



Government of Jammu and Kashmir
DIRECTORATE OF SHEEP HUSBANDRY KASHMIR
Lal- Mandi, Srinagar. 190008
www.jksheephusbandrykashmir.nic.in

Technical Section

The Commissioner/Secretary to Govt.,
Animal/Sheep Husbandry Department,
J&K Civil Secretariat Srinagar.

No.: DSHK/Tech/2018-19/Tour/2033-41

Date: 29/05/2018

Subject: Tour Note of Dr. Mohammad Sharief, Director Sheep Husbandry Department Kashmir.

Sir,

The undersigned performed tour to New Delhi, Central Sheep & Wool Research Institute Avikanagar and National Dairy Research Institute Karnal w.e.f 17.05.2018 to 26.05.2018. The tour note is hereby enclosed for your kind perusal.

Yours faithfully,

(Dr. Mohammad Sharief)

DIRECTOR
Sheep Husbandry Department
Kashmir

Copy along with enclosure to:-

- The Divisional Commissioner Kashmir for favour of information.
- Chairman Scientific Advisory Committee Sheep Husbandry Department Kashmir.
- The Special Assistant to Hon'ble Minister of State for Forest, Ecology, Environment, Animal & Sheep Husbandry, Cooperatives and Fisheries for information of Hon'ble Minister.
- The Special Assistant to Hon'ble Minister for Animal/Sheep Husbandry & Fisheries for information of Hon'ble Minister.
- Deputy Director Central Sheep Husbandry Department Kashmir for information.
- Assistant Project Officer Sheep Husbandry Department Kashmir for information & necessary action.
- Accounts officer Sheep Husbandry Department Kashmir for information.
- Administrator Departmental Website for information & necessary action.

Tour Note of Dr. Mohammad Sharief, Director Sheep Husbandry Department Kashmir to New Delhi, CSWRI Avikanagar and NDRI Karnal.

17.05.2018

The undersigned after attending the interaction meeting of officers of Sheep Husbandry Department Kashmir from 10.00 am to 11.30 am, proceeded to New Delhi to attend a meeting which was being convened on the instructions of the Union Secretary Animal Husbandry, Dairying & Fisheries, Govt. of India. The meeting was also attended by the Director Animal Husbandry Department Govt. of Himachal Pradesh, Chief Executive Officer of Utrakhnad Sheep & Wool Development Board.

The meeting was held on 18-05-2018 at 11 am in the conference hall of J&K House Chanakyapuri New Delhi. The Agenda of the meeting was to discuss and develop consensus to draft a joint proposal of the three states for "importation of multipurpose Merino and Rambouillet breeds of sheep."

Threadbare discussion took place and finally it was decided that three states shall import multipurpose Merino breed and Rambouillet breed of sheep from any of the three countries – Australia, New Zealand or USA. It was further decided that Director Sheep Husbandry Department Kashmir shall draft the joint proposal based on the minutes of the meeting issued after the meeting (copy enclosed). The joint proposal for importation shall be completed and finalized within one month. The three Directors thereafter met the Secretary Animal Husbandry, Dairying & Fisheries, Govt. of India at Krishi Bhawan New Delhi, and appraised him about the outcome of the meeting and handed over a copy of the minutes of meeting. The Secretary Animal Husbandry, Dairying & Fisheries, Govt. of India asked the officers to come forward with the "proposal soon". He agreed to earmark funds for importation of the livestock. The three Directors proposed for importation of 900 Sheep.

The undersigned thereafter called on the Joint Secretary Animal Husbandry Dairying and Fisheries regarding timely release of funds to the state under National Livestock Mission, the Joint Secretary informed the undersigned that the Ministry is yet to receive the National Livestock Mission proposal papers from the J&K State Government and assured that funds shall be released in time. On enquiring about the fate of dairy goat farm at Rajouri for which proposal stands submitted, the Joint Secretary informed the undersigned that all the proposal should be as per the formats following guidelines of the National Livestock Mission besides "no new construction is allowed as per NLM guidelines".

19.05.2018.

The undersigned proceeded to Central Sheep and Wool Research Institute Avikanagar to study the performance and availability of the "Fec-B gene Carrier" (Avishan) breed of sheep having high fecundity and capable of giving birth to twins, triplets and quadruplets. The breed has been evolved by the CSWRI scientists by crossing Garrole breed of Sheep with Malpura breed and Pathanwadi breed of sheep [(G=12.5%)x (M=37.5%) x (P=50%)].

