

RKVY PROJECT

Stream-2

Promotion programme of pigeon-pea cultivation

for 2013-14

Project cost-----Rs 29.81 lakh

Department of Agriculture
Uttarakhand

Justification of the Project

Uttarakhand is facing acute shortage of pulses even being the opportunities of suitable climate and soil. Pigeon pea is an important legume crop of rainfed agriculture. It is widely cultivated in all tropical and semi-tropical regions. Uttarakhand has more than 55% area under rainfed hill agriculture and has tremendous scope for pigeon-pea cultivation. As per the land statistics of Uttarakhand, about 34 thousand ha is under current fallow which can be brought for pigeon pea cultivation. Pigeon-pea can be cultivated as pure crop or mixed crop. It can also be grown in the boundaries of the field, which later may be used as temporary fencing.

VL-Arhar -1, variety of pigeon-pea is very much suitable for Uttarakhand and needs to be promoted for area expansion. Its yield is 15-20 q/ha as comparable to other improved varieties.

Area Expansion Programme

To explore this opportunities pigeon pea cultivation programme is being proposed for 11 hill districts as per the detail below.

Sl. No.	District	Proposed area coverage(ha)
	Chamoli	300
	Dehradun	600
	Pauri	900
	Rudraprayag	250
	Tehri	1500
	Uttarkashi	700
	Almora	800
	Bageshwar	450
	Champawat	600
	Nainital	300
	Pithoragarh	600
	Total	7000

Proposed Physical activities

- (1) **Seed distribution:** 50% Subsidy to farmers on purchase of certified seed for maximum 2 ha area.
- (2) **Demonstrations :** Each demonstration is proposed to be conducted for 0.4 ha area with an expenditure of Rs 1000 as per the following detail.

Sl.No.	Name of inputs	Quantity for 0.4 ha	Amount of subsidy
1	Seed	6 kg	515.00
2	Micro-nutrients	10 kg	350.00
3	Rhizobium culture	80 g	20.00
4	PSB culture	80 g	20.00
5	Fungicides for seed treatment	Approx.	95.00
	Total		1000.00

Districtwise targets of the above activities is shown in the following Table-

Sl. No.	District	Seed distribution		No. of demonstrations		Total amount (Rs)
	Chamoli	30	1.11	60	0.60	1.71
	Dehradun	40	1.48	130	1.30	2.78
	Pauri	50	1.85	300	3.00	4.85
	Rudraprayag	15	0.56	60	0.60	1.16
	Tehri	60	2.22	400	4.00	6.22
	Uttarkashi	40	1.48	110	1.10	2.58
	Almora	50	1.85	150	1.50	3.35
	Bageshwar	25	0.93	70	0.70	1.63
	Champawat	30	1.11	70	0.70	1.81
	Nainital	20	0.74	60	0.60	1.34
	Pithoragarh	40	1.48	90	0.90	2.38
	Total	400	14.81	1500	15.00	29.81

Benefits :

- 1- Additional area coverage- 2600 ha
- 2- Additional production- 3900 M.Ton