



सत्यमेव जयते

DEPARTMENT OF BIOTECHNOLOGY
GOVERNMENT OF INDIA



भाऊ भिरुप
ICAR

DBT Biotech-KISAN Hub

Connecting Science with the Farmers



रा जे स्टे प्र से
NIBSM



**DBT BIOTECH
KISAN HUB**

2023

**ICAR
NATIONAL INSTITUTE OF
BIOTIC STRESS
MANAGEMENT**

Rendering solution to biotic stresses

ICAR-National Institute of Biotic Stress Management

Baronda, Raipur - 493 225, Chhattisgarh, India

Tel. No. : +91-771-2277333

E-mail : director.nibsm@icar.gov.in

Website : <https://nibsm.icar.gov.in>

Citation

Mooventhan, P., P. K. Ghosh, S. K. Verma, B. S. Rajput, S. K. Upadhyay, Gunjan Jha, R. K. Sahu, Uttam Singh and Pankaj Kaushal. 2023. Achievement of DBT Biotech-KISAN Hub Project: A Photographic Atlas. ICAR - National Institute of Biotic Stress Management, Raipur, Chhattisgarh, India, 84 pp.

Published by

The Director and Vice-chancellor

ICAR - NIBSM, Raipur - 493 225

Chhattisgarh, India

Concept and guidance

P. K. Ghosh

Compiled and edited by

Principal Investigator & Hub Facilitator : P. Mooventhan

PIs of Sub-hub KVKs : S. K. Verma, B. S. Rajput, S. K. Upadhyay, Gunjan Jha (Project In-charge) and Rewendra Kumar Sahu (YP-II)

Support and encouragement

Pankaj Kaushal, Joint Director (Research), ICAR-NIBSM, Raipur

Special thanks to

H. S. Gupta, Chairman, PSMC, DBT, GoI

Mentor - M. J. Chandre Gowda, PS, ICAR-ATARI, Bengaluru

DBT Team - Manoj Kumar Modi, Vaishali Panjabi, Sanjay Kalia, Mohd. Aslam and Kumari Priya

R. K. Murali-Baskaran I/c SCHMR and Anil Dixit, Joint Director (Acting), SCHBR, ICAR-NIBSM, Raipur

Acknowledgement

Department of Biotechnology, Govt. of India, New Delhi

Indian Council of Agricultural Research, New Delhi

Indira Gandhi Krishi Vishwavidyalara, Raipur

DBT Sanction Order No. : BT/KIS/123/SP35596/2019 dated 16.01.2020

Success Stories



Mr. Aagnu Sahu



Mr. Anil Chandrakar



Mrs. Bhulsi Chandrakar



Mr. Ganesh Sahu



Mr. Murari



Mr. Pritam Sahu



Mr. Laxman Margaye



Mr. Lakhan Lal Kolyare



Mr. Hemsingh



Mr. Dharam Das Sahu



Mr. Vishnu Yadav



Mr. Narad Kumar



Mrs. Jotbai



Mr. Rameshwar Singh



Mr. Amrit Singh

Success Stories Under DBT Biotech-KISAN

Success Story – 01

	Name of farmer	Mr. Aagnu Sahu
	Address	Achola, Post- Zoba, Block- Mahasamund, Pin- 493445 Mobile Number: 7828000515
	Age	38 Years
	Education	5 th
	Size of landholding (acre)	2.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy (Kharif)	2	32	70,400	45,056
Field Crop 2	Paddy (Rabi)	2	27	59,400	39,204
Total				1,29,800	84,260

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy (Kharif)	2	44	96,800	65,824	37.50	46.09
Field Crop 2	Chickpea	2	12	63,600	44,520	100.00	100.00
Total				1,60,400	1,10,344		30.96

Brief: The farmer used to get annual income of Rs. **84,260** from paddy. He faced problems like low yield, water scarcity, etc. With interventions under Biotech KISAN projects like improved high yielding variety, application of bio agents, improved technological package and practices etc, he is getting annual income of **Rs. 1,10,344**.



