

ANNEXURE – XII

LIST PROBLEMS OF BUFFALOES PRODUCTION, VARIOUS ELEMENTS OF MARKETING AND PRICING STRUCTURE, PRODUCT LIST AND ISSUES FOR RESEARCH ETC.

A. Problems for studying of Buffalo Production

- (i) Generate a breed specific atlas of parameters of economic traits as the bench mark for assessment of productivity
- (ii) Establish any novel genes in the species which will help mankind
- (iii) Impact of selection programmes of the government
- (iv) Problems of crossing of buffalo breed in India with Murrah breed

B. Buffalo production

- (i) The failure of AI as the main tool of producing calves
- (ii) Relatively poor response to superovulation and embryo recovery
- (iii) Failure of breeding and selection of programme

C. Nutrition

- (i) Establishment of rumen system to understand the utilization of crop residues and non-conventional agro industrial by-products
- (ii) Detoxification of cakes containing the toxins, ant nutritional factors and ant growth factors so as to get the bound proteins released.

D. Buffalo Health

- (i) Shortage of buffalo specific diagnostic kits for barn yard diagnosis of diseases particularly for Brucellosis, Mastitis, IBR etc.
- (ii) Quality vaccines against the common bacterial and viral diseases.

E. Buffalo Products

- (i) Improvement of conventional milk products
- (ii) Improvement of conventional meat and meat products
- (iii) Generation of new products from buffalo meat in view of low cholesterol content in buffalo meat.
- (iv) Processing of buffalo skin using new environment friendly processing technologies
- (v) Specific leather by product technologies of production of gelatin, wound healing products

F. Markets and commerce

- (i) A survey needs to be done to establish information data bank on population number, products and sale and marketing of products, niches and international trade.