



Global  
Institute of Integral  
Management Studies

# GREEN REVOLUTION

S.S.Sreejith., CEO

Global Institute of Integral Management Studies, India.





## • 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

2017



# GREEN REVOLUTION

## 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



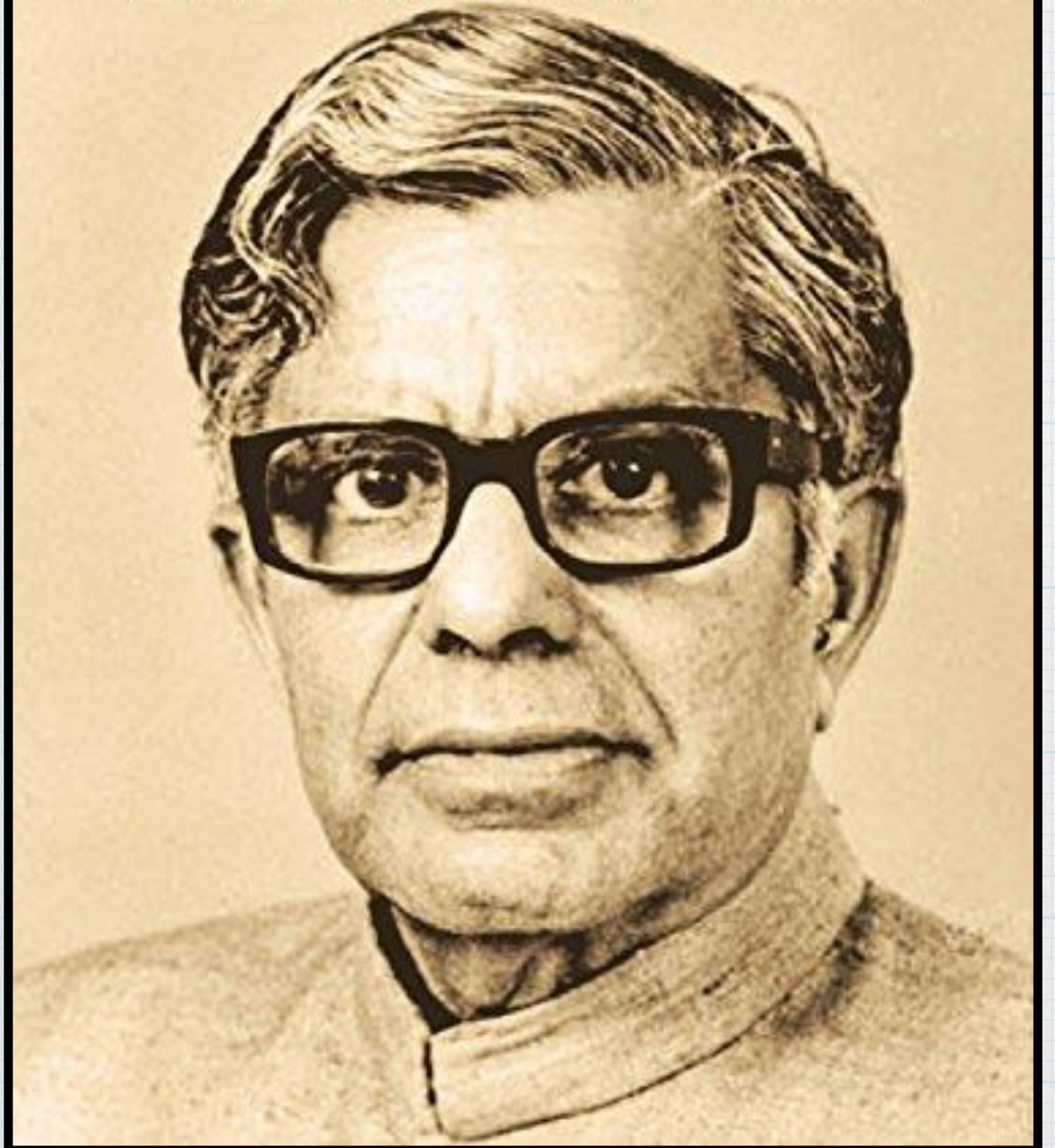


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## The Plan

- 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.

