

## Innovative and successful farmer: On RCT techniques

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Name : **Dr. Ramashankar Singh**  
 Village : Chainpur  
 Block : Madwan  
 District : Muzaffarpur (Bihar)



### Profile

Age	:	55 years (02/05/1978)
Education	:	Ph.D. in Economics
Land holding	:	08 hector
Farming experience	:	31 years
Cropping pattern	:	Rice-wheat- maize/greengram/urad
Pond	:	01(0.4 ha)
Social reorganization	:	Kisan Sri Award (2007), Araize Sartaj Samman (2011) and Swami Sahjanand Sarswati Samman (2015)

Dr. Ramashankar Singh is a progressive highly educated farmer. After completion his doctoral degree in economics he involved in agriculture with an interest. His only internal aim was to do something's for his family, village and other farmers and farm women to improve their income. Total cultivable land available with the family is 8 ha.

Sri Singh having rich resource and infrastructure for their livelihood. He is a laborious and novel farmer applying new techniques in field. He came in contact with KVK, Muzaffarpur 8 years back and then continuously getting scientific support and guidance from the center. He has attended several trainings/ awareness camp at different institution, Dr.RPCA, Pusa, Samastipur, Bihar and others places. After he associated, develop interest in cultivation of crops through RCT. He became very much impressed by the KVK activities and started his works under the supervision of scientists. He was motivated by the soil scientists to adopt the line sowing technique with zero tillage seed drill cum fertilizer machine. Because Sri Singh is very innovative and sharp farmer so he use in own

brain in using ZTSD machine for sowing oilseeds and pulses and cereal in 2014. It was his first experiment and he produced record production of mustard and green gram as 18 q/ha and 8.5 q/ha respectively in adverse climatic condition. District Magistrate, Director Extension Education, Dr.RPCA, Pusa, Samastipur and other agriculture official also visited his farm and if climate will be favorable he will raise the production through Zero till seed machine up to 20 q/ha. By getting inspired the neighboring villagers also started to cultivate oilseed and pulsed through Zero Tillage Machine. His experiences in line sowing with zero tillage seed drill machine is telecasted by different channels. He received many awards *i.e. Kisan Sri Award*, 2007 by Govt. of Bihar, *Araize Sartaj Samman*, 2011 by Bayer Crop Science company and *Swami Sahjanand Sarswati Samman* in 2015 by Rastriya Krishi Dinkar Academy, Muzaffarpur. He also shared his achievement through participation in *Kisan Panchayat* in 2008, *Kisan Samagam*, Patna in 2012 and **National Convention** in 2013, Gujrat. The annual income is about 9.80 lakhs by production of fish and field crops.

### Highlights of success

- Improved variety and inputs supplied by the KVK and department of agriculture.
- Access to improved farming practices and technology.
- Innovation in line sowing with zero tillage seed drill cum fertilizer machine

Now he becomes role model farmer to other farmers in neighboring area for new techniques application in field crop production.

**Impact:** Today about 550 farmers is directly linked with Dr. Singh for new techniques and agriculture information

Sr. No.	Crops/ component	Area (ha)	Economics			B:C ratio
			Gross cost (Rs./ha)	Gross income (Rs./ha)	Net income (Rs./ha)	
<b>Crops</b>						
1.	Rice	06	26700	59725	33025	2.24
2.	Wheat	05	22300	49375	27075	2.21
3.	Mustard	03	22750	72000	49250	3.16
4.	Green gram	03	11500	33600	22100	2.92
5.	Urad	03	11800	34200	22400	2.90
6.	Maize	01	30750	62900	32150	2.05
<b>Fish production</b>						
1.	Pond (Fish)	0.4	75000.00	350000.00	275000.00	4.67

