

A Brief Note On Sheep Breeding & Research Farm Billawar / Sarthal (1)

The Sheep Breeding & Research Farm Billawar/sarthal was established in the Year 1956-57. This Farm is of migratory nature & Live stock migrates to Sarthal during summer months. During 1957; 221 Gaddi sheep were purchased from Bhaderwah and Chamba area for cross breeding with 2 Rams received from Sheep Breeding Farm Reasi. There after 5 Rams & 85 Rambouillet Sheep were imported in 1988-89 and 203 ewes & 55 Rams of same breed were imported in 1995-96 for further propagation of livestock at the Farm.

AIMS AND OBJECTS.

1. To act as nucleus for sheep development activities particularly in Jammu Province and to extend its finding to the field
2. To produce pure bred Rams and ewes and to build basic stock to continue its propagation in the field.
3. To determine exotic blood level suitable for the field.
4. To make the province self sufficient in Ram requirement and to avoid heavy expenses incurred on the importation of the same.
5. To find out proper Lambing and mating time and to reduce mortality rate by scientific rearing and management.
6. To study about the various prevalent diseases in sheep of bacterial Viral and nutritional origin.
7. To suggest ways and means to combat the disease so found.

MANPOWER/ STAFF POSITION (as on 10-7-2011)

<u>S NO</u>	<u>Name of the sanctioned Post</u>	<u>Staff Strength</u>
1	Deputy Director	1
2	Manager	1
5	Tech.Asstt cum store keeper	1
6	Flock Inspector	1
7	Flock Supervisor	2
8	Lab Asstt.	1
9	Stock Asstt.	5
10	Cleaner	1
11	Asstt.Stock Man	15
12	Field man	1
Ministerial staff:-		
2	Sr Asstt	1
3	Jr Asstt	1
4	Orderly	2
6	Sweeper	1

Physical Achievements for last five years 2006-07 to 2010-11

(2)

Distribution of Live Stock.

The Livestock particularly the Rams so produced in the Farm are distributed to the field organizations of the Department viz; District Kathua, Distirct samba, Migratory Project Hiranagar-Bhaderwah.

S.No.	Year	Rams Distribution.
1.	2006-07	72
2.	2007-08	78
3.	2008-09	52
4.	2009-10	83
5.	2010-11	26 (* The figure does not include Rams distributed to migratory project Hiranagar-Bhaderwah)

Since the start of the farm 3762 high pedigreed rams were issued to the field organization till today valuing about Rs.3.76 crores @ Rs. 10,000/- Per animals where as 367 ewes and 21 lambs of good quality germplasm, were also issued to the various farms valuing about Rs. 18.84 lacs @ Rs 5000/- and Rs. 2000/- per animal respectively.

It may not be out of place to mention here that stud rams covers 40 to 50 sheep during breeding period and completes 6-7 breedings during its life span. Providing prophylactic and curative health care facilities to breeding stock, achieving higher levels of productivity through adoption of various agronomic practices, promotion of scientific management of breeding practices and investigation and control of livestock diseases is being implemented by the Sheep Husbandry Department. Thus resulting in production of about 9-10 lac cross bred progeny in the field in the ration of 50-50 male and female and this generating extra income to the sheep farmers in a big way to up left their socio- economic status by bringing about qualitative and quantitative improvement in wool as well as mutton production.

Lambing %age for last five years.

S.No	Year	Ewes put for breeding	Ewes Tuppod.	Ewes left for lambing	No of lambs born.	Lambing %age
1.	2006-07	238	232	221	182	82.35%
2.	2007-08	247	240	225	198	88.00%
3.	2008-09	246	245	234	218	93.16%
4.	2009-10	250	247	230	200	86.96%
5.	2010-11	259	252	236	184	83.47%

*Since the inception of the Farm, the Lambing %age has remained between a range of 65% to 95%.

Wool production for last five years.

S.No	Year	No. of animals Shorn.	Wool Obtained.			Average Wool Yield	Remarks
			Qtls.	Kgs.	Gms.		
1.	2006-07	377	06	81	650	1.807 kg	
2.	2007-08	423	08	27	650	1.956 kg	
3.	2008-09	445	10	10	750	2.271 kg	
4.	2009-10	499	10	33	700	2.071 kg	

5.	2010-11	486	09	34	800	1.923 kg	
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Land position /Jurisdiction area of Sheep breeding farm Billawar/Sarthal.

1. Total area of farm	3130 kanals.
2. Cultivable area	71 kanals.
3. Irrigated area	21 kanals.
4. Un irrigated area	50 kanals.
5. Area under road and building	40 kanals.
6. Pasture area.	3019 kanals.
7. Area at Sarthal	182 kanal

Physical Achievements for last five years in agriculture sector.

S.No	Year	Fodder production in Qtls.			Fodder fed to Govt. Live stock
		Dry	Green	Total	
1.	2006-07	261.00	273.92+ Green loping 40.92	534.92+ Green loping 40.92	534.92+ Green loping 40.92
2.	2007-08	244.07	238.28+ Green loping 87.74	482.35+ Green loping 87.74	482.35+ Green loping 87.74
3.	2008-09	304.00	83.40+ Green loping+ direct grazing 788.40	387.40+ Green loping+ direct grazing 788.40	387.40+ Green loping+ direct grazing 788.40
4.	2009-10	192.70	178.64+ Green loping+ direct grazing 535.32	371.34+ Green loping+ direct grazing 535.32	371.34+ Green loping+ direct grazing 535.32
5.	2010-11	114.80	196.30+ Green loping+ direct grazing 1084 qtls.	211.10+ Green loping+ direct grazing 1084 qtls	211.10+ Green loping+ direct grazing 1084 qtls

CONSTRAINTS&SUGGESTIONS

Since the establishment of this Farm 1956-57 Cultivable irrigated land has not been added. Farm is dependent on the outside source for its green and dry fodder which creates unavoidable problems About 200 Kanals of irrigated land needs to be purchased beside the reclamation of some portion of existing land.

The pasture at winter as well as summer head quarters are common for public and farms livestock which creates lot of problems. The exclusive grazing rights needs to be got for pastures at Sarthal and an alternative pasture needs to be transferred in view of the militancy to save the live stock from under grazing starvation and to avoid any anticipated dispute. Similarly pasture area surrounding the farm has been fenced by forest department, leaving very less grazing area for the farm live stock. This adversely effects the Health condition of the live stock. This matter needs to be taken up with the concerned authorities for opening the closures which are closed for the past 5 to 10 years

All the department building at Billawar require urgent repairs. As desired by the H.O.D the requisite authenticated estimates for repair and renovation of farm building has already been submitted to directorate.

Repair and renovation of the structure namely Quarters and Equine Shed at Sarthal and construction of a proposed prefabricated Sheep shed at sarthal, needs to be taken up. The executive

Engineer PWD(R&B) Basohli has been requested to prepare the estimates for the same for taking up the desired the work in the current financial year. (4)

There is no proper approach Road to the Farm HQ at Billawar. The concerned authorities have time and again been requested to construct the approach road from Billawar public school to Farm HQ so that the feed and fodder and other farm articles are transported directly to Farm HQ on vehicle

**Deputy Director
Govt. Sheep Breeding & Research Farm
Billawar / Sarthal**