Paddy Cultivation



Chickpea Cultivation

Success Story – 02

	Name of farmer	Mr. Anil Chandrakar
	Address	Village- Paraswani, Post- Birkoni, Pin- 493445 Mobile Number: 7770815454
	Age	42 Years
	Education	10 th
	Size of landholding (acre)	3.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy (Kharif)	3	48	1,05,600	66,528
Field Crop 2	Paddy (Rabi)	3	43	94,600	60,544
Total				2,00,200	1,27,072

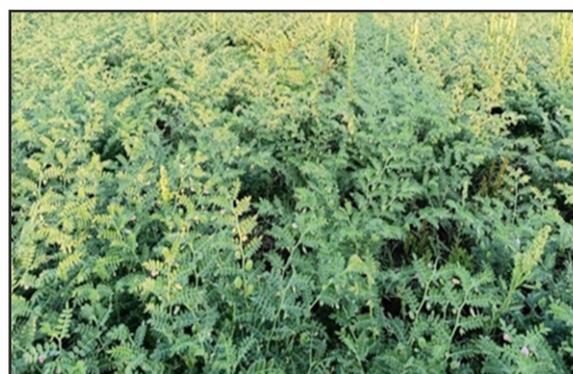
2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy (Kharif)	3	64	1,40,800	95,744	33.33	43.92
Field Crop 2	Chickpea	2	11	58,300	41,393	100.00	100.00
Total				1,99,100	1,37,137		7.92

Brief: The farmer used to get annual income of **Rs. 1,27,072** from paddy Kharif and Summer etc. He faced problems like low yield, insect - pest, Irrigation facility etc. With interventions under Biotech KISAN projects like improved high yielding variety, application of bio agents, improved technological package and practices, insect pest management etc. he is getting annual income of **Rs. 1,37,137**.



Paddy Cultivation



Chickpea Cultivation

Success Story – 03

	Name of farmer	Mrs. Bhulsi Chandrakar
	Address	Village- Paraswani, post- Birkoni Mobile Number: 7770815454
	Age	45 Years
	Education	10 th
	Size of landholding (acre)	3.7

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy (Kharif)	3.7	58	1,27,600	76,560
Field Crop 2	Paddy (Rabi)	2	27	59,400	39,204
Total				1,87,000	1,15,764

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy (Kharif)	3.7	82	1,80,400	1,26,280	41.38	52.25
Hort. Crop 1	Tomato	0.019	8	8000	5,500	100.00	100.00
Total				1,88,400	1,31,780		13.84

Brief: The farmer used to get annual income of **Rs. 1,15,764** from rice kharif and summer etc. She faced problems like low yield, insect and pest, irrigation facility etc. With **Biotech KISAN Hub** interventions like high yielding variety, proper management, agronomic practices, insect pest management and including tomato cultivation etc. she is getting annual income of **Rs.1,31,780**.



Rice Cultivation



Tomato Cultivation

Success Story – 04

	Name of farmer	Mr. Ganesh Sahu
	Address	Birkoni, Block- Mahasamund Pin- 493445 Mobile Number: 7974272813
	Age	28 Years
	Education	12 th
	Size of landholding (acre)	4.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4	62	1,36,400	85,932
Field Crop 2	Chickpea	2	7	37,100	23,000
Total				1,73,500	1,08,932

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	4	88	1,89,200	1,27,200	41.94	48.02
Field Crop 2	Chickpea	2	12	63,600	43,248	71.43	88.03
Total				2,52,800	1,70,448		56.47

Brief: The farmer used to get annual net income of **Rs. 1,02,232** from paddy and chickpea. He faced problems like weedy infestation, water scarcity, lack of knowledge etc. With interventions under Biotech KISAN projects like improved high yielding variety, application of bio agents, improved technological package and practices, insect pest management, timely sowing etc., he is getting annual net income of **Rs. 1,70,448**.