21.05.2018 (CSWRI Avikanagar)

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Garole is a miniature breed of Sheep found in the Sundarban coastal region of west Bengal, the adult weight of the sheep varies from 12-18kgs. This breed of sheep gives birth to twins, triplets and quadruplets. The fecundity (Fec-B) gene expresses itself even at 6.25% as reported by the principal Scientist of Department of Animal Genetic and breeding of CSWRI.

The Institute had procured Garole breed from Sundenban of West Bengal and crossed it with Malpura sheep breed of Avikanagar, although twins and triplets were produced but due to the small size of the breed the new born lambs died due to starvation following poor milk yield of the dam, thereafter the scientists decided to cross Garrole (G) x Malpura (M) with pattanwadi which is large in body size and is considered as a high milk yielder

Garrole(G) x Malpura(M) was further crossed with pattanwadi (GM xP). The resultant off springs twins and triplets and quadruplets, survived well, besides the CSWRI have developed a milk replacer named as "Memnaprash" which can replace the dams milk in the event of malnutrition.

The CSWRI Avikanagar maintains a flock of "Avishan" breed of sheep at the moment. Fec-B gene dissemination is the only viable scientific way to increase the sheep population in J&K state and to overcome the mutton deficit in Kashmir valley, as the existing number of sheep/ ewe could be utilized to produce twins & triplets and quadruplets and shall ensure quick increase rather double/ triple the increase of the sheep population. The introduction of Fec-B gene into the mutton breed of sheep to be evolved (Karakul x Merino) shall solve the mutton deficit problem in the state. The CSWRI Avikanagr have further developed "Dumba" breed of sheep which is a mutton breed the adult weight of the fat rump sheep weighs 70-80 kgs and has promising characters for mutton production. The undersigned inspected the flocks of Fec-B carrier "Avishan" and "dumba" sheep. The undersigned had discussion with Dr. S.M.K Naqvi (ex Director) CSWRI and Dr. R.C Sharma Principal investigator and Head of Genetics department. It was informed that Rajouri station of SKUAST have already acquired(fec-B) carrier "Avishan" in J&K state.

The department of Sheep Husbandry Kashmir have received few Fec-B gene carrier sheep from SKUAST few years back, however these Fec-B carrier sheep had been procured from Maharashtra and not from CSWRI Avikanagr where genetically tested rams and ewes are being maintained.

Regarding availability and procurement of the Fec-B "Avishan" breed of sheep, the undersigned was assured that adequate number of rams and ewes shall be made available to the state in the event of procurement. The undersigned procured one packet of Mammnaprash for trial use at the farm.

22.05.2018

Returned back to New Delhi.

23.05.2018

Sheep Husbandry Department Kashmir maintains a goat farm at Arindardpora (Bandipora) where 50-100 goats are being maintained without much scientific intervention and output yet it was draining the departmental resources. It was urgently felt that the department should seriously think of establishing a dairy goat farm where elite dairy goats to be maintained and elite bucks produced at the farm be supplied to the goat breeders for production of milk. These dairy goats on an average yield 1 litre of milk a day.

Keeping in view the above facts and the prevailing conditions in the state , the undersigned decided to visit National Dairy Research Institute Karnal, prime institute of the country in dairy goat research, for possible procurement/ purchase of dairy (Alpine x Sanene x Beetal) cross goats from the institute.

The undersigned had detailed discussed with Dr. Lathwal incharge LRC- Livestock Research Centre regarding availability of dairy bucks and does for sale. Dr. Lathwal informed that the institute shall be preparing list of culled/ auctionable/ surplus animals in the month of August and shall conduct sale/ auction of these animals in the month of September 2018. Dr. Lethwal suggested the undersigned to write to the institute in the month of August 2018 for reservation of surplus goats on institutional rates/ book value for supply, besides to participate in the auction proceedings.

24.03.2018

The undersigned proceeded to Jammu in connection with handing over of the accommodation / quarter allotted by the Estates department to Managing Director Sheep & Sheep Products Development Board during Darbar move winter 2018 and to obtain No Demand Certificate from the concerned department.

25.03.2018

Vacated the Govt. allotted accommodation and handed over all the furniture/ furnishing to the estates department and obtained No Demand Certificate.

26.05.2018

Jammu to Srinagar. Resumed duty at 10.30 am attended the state level purchase committee meeting being held under my chairmanship at Lal Mandi Srinagar.


(Dr. Mohammad Sharief)

DIRECTOR

Sheep Husbandry Department
Kashmir