintendent, Jhelum Canal Colony Circle. By the middle of March 1905 every part of these areas had been visited by him and 1,002 mares had been branded for mule-breeding in connection with lambadari grants in the Chenab Colony.

58. Sketch maps of the Circles showing the position of stallion stands and the number of stallions at each stand accompany the Report.

Maps.

PART B.—PROVINCIAL REPORT.

I.—HORSE BREEDING.

59. There were 83 stallions at the beginning of the year, 26 were added to the registers and 10 removed leaving a closing balance of 99 on 31st March 1905.

Stallions on the register (Table I).

Cost of feed and keep (Table II).

60. The cost of feed and keep of pony and donkey stallions was—

	Rs.	s.	p.
Ponies	257	5	10
Donkeys	96	8	4

against Rs. 218-4-6 and Rs. 153-0-6 respectively last year.

61. 81.44 stallions were actually employed at stud out of 99 on the register against 77 last year.

Stallions at work (Table III).

Mares covered (Table III).

62. 4,736 mares were covered against 5,040 in the previous year.

Average of mares served per stallion :—

Year under report...	58.15
Previous year	64.45

Produce (Table IV).

63. Number of foals produced :—

Year under report	1,331
Previous year	1,296

Percentage of foalings to coverings :—

Year under report	25.69
Previous year	25.76

64. Three ponies died and 9 were destroyed giving a percentage of 10.84. Table VII (A) gives particulars of casualties.

Casualties (Table VII).

Sales (Table VIII).

65. Only one pony stallion was sold.

II.—MULE BREEDING.

66. Twelve stallions were on the register at the beginning of the year; 3 were added and 4 removed, leaving a closing balance of 11. 15 stallions were employed at stud against 7 last year (table V). The average cost of feed and keep of these animals was Rs. 96-8-4.

Stallions on Register (Table I).

Mares covered (Table V).

67. The number of mares covered were :—

Pony mares	488
Donkey "	341

against 305 and 272 respectively last year.

The average number of mares covered per stallion was :—

Pony mares	48.8
Donkey "	68.2

against 43.57 and 30.22 respectively last year.

68. The result of the previous year's coverings are :—

Mule foals	70
Donkey foals	60

Produce (Table VI).

against 68 and 45 respectively in the previous year.

The percentage of foals to coverings was 25.90 for mules and 28.43 for donkeys against 22.74 and 20.36 last year.

HORSE FAIRS AND SHOWS.

69. Table XIV is an abstract of particulars regarding horse fairs and shows held during the year.

RAWALPINDI CIRCLE.

70. Two fairs were held in this Circle. The number of animals present was 5,987 against 4,099 in the previous year and the number competing 964 against 798. The number of remounts purchased was 36. 274 mules were purchased by Government and 1,469 by others.

Gujrat.—There was an increase of 238 animals present as compared with last year. A large number of mares have gone from this district to the Jhelum Canal Colony. 10 horses and 9 mules were purchased by Government.

Rawalpindi.—There was a large increase in the total number of animals present, viz., 4,963 against 3,410 last year. The increase is due chiefly to the large number of young mules present. 3 horses were purchased for this department and 23 for Native cavalry. 75 mules were purchased for this department and 26 for the Hissar Cattle farm.

JHELUM CANAL COLONY CIRCLE.

71. Four shows were held in this Circle. The number of animals present was 10,594 against 7,907 last year and the number competing 3,759 against 1,424. The number of remounts purchased was 38. 12 mules were purchased by Government and 13 by others.

Lyallpur promises to become one of the most important shows in India. It is already bigger than the old established and noted Shahpur fair. The total number of animals present was 3,477 against 938 of Shahpur this year and 1,230 last year. Although only 1 remount and 4 mules were bought for Government, no fewer than 223 animals changed hands for the sum of Rs. 23,192, while the total amount realised by sales of animals at the Shahpur fair did not exceed Rs. 19,364.

Gujranwala.—A small show at which very few animals were sold this year. There were 748 animals present against 689 last year. 220 competed for prizes against 230 last year. There were no young stock horses suitable for Government purposes and no Native Cavalry or police remounts were purchased. 2 mules were purchased for Government.

Jhang.—There was a decrease of 497 in the number of animals present and of 86 in those competing for prizes. The formation of the new Lyallpur District by which a great part of the Colony was taken away from the Jhang District is largely responsible for this marked falling off. No remounts or mules were purchased.

Shahpur compared very favourably with those of former years in spite of the fact that a very great number of good mares have been transferred from this district to the Jhelum Canal Colony. The number of animals present was 938 against 1,230 last year and the number competing 427 against 543. 17 remounts were purchased by this Department and 14 for native cavalry. 8 mules were purchased: 6 by Government, 2 by others.

Sargodah.—This was the first show ever held at Sargodah. In spite of the fact that there was a good collection of brood mares and young stock, very little business was done. This was due in part to the inexperience of the colonists and in part to a scarcity of purchasers. No "Bhojpuries" or other dealers visited this fair although there were many at the Shahpur fair which was held only a few days earlier.

LAHORE CIRCLE.

72. Five fairs were held in this Circle. There was a large increase this year in Amritsar (Dewali), Jalalabad, Multan, Dera Ghazi Khan and Amritsar (Baisakhi). the number of animals present, viz., 15,436 against 13,555 last year, but there was a decrease in the numbers competing, viz., 1,313 against 1,344. The number of remounts purchased was 294. 196 mules were purchased by Government and 1,246 by others. The Jalalabad fair which was abandoned last year was again held this year.

Amritsar (Dewali).—There was an increase of 567 animals attending the fair. 11 remounts were purchased for Government and 87 for Native cavalry. 15 mules were purchased for Government and 62 for Native cavalry. A good many animals were also bought for the Jaipur State, Bombay Tramway Company, etc.

Jalalabad.—A decrease of 720 as compared with 1903 chiefly due to the large number of animals that have died or been destroyed for "surra" and also in some measure to the inclement weather. 3 remounts were purchased for Government, 10 for Native cavalry and 2 for Police. 10 mules were purchased for Government.

Multan.—There was a decrease of 94 animals in the number attending the fair. It was not a good fair for remounts, either British or Native cavalry. No horses were purchased for Government, but 12 young stock were purchased for Native cavalry. 20 mules were bought for Government. The number and quality of the mules, a large number of which belonged to zamindars, was the chief feature of the show.

Dera Ghazi Khan.—The success of the show this year was marred by the fact that owing to there being plague in the city the fair was held $2\frac{1}{2}$ miles out, the city itself being put out of bounds. 10 remounts were bought for Government, 64 for Native cavalry, 1 mule for Government and 14 for Native cavalry. The number and stamp of mules was disappointing.

Amritsar (Baisakhi).—The number attending the fair was 5,118 against 4,718 last year. There would have been a greater increase still but for the earthquake which took place two days before the commencement of the fair. 8 remounts were purchased for Government and 87 for Native cavalry. 33 mules were purchased for Government and 117 for Native cavalry.

