

DOUBLING THE FARMERS INCOME



WHY IN NEWS?

Recently, **Agriculture Ministry** released a 7-point strategy for doubling farmer's income by 2022. Also, **Ashok Dalwai-led Committee** on Doubling Farmers' Income gave certain suggestions in this regard

ABOUT SEVEN - POINT STRATEGY

INCREASE IN PRODUCTION

by improving irrigation efficiency



Implementing **Pradhan Mantri Krishi Sinchayee Yojana**



fast-tracking watershed development and water harvesting & management projects



Expediting **irrigation projects**



Increased irrigation budget (eg. Madhya Pradesh achieved 9.7% agri-growth rate (2004-2015) against national average of 3.6%)

EFFECTIVE USE OF INPUT COST

Government has taken up following steps



Seeds - Quality seeds at affordable prices



Encouraging organic farming - provides remunerative price



Better Planning - by adoption of new technology eg. space technology helps in forecasting of crop production, agricultural land-use mapping, drought prediction, utilization of fallow paddy fields etc



Fertilisers - rationalising fertilizers use by preventing diversion of urea through Neem Coated Urea scheme



Soil - Health Card Scheme to inform about nutrients status and fertilizers requirements of soils



Awareness - timely information & advisory services eg. Kisan Call Centre and Kisan Suvidha App

REDUCTION OF POST - HARVEST LOSSES



Integrated **cold chains in rural area**



Storage facilities by encouraging use of warehouses and avoid distressed sales at lower cost

VALUE ADDITION



Promoting quality through food processing - Pradhan Mantri Kisan Sampada Yojana focuses on forward and backward linkage of agro processing cluster, benefitting 20 lakh farmers and creating employment opportunities for about 5 lakh

REFORMS IN AGRICULTURE MARKETING



Integrating markets through **e-NAM**



Model Agricultural Produce Market Committee (APMC) Act also includes private market yards and direct marketing.



