

I. RSS Gaushala

The herd of cattle in Gaushala has increased from 556 to 839, which are of Sahiwal&Friesien breeds. Old & dry cattle are retained in Gaushala and are not sold away. There has been addition in the manpower with the appointment of 3 Vet Officers, 1 Consultant and 1 Fodder Officer and 2 Supervisors. The annual milk production has increased from 3.08 lac litres to 3.76 lac litres.⁸

Daily Routine Process:

Shift	Gwalas	Volunteers
1 st (morning 4am-8am)	Tying of cattle Morning sari Milking Grazing of cattle	Filling of bhusa pull's Chatting of pual Feeding of dry cattle Cleaning of sheds Treatment of sick cattle
2 nd (afternoon 9.30am-11.30am)	Distribution of green fodder	Cleaning of sheds
3 rd (evening 3pm-8pm)	Tying of cattle Evening sari Feeding of dry cattle Milking Distribution of green fodder	Feeding wufes to milk cattle Cleaning of grounds Chatting of fodder green

Facilities:

Facilities	Description	Utility
Sheds	Small calves-1 Maturity-1 New born-1 Milking-6 Dry cattle-4 Bulls-4	Housing cattle
Bhusa storage	Open pit-1 Closed pit-1 Tin shed-1 Open stacks-7	Storing bhusa for year sound consumption
Silo well	Silo well-1	Preparation of silage for lean period when green fodder not their
Fodder cutting machine	Total 2 machine	For chatting fodder
Pastureland	28 acres	To house oversize non production cattle

Technology/ innovation practices:

- Ear tagging
 - ✓ An cattle have been numbered
 - ✓ Ability to maintain records from birth/ breeding etc.
 - ✓ Easy identification of cattle

- Artificial ingemination
 - ✓ To be launched soon
 - ✓ Breed improvement using semen of high pedigree bulls
- Bull exerciser
 - ✓ Simple food for fitness of bulls.

No. of cows

Types	Total no.
Milking	180
Advanced Preg. (>8 months)	15
Pregnant (<8 months)	65
Adult heifers	90
Young heifers (1-2 year)	120
Calf's (<1year)	160
Non productive	115
Bulls	12
Ox	5
Buffaloes	70
Total	832

Milk production

Average milk production/day	1050 liters
Toned milk (3%fat)	250 liters
Whole milk (4.5%fat)	800 liters

Staffing

Supervisor	3
Manager	1
Deputy manager	1
Superintendent	1
Head gwala	1
Gwalas	19
Safai sewikas	10
Volunteers	70

Fodder for cattle

Dry fodder	Green fodder
Bhusa- dry & milk cattle (moong, masoor, taramira, sarso, barsem)	<u>Summer-</u> (june-sept) Chari, bajra, lobhiya
Pual- only for dry cattle (rice, paddy)	<u>Winter-</u> (nov-mar) barseem

Scientific planning

- ✓ For breed improvement
- ✓ Management polices for daily operation
- ✓ Operation management techniques

8. Source: Questionnaire survey on Dayalbagh Dairy