


Operation and maintenance of agricultural equipment for hire service businesses



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This course aims to present the general aspects of operation and maintenance of the agricultural equipment used within a hire service business. It introduces the concepts of proper operation, maintenance and repair service provision of machineries, equipment and tools. It explains the main principles of use and maintenance/care of agricultural power sources (including draught animals), implements and machines most likely to be of interest to mechanization service providers for smallholder farmers.

 2 hours

 Available in English and French

You will learn about

- Importance of the proper operation, maintenance and repair service provision of machineries, equipment and tools.
- The most common tractor systems and their related maintenance.
- The requirements of draught bovines in terms of feeding, housing and health care.
- The correct use and maintenance of different types of agricultural equipment, including seeders, planters, sprayers, post-harvest equipment and pumps.

Digital badge



Who is the course for?

This course is designed for a range of stakeholders with an interest in agricultural mechanization and the basics of running a hire service business. More specifically, the course is targeted towards:

- Smallholder farmers and rural youth interested in mechanization hire service provision.
- Existing or new mechanization hire service providers along the food value chain.
- Mechanization and agri-business specialists.
- Staff from organizations providing training in mechanization hire service provision.

Key partners

This course was developed by the Food and Agriculture Organization of the United Nations (FAO) Plant Production and Protection Division, and the International Maize and Wheat Improvement Center (CIMMYT). The creation of this course was possible through funding provided by the Mechanization Working Group of the German Development Agency (GIZ) Global Programme for the Green Innovation Centres through the Federal Ministry for Economic Cooperation and Development (BMZ), Germany.

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