

GVT – Krishi Vigyan Kendra, Godda (Jharkhand)

Success Story Format

Specific Technology: Mustard (Var.: Pusa Mustard – 28 + Biofertilizer + Pesticide)

Name of KVK	GVT – Krishi Vigyan Kendra, Godda (Jharkhand)
Crop and variety	Mustard var.: Pusa Mustard - 28
Name of farmer & address	Md. Mukhtar Alam, Village – Maliachak, Block – Mahagama, Godda, Mob. No.: 7366925616
Background information about farmer field	The field was sandy loam. Before sowing soil test was conducted to know the fertility status of the soil. The availability of NPK in the field was 215.7, 17.97 and 143.7 Kg/ha, respectively. The dose applied in the field was 60:60:40 Kg/ha.
Details of technology demonstrated	The crop variety was used Pusa Mustard – 28. At the time of field preparation liquid biofertilizer NPK – 1 (Azatobacter + PSB + KMB) was used with FYM. Sulphur @ 20 kg/ha was also used. Seed was treated with carbendazim and sown in line. Pesticides like imidacloprid was also sprayed when the infestation of aphid above ETL was noticed in the field.
Institutional involvement	Training, supply of the mustard seed (Var.: Pusa Mustard – 28), biofertilizer NPK – 1 (Azatobacter + PSB + KMB) and time to time technical advice.
Success point	Replacement of low yielding desi variety with the HYV Pusa Mustard – 28 is the success point.
Farmer feedback	This variety was found suitable even under sowing in late condition (2 nd fortnight of December).
Outcome yield (q/ha) <ul style="list-style-type: none">- Demonstration- Potential yield of variety/technology- District average (Previous year)- State average (Previous year)	15.7 q/ha 19.9 q/ha 9.2 q/ha 6.53

Performance of technology vis-à-vis Local check (Increase in productivity and returns)

Used Practice	Yield (q/ha)	Gross cost (Rs/ha)	Gross income (Rs/ha)	Net income (Rs/ha)	B:C ratio
Farmer practices	9.2	26800	32200	5400	1.20:1
Demonstration	15.7	27500	54950	27450	2.00:1
% Increase	70.6				

Quality Photographs: in .jpeg format