Paddy Cultivation



Chickpea Cultivation

Success Story – 05

	Name of farmer	Mr. Murari
	Address	Achola, Block- Mahasamund, Pin- 493445 Mobile Number: 9753413921
	Age	46 Years
	Education	10 th
	Size of landholding (acre)	2.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	32	70,400	42,240
Field Crop 2	Chickpea	2	6	31,800	20,300
Total				1,02,200	62,540

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	2	44	96,800	65,824	37.50	55.83
Field Crop 2	Chickpea	2	10	53,000	37,100	66.67	185.19
Total				1,49,800	1,02,924		64.57

Brief: The farmer used to get annual net income of **Rs. 55,740** from paddy and chickpea. He faced problems like low yield, water scarcity, etc. With interventions under Biotech KISAN projects like improved high yielding variety, application of bio agents, improved technological package and practices, insect pest management, timely sowing, recommended dose of fertilizer etc, he is getting annual net income of **Rs. 1,02,924**.



Paddy Cultivation



Chickpea Cultivation

Success Story – 06

	Name of farmer	Mr. Pritam Sahu
	Address	Village-Sonsaytola, Post -Bhadsena, Tehsil-Ambagarh Chowki, Distt-Rajnandgaon (C.G.) 491665
	Age	31 Years
	Education	10 th
	Size of landholding (acre)	1.48

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1.48	20.72	45,584	34,188
Total				-	-

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Hort. Crop 1	Cauliflower	1.48	120	4,20,000	2,80,000	100.00	100.00
Hort. Crop 2	Cucumber	1.0	155	2,32,500	1,82,500	100.00	100.00
Total				6,52,500	4,62,500		1,252.81

Brief: The farmer used to get annual income of **Rs. 34,188** from paddy cultivation etc. He faced problems like technical knowledge of farming etc. With DFI interventions like Scientific vegetable farming with drip and mulching etc., he is getting annual income of **Rs. 4,62,500**.



Cultivation of cauliflower



Cultivation of Rice

Success Story – 07

	Name of farmer	Mr. Laxman Margaye
	Address	H. No.- 78, Village- Kodu tola, P.O- Bhadsena, Tehsil-Ambagarh Chowki, Distt-Rajnandgaon (C.G.) 491665
	Age	46 Years
	Education	8 th
	Size of landholding (acre)	6.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	5	70 Qu.	1,54,000	1,07,800
Total				1,54,000	1,07,800

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop1	Rice	5.0	80 Qu.	1,76,000	1,33,200	14.28	23.56
Hort.Crop1	Cowpea	0.5	18 Qu.	32,400	20,400	100.00	100.00
Hort.Crop2	Tomato	0.5	50 Qu.	50,000	25,000	100.00	100.00
Total				2,58,400	1,78,600		65.67

Brief: The farmer used to get annual income of Rs. **1,07,800** from Rice cultivation. He faced problems like technical farming etc. With DFI interventions like Vegetable cultivation with drip and mulching etc., he is getting annual income of Rs. **1,78,600**.



Rice cultivation



Cultivation of cowpea

Success Story – 08

	Name of farmer	Mr. Lakhan Lal Kolyare
	Address	H.No.-114, Ward No.-14, Village-Sonsaytola, P.O- Bhadsena, Tehsil - Ambagarh Chowki, Distt- Rajnandgaon (C.G.)
	Age	50 Years
	Education	Graduation
	Size of landholding (acre)	2.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Rice	2.0	30 Qu.	66,000	42,240
Total				66,000	42,240

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop1	Rice	2	34 Qu.	74,800	56,872	13.33	34.64
Field Crop2	Green Gram	1	2 Qu.	11,000	6,000	100.00	100.00
Field Crop3	Black Gram	1	6 Qu.	33,000	25,000	100.00	100.00
Hort.Crop1	Brinjal	0.5	120 Qu.	96,000	56,000	100.00	100.00
Hort.Crop2	Bitter Gourd	0.5	30 Qu.	48,000	18,000	100.00	100.00
Hort.Crop3	Tomato	0.5	80 Qu.	80,000	40,000	100.00	100.00
Total				3,42,800	2,01,872		377.91

Brief: The farmer used to get annual income of Rs. **42,240** from Rice cultivation and wages. He faced problems like technical farming and market price etc. With DFI interventions like Drip irrigation system, Mulching and High yielding varieties etc., he is getting annual income of Rs. **2,01,872**.



