

Varieties Selected, Tested under ITPGR project at PAIRVI

State- Jharkhand

December 2021

Total varieties selected for Area = 50 (Improved varieties = 20)

Pulses = 12 Crops, 28 Varieties

Oilseed=11 Crops, 14 Varieties

Grains= 2 Crops, 6 Varieties

Millet= 1 Crops, 2 Varieties

	Crop Name	Type	I st Year (2020) Sowing Season	No. of seed sample from farmers/Haart (survey)	Improved Varieties	Identified Varieties after Farm Trials	2 nd Year (2021) Reintroduction Varieties	3 rd year (2022) Reintroduction Varieties	Characteristic Report attached
A.	Kharif Crop								
1	Arhar/ Pigeon Pea	Pulses	Mid June	5	2	1.Hybrid (survey) 2.Local (Sanjiv /Dilip) 3.LRG 41* 4.Ratan*	1.Hybrid (survey) 2.Local (Sanjiv /Dilip) 3.LRG 41* 4.Ratan* Introduce 5.NTL 30*	1.Hybrid (survey) 2.Local (Sanjiv /Dilip) 3.LRG 41* 4.Ratan* 5.NTL 30*	Click here
2	Groundnut	Oilseed	Mid July	0	2	1.K6* 2.TG-37A*	Introduce 1. Jiva Soren	1. Jiva Soren 2. Karmeli	Click here

							2. Karmeli		
3	Urad/ Black Gram	Pulses	June-July	0	2	1. PU31* 2 T9* (First time introduce)	1.T9*	1.T9 Introduce 2.Local 3.Improved	Click here
4	Moong bean	Pulses	Mid June	5	2	1. IPM 25* (Virat) 2 IPM 2-3* 3 Jeeva 4 Tuka besara	1. IPM 25* (Virat) 2 IPM 2-3* 3 Jeeva 4 Tuka Besara	1. IPM 25* (Virat) 2 IPM 2-3* 3 Jeeva 4 Tuka besara	Click here
5	Red Kudrum/ Hibiscus cannabenus	Pulses	Mid June	2	0	1.Hareram 2.Savitri (Revival)	Introduce 1.Haat	1.Haat	Click here
	White Kudrum	Pulses	Mid June	0	0	-	Introduce 1.Haat (Revival)	1. Haat	Click here
6	Ghaghra / Vigna Sinensis	Pulses	Mid June	5	0	1.Etwari 2.Sakina 3.Motilal (Revival)	1.Etwari 2.Sakina Introduce 3. Haat	1.Etwari 2.Sakina Introduce 3. Haat	Click here
7	White Til (sesame)	Oilseed	Mid June	0	2	1.Kanke Safed* 2.Akash*	-	1.Akash	Click here

						(First time Introduce)			
8	White Til	Oilseed	Mid August	0	2	1. RT346* 2. RT351* (First time Introduce)	1.RT351*	1. RT351	
9	Black Til	Oilseed	Mid August	4	1	1. Local 2.Krishna*	1.Local 2.Krishna*	1.Local 2.Krishna*	Click here
10	Brown/Red Til	Oilseed	Mid August	1	0	1.Vinod	1. Rama*	1. Rama*	Click here
11	Makai/ Maize	Coarse grain	Mid June	-	-	-	Introduce 1.Kanchan* (Yellow) 2.Local Red 3. Local White (wild variety) 4. Srikar 2079* (Red)	1.Kanchan* (Yellow) 2.Local Red 3. Local White (wild variety) 4. Srikar 2079* (Red)	Click here
12	Niger/Ramtil /Sarguja	Oilseed	Mid August	0	1	1. Birsa Niger-I* (First time introduction)	1. Birsa Niger-I*	1. Birsa Niger-I	Click here
13	Kulthi	Pulses	Mid August	11	1	1. Birsa Kulthi-I* 2. Shiv lal 3 Tek naraya 4 Jai Kumar	1. Birsa Kulthi-I* 2. Shiv lal 3 Tek naraya 4 Jai Kumar	1. Birsa Kulthi-I* 2. Shiv lal 3 Tek naraya 4 Jai Kumar	Click here

						5 Haat 6 Haat (Jasidih)	5 Haat 6 Haat (Jasidih)	5 Haat 6 Haat (Jasidih)	
14	Ragi/Mandua	Millet	Mid June	-	-	-	Introduce 1.VL379* 2. Farmer (Revival)	1.Farmer Introduce 2. Improved	
B.	Relay Crop								
1	Khesari	Pulses	15 days before paddy harvesting in water filled stage	3	0	-	-	-	Click here
2	Tisi/Linseed	Oilseed		4	0	-	-	-	
C.	Rabi Crop								
1	Black Chana	Pulses	1 st week of Nov.	3	1	1. Haat 2. GNG 1958*	1. Haat 2. GNG 1958*	1. Haat 2. GNG 1958*	Click here
2	Mustard Yellow Large Seed	Oilseed	2 nd week of Nov	3	0	1. Hybrid (Haat) 2. Jiva soren 3. Bhuto Yadav	1. Hybrid (Haat) 2. Jiva soren 3. Bhuto Yadav	1. Hybrid (Haat) 2. Jiva soren 3. Bhuto Yadav Introduce 4. Rajendera Sarso 1	Click here
3	Rencha Mustard Black	Oilseed	2 nd week of Nov	1	1	1. Pusa Bold*	1. Pusa Bold* 2.Hareram Yadav	1. Pusa Bold* 2. Hareram Yadav	Click here

	Large size seed					2.Hareram Yadav			
4	Black Mustard Lotani Small Seed	Oilseed	1 st week of Nov.	2	0	1. Madhopur Haat 2. Jasidih Haat (Revival)	1. Madhopur Haat 2. Jasidih Haat	1. Madhopur Haat 2. Jasidih Haat	Click here
5	Masoor/Red Lentil	Pulses	1 st week of Nov.	3	1	1. DL406* 2. Haat	1. DL406* 2. Haat	1. DL406* 2. Haat	Click here
6	Green pea	Pulses	September (early sowing) and October November (late sowing) / Multi cropping with Barley in this project ITPGR	1	1	1. P10* 2 Haat (Gidhor) (First time introduce)	1. P10* 2 Haat	1. P10* 2 Haat	Click here
7	Barley	Grain	Last week of Nov.	1	0	1. Haat	1. Haat Introduce 2. Jyoti*		Click here
8	Linseed/Tisi	Oilseed	Wheat and Tisi Multi-Cropping in Last week of October-first week of November	0	1	1. T 397* (First time introduce in project area)	1. T 397*	1. T 397	Click here

D.	Zaid Crop								
1.	Summer Moong	Pulses	Mid March	-	-	-	-	Introduce IPM 25	Click here

1. The trials were designed in such a way that the purity of the variety will be maintained without leaving soil, unsown. Percentage of the germination of seed were tested.

2. *(Star)-denotes the improved variety

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Fig.- Varieties re-introduced