BALUCHISTAN CIRCLE.

73. Five shows were held. There was a large increase in the number of animals present, viz., 5,138 against 3,459 last year. The numbers competing also show an increase, viz., 4,972 against 3,404 last year. The number of remounts purchased was 482. 72 mules were purchased by Government and 10 by others.

Quetta.—The total number of animals exhibited was 954 against 590 last year showing an increase of 364. The number of remounts purchased was 3 by Army Remount Department, 131 by Native cavalry and 108 by Police. 2 mules by Army Remount Department and 5 by Native cavalry were purchased. Branded mares and fillies, 2-year old fillies, yearling colts, geldings and foals—colts and fillies—were well represented and of good quality. Remaining classes were indifferent.

Sibi.—The number of animals exhibited was 646 against 785 last year. The decrease is due to the failure of rain in Kachi and consequent scarcity of fodder and to the inclemency of the weather both before and during the horse-show. 9 remounts and 2 mules were purchased. The quality of the classes at the show was as usual excellent.

Jacobabad.—The number present was 1,502 against 1,404, a small increase of 98 on the last show. 12 remounts were purchased by Army Remount Department, 67 by Native cavalry and 112 by Police. The number of mules purchased at this show was 41 by Army Remount Department and 5 by Native

cavalry. Brood mares, branded fillies, 2-year old fillies, yearling colts and geldings and yearling mules were above the average and well represented. Remaining classes were poor.

Talhar.—1,474 animals were present at the show against 932 last year. The large increase is due to the great interest taken in horse breeding by Mr. Ferrers, Assistant Collector, Tando Division. 19 remounts were purchased for Police and 12 mules by Army Remount Department. With the exception of branded mares and yearling mules a most indifferent lot of animals was shown.

Shikarpur.—The number exhibited was 562 against 426 last year. 21 remounts were purchased, *i.e.*, 1 by Army Remount Department and 20 by Levies and Police. 15 mules were bought by the Army Remount Department. All classes shown were well represented and of good quality, a great improvement on former years.

UNITED PROVINCES CIRCLE.

74. Four fairs were held in this Circle. The number present was 6,221 against 7,975 last year and the number competing 1,615 against 1,735. The decrease is due to the Garhmuktesar fair not having been held during the year under report. 107 remounts were purchased. 14 mules were purchased by Government.

Aligarh.—There was a decrease of 301 as compared with the attendance of the previous year. The decrease was due to frosts on account of which many owners who would otherwise have brought their animals to the fair were occupied with trying to save some of their crops by watering, etc. 5 remounts and 2 mules were purchased for this Department and 6 remounts for Native and Imperial Service cavalry regiments.

Bulandshahr.—1,193 animals were present as compared with 1,299 last year. The decrease is attributed to the frosts and unsettled weather. 16 remounts and 4 mules were purchased for this department, and 16 remounts for Native cavalry regiments.

Muzaffarnagar.—2,075 animals attended as compared with 1,950 the previous year and 410 competed against 394 last year. 10 remounts and 4 mules were purchased for this department. 8 remounts were purchased for Native and Imperial Service cavalry regiments.

Nauchandi.—This fair was held outside the period of the year under report, *viz.*, from 3rd April to 10th April 1905. 1,750 animals attended as compared with 1,730 last year. 577 competed against 518 last year. 16 remounts and 4 mules were purchased by this department. 30 remounts were purchased for Native and Imperial Service cavalry regiments.

DECCAN CIRCLE.

75. Only one show is held in this Circle. 482 animals were present and competed against 507 last year. Only one remount was purchased. The judges pronounced the show to be disappointing and the quality of the stock poor except the three-year old fillies which were very good and promising. The falling off in the show is directly traceable to plague and famine against which it is impossible to struggle, and does not necessarily imply that horse-breeding in this district is on the wane; in fact the exorbitant prices asked (and in many cases obtained) by breeders for anything of merit shows that there is a good demand for well bred stock and that the people realize that the horse-breeding industry is a lucrative one.

GENERAL

Equine Diseases.

76. Dourine was prevalent in the Dera Ghazi Khan District of the Lahore Circle and interfered much with breeding operations. In the United Provinces Circle there was only one fresh case of this disease among the Imperial stallions and two fresh cases among the Provincial pony stallions. Major Pease, Principal of the Punjab Veterinary College, toured through the Aligarh, Bulandshahr and Dera Ghazi Khan Districts in connection with his investigation of this disease.

There was a small outbreak of surra in the Ferozepore district which necessitated the suspension of coverings at Ferozepore and Muktesar stands for a short period and for a long period at the Jalalabad stand. 25 cases of surra occurred in the Jhelum Canal Colony Circle. 20 of these occurred in the Jhelum Canal Colony. The cases were confined to a very limited area and can be satisfactorily accounted for by the water-logged condition of the areas due to the peculiar non-perculative properties of the soil. The Colonisation Officer is transferring horse-breeding colonists away from these villages and a recrudescence of the disease need not be anticipated.

One case of glanders occurred in the Jhelum Canal Colony. There is little doubt that this case was contracted in Sialkot. All the stock in the neighbourhood were subjected to strict isolated segregation until they had been twice tested with mallein and until subsequently declared free of the disease.

Two stallions died from anthrax in the Baluchistan Circle. Strict precautions were taken against the spread of the disease and were successful, no further cases having occurred.

Health.

77. Plague was prevalent around almost all the stands of the Deccan Circle, but the Circle establishment was not effected. A virulent outbreak of plague occurred during the months of April and May and part of June 1904 in the Jhelum Canal Colony and imposed a very severe check on the development of the horse-breeding scheme owing to the flight of the colonists with their mares. This resulted in the colony being practically denuded of mares for about eight weeks of the most important part of the covering season. Stallions were however sent to and temporarily accommodated in the districts to which mares had been removed and this measure to some extent mitigated the inevitable results of the exodus.

Appendix I.

Statement showing year by year—

(a) The number of young stock present on the 1st of April,

(b) The casualties between April 1st and March 31st,

(c) The percentage of casualties,

of young horse stock purchased at an age lower than 18 months, and between June 1899 and the 31st March 1905.

Year of purchase,	Number present at the opening of the year.	Number purchased during the year.	CASUALTIES DURING THE YEAR.			Number on which percentage is calculated, i.e. total of columns 2 and 3.	Percentage of casualties.	Issued to service.	Present at the close of the year.
			Died and destroyed.	Cast and sold.	Total.				
1	2	3	4	5	6	7	8	9	10
1899-00	...	27	1	1	2	27	7.4	...	25
1900-01	...	24	1	1	2	49	4.08	...	47
1901-02	...	32	3	4	7	79	8.86	...	72
1902-03	...	52	11	5	16	104	15.38	5	83
1903-04	...	66	8	5	13	149	4.66	18	124
1904-05	...	175	(a) 16	(b) 11	27	299	9.4	20	280

(a) 7 died from pneumonia, 4 from strangles, 1 from concussion of the brain, and 1 from abscess of the liver, 1 destroyed for fracture of the tibia, 1 for injury from a kick, and 1 for dislocation of thigh.

