

List of Agricultural Revolutions in India

| Agricultural Revolutions in India | | |
|--|-------------------------|--|
| Products/Aim | Revolution | Father of the Revolution |
| Integration of ecological principles in technology development | Evergreen Revolution | M S Swaminathan |
| Higher Production (Technology-driven 2nd Green revolution) | Protein Revolution | Coined by Narendra Modi and Arun Jaitely |
| Oilseed Production (Especially Mustard and Sunflower) | Yellow Revolution | Sam Pitroda |
| Petroleum products | Black Revolution | - |
| Fish Production | Blue Revolution | Dr Arun Krishnan |
| Leather / Cocoa / Non-Conventional Products | Brown Revolution | - |
| Jute Production | Golden Fiber Revolution | - |
| Fruits / Honey Production / Horticulture Development | Golden Revolution | Nirpakh Tutej |
| Fertilizers | Grey Revolution | - |
| Onion Production / Pharmaceuticals / Prawn Production | Pink Revolution | Durgesh Patel |
| Egg Production / Poultry Production | Silver Revolution | Indira Gandhi (Mother of the Revolution) |
| Cotton | Silver Fiber Revolution | - |
| Meat Production / Tomato Production | Red Revolution | Vishal Tewari |
| Potato | Round Revolution | - |
| Food Grains | Green Revolution | M.S. Swaminathan |
| Milk Production | White Revolution | Verghese Kurien |

Highlights of Agricultural Revolutions

Black Revolution: To increase petroleum production, the Government planned to accelerate the production of ethanol and to mix it up with petrol to produce biodiesel. Ethanol is a renewable source of energy and is a by-product of sugar production produced from molasses. The blending of ethanol with petrol has been practised in the USA and Brazil for over 70 years. The blending of ethanol with transport fuels would provide better returns to farmers, supplement scarce resources of hydrocarbons and environment-friendly by reducing pollutants as it helps combustion.

Pink Revolution: The boom of export and production of meat in India is the period of the [Pink Revolution](#). It denotes the technological revolution in the poultry and meat processing sector. Know more about this revolution on the page linked

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Grey Revolution: Grey revolution is related to increased fertilizer production. It is basically associated with the mal effects of the green revolution of India focusing on what can happen if the new agricultural equipment turns things wrong.

White Revolution: Verghese Kurien, the Father of the White Revolution was a social entrepreneur. His "billion-litre idea", Operation Flood made India the world's largest milk producer and dairy farming India's largest self-sustaining industry. Details on operation flood and [White Revolution](#) in India can be found on the linked page.

Operation Greens: On the lines of Operation Flood, the Government of India launched Operation Greens seeking to mirror the success of milk in the White Revolution for fruits and vegetables of the nation with a major focus on Tomato, onion and potato – TOP Crops. The scheme operation Greens was launched in the Union budget 2018-2019. Detailed information on [Operation Greens](#) can be found on the linked page.

Yellow Revolution: In the Yellow Revolution, rising from the 'net importer' state, India achieved the status of a self-sufficient and net exporter. An all-time record of 25 million tonnes of oilseeds production from annual oilseed crops was attained during the early nineties. More detail on the [Yellow Revolution](#) is given on the page linked here.

Green Revolution: The early 1960s was the phase of the Green revolution in India. It led to an increase in higher-yielding varieties of seeds due to improved agronomic technology. It allowed the then developing country, India, to overcome poor agricultural productivity. Detailed information on the [Green Revolution](#) can be checked here.

Silver Revolution: The production of eggs was tremendously increased during the Silver Revolution phase. The increased production of eggs was made possible due to medical science and more protein-rich food for the hens.

Golden Revolution: The period between 1991 to 2003 is known as the period of the Golden Revolution. This made India a world leader in the production of bananas, mangoes, etc. and provided sustainable livelihood and nutrition options. Know the period of the [Golden Revolution](#) in detail.

Brown Revolution: This revolution focuses on meeting the demand for coffee from the developed nations by growing socially responsible and environment-friendly coffee. The Brown Revolution is related to Visakhapatnam's tribal areas.

Blue Revolution: Blue revolution made the emergence of aquaculture an important and highly productive agricultural activity. Know about the [Blue Revolution](#) in detail.

Golden Fiber Revolution: Golden Fibre Revolution in India is related to jute production. During the industrial revolution, jute started being used as a raw material in the fabric industry and until today, the processed jute is used for making strong threads and jute products. Know more on [Golden Fibre Revolution](#) in the link provided.

Which of the following periods is known as the first Green Revolution period in India?

1. 1975-1978
2. 1951-1953
3. 1981-1983
4. 1966-1969

Answer (4) 1966-1969

The Green Revolution in India was an introduction of high-yielding varieties (HYV) of seeds for _____.

