

GVT – Krishi Vigyan Kendra, Godda (Jharkhand)

Success Story Lentil

Specific Technology:- Lentil (HUL – 57), Line sowing, Biofertilizer, Pesticide

Name of KVK	GVT – Krishi Vigyan Kendra, Godda (Jharkhand)
Crop and variety	Lentil var.: HUL - 57
Name of farmer & address	Sri Awadesh Kumar Mandal, Village – Lalpur, Block – Godda, Distt. – Godda, Mob. No.: 9939807675
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 245.3, 22.3 and 165.7 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 Lentil was used HUL-57. 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 Lentil seed (Var.: HUL-57), biofertilizer NPK – 1 (Azatobacter + PSB + KMB) and time to time technical advice.
Success point	Replacement of low yielding desi variety with the High yielding and wilt tolerant variety of Lentil (HUL-57) 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)	<div>12.9 q/ha</div> <div>14 .0 q/ha</div> <div>9.4 q/ha</div> <div>7.88 q/ha</div>

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	10.2	20200	35700	15500	1.77:1
Demonstration	12.9	22200	45150	22950	2.03:1
% Increase	26.47				

Quality Photographs: in .jpeg format



Demonstration of Lentil var.: HUL - 57