



Success Story

SMS, Soil Science



Points	Area covered
Title of success story	Transforming Agriculture through seed production, conservation agriculture and dairy farming : The Inspiring Journey of Sri Ramjit Sharma
Name of the farmer & detail	Name of the farmer - Ramjit Sharma , Father's Name - Sri Vishram Singh , Village- Baghakol Faridpur , Block - Bikram , District- Patna , Mobile No.- 9931795782 , Age - 52 years , Educational qualification- Graduate , Major Farming System - Paddy, Wheat, Green gram, Dairy
Situation analysis	▪ He has 3 ha of land in which he cultivates Paddy, Wheat and greengram by conventional method. ▪ Now he shifted from conventional wheat cultivation to seed production of wheat. ▪ After wheat he cultivates sesbania for fertilizer saving and soil health management. ▪ Since 2023 he started dairy farming with 7 cattle and selling 75 litres of milk/day. ▪ He also have a custom hiring center through which he is able to manage his farming operation timely and providing service to other fellow farmers of the nearby villages. Through custom hiring center he earns handsome amount. ▪ Straw reaper, Zero till drill and Happy seeder helps him in crop residue management.

Table 1: List of Agricultural machineries at his custom hiring center

S. No	Name of the equipment's	No.	S. No	Name of the equipment's	No.	S. No	Name of the equipment's	No.
1	Tractor	01	5	Zero till drill	01	9	Straw reaper	01
2	Cultivator	01	6	Mulchur	01	10	Land leveller	01
3	Rotavator	01	7	Paddy transplanter	01	11	Mini Rice Mill	01
4	Happy Seeder	01	8	Combine Harvester	01			

Steps taken by KVK	❖ During a Kisan Chaupal in 2013 he came in contact with KVK. ❖ He got regular Agro advisory services from KVK and adopted new techniques of Crop Production for different crops. ❖ He regularly visited KVK, and critically observed the different demonstration unit & seed multiplication Farm. ❖ Attended seed production training and know the different steps and cautions in seed production. ❖ With the consultation of KVK and Govt. support he established custom hiring center in 2018. ❖ He started seed production of Paddy in 2022 in association with BRBN, Patna and later on wheat seed production in 2022 in association with BISA, Pusa, Samastipur in technical guidance of KVK. ❖ He started greengram and Sesbania cultivation since 2023 for fertilizer saving and soil health management. ❖ He attended various training on crop residue management and he manage his paddy straw by using happy seeder and manage wheat straw by using straw reaper. ❖ Since 2024 he started dairy farming with 7 cow and getting good income by selling 75 lit. milk/day.
Detail of technology demonstrated	1. Greengram and Dhaincha demonstration in 2016 2. Happy Seeder demonstration in 2020 3. Zero till drill demonstration in 2020 4. Super seeder demonstration in 2023
Most success points	1. Shifting conventional Wheat cultivation to Wheat seed production 2. Inclusion of Sesbania and greengram in farming system 3. Inclusion of dairy at his farm

Result/ output

Particulars	Before Intervention					After intervention				
	Yield (q/ha)	Gross Cost (Rs)	Gross Income (Rs)	Net Income (Rs.)	B:C ratio	Yield (q/ha)	Gross Cost (Rs) (Rs)	Gross Income (Rs)	Net Income (Rs.)	B:C ratio
Paddy	45.0	134400	264600	130200	1.96	60.0	134400	386400	252000	2.87
Wheat (Seed production after intervention)	35.0	81600	210000	128400	2.57	45.0	91200	432000	340800	4.73
Greengram	-		-	-	-	10.0	24000	69456	45456	2.89
Dhaincha	-		-	-	-	Green manure	20000	30000	10000	1.50
Dairy (7 cow)	-	-	-	-	-	75 lit/day for 180 days in a year	218880	547200	328320	2.50
Custom Hiring Center	-	410000	850000	440000	2.07		553000	1309000	756000	2.60
Total		626000	1324600	698600	2.20		1041480	2774056	1732576	2.84

Outcome

1. By practicing seed production of wheat his net income increased by 165.42% from his base income from normal wheat growing
2. By integrating Dhaincha and moong in to his farm he saves approx Rs.2000/acre on cost of Fertilizer

Farmers feedback

1. satisfied with the income getting from seed production venture.
2. benefited more than 100 farmers associated with him in seed production.
3. provided employment more than 750 mandays/year