Tomato Cultivation



Bittergourd Cultivation

Success Story – 09

	Name of farmer	Mr. Hemsingh
	Address	Village-Mangatola, P.O-Bandhabazar, Tehsil- Ambagarh Chowki, Distt-Rajnandgaon
	Age	56 Years
	Education	9 th
	Size of landholding (acre)	4.75

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop1	Rice (Kharif)	4.0	60	1,32,000	95,040
Field Crop2	Pea (Rabi)	2.0	40	1,60,000	1,30,000
Hort.Crop1	Cowpea (Rabi)	2.0	66	99,000	59,000
Total				3,91,000	2,84,040

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop1	Paddy (Kharif)	4.0	72	1,58,400	1,10,880	20.00	16.67
Field Crop2	Pea (Rabi)	2.0	50	2,00,000	1,60,000	25.25	23.08
Hort.Crop1	Cowpea (Rabi)	2.0	74	1,11,000	61,000	12.36	3.39
Livestock 1	Poultry	20 Nos	200	1,00,000	80,000	100.00	100.00
Livestock 2	Goat	6 Nos.	15	75,000	65,000	100.00	100.00
Total				6,44,400	4,76,880		136.23

Brief: The farmer used to get annual income of **Rs. 2,84,040** from Paddy, Pea and Cowpea cultivation etc. He faced problems like marketing and lack of knowledge about farming etc. With DFI interventions like Proper management of farm etc., he is getting annual income of **Rs. 4,76,880**.



Goat farming



Pea cultivation

Success Story – 10

	Name of farmer	Mr. Dharam Das Sahu
	Address	Village-Sonsaytola, P.O- Bhadsena, Tehsil-Ambagarh Chowki, Distt- Rajnandgaon (C.G.) 491665
	Age	54 Years
	Education	12 th
	Size of landholding (acre)	2.5

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop1	Rice (Kharif)	2.5	35	77,000	48,510
Field Crop2	Maize (Rabi)	2	62	80,600	60,600
Livestock 1	Cow	3 Nos.	1200 Ltr.	36,000	21,000
Total				1,93,600	1,30,110

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/No.	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop1	Rice (Kharif)	2.5	47.5	1,04,500	71,060	35.71	46.49
Field Crop2	Maize (Rabi)	1	40	52,000	39,500	29.03	30.36
Hort.Crop1	Cucumber (Rabi)	1	155	2,32,500	1,72,500	100.00	100.00
Hort.Crop2	Tomato (Rabi)	0.50	50	50,000	28,000	100.00	100.00
Livestock 1	Cow	5	2000	60,000	35,000	66.67	66.67
Other Enterprise1	General store	1 Unit	-	-	80,000	100.00	100.00
Total				4,99,000	4,26,060		227.46

Brief: The farmer used to get annual income of **Rs. 1,16,600** from Rice, Maize cultivation, General store and Dairy farming etc. He faced problems like technology and market price of products etc. With DFI interventions like Drip irrigation system, Mulching and High yielding varieties etc. he is getting annual income of **Benchmark (Base line period 2020)**



Tomato cultivation



Paddy cultivation

Success Story – 11

	Name of farmer	Mr. Vishnu Yadav
	Address	Village- Sonpuri, Podi-Uparoda, Korba Mobile Number:8839330090
	Age	37 Years
	Education	Post-Graduation
	Size of landholding (acre)	4.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	4	54	1,18,800	71,280
Field Crop 2	Chickpea	3	12.5	66,000	42,900
Total				1,84,800	1,14,180

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	4	68	1,49,600	1,00,232	25.93	40.62
Field Crop 2	Chickpea	3	27	1,43,000	1,07,250	116.00	150.00
Total				2,92,600	2,07,482		81.71

Brief: The farmer used to get annual income of **Rs. 1,14,180** from Paddy and Chickpea. He faced problems like high insect pest infestation, marketing problem, etc. With DBT interventions like improved variety, timely sowing, seed treatment etc. He is getting annual income of **Rs 2,07,482**.



