The 2nd Regional Forum on Sustainable Agricultural Mechanization
Enabling Environment for Custom Hiring of Agricultural Machinery
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Serpong, Indonesia
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Agricultural Mechanization Development Center (AMDC)
Is a governmental organization under the Cultivated Deputy Ministry of Jihad-e-Agriculture
Farming mechanization Development group
Horticulture mechanization Development group
Livestock and fishery mechanization Development group
Testing and standardization group
The Modern Technologies group
Agriculture machinery Beneficiary systems group
The General groups
Agricultural Mechanization in Iran
Agricultural machinery testing

background of near to fifty years

Agricultural machinery

    tractors
    combines

Tilling implements

Planting machines

Keeping machines

Chemical sprayers

Post harvest equipments

Irrigations

    polyethylene pipes
    polyethylene joints
    Automatic valves
polyethylene pipes testing tools
Sigma5 Dynamometer

Tractor PTO test
Measuring:
- power
- torque
- fuel consumption
About 300 national standards in agricultural machinery

National network for testing equipments
Agricultural machinery testing Partnerships 22
Polyethylene's pipe and joint laboratory Partnerships 15

Partners
Apply the stationary and field tests and send the test report to the center to approve and issue the certificate for the machine
Supporting Policies
Beneficiary Systems of agricultural machinery Group

The mechanization servicing unities networks

- Preparing and present to equip and renewing the mechanization servicing unities networks by box developing credit.
- Doing free of task for mechanization unities that their activities resulted the product’s prime cost be low.
- Determining the price list for different services and issue it.
- Educating and training support to use new machines by ownerships.
- Help to changing old and attired machines to newer by paying loans through agricultural bank
Social and Economic Benefits

- Saving environment and weather, water and soil.
- Reduce drudgery and injuries for farmers.
- Bring benefit to agriculture and reduce Poverty in rural regions.
- Increase safety and reduce crimes.
- Reduce Undesirable immigrations.
- Have positive role on GDP in the state.
- Bring independence and food safety for country.
challenges and Constraints faced

- Unlettered and low literacy farmers and some of machine ownerships.
- Small farms and area for mechanization performing.
- Drought in most region of the country for several years.
- High price of high quality machines and equipments.
- Lack and less of financial facilities in private section to buy new machines and equipments.
Solutions and Suggestions

Performing Training course for farmers
High school degree for professional ownership
Encourage small farmer to associate their units to one unit by cooperate changing the regime of produce
High quality machines is supporting when they have quality certificate
The AMDC charge loans

In 2013 charged 242 million $
To the end Of 2014 is going to charge 260 million $
More than Half of billion $ investment for 2 years

For equipping the testing stations and to developing to codify national standards too annually 150000$ is expenses.
Thank you for your Patience