

Efficacy of Fat-a-Fat as Milk Fat and Body Score Enhancer during Mid Lactation Period in Buffaloes

Objective:-

- ❖ The objective of this trial was to Determine the effect of Fat-a-Fat administration on milk fat and body score in Poor Milk Yielding and debilitated animals.
- ❖ The field study was carried out at Dairy Farms in Faridabad area, Haryana, India.

Group	Animals	Trial Period
Mid lactation period	Murrah Buffaloes	60 days

5 Animals during mid lactation period was selected for this trial.

Method of Trial:-

- ❖ The study was conducted on commercial dairy farms in Faridabad area with 5 Murrah Breed Buffaloes. The Buffaloes were chosen on the basis of Lactation period and all Quantitative and Qualitative parameters of Milk (Fat, Yield) and Body score.
- ❖ While recording the details the Average Milk fat was 50, Average Milk Yield was 7 Liters and Average Body Weight was 300 kg at 1st day (Before Supplementation) for the animals of this Group.
- ❖ Fat-a-Fat was given 1 sachet B.I.D. to each buffalo and trial was carried out for 60 days. All the parameters were analyzed on the weekly basis.

Results and Discussion:-

- ❖ After 63 days of trial period the Average Milk Fat was 68, Milk Yield was 5 Liters and Body Weight was 383 kg for the animals of Group 1, respectively.
- ❖ The overall health status of these Buffaloes was remarkably improved.

Parameters					
Dose:- 1 sachet B.I.D. (1 sachet= 16 gm)					
Sino.	Period	Date	Fat	Milk Yield	Body Weight
1	Day 1	26/1/19	50	7 lt.	300 kg
2	Day 7	1/2/19	50	7 lt.	300 kg
3	Day 14	8/2/19	55	7 lt.	320 kg
4	Day 21	15/2/19	59	7.5 lt.	330 kg
5	Day 28	23/2/19	61	7.5lt.	330 kg
6	Day 35	1/3/19	62	7.5 lt.	350 kg
7	Day 42	8/3/19	64	7 lt.	370 kg
8	Day 49	15/3/19	64	6.5 lt.	370 kg
9	Day 56	22/3/19	66	6.25 lt.	380 kg
10	Day 63	29/3/19	68	5 lt.	383 kg

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Conclusion:-

- ❖ All the major parameters i.e. milk fat and body weight were significantly improved during the trial period.
- ❖ However, the lower milk yield was attributed to the advancement towards late lactation period in the animals.
- ❖ Through this trial we have observed that Fat-a-Fat was Safe and Effective nutrition supplement for Dairy and Beef animals for improving their Milk parameters and Body score.

Recommended Usage:-

- ❖ Given 1 sachet twice daily for 60 days for optimizing the Milk Yield and Body score of Dairy and Beef animal.



Before Supplementation



After Supplementation

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