(b) 7 cast as unsuitable, 1 for cataract both eyes, 1 for rupture near eye, and 1 for fracture of the pelvis.

Appendix II.

Statement showing the COMMISSIONS given to shippers during 1904-05, the number of HORSES PRESENTED and the number PURCHASED.

CALCUTTA.				MADRAS.				BOMBAY.			
Names of shippers.	Commissioned.	Presented.	Purchased.	Names of shippers.	Commissioned.	Presented.	Purchased.	Names of shippers.	Commissioned.	Presented.	Purchased.
Mr. C. F. Glasscock	328	373	328	Messrs. Kerrouse, Madden and Mackinnon	551	640	563	Mr. Baldock	176	410	231
" J. Gove	308	400	317	Mr. Gidney	170	231	170	" Naples	149	221	144
" S. Margrett	282	317	282	" Derham	181	273	183	" Tullock	173	358	137
" H. Hurley	279	342	279	" W. J. Keates	134	196	138	" Hunter	141	225	107
" W. J. Lyons	227	260	215	" Uncommissioned	11	...	...	" Cotgrave	71	100	56
" M. F. Howard	189	234	189	MADRAS CAVALRY.				" Leopold Hauser	100	98	95
" R. McKenna	181	205	181	Mr. J. S. Love	100	120	103	Uncommissioned	9	...	44
" R. Gilder	179	226	179					MADRAS CAVALRY.			
" S. F. Reynolds	177	230	177					Mr. Baldock	20	60	46
" J. Gascard	176	213	176					" Cotgrave	20	20	8
" H. P. Vanrenes	173	215	173					" Moran	14	...	...
" J. S. Love	141	201	141								
" M. L. Paterson	104	120	99								
" W. Hawkins	52	80	52								
" H. Hegarty	33	55	34								
" F. Shiels	17	22	17								
Colonel Brough	250	100	91*								
Messrs. Moncrieffe	100	93	87								
Colonel Mackay	45	90	45								
Uncommissioned	12	...	20								
TOTAL	3,253	3,775	(a) 3,082	TOTAL	1,157	1,460	1,157(b)	TOTAL	873	1,492	868 (c)

* Landed at Karachi.
(a) This includes 1,293 Reorganisation horses.
(b) " " 407 " "
(c) " " 300 " "

Appendix III.

Shippers commissioned to import horses during 1905-06.

CALCUTTA.		MADRAS.		BOMBAY.	
Shippers.	Number commissioned.	Shippers.	Number commissioned.	Shippers.	Number commissioned.
Mr. C. F. Glasscock ...	187	Messrs. Krcrouse, Madden and Mackinnon ...	230	Messrs. Baldock and Gove ...	158
Messrs. Baldock and Gove ...	174	Mr. Gidney ...	100	Mr. J. L. Tullock ...	181
Mr. S. Margrett ...	159	" Derham ...	100	" R. J. Hunter ...	93
" H. Hurley ...	158	" W. J. Keates ...	70	" T. C. Naples ...	181
" W. J. Lyons ...	129	Uncommissioned ...	12	" G. W. Cotgrave... ..	37
Messrs. M. F. Howard and Reidy ...	108			Uncommissioned ...	7
Mr. R. McKenna ...	104	MADRAS CAVALRY.			
" A. Gilder ...	102	Mr. J. S. Love ...	120	MADRAS CAVALRY.	
" S. F. Reynolds ...	102			Messrs. Baldock and Gove ...	66
" J. Gascard ...	101				
" H. P. Vanrenen ...	97				
" J. S. Love ...	80				
" M. L. Paterson ...	60				
" W. Hawkins ...	29				
" H. Hegarty ...	20				
" F. Shiels ...	9				
Uncommissioned ...	12				
TOTAL ...	1,631 (a)	TOTAL ...	632 (b)	TOTAL ...	223

(a) This includes 75 to replace castings and casualties among the Reorganisation horses.
 (b) " 15 " " " " " " "
 (c) " 10 " " " " " " " "

Appendix IV.

Statement showing the names of the places where the 293 country-bred stock were purchased during the year 1903-04, the number bought and the names of the officers buying them.

Names of places.	No.	By whom purchased.
Amritsar	18	Captain S. A. M. Orr.
Quetta	3	Major H. McN. Patterson.
Sisowna	2	Major B. J. H. Humfrey.
Babugarh	3	Ditto.
Masauts	2	Ditto.
Aligarh	5	Ditto.
Mona	118	Captain C. F. Templer 118. Lieutenant I. Bruce 5
Sargodha	10	Colonel Goad 1. Captain C. F. Templer.
Jalalabad	3	Captain S. A. M. Orr.
Fatehjang	1	Captain A. C. Stewart.
Khanda	1	Ditto.
Pindigheb	1	Ditto.
Gojra	1	Lieutenant Bruce.
Newan Jhang	1	Ditto.
Lyallpur	1	Ditto.
Sangla	1	Ditto.
Salarwala	1	Ditto.
Dera Ghazi Khan	22	Captain S. A. M. Orr.
Churian	1	Ditto.
Bulandshahr	16	Major B. J. H. Humfrey.
Jowra	1	Lieutenant I. Bruce.
Shahpur	17	Captain C. F. Templer.
Muzaffarnagar	10	Major B. J. H. Humfrey.
Gujrat	2	Captain E. Brown.
Rawalpindi	3	Ditto.
Ahmednagar District	3	Lieutenant-Colonel R. Broome.
" Fair	1	Ditto.
Palitana	3	Ditto.
Bhavnagar	7	Ditto.
Rajkote	6	Ditto.
Wankaner	2	Ditto.
Ahmednagar District	1	Captain A. Hewlett.
Ditto	6	" E. Loch.
Kathiawar	2	" "
Jacobabad	12	Major McN. Patterson.
Sibi	2	Ditto.
Shikarpur	1	Ditto.
Pushkar Fair	1	Captain T. G. Peacocke.
Joahpore	2	Ditto.
TOTAL	293	

Appendix V.

Statement showing the names of officers who purchased the 92 country-bred stock that were issued to the British service, or cast and sold during the official year 1904-05 with fit and unfit proportions of those purchased by each.

Name of purchasing officer.	British service.	Cast and sold.	Total.	REMARKS.
Colonel H. Goad ...	3	...	3	
„ R. Broome ...	23	3	26	
Major C. Gough ...	9	5	14	
„ H. Paterson ...	...	2	2	
Captain C. Templer ...	10	4	14	
Major B. Humfrey ...	...	3	3	
Captain A. C. Stewart ...	...	1	1	
„ F. Shakespear ...	3	4	7	
„ L. T. Hay ...	2	1	3	
Colonel J. Morgan ...	2	...	2	
Captain F. D. Hunt ...	3	1	4	
„ F. Joslen ...	...	4	4	
Stray Drops ...	4	5	9	
TOTAL ...	59	33		

Appendix VI.

