



The nutritive value of fodder beet in some dairy cow farms from Verșeni village (Iași county)

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Fodder beet is an excellent forage for dairy cows in winter time when green fodders are not available. In this study we focused on the dynamics of the basic indexes of nutritive and energetic value of fodder beet used in dairy cows diet from some farms from Verșeni village. The fodder beet samples were collected from the dairy farms which participated in a feeding improvement programme. There was a low variability of raw chemical composition of fodder beet samples. The protein content varied between 91.79 - 95.78g/ kg DM, the highest value belonging to the fodder beet from Ungureanu Florin farm (2006). The fibre content varied between 83.04- 92.40 g/ kg DM, the highest value belonging to the fodder beet from Isachi Mihail farm (2005). The N-free extract content varied between 708.17- 717.69 g/ kg DM, the highest value belonging to the fodder beet from Ungureanu Florin farm (2004). The energetic and protein values were similar for the analysed samples in the three farms. The energetic value of ENL varied between 1890- 1942 kcal/ kg DM and the ENV value varied between 2049- 2112 kcal/ kg DM, once again the highest value being obtained at Ungureanu Florin farm (2004). The energy values varied among 1.11- 1.14 UFL and 1.13- 1.16 UFV. The protein values varied between 52- 56 g PDIN/ kg DM and 82- 87 g PDIE/ kg DM, respectively. The results of the fodder beet nutritive value obtained in our research had a low variability compared with the ones presented by the scientific literature (INRA tables).