

Mechanization of livestock farming in the Cheliff region of Algeria

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Abstract

The objective that we aim through this communication is to show the place of mechanization in the farms surveyed. We have drawn up a questionnaire. The total area of the 102 farms surveyed is of the order of 2,295 ha, with an average surface area of 22.5 ha. The farm is often in the hands of the farmer who owns the land, the capital in the form of machinery, buildings, livestock and advances and provides all or part of the work: a scheme to argue directly. Indeed, we are witnessing the predominance of this mode of exploitation, that is, the direct appropriation of management in the majority of the farms surveyed, ie 82%. The remaining 18% of farms use leasing, which allows the farmer to diversify farming activities in order to make his farm profitable. However, durable durable means consist of the technical equipment that we tried to inventory for all farms. Nearly all the farms recorded a shortage of agricultural equipment. In fact, only 29 farms, or 28% of our sample owns tractors, while the remaining 70% make use of the lease, following the small size of their area, which increases the cost of the operation. For example, 15% of all farms own forage equipment (harvesters, balers, balers, tedder rakes, mowers, forage harvesters). In addition, 16% of the farmers own tillage equipment (plow, cover-crop), 11% of the total holdings own the milking machine, which means that the rest does the milking manually.



Biography:

Mohamed Sadoud is a doctor of the National Agronomical School of Algiers (Algeria) in Rural Economics and Sociology. He is a research professor at the University of Chlef in Algeria. He has several publications in international journals and several papers in international congresses. He taught 17 subjects and supervised several engineering and master's theses and currently supervises a doctoral student. He is a member of the scientific committee in two journals and scientific committees of congresses. He is a member of a bioresource research laboratory.



Speaker Publications:

1. Mohamed Sadoud « Exogenous weaknesses in the competitiveness of the Algerian bovine meat sector » volume 33-4-5 issue https://www.viandesetproduitscarnes.fr/.../882-faiblesses-exogenes-de-la-competitivite, 2017 pp. 1-9.
2. Mohamed Sadoud «Perception of the ovine meat by the consumer of the region of Tiaret in Algeria, 2019. French review of research in meat and meat products, » volume https://www.viandesetproduitscarnes.fr/phocadownload/vpc_vol_33/3345.
3. Mohamed Sadoud «Camel meat in two regions of southern Algeria, 2019, French Review of Research in Meat and Meat Products, » volume https://viandesetproduitscarnes.com/phocadownload/vpc_vol_35/Vol_3522
4. Mohamed Sadoud «Collective work. Title of the publication: "Vulnerability of beef cattle farms in the Grand Cheliff region of Algeria". To face the risks in agriculture, crossed perspectives of researchers and professionals, Editions Harmattan », Editions Harmattan, 420 Pages.

[15th International Conference on Agriculture & Horticulture](#); Webinar- August 24-25, 2020.

Abstract Citation:

Mohamed Sadoud, Mechanization of livestock farming in the Cheliff region of Algeria, Agri 2020, 15th International Conference on Agriculture & Horticulture; Webinar- August 24-25, 2020.

(<https://agriculture-horticulture.conferenceseries.com/abstract/2020/mechanization-of-livestock-farming-in-the-cheliff-region-of-algeria>)