Statement showing the names of the places at which the 92 country-breds were obtained that were either issued to the British service or cost and sold during the official year 1903-04 with fit and unfit proportion from each place.

Name of place at which purchased.	British service.	Cast and sold.	Total.	REMARKS.
Rawalpindi ...	2	...	2	
Babugarh ...	...	4	4	
Gurhmuktesar ...	...	...	...
Bulandshahr ...	2	2	4	
Amritsar ...	...	...	...
Meerut (Nowbandi) ...	1	2	3	
Bhag ...	...	...	...
Shahpur ...	1	2	3	
Quetta ...	7	1	8	
Sibi ...	4	1	5	
Dera Ghazi Khan ...	3	1	4	
Toba Tek Singh ...	1	...	1	
Bombay ...	1	1	2	
Aligarh ...	...	1	1	
Wadhwan ...	1	...	1	
Muzaffarnagar ...	...	...	...
Jodhpur ...	3	...	3	
Pooná District ...	2	...	2	
Palitana ...	1	...	1	
Ahmedabad ...	1	2	3	
Kalra ...	1	...	1	
Bhavnagar ...	2	...	2	
Wankanir ...	1	5	6	
Jacobabad ...	4	5	9	
Khankadugran ...	...	1	1	
Ahmednagar District ...	3	...	3	
" Fair ...	8	...	8	
Rajkote ...	6	1	7	
Bombay ...	...	1	1	
Depôt foals ...	4	5	9	
TOTAL ...	59	33	92	

TABLE I.

Return of Government HORSE, PONY AND DONKEY STALLIONS for the year 1904-05.

Details.	GOVERNMENT HORSE AND PONY STALLIONS.										GOVERNMENT DONKEY STALLIONS.													
	HORSES.							PONIES.			Total horses and ponies.													
	Thorough-bred English.	H. B. E.	Hackney.	Australian.	Shud-bred.	Country-bred.	Total.	Arab.	Country-bred.	Total.		Spanish (Orizoulou).	Arab.	Home-bred.	Italian.	American.	Persian.	Cyprian.	Ghaunt.	Meehed.	Chinese.	Zanzibar's.	Ponjol and country-bred.	Total.
Balance on 1st April 1904	87	1		80	143	1	8	298	8	1	9	307	85	8	3	95	9	9	144	1	2	1	48	348
Increase																								
Received by Importation	13			11	4			27				27												30
from Civil Veterinary Department																								30
" Malerkotla State																								8
" Madras Mule Breeding Company																1								1
" Ahmednagar Depot								3		1	1	4												1
" Hazara District Board					1			1				1												
Lent by Malak Umar Hayat Khan								1				1												
Received from Junagadh Durbar								1				1												
Purchased in India	1				22			24				24												
Total	100	1		71	170	1	13	355	8	2	10	363	85	8	3	95	9	9	147	1	2	2	49	373
Decrease																								
Died	2			2	4			8				8	2		1	2		1						9
Destroyed	4			5	7		1	17				17	1		3			1						9
Sold					5			5				5	1	1		5	1	2	8				1	23
Transferred to Malerkotla State																		1						1
" Madras Mule Breeding Company																1								1
" Imperial Bacteriologist					1			1				1												
" Junagadh																								
Cut and transferred to Hapur Depot	1							1				1												
Transferred to Lahore Veterinary College	1							1				1												
Total	9			7	17		1	34				34	4	1	1	10	2	2	11			2	1	41
Balance on 31st March 1905	91	1		64	153	2	10	321	8	2	10	331	81	6	1	75	7	6	135	1	2		49	332
Rawal Pindi Circle	11			6	9			26				26	9	1	1	53	6	1	69					119
Jhelum Canal Colony Circle	21			28	80		5	99				99	3		10	7		16					8	64
Lahore	13	1		11	20	1		46				46	6	1	19	1	3	23		1			5	69
Baluchistan	10			6	34			50				50	6	1	13	3	1	15	1	1				148
United Provinces	31			14	39		2	76				76	3	2	10	11	1	24					6	57
Deccan	5			4	11	1	2	22			2	24												
Total	11	1		64	153	2	10	321	8	2	10	331	81	6	1	75	7	6	135	1	2		49	332

IMPERIAL.

TABLE II.

Statement showing the *AGES OF STALLIONS* on the register on 31st March 1905.

Circle.	HORSES AND PONIES.				DONKEYS.				REMARKS.
	Up to 10 years.	Over 10 and up to 15 years.	Over 15 years.	Total.	Up to 10 years.	Over 10 and up to 15 years.	Over 15 years.	Total.	
Rawal Pindi	10	11	5	26	57	53	9	119	
Jhelum Canal Colony	58	29	13	99	27	13	4	44	
Lahore	10	23	8	41	27	36	6	69	
Baluchistan	19	25	6	50	14	24	5	43	
United Provinces	20	17	1	38	18	17	2	37	* Allotted stallions; 34 unallotted not shown. † Allotted stallions; 20 unallotted not shown.
Deccan	14	13	7	34	
Total	131	123	39	293	143	143	26	312	

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TABLE III.

Cost of Feed and keep of Stallions during 1904-05.

Circle.	AVERAGE COST PER STALLION PER ANNUM					
	HORSE.		PONY.		DONKEY.	
	Year under report.	Previous year.	Year under report.	Previous year.	Year under report.	Previous year.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rawalpindi	359 8 7	327 7 0	...	...	190 7 2	155 7 0
Jhelum Canal Colony	282 14 9	342 11 8	...	...	136 3 9	189 8 11
Lahore	329 5 9	344 1 11	...	...	141 10 4	145 13 7
Baluchistan	425 8 1	445 2 8	...	...	274 5 0	291 2 5
United Provinces	303 7 3	288 15 8	...	...	140 14 4	147 6 5
Deccan	363 0 0	434 0 0	341 0 0	371 0 0
General average	343 15 6	363 11 9	341 0 0	371 0 0	178 10 5	175 14 1

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TABLE IV.

Services of Horse and Pony Stallions during 1904-05.

Horse or pony.	Circle.	Stallions on register at end of year.	Stallions actually employed at stud.	Number of mares covered.	AVERAGE OF MARES COVERED PER STALLION EMPLOYED AT STUD.	
					Year under report.	Previous year.
Horse ...	Rawalpindi ...	26	21	1,079	51'03	60'04
" ...	Jhelum Canal Colony ...	99	65	4,033	62'04	85'85
" ...	Lahore ...	46	37	2,077	55'13	67'10
" ...	Baluchistan ...	50	52'8	1,853	85'58	83'01
" ...	United Provinces ...	83	33	1,061	82'15	67'1
Horse and Pony ...	Doonan ...	84	23'75	1,047	85'20	85'03
		293	238'55	11,150	46'74	50'73

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TABLE V.

