

## **GVT – Krishi Vigyan Kendra, Godda (Jharkhand)**

### **Success Story Format**

**Specific Technology: Groundnut (Var.: Kadiri - 6 + Biofertilizer + Pesticide)**

<b>Name of KVK</b>	GVT – Krishi Vigyan Kendra, Godda (Jharkhand)
<b>Crop and variety</b>	Groundnut var.: Kadiri - 6
<b>Name of farmer &amp; address</b>	Smt. Hira Devi, Village – Baghmara, Block – Pauriahaat, Godda, Mob. No.: 9572731609
<b>Background information about farmer field</b>	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 257.7, 35.00 and 141.5 Kg/ha, respectively. The dose applied in the field was 25:50:20 Kg/ha.
<b>Details of technology demonstrated</b>	The crop variety of groundnut was used kadiri - 6. 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 was also sprayed when the infestation of aphid and BHC above ETL was noticed in the field.
<b>Institutional involvement</b>	Training, supply of the groundnut seed (Var.: K - 6), biofertilizer NPK – 1 (Azatobacter + PSB + KMB) and time to time technical advice.
<b>Success point</b>	Replacement of low yielding desi variety with the HYV K – 6 along with soil test based fertilizer application is the success point.
<b>Farmer feedback</b>	This variety was found under the agro climatic condition of Godda.
<b>Outcome yield (q/ha)</b> <ul style="list-style-type: none"><li>- Demonstration</li><li>- Potential yield of variety/technology</li><li>- District average (Previous year)</li><li>- State average (Previous year)</li></ul>	<ul style="list-style-type: none"><li>14.2 q/ha</li><li>21.0 q/ha</li><li>8.84 q/ha</li><li>9.92 q/ha</li></ul>

**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	9.8	35000	49000	14000	1.40:1
Demonstration	14.2	39800	71000	31200	1.78:1
% Increase	44.90				

**Quality Photographs: in .jpeg format**

