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## Influence of some forage protein on immune response *Barki ewes*

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Different sources of forage protein fed twenty one Barki ewes in postpartum period were used in this study. Immune response, hematological pattern and change in body weight were determined. The results revealed that the effect of the tested ratios on most hematological and biochemical parameters were significant. Moreover, the improving of the average daily gain and the milk yield was affected by tested rations. The feed conversion efficiency based on DM and CP was better in G1 and G2 compared with G3. On the contrary, the economic efficiency was better with G3 compared with the other groups. The cellular and biochemical changes in the blood especially the increased gamma globulins and the hepatoprotective effect.

### Biography

Mohamed M Eissa is currently a Chief Researcher of Animal Husbandry from 2007. He is the Head of Sheep and Goats Research Department, Animal Production Research Institute, Agricultural Research Center, Dokki, Giza from 2014 till now. He has a Master degree in 1990 and PhD in 1996 from faculty of Agriculture, Alexandria University. He participated in the accomplishment of 20 scientific researches and published 16 scientific papers. He is a Member in the Egyptian Society of sheep and goats and Egyptian Society of Nutrition and Feeds.

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