

**SCHEMES AND PROJECT IMPLEMENTATION UNDER THE ANIMAL
RESOURCES DEVELOPMENT DEPARTMENT TRIPURA**

:- UNDER THE MGNREGS SCHEMES :-

**1. PROJECTS ON FODDER CULTIVATION & ANIMAL SHELTER CONSTRUCTION
ACTIVITIES UNDER MGNREGS.**

Livestock production is the backbone of Rural Agriculture and also plays a key role in providing employment especially in rural areas. This sector has been the primary source of energy for agriculture operation and major source of animal protein for masses. Further, the fact is undoubtedly established that the production of livestock particularly that of ruminants depends on the availability of quality feeds and green fodder and lion part of the management cost of cattle rearing is expended on feed. Whereas, Shelter management is needed not only to improve the genetic potential of the animals but to improve the constraints on production set by the climate, the physical environment and the health hazards in a region.

IMPORTANCE OF FODDER AND SHELTER HOUSE IN LIVESTOCK PRODUCTION

Feed & fodder cost constitute about 60-70% of cost of milk production thus cultivated fodder has an important role in meeting requirement of various nutrients & roughage to produce milk most economically as compared to concentrates. Due to their peculiar digestive system, ruminants need feeds, which not only meet their nutritional requirements but also fill the rumen and satisfy the animal. In view of microbial digestion system the feeds have to meet requirements of the animal, its production as well as the needs of microbes for promoting digestion. The fodder crops meet these requirements very effectively and hence are important for ruminant production system.

- ❖ Fodder crops provide all the critical elements like highly digestible protein, carbohydrates, fats and minerals. Green fodders are a very good source of B-carotene (precursor of vitamin A).
- ❖ The green fodder crops are known to be cheaper source of nutrients as compared to concentrates and hence useful in bringing down the cost of feeding and reduce the need for purchase of feeds/ concentrates from the market.
- ❖ Grasses like Combo Napier and Congo Signal grass are known for high yields and their new varieties produce good quality fodder. These grasses being perennial and high yielding are useful.

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- ❖ Shrubs and small trees (like Leucaena, Sesbania spp.) are very good and cheap source of protein and minerals and can be introduced between farm plots and have multipurpose utility.

Good housing is an integral part animal welfare. Scientific housing of animals is essential for obtaining maximum benefits from livestock and birds in respect of their productivity and services to the mankind.

- ❖ Housing is an important activity of all modern animal welfare programmes. A clean shelter also adds the benefits of increasing the comfort level of animal and presenting positive impacts on the health of the animal.
- ❖ Proper hygienic condition helps to avoid bacterial, viral, and parasitic infection and related illness in animals. Considering the kind of weather conditions and harsh climate, it is all the more important that animals must be in hygienic conditions as possible.
- ❖ Shelter can improve the welfare of the animal and reduce production losses. Animals without shelter need to put more energy into normal functioning and less into production.

Considering the above, like previous years, the Department of Animal Resources Development, Govt. of Tripura has taken an initiative on Intensive Fodder Cultivation & Animal shelter Construction programme for the year 2016-17.

SCHEME WISE BREAKUP OF UNIT COST AGAINST MGNREGA FUND & DEPARTMENTAL CONVERGENCE FOR THE YEAR 2016-17

| SL | TITLE OF THE APPROACH | UNIT COST (IN LAKH) | | | |
|--------------------------------------|---|---------------------------|------------------|-------------------|---------|
| | | MGNREGA fund | | Dept. Convergence | Total |
| | | *Wages (unskilled labour) | ** Material Cost | | |
| FODDER CULTIVATION ACTIVITIES | | | | | |
| i. | PASTURE DEVELOPMENT IN WASTE/ FALLOW / DEGRADED OR KHAS LAND. | 0.30444 | 0.1014 | 0.005 | 0.41084 |
| ii. | PERENNIAL FODDER (CONGO SIGNAL) CULTIVATION IN FARMERS LAND. | 0.086 | 0.03015 | 0.001 | 0.11715 |
| iii. | CUMBO NAPIER CULTIVATION IN FARMERS WASTE / FALLOW LAND. | 0.086 | 0.03015 | 0.01 | 0.12615 |
| iv. | CUMBO NAPIER CULTIVATION IN FARMERS WASTE / FALLOW LAND. | 0.0516 | 0.0171 | 0.005 | 0.0737 |
| v. | TAPIOCA CULTIVATION IN FARMER'S WASTE / DEGRADED LAND. | 0.09804 | 0.0261 | 0.0045 | 0.12864 |

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|---|---|---------|---------|---------|---------|
| vi. | DEVELOPMENT OF CUMBO NAPIER CUTTING MULTIPLICATION CENTRE. | 0.16684 | 0.0643 | 0.02 | 0.25114 |
| vii. | DEVELOPMENT OF TAPIOCA CUTTING MULTIPLICATION CENTRE. | 0.18232 | 0.06565 | 0.009 | 0.25697 |
| viii. | CULTIVATION OF AZOLLA [AS ANIMAL-FEED SUPPLEMENT]. | 0.00688 | 0.02935 | 0.00025 | 0.03648 |
| ANIMAL SHELTER CONSTRUCTION ACTIVITIES | | | | | |
| i. | CONSTRUCTION OF POULTRY SHELTER(BROODER HOUSE) | 0.8151 | 12.95 | 1.12 | 14.885 |
| ii. | CONSTRUCTION OF CATTLE SHELTER WITH DISTRIBUTION OF ANIMAL | 0.0663 | 0.7644 | 0.6 | 1.4307 |
| iii. | CONSTRUCTION OF POULTRY SHELTER WITH DISTRIBUTION OF ANIMAL | 0.0414 | 0.5143 | 0.024 | 0.5797 |
| iv. | CONSTRUCTION OF PIG SHELTER WITH DISTRIBUTION OF ANIMAL | 0.074 | 0.7033 | 0.07 | 0.8472 |
| v. | CONSTRUCTION OF GOAT SHELTER WITH DISTRIBUTION OF ANIMAL | 0.0853 | 0.4212 | 0.07 | 0.5764 |

MODALITIES FOR PROGRAMME IMPLEMENTATION:

- A. During the selection of beneficiary(s) by the Concerned PRI Body, preference should be given to the interested Animal rearers who have the required area of land for Fodder cultivation. He/ She must be a Job card Holder so as to avail optimum benefit out of the scheme / project.
- B. The selection of Beneficiary should be done in the Gram Sabha of the concerned area in consultation with the Field level functionaries of the Animal Resources Development Department, Govt. of Tripura so that the "Bottom-up" approach can be maintained. Thus implementation of the projects can be requirement basis as well as location specific.
- C. The available Khas / Panchayet or Individual farmers land may be utilized for developing the community Pasture Land / Cutting Multiplication centre / Block level Brooder House.
- D. In case of Animal shelter construction activities, convergence may be extended through dovetailing with ongoing scheme/ State fund / Capacity building programme of ARDD. Whereas, in case of Fodder cultivation programme , convergence will be extended through supply of planting materials.

For more specification on schematic pattern or any other related queries, please contact with your nearest office of the District level Dy. Directors of Animal Resources Development/ Assistant Director of Animal Resources Development (Block level).