



**Jaswant Singh Manhas S/o Kunj Lal**

Village Basti, Panchayat- Nalthi, Teh- Bhaderwah, Distt- Doda (J&K)

**Age:** 63 years

**Landholding:** 2.50 Acres

**Education:** Graduation

**Farming experience:** 20 years

### Description of the Farm

Sh. Jaswant Singh Manhas is a progressive farmer having 2.5 Acres of cultivable land. Maize is the main crop grown by the farmers of the area. Most of his land is rainfed. He came in contact with KVK Doda during the year 2007. After getting trainings at KVK and exposure visits to various agricultural institutions, he diversified his farm with seasonal vegetables and flower like marigold. He has expertise in the field of seed production of maize, rajmash and various vegetables and is a source of seed in the nearby villages. He has established a vermicompost unit, a small dairy unit ,a small bee-keeping unit with 2 boxes and a small poly house for raising season vegetable nursery. He is earning Rs 30,000 from vegetables Rs 20,000 from flowers and Rs 1.0 Lakh from Dairy Unit. Matka Khad is one of his innovative interventions for organic agriculture. Its composition is 10 kg FYM, 5 litre urine(cow), 2kg gram flour, 2 kg Jaggery and 1kg soil under the old tree. Mix them in a big matka (Earthen pot). Khad becomes ready in 10-15 days. A mixture of 1 litre of khad and 10 litre of water is sprayed on crop. This material act as organic fertilizer as well as bio pesticide. Thus, he is an innovator and torch bearer in the area.

### Economics of the Farm

Farm component	Number/Area (acre)	Input cost (Rs/ year)	Net Income (Rs /year)
Polyhouse	0.05	6000	30,000
Open Crops	2.0	38,000	80,000
Vermicompost	0.02	12000	40,000
<b>Dairy</b>	0.01	<b>32,000</b>	<b>1,00,000</b>
<b>Floriculture</b>	0.20	<b>5000</b>	<b>20000</b>
<b>Total</b>		<b>93,000</b>	<b>2,70,000</b>

### Economics of conventional farm

Farm component	Number/Area (acre)	Input cost (Rs/ year)	Net Income (Rs /year)
Maize - Oats	2.0	38,000	80,000