1. Millets

✓ of high-yielding varieties (HYV) of seeds for _____.

1. Millets

2. Wheat

✓ 3. Oilseeds

4. Pulses

Answer (2) Wheat

Round Revolution is associated with the production of _____.

1. Eggs

2. Tomatoes

3. Potatoes

✓ 4. Onions

Answer (3) Potatoes

Silver Fibre revolution is related to _____.

1. Milk Production

2. ~~Meat Production~~

3. Cotton production

✓ 4. Fruits Production

Answer (3) Cotton Production

Who is known as the Mother of Silver Revolution in India?

1. Durgesh Patel

2. Verghese Kurien

3. Harilal Chaudhary

4. Indira Gandhi

Answer (4) Indira Gandhi

✓ Which state was chosen as the initiation site in India for Green Revolution?

1. Tamil Nadu

2. Punjab

3. Bihar

4. Andhra Pradesh

Answer (2) Punjab

Production of onions, drugs and pharmaceuticals, prawns all are associated with _____ revolution.

1. Pink Revolution

2. Grey Revolution

3. Red Revolution

4. Evergreen Revolution

Answer (1) Pink revolution

_____ is known as the Father of the White Revolution.

1. Norman Borlaug

2. Nirpakh Tutej

3. Dr. Verghese Kurien

4. M.S. Swaminathan

Answer (3) Dr. Verghese Kurien

Black Revolution is concerned with _____.

1. Crude oil production

2. Grapes production

3. Oilseeds production

4. Coal production

Answer (1) Crude oil production

White Revolution is associated with the production of :

A. Jute

B. Cotton

C. Eggs

D. Milk

Correct Answer : D

Who is the Father of White Revolution ?

- A. ~~M.S. Swaminathan~~
- B. Verghese Kurien
- C. Norman Borlaug
- D. Durgesh Patel

Correct Answer : B

Green Revolution is related to the production of :

- A. Petroleum products
- B. Oil Seeds
- C. ~~Agriculture (Food grains)~~
- D. Milk

Correct Answer : C

Who is considered as Father of Green Revolution in India ?

- A. M.S. Swaminathan
- B. Dr. Arun Krishnan
- C. Durgesh Patel
- D. Verghese Kurien

Correct Answer : A

Green Revolution was initiated in India in :

- A. 1960's
- B. 1970's
- C. 1980's
- D. 1990's

Correct Answer : A

Golden Revolution is related with the production of :

- A. Honey
- B. Horticulture
- C. Both A and B
- D. ~~Neither A nor B~~

C. Both A and B

D. Neither A nor B

Correct Answer : C

Silver Revolution related with the production of :

A. Fertilizers

B. Eggs

C. Cotton

D. Oil Seeds

Correct Answer : B

Golden Fiber Revolution related with the production of :

A. Jute

B. Fruits

C. Potato

D. Cotton

Correct Answer : A

Silver Revolution related with the production of :

A. Fertilizers

B. Milk

C. Cotton

D. Jute

Correct Answer : C

Round Revolution is related with the production of :

A. Potato

B. Eggs

C. Jute

D. Wheat

Correct Answer : A

Grey Revolution is related to :

A. Fertilizers production

- B. jute production
- C. Milk Production
- ✓ D. Oil Seeds Production

Correct Answer : A

Blue Revolution was associated with the production of :

- A. Jute
- B. Cotton
- C. Fish
- D. Petroleum Products

Correct Answer : C

Father of Green Revolution in world :

- ✓ A. Norman Borlaug
- B. Durgesh Patel
- C. Verghese Kurien
- D. Dr.Arun Krishnan

Correct Answer : A

Production of Milk and Dairy products are associated with :

- A. Green Revolution
- B. White Revolution
- C. Silver Revolution
- D. Blue Revolution

Correct Answer : B

Pink Revolution is related with the production of :

- ✓ A. Onions
- B. jute
- C. Potato
- D. Wheat

Correct Answer : A

Brown Revolution is related with the production of :

- A. Leather
- B. Cocoa
- C. Both A and B
- D. Neither A nor B

Correct Answer : C

Red Revolution is related with the production of :

- A. Meat and Tomatoes
- B. Honey and Horticulture
- C. Milk and Dairy products
- D. Leather and Cocoa

Correct Answer : A

Black Revolution is related with the production of:

- A. Jute
- B. Potato
- C. Rice
- D. Petroleum products

Correct Answer : D

Production of fruits, Honey and Horticulture are all associated with :

- A. Golden Revolution
- B. Silver Revolution
- C. Yellow Revolution
- D. White Revolution

Correct Answer : A

Yellow Revolution is related to :

- A. Jute Production
- B. Milk Production
- C. Oilseed Production
- D. Cotton Production

Correct Answer : C

✓
