

SEED GERMINATES TO THE PROSPERITY OF FARMERS

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Availability of required quantity of seed at right time is a major challenge. Forecasting of demand sometimes is actual and projection at times are for misleading. Provision of subsidies and export incentives for surplus may help farmers to add to their income. Elimination of artificial demand created by middle man will help farmers for quality of seed production. Storage of seed upto utilization or sale is difficult and cumbersome exercise for farmers. Seed demand forecasting is essential because of requirement crop, variety and quantity of seed. This help estimate the gap between production and consumption. Quality seed production is strengthen as policies formulation regarding seed production and food production are designed in such a way that only required quantity of seed is produced to avoid wastage or sale at food price .

On 75th Anniversary of Food and Agriculture Organization (FAO) 17 biofortified variety of 8 crops were dedicated to the Nation by Hon'ble PM. These varieties are more nutritious than the traditional variety sufficient to feed approximately 76 per cent of malnourished rural population as they cannot afford (The Hindu report). These improved variety seeds are achieved by hard work of scientists and farmers will definitely ameliorate and accentuate on empowering the farmers to realize the dream of malnutrition free India. PM recent call for major role of agriculture in contributing to Atam nirbhar Bharat Campaign involving farmers to be producers and entrepreneurs. When farmers will start working on these two fronts they will not only be adding to their income to realise the dream of doubling farmers income by 2022 but also help free

India from malnutrition and it Hunger. Farmers are facilitated by government through legislation to sale their produce in any market throughout the country where they can get better price for their produce.

Apprehension about these legislation is creating confusion among quarters with the threat and collapse of established marketing system but some find it opportunity to exploit market for their agriculture produce may be seed. Dedicated fund Specially for farmers to provide better facility and promote farmer based cluster approach. It stressed to to set up new Farmers's Producers Organizations (FPO's) to help farmers market their produce eliminating middle men. These will play important role in helping the farmers to effectively deal with various challenges in agriculture like technology, improved seeds, fertilizers and pesticides.

Seed companies have been registered by farmers who are providing parent seed and technical advice to brother farmers involved in seed production. We have strength of different agro-climatic zone ,necessary infra structure for seed production to be competitive with countries like Chile, Argentina and South Africa We in India IP protection through for plant variety through PPV&FR act in India but practically enforcement is not upto the desired level.

International companies needs IP protection for for custom seed production. Once we enable this our farmers can get more remuneration. Our basic objective should be seed production for export. Presently for custom seed production in vegetables China has supremacy we can break this by undertaking custom production in vegetables

and can be global leaders. To meet the export obligations with fail more and more infrastructure of poly houses is need with more allocation of funds under this head. There are hurdle for export but these can be lifted by fulfilling the standards and guidlines after due approval from National Biodiversity Authority in a time bound fashion and delay to avoid losses of perishability.

Single window system may help quick disposal and remedy to red tapism. A council of stake holders be constituted to ease the producers for export of their seed. Establishment of seed hubs with quality control laboratories to certify the produce for international standards will help promote growth of seed industry

and producers. A confuse is always there in grain and seed export which must be clarified. Dry port establishment and storage system be developed. If warehouse are not meeting the storage demand than farmers should be asked for storage and pest protection. Farmers meeting these standards must be incentivised. Special Economic Zone(SEZ) for seed should be developed with all possible facilities of storage and basic amenities to the farmers. An initiative on part of farmers to manage such zones should be taken so as to make them self reliant in marketing. This way Seed Producers Company of Farmers will be established and seed may germinate to prosperity of farmers.

