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Former Director General of Agricultural Research System, Pakistan

Bioenergy is the powerful tool on the poverty reduction and hunger in the world particularly South Asia

The role of bioenergy on the poverty alleviation in the developing countries of the world like South Asia were studied and reported that bioenergy can be produced from plant, plant derived materials, renewable in nature, derived from biomass and used directly for heating known as biomass fuels. Biomass can also be used directly for heating or power known as biomass fuel. Biomass is a biological material derived from living organism including plants and animals, known as agricultural biomass. As per report in Pakistan, a single cow is sufficient to provide a whole family with their milk and energy needs as biogas generated from the dung of cow. This is not only the cheapest source of energy but also an important alternative to replace the costly item like furnace oil, coal, natural gas used for non-renewable energy. It means, bioenergy is the basic need of our life, main source of poverty and without energy life is almost impossible. In view of the importance of bioenergy, the developing countries are still facing energy crises due to dense population and highly dependent on non-renewable energy. Although, a great potential of bioenergy is available. As reported, due to lack of energy nearly one billion people go to bed hungry each night. Keeping in view the importance of bioenergy, it is necessary that the potential of bioenergy may be commercialized to increase the income, reduce the energy crises as well as poverty in the developing countries of the world. It is concluded that bioenergy is the powerful tool on the poverty reduction and hunger in the world.

Biography

Muhammad Usman former Director General of Agricultural Research System, Government of Pakistan who retired from service after a spotless career of about 35 years with senior level experience on research and development of integrated agricultural production, industries, food and beverage, bioenergy on a sustainable way. He is basically an agricultural scientist with specialization of agricultural, food and biochemistry working on the yield and quality of various products and published several research papers. He is considered as the senior most scientist in the world, always participated in the international conferences as a keynote speech, renowned speaker, organizing committee member as well as moderator of the conferences around the world. He established Prominent Agro Based Industries, Agro Based Industries and Consultancy SDN BHD in Malaysia and Foundation for Rural Development in Pakistan with primary aim to work on integrated agricultural project for rural development through improvement in agriculture and consultancy services to the farmers at Malaysia.

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