

To take co crop with main crop in Rabi season not only helps the farmers in total production from their land but reduces the possibilities of losses in adverse conditions. This can reduce the cost of different farm inputs and elements available in soil and solar energy can be effectively utilized. This, also, increases the number of working days for the farmers.

Cultivation activities adopted in Co Cropping

There are mainly 2 crops in co cropping (main crop and co crop). Attention must be paid to some point in selection of crop such as both the crop should not be of the same species and soil level of usage of nutritive elements should be different. Shade of one crop should not fall on the other crop. It is better to have one out of the two crop is pulse crop.

Adopt cultivation activity for main crop as given in this booklet. In the same way, prevention of insects and diseases can also be done as per recommendations given earlier. Other cultivation activities will be as follows:

Special attention should be paid on control of Mahu, which spread virus in potato in co crop of potato and rye and in potato production area, co cropping of potato with rye should not be done.

S.N	Co-Crops	Improved variety		Row ratio	Seed rate per hectare	
		Main crop	co crop		Main crop	co crop
1	Potato + Rye	Kufari Ashok, Kufari Chandramukhi, Kufari Jyoti, Kufari Alankar or other early ripening variety	Rohani Varuna Narendra-Rai (NDR) -8501 Maya	One row of rye after three bund of potato at a distance of 3:1:50 cm	20-25 quintal	1-1.5 Kg 0
2	Potato + Wheat	Kufari chandramukhi, kufari bahar, Kufari jyoti, Kufari Alankar or other early ripening varieties	K0 7903 U0 P0 2338 P0 B0 W 373 K0 9162 K0 9533	3:3 (three rows of wheat in place of fourth row of potato)	20-25 quintal	40 Kg 0
3	Cane + Tauria	Co Pant 84 212 Pant 90223 CoSha767, CoSha802 CoSha955255 CoSha88216-88230	P0 T0 30 P0 T0303 TA0 -9 Tapaseshwari	1:2 (two rows of toria between two rows of sugarcane at the	65-70 quintal	2 Kg 0

4	Sugarcane + rye	CoSha 8315 CoSha7918 CoSha8412	Varun Rohini Narendra Rai	distance of 90 cm) 1:2 (two rows of rye between two rows of sugarcane at the distance of 90 cm)	65-70	4-5 Kg 0
5	Sugarcane + wheat	Co. 1158, B.O.91 CoSha767 CoSha802	U.P. 2338 PBW 0343 PBW 0373 09644 07903 09533	1:3 (three rows of wheat between two rows of sugarcane at the distance of 90 cm)	65-70	75 quintal Kg 0
6	Sugarcane + lentil	Yet	Narendra, Masurupal 0L 639P0406	1:3,	65-70	75 quintal Kg 0
7	Wheat + mustard approved varieties		Boon,	9:1 (one row of rye after nine rows of wheat)	90 Kg 0	500 gm
8	Gram + linseed	Uday Pusa-256, Blocking DcP0-92-3JG0-16 Radhe	Neelam Garima Shekhar	4:1 (one row of alsli after five rows of gram) at a distance of 30 cm	60-70 Kg 0	8-10 Kg 0
9	Gram + mustard	Radhe, Pusa-256	Varuna, glory	5:1 (one row of rye after five rows of gram) at a distance of 30 cm	60-70 Kg 0	1.00 Kg 0
10	Rabi maize + vegetable peas			Rabi maize + rajma sugar cane + potato	1:1	

11	Sugarcane + peas Rabi	
12	Mecca + Bala Rabi	1:1
13	maize + coriander Rabi	1:1
14	maize + leaf cabbage	1:1