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The New Technology Usage at Turkish Dairy Farms to Better Milk Quality

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Abstract
As of 2012, the share of livestock in agricultural production by about 35% in Turkey and 44% in EU. In Turkey 58% of the revenue generated by cattle- while EU has 51% were from cattle. In other words, cattle has contribution to animal production 20% of the total agricultural income in Turkey. According to TUIK data 18.2 million tons milk was produced in Turkey in 2013 and 91.4% of the milk is obtained from cattle. In other words, obtained from bovine milk yield is 16.7 million tons. Recently, Turkey's livestock sector has displayed three clear trends: (one) is declining number of livestock; (two) decreasing per capita consumption of animal products; and (three) increasing productivity. During this trend quality getting more important criteria for the breeding aims and farming practice. Milk quality means different things to the different groups. To some it's simply low somatic cell count milk. To others it's a complex subject involving SCCs, bacteria counts, management programs, premiums, cow health and welfare and more. Farmers are extremely focused on producing quality milk for two reasons. The main reason is consumer confidence and the second reason is economics. They fully understand that they will get more milk per cow with a lower SCC and they get a premium from their milk plants which are very significant. Milk quality monitoring is all about prevention on each step of production. Quality control systems aimed the prevention of defects, rather than their detection. Quality control occurs at every step in the production, as a raw material on farm condition. Milk quality start from the farm gate. So this review will focused on latest technologic developments for better milk quality production.

Keywords: New technology, Turkish dairy farms, Milk quality.