Contract farming Government is working on a Model Act

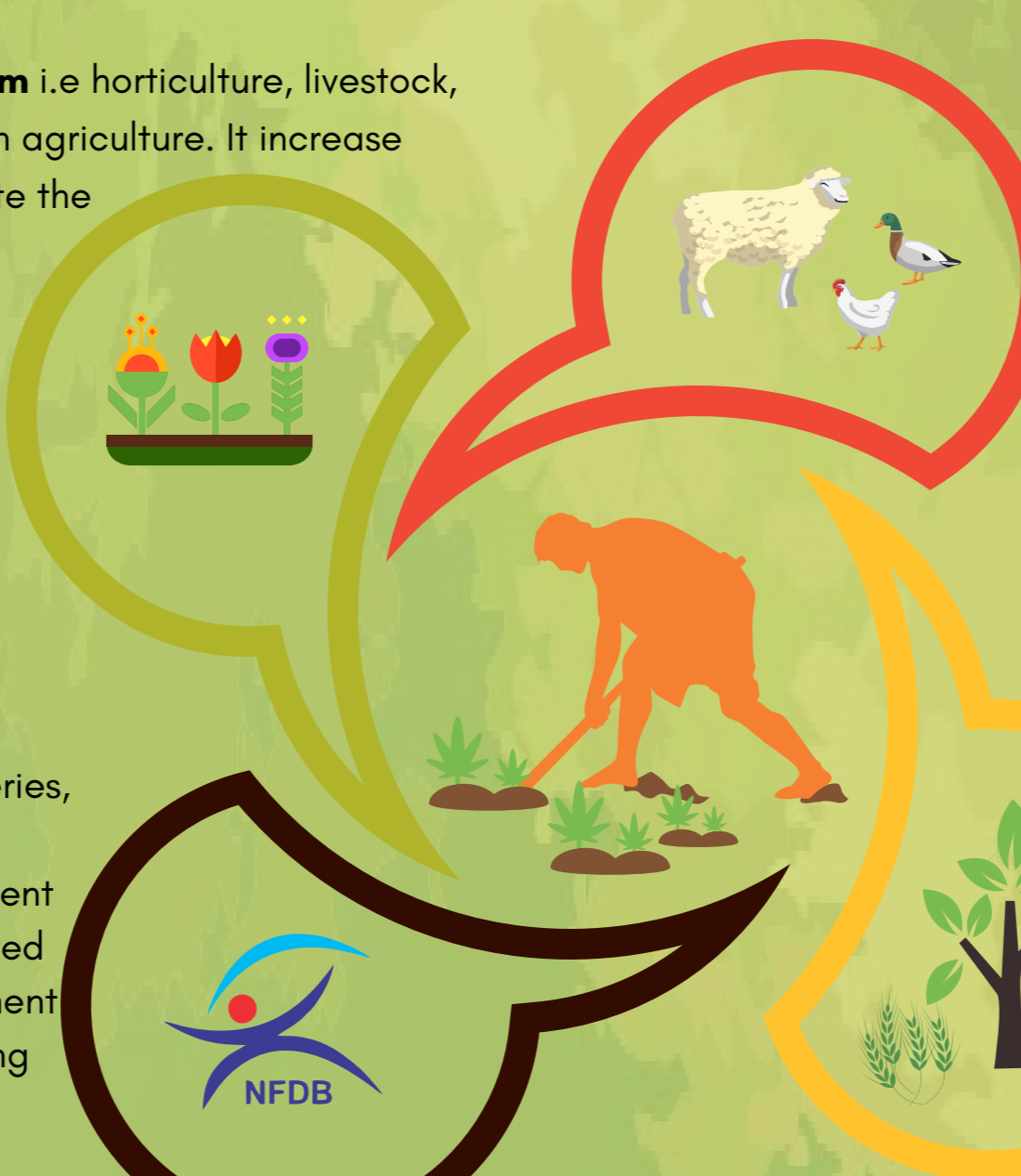
RISK, SECURITY AND ASSISTANCE



Insurance - Pradhan Mantri Fasal Bima Yojana (PMFBY) has low premium rates for crops, covering standing crops, pre-sowing to post-harvesting losses, crop loss assessments using Smartphones, satellite imagery etc

PROMOTING ALLIED ACTIVITIES

Integrated Farming system i.e horticulture, livestock, and bee keeping along with agriculture. It increase farmers income and mitigate the effect of natural disasters.



Rural Backyard Poultry Development to provide supplementary income and nutritional support to poultry, sheep, duck farmers, etc.

Blue Revolution inland fisheries, Aquaculture, Mariculture by National Fisheries Board (NFDB) under Integrated Development and Management of Fisheries, Deep Sea Fishing scheme etc.

Sub-Mission on Agroforestry to promote inter-cropping. "Med Per Ped" campaign has also been included.

SUGGESTIONS BY ASHOK DALWAI COMMITTEE

Focus on "**demand-driven fork to farm approach**", diversification towards high value crops etc.

Develop financial, other infrastructure in developed eastern India, which lags in private investment

Aim for **\$100 billion agricultural export** by 2022-23 and going beyond cereals and meat which constitutes bulk of our exports at present.

Additional investment of Rs 6.39 lakh crore from both **public and private sectors**

Stepping up institutional credit as they are **fulfilling only 50-60%** investment requirements of farmers

Enhance public investments in agricultural **R&D, irrigation, energy & education** in less developed states

WHITE REVOLUTION



viz indigenous conservation under **Rashtriya Gokul Mission**, improving genetic makeup & milk production, establishing Dairy Processing and Infrastructure Development Fund, self-employment through Dairy Entrepreneurship Development Scheme

BEEKEEPING



via training beekeepers, registering bee keepers and honey societies/ companies, establishing **Integrated Bee Keeping Development Centres (IBDC)**

HORTICULTURE



Mission for Integrated Development of Horticulture (MIDH) scheme provides better planting materials, improved seed, high-density plantation, rejuvenation, and precision farming.

OTHER MEASURES



Doubling farmer income can help achieve **SDG goal-2**: End hunger, achieve food security and improved nutrition, and promote sustainable agriculture. Other measures that can also be considered for the same.

ARRESTING FALLING PRICES BY MSP AND PROCUREMENT



To **reduce rising debt** and farmer protests

ENCOURAGING INNOVATION IN AGRICULTURE



Technology-based start-ups can **boost productivity & yield**

LAND REFORMS



Distributing surplus and waste lands, non-diversion of agricultural land and forest for non-agricultural use, establishing National Land Use Advisory Service etc.