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WELLNESS

MANY FACETS OF AGRICULTURAL SCIENCE

- Shakti Swarup Prusty

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MANY FACETS OF AGRICULTURAL SCIENCE

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Tilling of land for crop production is a pre – historic human activity. It was enriched and reformed later on making the soil more productive. Natural vegetation on growing food crop for human living identifies such segment as agricultural science. Its latin explanation is more elaborative and analytical, but historical development of human civilization has made the science widely recognized with agronomy, biochemistry, genetics, plant breeding, horticulture, entomology, social science, pathology with other branches of technology. Today the agricultural science has wide spectrum in the world.

Global revolution on the production science is looming large only because of rising population. In order to feed the enlarged population every country has focused on the growth of variety of crops all through the year. Out of total 159.7 million hect of land, 57 % agricultural land has been

used for cultivation purpose but the production on the rotational basis is the demand of the time. As such agricultural science has developed new scale of production activities. Genetic engineering and Nanotechnology in the field of agricultural production have been widely demanded. Research study on plant and breeding, high yielding crop have been used in the regard to meet out the food crisis of the country. NRRI, Cuttack every year brings out many new varieties of rice for production within short time.

Indian Council of Agricultural Research (ICAR) have taken up many new novel schemes for production of crop abundantly over a small land. Government have devised many schemes to promote many Healthy Agricultural Schemes for farmer's benefit. Crop Insurance, Time bound technological know how have been introduced proportionately. Farmer's benefit has been taken care of . Schemes like Kissan credit card (KCC) a short term and long term loans to farmers have been made successful to improve the social life of the farmers.

All through the seasons variety of crop production has been taken up. Regular market support price (MSP) has been provided to the farmers with a view to priviledging the farmers socio – economic status and profitability on crop production.



Regular mandi on various district or regional area have been organized to purchase the surplus crop from the farmers. Government have made various outlets in this regard.

Beginning from TV, Radio and Newspaper, all media have been directed to meet with farmers need and status so that this sector will be better well placed and developed.

Agriculture science has been a demandable spectrum in all the level of Government focus. Necessity is the mother of invention so also in agricultural science, many new technologies have been introduced to ensure the healthy India.

Kissan Mela and Bank assistances to the farmers have been an added beneficial features to Agricultural Development status of India. The Prime Minister of India as well as the Chief Minister of Odisha have introduced many farmer's welfare schemes like KALIA Yojana which are positive steps to strengthen the agriculture sectors and consolidate the farmers position in the society. In agricultural world, the suicidal death of the farmers will remain a far cry in ahead years.

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