

GVT – Krishi Vigyan Kendra, Godda (Jharkhand)

Success Story Chickpea

Specific Technology:- Chickpea (PG – 186) + Line sowing+ Biofertilizer + Pesticide

Name of KVK	GVT – Krishi Vigyan Kendra, Godda (Jharkhand)
Crop and variety	Chickpea var.: PG - 186
Name of farmer & address	Sri Subodh Choudhary, Village – Diara, Block – Godda, Mob. No.: 9931517465
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 255.7, 21.6 and 146.7 Kg/ha, respectively. The dose applied in the field was 25:50:25 and sulphur 20 Kg/ha.
Details of technology demonstrated	The crop variety of chickpea was used PG - 186. 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 were also sprayed when the infestation of pod borers was noticed above the threshold level.
Institutional involvement	Training, supply of the chickpea seed (Var.: PG - 186), biofertilizer NPK – 1 (Azatobacter + PSB + KMB) and time to time technical advice.
Success point	Replacement of low yielding desi variety with high yielding and wilt tolerant variety PG – 186 along with soil test based fertilizer application is the success point.
Farmer feedback	This variety was found suitable under the agro climatic condition of Godda and incidence of fungal wilt was also below the threshold level.
Outcome yield (q/ha) <ul style="list-style-type: none">- Demonstration- Potential yield of variety/technology- District average (Previous year)- State average (Previous year)	14.7 q/ha 18.0 q/ha 12.0 q/ha 10.52 q/ha

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	11.2	30000	56000	26000	1.87 :1
Demonstration	14.7	33000	73500	40500	2.28:1
% Increase	31.25				

Quality Photographs: in .jpeg format

