



MINISTRY OF JIHAD-E-AGRICULTURE
Agricultural Research, Education and Extension Organization
Kerman Agricultural and Natural Resources Research and Education Center

Monitoring and registration of the Rayeni Cashmere goat population

Research worker: Najmeh Kargar Borzi

Abstract

The monitoring, identification and recording the populations of the livestock and poultry for each country is indispensable. These populations, are considered as all world heritage. Information from the identification and registration of indigenous populations in each country is required for protecting genetic resources. Therefore, in this research, pure herds of Rayeni cashmere goat were identified and five herds were selected with pure goat population. After the necessary measurements and filling out the relevant forms, information was stored on the computer. To combine different file information and prepare data, Excel Program (2013) was used, and R software was used to analyzing the data. The mean of traits, chest circumference, body length and withers height,(cm) were 70.34, 54.4 and 57.58; birth weight, 1-month weight, 2-month weight, 3 months weight, weight of sales time, adult weight and cashmere weight (kg), were 1.95, 4.27, 7.73, 11.01, 16.92, 29.79 and 0.432; conception rate, twinning rate, litter size at birth and litter size at weaning (N) were 0.90, 0.09, 1.09 and 0.98 ; fat, protein, total solids and milk (%) were , 3.34, 3.58, 11.83 and 4.77 and down weight (g), down yield (%) and down diameter (μm) were 295.6, 70.24 and 18.80 respectively.

Keywords: Monitoring and registration; Genetic resources; Rayeni Cashmere goat.