A Area Specific Chelated Mineral Mixture

Poor performance and reproductive problems in livestock are mainly associated with mineral deficiency as livestock in India do not receive regular supplementation of mineral mixture in their ration. Dairy animals in India are deficient in minerals either in single element or more than one element. Therefore, along with feeding concentrate feed & fodders, Mineral Mixture is necessary to feed to the animals separately on a regular basis. So, JMF has established a new advanced 12 MTPD Mineral Mixture Plant. The plant is producing chelated Area specific mineral mixture based on the mineral mapping survey conducted by NDDB in entire Jharkhand.

The chelated mineral mixture is available @ Rs. 120 per in 1kg pack size.
B. BYPASS FEED SUPPLEMENT

To increase milk production and daily income of dairy farmers, JMF has set up By-Pass Protein Plant of capacity 20 MTPD at Ranchi. This will provide cheaper source of proteins, essential amino acids to improve milk quality & reproductive efficiency of milch animals. JMF is currently producing bypass oil cake in the brand name of “Medha Bypass Khali” which is available in 25 kg & 50kg pack size @ Rs. 30 per kg. Currently milk producers are getting bypass supplement in subsidized rate.

C. SUPPLY OF COMPOUND CATTLE FEED

Milk Producers have acute shortage of good quality compound cattle feed. Most of the private cattle feed available in market are of below standard. Federation do not have own cattle feed plant. Therefore, JMF is outsourcing good quality compound cattle feed (Super Sudha) from COMFED and supplying it to milk producers at their doorstep in subsidized rate. JMF is regularly monitoring the quality of cattle feed is being supplied to its producer members by random periodical quality checking.

A new 150 MTPD cattle feed plant is approved to set up in Ranchi by Jharkhand Milk Federation.
**D. RATION BALANCING PROGRAMME (RBP):**

Jharkhand Milk Federation is implementing Ration Balancing Programme (RBP) under NDP-1 with one module of 200 Villages and 14,000 Animals, since June 2016. Under this programme the ration of dairy animals is being balanced according to nutritional requirement of animal, with the help of INAPH software which is developed by NDDB. In Jharkhand most breeds of the dairy animals are not capable of producing milk commensurate to its genetic potential. Feeding imbalanced ration could be one of the culprits for animals yielding less milk. Implementation of RBP has potential to increase daily milk yield of the animals which in turn improve the financial status of dairy farmers.

Till August 2016, 40 trained village based local resource persons are working in 41 villages and covered 1152 animals. Initial impact of RBP implementation in villages has shown reduction in feeding cost, increase in milk quality & quantity along with general awareness amongst milk producers regarding