

DC-50 EVALUATION OF MENEFEED TECHNOLOGY IN CALF MILK REPLACER AND CALF STARTER

OBJECTIVE

Evaluate the effect of Mensol® WSP in Kent Milk Formula 1™ (20% protein, 20% fat milk replacer) and Menefeed® MFG 150 in Active Starter 18 (18% texturized calf starter feed) on the performance of Holstein heifer calves to 8 weeks of age.

RESULTS

Three groups of calves were allotted to a control (Milk Formula 1 and Active Calf Starter 18) group; a group with a lower Menefeed Technology content; or a higher content of Menefeed Technology. Performance parameters (milk replacer intake, calf starter intake, body weight gain, fecal score) were not statistically significantly improved. However, ADG and body weight gains were numerically greater for the group fed the low level of Menefeed Technology compared to the control group.

Trait	Menefeed Level in Milk Replacer and Calf Starter		
	0	Low*	High**
Number of Calves	14	15	15
Initial Weight, lb	89.2	89.0	84.5
6 Week Weight, lb	132.2	137.5	130.6
Gain, lb	43.0	48.5	46.1
ADG, lb	1.02	1.15	1.10
Fecal Score, Weeks 1-3	2.2	2.1	2.1
Milk Replacer Intake, lb (powder)	48.0	47.6	47.9
8 Week Weight, lb	152.7	158.8	153.3
Gain, lb	63.5	69.9	68.7
ADG, lb	1.13	1.25	1.23
Calf Starter Intake, lb/day			
0-6 Weeks	0.85	0.95	0.88
7-8 Weeks	3.48	3.73	3.74
Feed Efficiency	1.822	1.684	1.81

*Low Level Menefeed Technology = 150 gram/ton Mensol WSP in milk replacer, 5 lb/ton Menefeed MFG 150 in calf starter

**High Level Menefeed Technology = 225 gram/ton Mensol WSP in milk replacer, 7.5 lb/ton Menefeed MFG 150 in calf starter