REPUBLIC OF TÜRKİYE
MINISTRY OF AGRICULTURE AND FORESTRY
General Directorate Of Agricultural Research And Policies
Bahri Dağdaş International Agricultural Research Institute

TAGEM
R&D AND INNOVATION

PROJECT TITLE	Effects Of MOS And Whey Powder On Growth Performance, Mortality And Gut Histomorphlogy In Partridge (Alectoris Chukar)
PROJECT NUMBER	TAGEM/HSGYAD/Ü/21/A4/P4/2444
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INSTITUTE	Bahri Dağdaş IARI
START AND END DATE	01/01/2021-31/12/2021
PROJECT RESOURCE AND BUDGET	30.000 TL
PROJECT DEPARTMENT	Department of Animal Health, Food and Feed Research

SUMMARY:

Past four decades, antibiotics have been used as growth promoters and used for gut health on poultry nutrition. But antibiotic using restricted in last years because antibiotic residues in meats and eggs threat human health. Afterwards, antibiotic alternatives have been researched for gut health and growth promotion. The chukar chicks do not contact their parents after hatching in modern poultry systems and their gut microbiota cannot develop quickly and adequately, unlike wild chukars. Therefore, their survival rate may too low after releasing nature. Recent studies indicate that adding prebiotics and probiotics to poultry rations increase surviving rate.

Research which aims to raise chukars with high survival rate will be carried on Bahri Dağdas International Research Institute Poultry Unit. Experiment groups will be fed with a basal diet supplemented with 2 g/kg MOS and 40 g/kg whey.

Chicks will be housed in 0,50 m2 cages after hatching. They will be fed with starter diet for first six weeks and the last six weeks will be fed with grower diet. Trails will consist of two seasons (spring and summer) and three experimental groups (control, MOS and whey groups). Each group will be consisted of replicated five times with 10 chicks per replicate. Growth performance, feed conversion, mortality and immunity will be measured during the experiment and at the and of the experiment.

KEY WORDS:partridge, mos, whey