Demonstration on the line transplanting of rice crop

Success Story – 12

	Name of farmer	Mr. Narad Kumar
	Address	Village Kasaipali, Katghora, Korba Mobile Number: 7828181397
	Age	35 Years
	Education	12 th
	Size of landholding (acre)	1.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Field Crop 1	1	13	28,600	17,732
Field Crop 2	Field Crop 2	1	4	19,800	13,860
Livestock 1	Livestock 1	2	4 Nos.	24,000	15,000
Total				48,400	31,592

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Field Crop 1	1	16	35,200	23,930	23.07	34.95
Field Crop 2	Field Crop 2	1	6	31,790	22,880	50.0	65.08
Livestock 1	Livestock 1	5	7 Nos.	56,000	41,000	75.0	173.33
Total				1,22,990	87,810		177.95

Brief: The farmer used to get annual income of Rs. **31,592** from Paddy, Chickpea, Goat etc. He faced problems like high insect pest infestation, marketing problem, etc. With DBT interventions like improved variety, timely sowing, seed & soil treatment etc. he is getting annual income of Rs **87,810**.



Goat farming



Rice Line transplanting

Success Story – 13

	Name of farmer	Mrs. Jotbai
	Address	Village- Jawali, Katghora, Korba Mobile Number: 9827483345
	Age	53 Years
	Education	5 th
	Size of landholding (acre)	2.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	2	22	48,400	29,040
Field Crop 2	Chickpea	1	4	21,180	13,980
Total				69,580	43,020

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	2	36.5	80,300	52,998	65.91	82.50
Field Crop 2	Chickpea	1	7	37,090	26,700	75.00	90.99
Total				1,17,390	79,698		85.26

Brief: The farmer used to get annual income of Rs. **43,020** from Paddy, Chickpea, etc. He faced problems like high insect pest infestation, marketing problem, diseases infestation, etc. With DBT interventions like Improved variety, timely sowing, seed & soil treatment etc. he is getting annual income of Rs **79,698**.



Demonstration of paddy cultivation



Demonstration of chickpea cultivation

Success Story – 14

	Name of farmer	Mr. Rameshwar Singh
	Address	Village- Ranjana, Katghora, Korba Mobile Number: 8770954329
	Age	25 Years
	Education	Graduate
	Size of landholding (acre)	1.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	1	11	24,200	14,520
Field Crop 2	Chickpea	1	5	26,500	17,490
Total				50,700	32,010

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	1	18	39,600	26,928	63.64	85.45
Field Crop 2	Chickpea	1	7	37,100	26,341	40.00	50.61
Total				76,700	53,269		66.41

Brief: The farmer used to get annual income of Rs. **32,010** from Paddy, Chickpea etc. He faced problems like high insect pest infestation, marketing problem, etc. With DBT interventions like Improved variety, timely sowing, seed treatment etc. he is getting annual income of Rs **53,269**.



Demonstration of scientific rice cultivation



Production on paddy crop

Success Story – 15

	Name of farmer	Mr. Amrit Singh
	Address	Village- Bhanwar, Podi-Uparoda, Korba Mobile Number:7879328754
	Age	45Years
	Education	8 th
	Size of landholding (acre)	3.0

1) Before DBT Biotech - KISAN Hub (2020)

Component Description		Benchmark (Base line period 2020)			
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)
Field Crop 1	Paddy	3	43.5	95,700	58,377
Field Crop 2	Chickpea	1	5	26,500	17,490
Total				1,22,200	75,867

2) After DBT Biotech - KISAN Hub (2023)

Component Description		Period – 2022-23				% increase over base year	
Components	Names	Area (Acre)/Number	Production (Q/Liter/No.)	Gross Income (Rs.)	Net Income (Rs.)	Production	Income
Field Crop 1	Paddy	3	48	1,05,600	69,696	10.34	19.39
Field Crop 2	Chickpea	1	7	37,100	26,341	40.00	50.61
Total				1,42,700	96,037	13.40	26.59

Brief: The farmer used to get annual income of **Rs. 50,945** from Paddy, Chickpea etc. He faced problems like high insect pest infestation, marketing problem, etc. With DBT interventions like Improved variety, timely sowing, seed treatment etc., he is getting annual income of **Rs. 85,364**.



Demonstration of scientific rice cultivation



Demonstration on chickpea cultivation