Status and Future of Ethiopia Agricultural Mechanization

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Abstract

The agricultural mechanization is improve the production and profitability reduce of human power. Nearly 85% of the population resides in rural Ethiopia and small holder farmers account for 90% of farmer households. Small holder farmers had been used of animal power from thousand year ago. This level of mechanization among Ethiopia’s farmer households, Approximately 85% of the Ethiopia population is in the rural area, which accounted small household about 90% of agricultural households. Most are farmer be used of animal power The level of mechanization of agricultural households in Ethiopia is 2%. Small holder farmers own less than 2 hectares of land.

While agricultural mechanization is a valuable instrument to the growth and development of agriculture, its progress in Ethiopia has been slow. Currently, there is approximately only 0.1 kW per hectare. The farm power is calculated from current labor available from oxen at 13 million head (87%) as 12,500 tractors. While this index is used to show mechanization, the most common implements utilized in Ethiopia agriculture are still animal-drawn implements, such as ploughs. But, In ethiopia of the strategy will focus on agricultural mechanization technologies, spanning the following areas: Tillage and land preparation, sowing and planting, crop protection and maintenance (e.g. weeding, fertilizers and insecticides application), harvesting, threshing and shelling and other post-harvest processes (e.g. drying, storages, transport, agricultural -processing and applications towards livestock mechanization).

Agricultural Mechanization of the current year there are hundreds of Ethiopia agricultural base in China and imported by Deputy contemporary. How to use them for agricultural and technical training of maintenance. In the agricultural machinery company in China invited the technicians of government officer and researcher. First of all Korea’s agricultural companies have a number of attempts to enter Africa. Invite agricultural machinery and technical personnel of various African countries in agricultural education for the company if it would be of great help to Korea's agricultural exports. Agricultural Mechanization in Ethiopia will continue in the future. In particular, plowing, harvesting, threshing, demand for primary agricultural equipment such as storage is increased because it deserves to be consulted on African agricultural exports.

Keyword

agricultural mechanization, Agricultural Mechanization in Ethiopia, Status and Future of Ethiopia Agricultural Mechanization

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