

**PACKAGE AND PRACTICES  
OF FIELDPEA**



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Field pea is one of the most important pulse crop. It is a crop for soil improvement or as a cover crop to reduce the soil erosion.

### **Climate**

Pea is a Rabi (winter) crop. Temperature for its growth is 13-18°C.

### **Soil**

A well drained soil with PH range from 6.0 to 7.5.

### **Varieties**

Rachna, HUP-1, HUPMR-85 and JP-885

### **Seed rate**

Varieties	per Ha	per sangam
Tall	80-100 kg	20-25 kg
Dwarf	120 kg	30 kg

### **Seed treatment**

Treat the seed with thiram, captan, bavistin @ 3g/kg seed to control seed borne diseases .

### **Time of sowing**

Last week of Oct. to first week of Nov.

### **Spacing**

	Tall	Dwarf
a) Row to row	30cm	30cm
b) Plant to plant	10cm	22.5cm
c) Depth	4.5cm	4.5cm

### **Land preparation**

4-5 ploughings followed by planking to get well pulverised seed bed.

### **Manures and fertilizers**

10-12t/ha of FYM incorporated at the time of land preparation.

Fertilizers @ N : P<sub>2</sub>O<sub>5</sub> : K<sub>2</sub>O – 20: 50: 20: kg/ha

	per Ha	per sangam
Urea	-	-
DAP	109kg	27kg
MOP	33kg	8kg

### **Irrigation**

1-2 light irrigation at 30 and 60 days after sowing. However in Manipur condition, the crop is raised as rainfed.

### **Intercultural operations**

One hand weeding at 25 to 30 days after sowing.

### **Plant protection measures**

Powdery Mildew- Spray 0.05% Bavistin, and Wettable Sulfur @ 1.5g/l of water

Aphid- Spray Monochrotophose 0.04% (1ml/l of water)

Pod Borer- Spray Endosulfan 0.07% (2ml/l of water) once or twice at fruiting stage.

### **Harvesting and Threshing**

When pods are fully ripe and dried.

### **Potential yield**

Varieties	q/ Ha	q/ sangam
Rachna,	20-25	4-5
HUP-1, HUPMR-85	25-28	5-7
and JP-885		

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