

Q. Analyse the factors that has led to a more sustainable white revolution than green revolution.

- 250 words.

Ans: Recently the date of 28th November was celebrated in Anand, Gujarat marking the 100th birth anniversary of Verghese Kurien - The father of white revolution.

Comparison between the factors of White Revolution vis-a-vis the Green Revolution, leading to more sustainability of the farmer than the latter:—

White Revolution

Objective 1. Increase the income of small and marginal dairy farmers in Gujarat to empower them.

Mechanism 2. Socio economic enterprise driven by political leaders and on the principles of equity and shared allocation of resources.

Visionaries 3. ~~MS Swaminathan~~
~~Nauman~~ ~~Barlaug~~ Verghese Kurien, Sardar Patel and Tulsikhurandas Patel

Methodology 4. Aim of white revolution was

Green Revolution

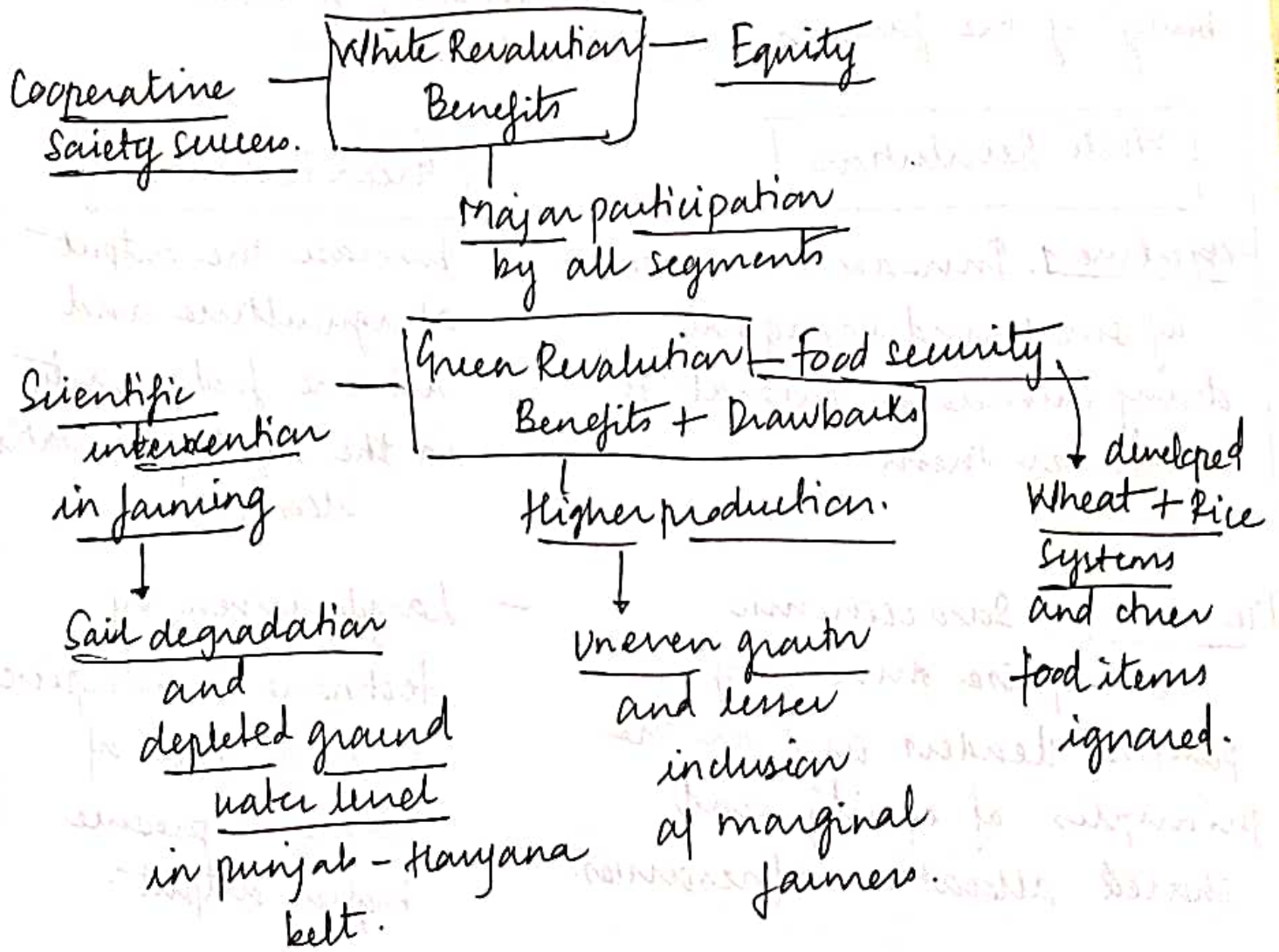
Increase the output of agriculture and achieve food security in the light of population bloom.

— Largely driven by technocratic enterprise and principles of science to produce higher output.

— MS Swaminathan and Nauman Barlaug.

not just profit of diary farmers but also achieve socio-economic equality and set agenda for mass cooperative movement.

- On the other side, aim of green revolution was to produce high yield by applying artificial and scientific techniques to foster wheat + Rice production.



Way Forward : —

- Inclusive Governance and policies.
- Ensure ~~participat~~ participation at grass root level.
- Sustainable Agriculture.
- ~~Scientific~~ Science for greater human benefit in long run.

The success of White Revolution in comparison to Green Revolution is largely attributed to its sustainable practices and greater inclusion of all social classes in the movement.

Solutions and new techniques of increasing income of farmers must be indigenous in the sense that future needs of the country are not compromised and SDGs 11 and 15 are achieved by 2030.

(16 mins)