

## **Cowpea (Fodder) (*Vigna unguiculata*) and Rice Bean (Fodder) (*Vigna umbellata*)**

**Varieties:**

Cowpea : No 10, No. 42/1, EC 4216

Rice bean : K-1

**Rice bean varieties recommended:**

Variety	Sowing time	Duration upto 0% flowering stage (days)	Green forage yield (q/ha)	Dry matter yield (q/ha)	Disease & insect pest incidence	Agro-climatic zone
Bidhan rice bean-1	July-Aug	70-80	250-290	50-60	Less	All zones except Hills zone
Bidhan rice bean-2	-do-	70-80	250-300	50-60	Less	-do-
Shyamalee-1	-do-	70-80	300-320	50-65	Less	All zones

**Land Preparation:**

Well drained land should be selected. One ploughing by mould board plough followed by 2 to 3 harrowings is sufficient to prepare the land.

**Time of Sowing:** April – May.

**Seed Rate:**

Cowpea : 50 kg/ha

Rice bean : 25 kg/ha

**Spacing:**

Row to row : 35 cm

Plant to plant : 10 cm

**Manures and Fertilizers:**

Apply compost or FYM @ 3-4 t/ha or 4-6 t/bigha.

Nutrient	Requirement (kg/ha)	Form	Fertilizer requirement	
			kg/ha	kg/bigha
N	20	Urea	44	6
P <sub>2</sub> O <sub>5</sub>	40	SSP	248	35
K <sub>2</sub> O	20	MOP	32	5

**Time of Cutting:** One cutting at 50% flowering stage (after 70 days of sowing)

**Green Fodder Yield:** 20 – 25 t/ha.