GREEN REVOLUTION

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• INDIA AND GREEN REVOLUTION

• Third largest producer and second largest exporter of wheat
• Largest producer of Milk
• Second largest producer of Vegetables and Fruits
• Second largest producer and the largest exporter of Rice
• Largest producer and fifth largest exporter of Marine products
• Fifth largest exporter of Meat & meat products
• Fourth largest producer of edible oil and largest producer of pulses.
• The Green Revolution transformed India from a starving nation to an exporter of food
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The Imminent Famine

• In the mid-1960s, the country faced two successive years of severe drought

• No facilities of warehousing, structured agro markets, logistics, technology and transportation.

• Farmers refused to produce more as there was no guarantee of their surplus products getting sold

• Introduction of vaccines and life saving drugs in the 1950s led to population explosion

• All of these combined to result in acute food shortage

• India reached a stage where she had stocks for only two weeks

• FAO estimated that severe famine could take upto 10m lives in the country

• In 1966, Prime Minister Shastri asked C Subramaniam to take over as the minister of agriculture
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The Plan

• CS proposed to import hybrid seeds that had been developed by Dr. Norman Borlaug
• Food Corporation of India was set up
• Surplus food was purchased at a price that guaranteed the farmers a profit
• This food could then be sold in food deficit areas
• That way farmers would always have an incentive for producing more
• Seed farms, warehouses and fertilizers production units were set up to support the effort.
• He even told in the Cabinet that India can be self sufficient in food production in next 5 years and can be an exporter in 10 years.
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Opposition

• CS faced formidable opposition from within the Cabinet, agricultural scientists, the opposition parties and the public
• He needed foreign exchange to import seeds and fertilizer, and commitment of additional resources to compensate farmers in case the new technology failed
• The finance minister was unwilling to provide either
• Scientists and economists opposed the proposed strategy
• The farmers said it would not work in India, the people wouldn’t eat it because the wheat was the wrong color and shape
• The opponents organized some thousand protest demonstrations around the country
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**Meeting the Immediate Requirements**

- CS converted five acres of lawns at his residence in Delhi as a minister into a demonstration farm.
- That experiment proved successful, leading his colleagues to withdraw their opposition.
- The government brought the seeds by air as they couldn’t wait for the ships.
- Since food was urgently required, CS went to Washington and asked US President Johnson to redirect the food already in the high seas, that had been meant for other destinations.
- The Indian government came to an arrangement with the neighbouring countries, mainly Pakistan, to use their ports to receive all these ships.
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Planning for the Long Term

• CS revamped agricultural education in the country
• He shifted the focus to high priority areas in agriculture including entrepreneurship.
• He set up a fertilizer corporation (FCI)
• Food grain production went up by 50 percent in 5 years India had a token surplus and began to export
• In 10 years, it doubled its food production
• This was such a success, and was emulated in other Asian and African countries as well
• Green revolution of 1960’s lead the path to White revolution and Blue revolution of 1970s
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Conscious Observation and Mimesis

- Agriculture has been a long, slow process of unconscious learning
- Green Revolution resulted when the same process was done consciously
- Mind has the capacity to abridge the time
- Mind understands the Part not the Whole
- Mind not only has the capacity of creativity but also its applicability.
- Mind does this coordination and implementation by its enormous power of self organisation
- With a right CONSCIOUSNESS, mind has the capability of turning most challenging situations to infinite opportunities
- One mind or one person’s perfection can save the entire world.
- India literally was saved by this persons Mind, Creativity and Thinking which later on projected as GREEN REVOLUTION.
THANK YOU