Roadmap for Viksit Krishi

Prelims: *Current events of national and international importance | Agriculture | Economy*

Why in News?

Recently, at the 98th Foundation Day of the Indian Council of Agricultural Research (ICAR), the roadmap for Viksit Krishi was unveiled as a key pillar of Viksit Bharat 2047.

- **Aim –** To make Indian agriculture climate-resilient, technology-driven and globally competitive.

7 Key Goals of Viksit Krishi

1. **Climate Smart Villages –** Develop ***100 Climate Smart Villages*** before ICAR's centenary to showcase climate-resilient farming, water conservation, and risk-reduction models.
2. **One Institute-One Grand Innovation –** Each ICAR institute to deliver at least *one transformational innovation (crop variety, vaccine, digital tool, climate-smart solution) within two years.*
3. **Technology Outreach –** Extend ICAR technologies and innovations to 100 million farmers by ICAR's 100th Foundation Day.
4. **Mission ICAR-100 –** Transform *Krishi Vigyan Kendras (KVKs)* into innovation hubs, climate advisory centres, startup support centres and farmer demonstration centres; outreach to at least 100 villages per KVK.

   Krishi Vigyan Kendra (KVK) *is an agricultural extension centre in India that acts as the crucial bridge between agricultural research institutions and practising farmers.*

5. **Digital Knowledge Platform –** Establish an ***ICAR Open Digital Knowledge Platform*** for free farmer access to advisories, crop guidance, soil testing, weather forecasts and market updates.
6. **Counterfeit Control –** Strengthen *legal provisions against counterfeit seeds* and pesticides and develop simple field-level verification technologies.
7. **Resource Generation –** Generate Rs.10,000 crore internal resources by 2029 through commercialisation of ICAR technologies, crop varieties, vaccines and licensing.

- **New Release** – 43 new crop varieties, 17 technologies/products and 14 publications.

- It covers high-yielding, disease-resistant crops; nutrient-rich varieties; livestock and fisheries vaccines; and digital agri-solutions.

Reference

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