Produce of Horse and Pony Stallions during 1904-05.

Horse or pony.	Circle.	STALLIONS ACTUALLY EMPLOYED AT STUD.	NUMBER OF MARES COVERED.	RESULT OF PREVIOUS YEAR'S COVERING.			Average of produce per stallion.
				Previous year.	Previous Year.	Number of produce.		Number not held.	Number not known.
Horse	Rawalpindi	24	1,400	627	611	192	14.45
"	Jhelum Canal Colony	55	8,005	641	1,463	609	16.68
"	Lahore	40	2,634	809	1,269	637	20.07
"	Baluchistan	55.70	1,839	461	609	230	9.89
"	United Provinces	68	1,156	639	631*	147	6.1
Horse and Pony	Deccan	29.41	1,030	329	654	47	11.19
	Total	220.11	11,164	3,899	5,895	1,970	14.99

† Includes 56 stunks.

* Includes 24 aborted.

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TABLE VI.

Services of Donkey Stallions during 1904-05.

Circle.	Stallions on register at end of year.	DONEY STALLIONS ACTUALLY EMPLOYED AS STUD.		NUMBERS OF MARES COVERED.		AVERAGE OF MARES COVERED PER STALLION EMPLOYED AS STUD.			
		For mule-breeding.	For donkey-breeding.	Pony.	Donkey.	PONY MARES.		DONEY MARES.	
						Year under report.	Previous year.	Year under report.	Previous year.
Rawal Pindi	119	63	10	4,048	1,209	77.11	80.88	70.5	64.38
Jhelum Canal Colony	44	50	3	3,374	89	73.9	80.04	29.5	36.6
Lahore	69	63	4	4,673	239	70.98	73.40	59.75	60.00
Balochistan	43	87.66	3.40	1,761	115	46.40	53.34	67.91	33.70
United Provinces	27	35	9	603	84	33.70	40.50	13	18.53
Dacca	--	--	--	--	--	--	--	--	--
Total	313	216.66	32.40	13,324	1,706	63.09	66.44	51.27	44.73

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TABLE VII.

Produce of Donkey Stallions during 1904-05.

Circle.	DONKEY STALLIONS ACTUALLY EMPLOYED AT STUD.		NUMBER OF MARES COVERED.		RESULT OF PREVIOUS YEAR'S COVERINGS.						AVERAGE PER STALLION.		REMARKS.	
	For MULE-BREEDING.	For DONKEY-BREEDING.	Foal MARES.	DONKEY MARES.	Foal MARES.			DONKEY MARES.			Foal MARES.	DONKEY MARES.		
	Previous year.	Previous year.	Previous year.	Previous year.	Number of mule produce.	Number not held.	Number not known.	Number of donkey produce.	Number not held.	Number not known.	Mule produce.	Donkey produce.		
Rawal Pindi	59	11	4,761	710	1,133	2,839	789	193	421	96	19-20	17-54		
Jhelum Canal Colony	21	5	1,681	191	294	1,109	288	41	110	40	13-52	8-2		
Lahore	56	4	4,226	232	946	1,897	1,383	44	133	55	16-89	11-00		
Baluchistan	38-48	61	2,049	20	321	1,398	330	6	9	5	8-34	9-33		
United Provinces	31	6	1,545	110	158	1,020	367	31	67	12	5-09	5-16		
Dacca	
Total	205-48	26-61	14,262	1,263	2,842	8,268	3,157	315	740	208		
General average	19-83	11-33		

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TABLE VIII.

Number of COLTS CASTRATED during 1904-05.

Circle.	HORSE STOCK.		MULE STOCK.		TOTAL.		NUMBER OF DEATHS RESULTING FROM CASTRATION.		REMARKS.
	Year under report.	Previous year.	Year under report.	Previous year.	Year under report.	Previous year.	Year under report.	Previous year.	
Rawalpindi	38	87	13	7	51	74	...	...
Jhalum Canal Colony	370	152	13	3	383	155	1	...	
Lahore	400	183	69	19	469	202	...	...
Baluchistan	357	284	2	4	359	288	...	...
United Provinces	294	292	32	31	326	323	
Deccan	11	11	
Total	1,470	978	129	64	1,599	1,042	1	...	

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TABLE IX.

Abstract of PRIZES WON BY the PRODUCE OF Government STALLIONS at Horse Fairs during 1904-05.

Class of sires.	Number of sires of each class	NUMBER OF PRIZES AWARDED.					PROPORTION OF PRIZES TO EACH SIRE.				
		1st Prize.	2nd Prize.	3rd Prize.	Other Prizes.	Total.	1st Prize.	2nd Prize.	3rd Prize.	Other Prizes.	Total.
Thorough-bred English	129	104	72	82	354	612	.806	.56	.64	2.74	4.74
Hackney and Norfolk Trotters, $\frac{1}{2}$ and $\frac{3}{4}$ bred English.	31	4	9	5	38	56	.13	.29	.16	1.22	1.80
Australians	90	62	65	56	332	515	.69	.72	.62	3.69	6.72
Arabs	159	85	69	72	313	639	.53	.43	.45	1.96	3.39
Stud-breds	1	...	3	...	7	10	...	3.0	...	7.00	10.0
Country-breds	1	1	...	...	...	1	1	...	...	...	1.0

TABLE X.

Abstract of country-bred Remounts purchased during the year 1904-05.

By whom purchased.	No. purchased.	PEDIGREES.		PERCENTAGE OF PEDIGREES.		REMARKS.
		Furnished.	Not furnished.	Furnished.	Not furnished.	
Army Remount Department	270	252	18	93.3	6.7	
Native Cavalry Regiments	766	195	571	25.45	74.55	
North-West Frontier Police	21	...	21	...	...
United Provinces "	20	...	20	...	...
Punjab "	12	...	12	...	...
Bombay Presidency "	9	...	9	...	...
Baluchistan and Sindh Police	294	...	294	
Imperial Service Troops	88	...	38	
Total	1,430	447	983	31.25	68.75	

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TABLE XI.

Abstract of CASUALTIES of Horse, Pony, and Donkey STALLIONS during the year 1904-05..

Circles.	NUMBERS DIED.			NUMBERS DESTROYED.			TOTAL.			PERCENTAGE OF CASUALTIES.			REMARKS.
	Horse.	Pony.	Donkey.	Horse.	Pony.	Donkey.	Horse.	Pony.	Donkey.	Horse.	Pony.	Donkey.	
Bawalpindi	1	...	8	8	...	...	8	...	8	7.09	...	2.47	
Jhelum Canal Colony	...	...	...	4	...	1	4	...	1	6.45	...	3.84	
Lahore	...	...	8	4	...	4	4	...	7	7.84	...	10.29	
Baluchistan	4	...	2	1	...	1	5	...	8	9.61	...	7.50	
United Provinces	8	...	1	5	...	1	8	...	2	11.11	...	2.27	
Deccan	...	...	...	1	...	...	1	...	...	4.54	...	...
Total	8	...	9	17	...	7	25	...	16	8.39	...	4.68	

NOTE.—The percentages are calculated on stock existing at the beginning of the year under report.