C. Subramaniam





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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

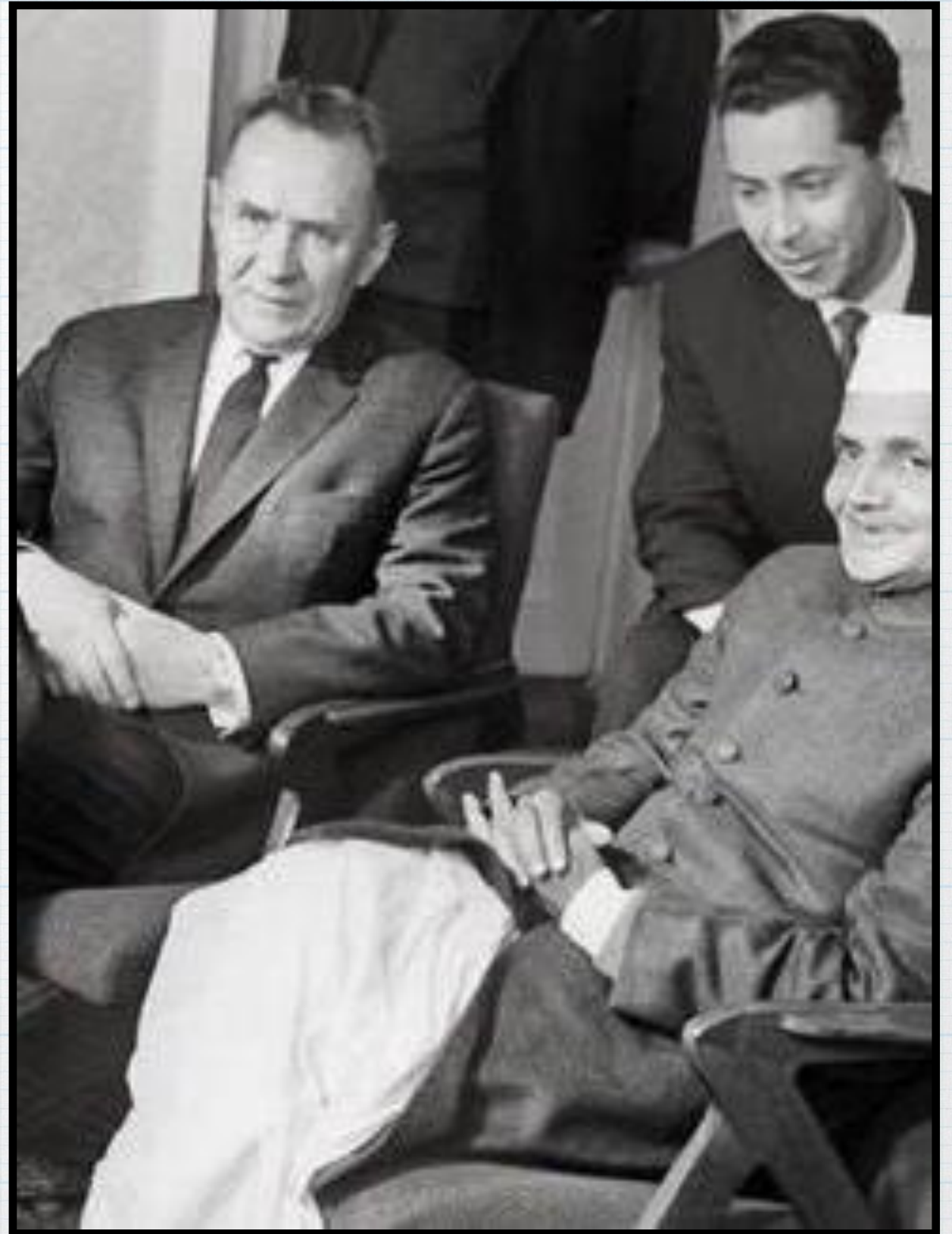




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## Meeting the Immediate Requirements

- 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





# GREEN REVOLUTION

## 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



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