

# Knowledge Retentive Abilities of Dairy Farmers in Darjeeling Districts

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**Abstract**—*The study was conducted to assess knowledge retaining ability of dairy farmers in Darjeeling district who had received on campus training from Darjeeling Krishi Vigyan Kendra, on scientific dairy farming practices. The study was conducted on among 100 dairy farmers who had received on campus training during 2014-15 and 2015-16. For assessment of knowledge retaining ability, personal interview with structure schedule was conducted in five phages (i.e., pre-training, post-training, 3 months post-training, 6 months post-training and 12 months post-training). The study shows that the respondents had significant increase in mean knowledge level in healthcare followed by breeding, feeding and management during post-training. Mean knowledge level of the dairy farmers at 3 months and 6 months post-training was found highest in breeding practices followed by healthcare, feeding and management. Similarly, mean knowledge level of the dairy farmers at 12 months post-training was found highest in breeding practices followed by healthcare, management and feeding. The study also shows the dairy farmers had significant knowledge gain during post-training but there had been significantly losses in knowledge level at different time intervals to post-training.*

**Keywords:** *Scientific dairy farming, Knowledge retaining ability, Pre-training, Post-training*