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TABLE XI (A).

CASUALTY ROLL of Horse and Donkey STALLIONS, 1904-05.

Brand No.	Name.	Class.	Casualty.	Cause of Casualty.
RAWALPINDI CIRCLE.				
HORSES.				
252	Counla	T. B. E.	Destroyed	Dourine.
107	Quay	Arab	Do.	Do.
2304	Richmond	T. B. E.	Died	Rupture of stomach.
JHELUM CANAL COLONY CIRCLE.				
263	Mutinee	T. B. A.	Destroyed	Dourine.
296	Sir Oliver, II	T. B. A.	Do.	Do.
2230	Shylock	T. B. E.	Do.	Old and worn out.
2621	Quadrangle	Arab	Do.	Chronic foot disease.
LAHORE CIRCLE.				
2284	Java	Arab	Destroyed	Sterile.
259	Royal Admiral	T. B. A.	Do.	Dourine.
26	Quire	Arab	Do.	Do.
43	Realm	T. B. A.	Do.	Do.
BALUCHISTAN CIRCLE.				
2625	Quick-sand	Arab	Died	Enteritis.
118	Querous	Arab	Destroyed	Ophthalmia.
171	Royal Rose	T. B. A.	Died	Anthrax.
130	Cascade	T. B. A.	Do.	Do.
2351	Chetwa	Arab	Do.	Colic.
UNITED PROVINCES CIRCLE.				
2670	Quake	Arab	Destroyed	Dourine.
299	St. George, II	T. B. A.	Do.	Do.
370	St. Expedit.	T. B. E.	Died	Peritonitis.
164	Knight	Arab	Do.	Accident; fracture of neck.
2315	Namaiah	Do.	Destroyed	Old and worn out.
2330	Benyglass	T. B. E.	Do.	Dourine.
411	Gold cup	Arab	Died	Choking.
396	Lord Jummy	T. B. E.	Destroyed	Fracture of humerus.
DECCAN CIRCLE.				
855	Mango	C. B.	Destroyed	Fracture of leg.
DONKEYS.				
RAWALPINDI CIRCLE.				
591	Manji	Persian	Died	Peritonitis.
187	Betal	Horns Bred	Do.	Enteritis.
505	Pegu	Chinese	Do.	Rupture of stomach.
JHELUM CANAL COLONY CIRCLE.				
437	Mirpur	Italian	Destroyed	Barasoa.
LAHORE CIRCLE.				
239	Fatna	Catalonian	Destroyed	Incurably lame; spavin.
289	Gard	Do.	Died	Rabies.
416	Jaithes	Punjabi	Destroyed	Old and worn out.
395	Banawan	Do.	Do.	Ditto.
352	Pekin	Chinese	Died	Snakobita.
261	Birkha	Cyprian	Do.	Colic.
360	Ethi	Italian	Destroyed	Fracture of leg.
BALUCHISTAN CIRCLE.				
149	Mirnapur	Catalonian	Died	Tetanus.
18	Flutas	Italian	Destroyed	Old and worn out.
	Raven	Do.	Died	Enteritis.
UNITED PROVINCES CIRCLE.				
441	Sonali	Italian	Died	Colic.
78	Rajhora	Cyprian	Destroyed	Barasoa.

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TABLE XII.

Government Horse and Donkey STALLIONS SOLD during 1904-05.

Brand No.	Name.	Class.	Age.	Horse, pony or donkey.	Name of purchaser.	Amount sold for.	Cause of sale.
			Year.		RAWALPINDI CIRCLE.		
						Rs.	
210	King Fisher	Arab	7½	Horse	K. B. C. Dhanjebhoy, C.L.E.	350	Spavin.
552	Siwalik	Zanzibar	14½	Donkey	Mathra Singh	46	Bad stock getter.
592	Mewa	Persian	14	Do.	Ditto	45	Bad stock getter.
372	Sabir	Cyprian	7	Do.	Gulab	61	Spavin.
137	Bahadurpur	Catalonian	11½	Do.	Sher Sing	34	Poor coverer and stock getter; chronic skin disease.
220	Mandak	Cyprian	11	Do.	Gulab	60	Slow coverer; poor stock getter.
458	Sirohse	Persian	15½	Do.	Mathra Singh	36	Ditto. ditto.
58	Hamera	Punjabi	11	Do.	Alif Deen	37	Bad conformation; debility.
299	Gola	Italian	8	Do.	Lal	36	Spavin.
27	Amritsar	Punjabi	12	Do.	Sirdar Attar Singh	30	Bad stock getter.
195	Sunana	Cyprian	10	Do.	Bahawal Din	33	Spavin.
233	Pade	Country-bred	6½	Do.	Habibulla	27	Bad stock getter.
166	Pawari	Ditto	8	Do.	Lal	39	Spavin.
238	Cholan	Cyprian	6	Do.	Ramzan	49	Do.
250	Hisab	Do.	6½	Do.	Fazal	56	Do.
565	Dina	Punjabi	14	Do.	Do.	37	Slow coverer and bad stock getter.

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TABLE XII—contd.

Government Horse and Donkey STALLIONS SOLD during 1904-05.

Brand No.	Name	Class.	Age.	Horse pony or donkey.	Name of purchaser.	Amount sold for.	Cause of sale.
			Year.		RAWALPINDI CIRCLE—contd.		
448	Soochra	Italian	17	Donkey	Dayala	26	Old and worn out.
453	Jangaon	Do.	15	Do.	Do.	35	Chronic asthma.
					JHELUM CANAL COLONY CIRCLE.		
342	Quamby	Arab	10	Horse	Mr. J. S. EVANS	130	Bad conformation.
233	Snowstorm	Do.	12	Do.	Imperial Bacteriologist, Bareilly	Free	Under bred; crooked legs and bad action.
					LAHORE CIRCLE.		
101	Katha	Do.	11	Donkey	Haji Kadur Bux	55-8	Very poor coverer and stock getter.
476	Lalobazar	Italian	16	Do.	Ditto	22-12	Bad stock getter and a baratee.
532	Badarro	Do.	15½	Do.	Allah Bux	88	Unfit for breeding purposes; bad stock getter.
					BALUCHISTAN CIRCLE.		
147	Emir	Arab	21	Horse	Returned to General Hunter	—	Old and worn out.
166	Bantoum	Do.	14½	Do.	Deputy Commissioner, Quetta-Pishin	300	Unfit for imperial stud work; sold for covering unbranded mares in Quetta-Pishin.
					UNITED PROVINCES CIRCLE.		
334	Madad	American	6	Donkey	Nabha State	1350	} Military Department letter No. 2651-D., dated 17th May 1905.
425	Mona	Cyprian	6	Do.	Ditto	405	
427	Tota	Do.	6	Do.	Ditto	405	
					DECCAN CIRCLE.		
817	Mogul	Arab	19	Horse	Mr. H. Moore	110	Stable.

