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THE IMPORTANCE OF LOGISTICS IN AGRICULTURAL FARMS. THE SUPPORT OFFERED BY LAND IMPROVEMENT WORKS TO ENSURE ITS OPTIMAL FUNCTIONALITY

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The paper presents the importance of logistics in the management of agricultural activity, both in the field and in repair workshops, how an investment in logistics ultimately means an expense that generates savings, fewer losses and not in lastly, more care towards the environment, these contributing both to the efficiency of the activity and to the increase of the profit.

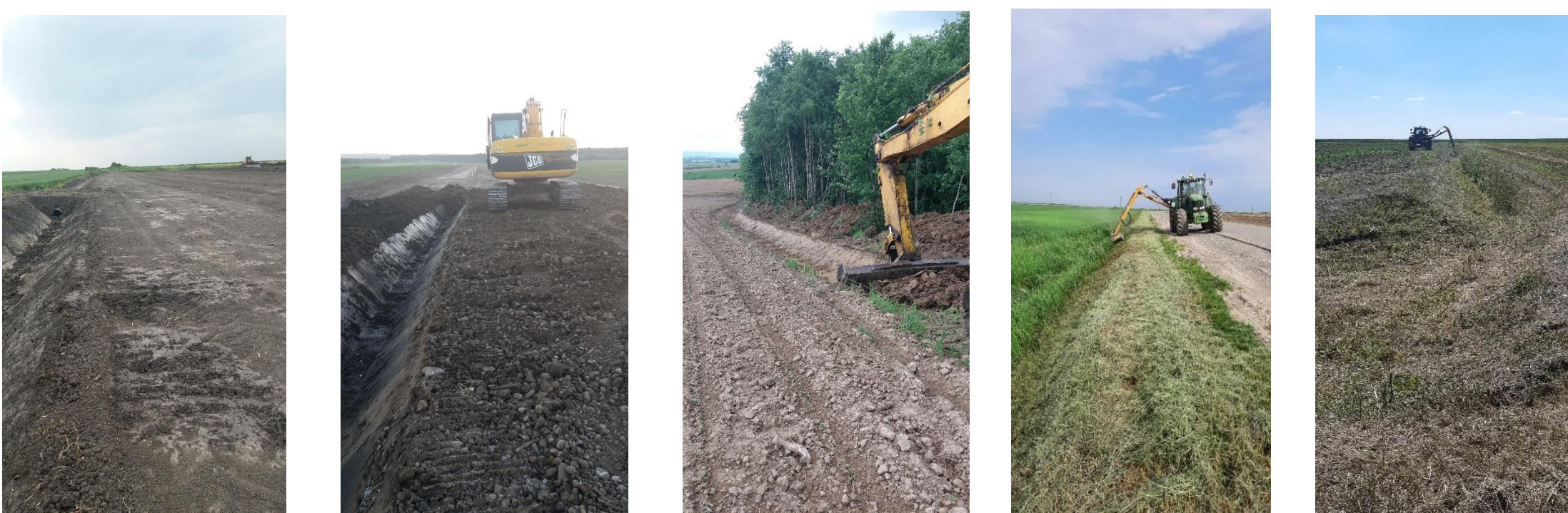
• Introduction

"Logistics is about having the right thing, in the right place, at the right time" Logistics World

• Material and method

Drainage channels and ditches
Exploitation roads and intubated bridges
Mechanical maintenance component

The paper deals with general problems related to the insurance and organization of logistics in an agricultural farm, but they are the fruit of activity, observations, practice and personal research over a period of over ten years, at four different farms.



• Results and discussions

All four studied farms encountered the same problems (impassable exploitation roads, destroyed piped floors, clogged drainage channels) which generated substantial costs with spare parts, damages from puddles on the plots, the increase in the execution time of the agricultural works (including transport of cuttings, seeds and agricultural products, difficult access to plots with large machines due to narrow sidewalks).

As these deficiencies were solved through specific works, and the respective expenses decreased significantly. All these farms carried out the repair works, replacement of pipes, pavements, land leveling and rehabilitation of exploitation roads under their own direction.

• Conclusions

A good logistics organization ensures farmers an uninterrupted technological flow from external causes, or at least, the minimization of their negative effects.

Especially in the case of a modern approach to agriculture, regardless of whether the work system is biological or conventional, logistics is that link in the unitary assembly that can make the difference between a good or a bad development of the technological stages.

A good management of logistics determines the reduction of the time allocated to an agrotechnical process, financial economy, the reduction of carbon emissions, the streamlining of specific activities, the creation of a calmer work climate, with beneficial socio-professional implications for the farm.

Acknowledgement:

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