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TABLE XIII.

Return of Branded Mares for the year 1904-05.

Details.	BRANDED MARES.					REMARKS.
	For horse-breeding.	For pony-breeding.	For mule-breeding.	For donkey-breeding.	Total.	
Balance on 1st April 1904	15,813	1,752	526		18,091	
Increase { Branded during the year	2,363	170	697		3,230	
{ Received by transfer from other districts	2,456		21		2,477	
Total	20,632	1,922	1,244		23,798	
Decrease { Died	566	25	15		606	
{ Sold or transferred to other districts	1,799	82	8		1,889	
{ Stolen	42				42	
{ Struck-off the register	223	63			286	
Total	2,630	140	23		2,793	
Balance on 31st March 1905	18,002	1,782	1,221		21,005	
Rawalpindi Circle	1,898				1,898	
Jhelum Canal Colony Circle	5,657				5,657*	
Lahore Circle	4,427				4,427	
Baluchistan Circle	3,199				3,199	
United Provinces	2,388	841	1,221		4,550	
Deccan	888	841			1,729	
Total	18,002	1,782	1,221		21,005	

* Of this number 2140 belong to horse-breeding colonists in the Jhelum Canal Colony.

IMPERIAL.

TABLE XIV.

Abstract of particulars regarding HORSE FAIRS AND SHOWS held during the year 1904-05.

Circs.	Number of fairs at Shows held.	Total number of animals present.		Total number competing for prizes.		Total number Horse stock (not including branded mares) present.		Number of remounts purchased.				Price paid for remounts.			Number of mules purchased.			Price paid for mules.			Amount allotted for prizes.																
		Year under report.	Previous year.	Year under report.	Previous year.	Belonging to breeders.	Belonging to dealers.	For Remount Department.	For Native Cavalry.	For Police.	Total.	Highest price.	Lowest price.	Average price.	By Government.	By others.	Total.	Highest price.	Lowest price.	Average price.	From Imperial Funds.	From Provincial Funds.	From Local Funds.	From private subscriptions.	Total.	Amount actually awarded.	Number of medals awarded.										
																												Rs.	Rs.	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs.	Rs.	Rs. A. P.	Rs.
Rawalpindi	3	5,067	4,000	664	700	1,373	214	5	81	...	30	528	100	751	12	10	274	1,469	1,743	375	4	164	3	5	3,300	750	...	...	3,050	0	0	5					
Jhalum Canal Colony	4	6,061	5,377	8,653	1,131	7,878	8	18	20	...	30	310	100	250	15	3	13	13	25	228	39	146	3	4	3,400	1,849	...	...	5,249	0	0	5,176	5				
Lahore	6	15,436	13,552	1,313	1,344	6,540	6,125	31	260	2	294	620	50	164	10	10	196	1,266	1,412	285	18	120	12	2	4,400	561	100	0	0	800	0	0	6,761	0	0	3,451	5
Balochistan	6	6,133	3,459	4,972	3,404	3,454	Not known.	27	198	267	493	506	80	109	12	0	72	10	81	350	47	141	12	9	5,800	...	8,593	0	0	...	14,836	0	0	13,574	5		
United Provinces	4	6,231	7,975*	1,616	1,735*	3,280	3,301	47	80	...	107	480	120	203	7	0	14	...	14	250	50	175	7	0	4,580	3,207	...	...	7,787	0	0	7,063	4				
Dacca	1	482	607	462	507	371	...	1	...	...	1	125	125	125	0	0	...	...	...	...	...	...	...	...	3,000	...	3,000	0	0	0	0	0	4,000	0	0	1,770	1
Total	21	62,215	34,472	12,919	8,920	27,374	8,642	120	569	269	958	620	50	313	4	0	668	2,738	3,306	375	4	137	6	11	33,360	6,767	10,833	0	0	306	41,079	0	0	30,338	23		

IMPERIAL.

TABLE XV.

Comparative statement showing results of coverings done during the years 1898-99 to 1903-04.

1898-99.			1899-1900.			1900-01.			1901-02.			1902-03.			1903-04.			REMARKS.
Number of mares covered.	Number of foals born.	Percentage of foals born.	Number of mares covered.	Number of foals born.	Percentage of foals born.	Number of mares covered.	Number of foals born.	Percentage of foals born.	Number of mares covered.	Number of foals born.	Percentage of foals born.	Number of mares covered.	Number of foals born.	Percentage of foals born.	Number of mares covered.	Number of foals born.	Percentage of foals born.	
18,694	8,690	24.72	14,540	8,006	26.72	14,360	8,484	24.28	18,056	4,018	20.68	10,862	2,599	23.64	11,104	2,809	29.58	

PROVINCIAL.

Table I.

Return of District Pony and Donkey Stallions for the year 1904-05.

Details.	DISTRICT PONY STALLIONS.				DISTRICT DONKEY STALLIONS.				
	Arab.	Persian.	Country-bred.	Total.	Italian.	Country-bred.	Cyprian.	Home-bred.	Total.
Balance on 1st April 1904 ...	79	2	3	83	7	2	1	2	12
Increase {	Purchased in India ...	20	...	3	23	...	...	...	...
	By transfer from C. V. D.	3	...	...	3	1	2	...	3
	Presented by A. B. fforde, Esq., Collec- tor, Bulandshahr.	1	...	...	1	...	...	...	...
Total ...	103	2	4	109	8	4	1	2	15
Decrease {	Died ...	3	...	...	3	2	1	...	3
	Destroyed ...	6	1	...	6	...	...	...	...
	Sold ...	1	...	...	1	...	1	...	1
Total ...	9	1	...	10	2	2	...	...	4
Balance on 31st March 1905 ...	94	1	4	99	6	2	1	2	11
Rawalpindi Circle ...	14	1	...	15	3	2	1	...	6
Jhelum Canal Colony ...	20	...	2	22	...	...	...	...	...
Lahore ...	21	...	2	23	3	...	...	2	6
Baluchistan ...	1	...	...	1	...	...	...	...	...
United Province ...	38	...	...	38	...	...	...	...	...
Total ...	94	1	4	99	6	2	1	2	11

N. B.—Owing to the incorrect figures given by the District Boards, the balance on 31st March 1904 shown in last year's annual report was incorrect.

The 4 Donkey Stallions shown as present on 31st March 1904 in Jhelum Canal Colony Circle, were the Imperial Stallions lent to the District Boards. This year they have been included in the Imperial Report.

PROVINCIAL.

Table II.

Cost of feed and keep of District Stallions during 1904-05.

Circle.	AVERAGE COST PER STALLION PER ANNUM.			
	HORSE AND PONY.		DONEY.	
	Year under report.	Previous year.	Year under report.	Previous year.
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Rawalpindi ...	248 10 8	250 7 11	114 0 0	191 18 8
Jhelum Canal Colony ...	249 11 2	236 2 2	...	...
Lahore circle ...	233 12 6	207 12 3	79 0 8	137 3 9
Baluchistan ...	371 9 6	...	...	...
United Provinces ...	191 1 5	178 11 3	*	130 0 0
General average ...	257 5 10	218 4 6	96 8 4	153 0 6

* Figures not received from District Board.

PROVINCIAL.

Table III.

SERVICES OF DISTRICT STALLIONS during 1904-05.

Circle.	Stallions on register at end of year.	Stallions actually employed at stud.	Number of mares covered.	AVERAGE OF MARES COVERED PER STALLION EMPLOYED AT STUD.	
				Year under report.	Previous Year.
Rawalpindi	15	14	750	53.57	60.38
Jhelum Canal Colony	23	18	1,200	75.00	73.50
Lahore	39	38	1,743	75.78	68.27
Baluchistan	1	0.66	38	61.8	—
United Provinces	88	88	1,007	85.98	80.98
Total	80	81.66	4,738	68.15	68.45

PROVINCIAL.

Table IV.

PRODUCE of STALLIONS during 1904-05.

Circle.	Stallions actually employed at stud.	Number of mares covered.	Result of coverings.			Average of produce per stallion.
			Number of produce.	Number not held.	Number not known.	
Rawalpindi	16*	1,066*	343	447	270	21'43
Jhelum Canal Colony	12	851	324	431	146	23'00
Lahore	24	1,593	307	417	869	13'79
Baluchistan	—	—	—	—	—	—
United Provinces	28	1,878	827	1,009†	280	14'18
Total	80	5,179	1,331	2,294	1,554	18'06

* Number of Acre stalls and their coverings were not included last year.

† Including 47 abortions.

PROVINCIAL.

TABLE V.

Services of Donkey Stallions during 1904-05.

Circle.	Stallions on register at end of year.	DONKEY STALLIONS ACTUALLY EMPLOYED AT STUD.		NUMBER OF MARES COVERED.		AVERAGE OF MARES COVERED PER STALLION EMPLOYED AT STUD.			
		For multi-breeding.	For donkey-breeding.	Pony mares.	Donkey mares.	PONY MARES.		DONKEY MARES.	
						Year under report.	Previous year.	Year under report.	Previous year.
Rawal Pindi ...	6	2	5	113	229	27-00	..	65-0	45-4
Jhelum Canal Colony ...	..	..	..	..	..	..	..	..	..
Lahore ...	5	6*	..	213	13	52-00	42-00	12-00	..
Balnokhria ...	..	..	..	..	..	..	..	..	..
United Provinces ...	1†	1	..	23	..	13	43	..	..
Total ...	13	10	6	468	241	40-2	43-27	60-2	30-23

* One of these covered both pony and donkey mares in Multan District.
† Died in August 1904.

PROVINCIAL.

TABLE VI.

Produce of Donkey Stallions during 1904-05.

Circles.	DOWNEY STALLIONS ACTUALLY EMPLOYED AT STUD.		NUMBER OF MARES COVERED.		RESULT OF COVERINGS.						AVERAGE PER STALLION.	
	For mule-breeding.	For donkey-breeding.	Pony mares.	Donkey mares.	PONY MARES.			DOWNEY MARES.			PONY MARES.	DOWNEY MARES.
					Number of mule produce.	Number not held.	Number not known.	Number of donkey produce.	Number not held.	Number not known.			Average of mule produce.	Average of donkey produce.
Bawal Pindir	...	6	...	227	...	...	...	60	126	41	...	19
Jhelum Canal Colony*	...	...	...	...	...	...	...	...	...	...	...	...
Lahore	0	...	263	...	65	191	67	...	...	...	10.83	...
Baluchistan	...	...	...	...	...	...	...	...	...	...	...	...
United Provinces	1	...	43	...	14	15	13	...	...	...	14	...
Total	7	5	305	227	79	146	80	60	126	41	11.29	13.00

* The figures shown last year related to four Imperial Donkey Stallions lent to the District Board. The information for this has been included in the Imperial Report.

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PROVINCIAL.

TABLE VII.

Abstract of CASUALTIES OF STALLIONS during 1904-05.

Circle.	Number died.		Number destroyed.		Total.		Percentage of casualties.	
	Pony.	Donkey.	Pony.	Donkey.	Pony.	Donkey.	Pony.	Donkey.
Bawal Pindi ...	1	2	...	...	1	2	93.9	40
Jhelum Canal Colony ...	1	...	...	...	1	...	7.14	...
Lahore ...	1	...	...	...	1	...	4.34	...
Baluchistan ...	...	...	...	...	...	...	...	...
United Provinces ...	...	1	5	...	6	1	17.14	100
Total ...	3	3	6	...	9	3	...	25.00

Note.—Percentages are calculated on stock existing at the beginning of the year under report.

PROVINCIAL.

TABLE VII (A).

CASUALTY ROLL OF STALLIONS during 1904-05.

Brand No.	Name.	Pony or donkey.	Class.	Casualty.	Cause of casualty.	REMARKS.
RAWAL PINDI CIRCLE.						
...	Bisakhi ...	Pony ...	Arab ...	Died ...	Flatulent colic.	
...	Singaneer ...	Donkey ...	Italian ...	" ...	Fever.	
320	Panang ...	" ...	" ...	" ...	Rabies.	
JHELUM CANAL COLONY CIRCLE.						
...	Safir ...	Pony ...	Arab ...	Died ...	Colic.	
LAHORE CIRCLE.						
...	Mushroom ...	Pony ...	Arab ...	Died ...	Colic.	
UNITED PROVINCES CIRCLE.						
2448	Monzoor ...	Pony ...	Persian ...	Destroyed	Cast for unsoundness.	
2499	Rohu ...	" ...	Arab ...	" ...	Dourine.	
1613	Rakab ...	" ...	" ...	" ...	Fracture.	
32	Reveille ...	" ...	" ...	" ...	Dourine.	
2	Grasshopper...	" ...	" ...	" ...	Glanders.	
2	Gnat ...	" ...	" ...	" ...	"	
8	Chaman ...	Donkey ...	Country-bred	Died ...	Enteritis.	

PROVINCIAL.

TABLE VIII.

Abstract SALES OF STALLIONS during 1904-05.

Circles.	Number sold.	Pony or donkey.	Average price realized.	REMARKS.
Rawal Pindi	1	Pony	150	Unsuitable for stud purposes.
Lahore	1	Donkey	...	Handed over to Malik Nur Muhammad Khan Bosaan of Mooltan District.