

2c. Towards organic approach with 75 % organic + 25 % inorganic package and 50 % organic + 50 % inorganic package for the following cropping systems and states

State	Crop/Cropping System
Himachal Pradesh	Blackgram-cauliflower-summer squash; Cauliflower-frenchbean
Kerala	Turmeric
Maharashtra	Rice-mustard, Rice-dolichos bean
Meghalaya	Rice in sunken beds and Brocoli, potato & carrot in raised beds
Tamil Nadu	GM-beetroot-maize; GM-cotton-maize; GM-chilli-sunflower

2d. Best performing varieties of crops for organic farming in different seasons and states have been identified. The details are given below.

Location (State)	Season	Crop	Variety
Chhatisgarh	<i>Kharif</i>	Rice	Jayagundi
			CR Sugandh dhan- 907
	<i>Rabi</i>	Chickpea	Vijay
			Daftari-21
Himachal Pradesh	<i>Kharif</i>	Okra	Chameli 015
			Indranil
	<i>Rabi</i>	Pea	Ten plus
			Nirali
		Cauliflower	US-178
	<i>Summer</i>	Tomato	Chandra mukhi
			Red Gold
	Jharkhand	<i>Kharif</i>	Rice
MTU-10			
<i>Rabi</i>		Wheat	Lalat
			K-0307
Karnataka	<i>Rabi</i>	Chickpea	Raj-4229
			BGD 103
		Wheat	JAKI 9218
			UAS 347 (Bread wheat)
			NIAW 1415 (Bread wheat)
Kerala	<i>Kharif</i>	Turmeric	Sudarsana
			Suvarna
		Black pepper	Sreekara
			Panniyur 1
Madhya Pradesh	<i>Kharif</i>	Soybean	RVS-2002-4
			JS-20-41
		Maize	Kanchan-101

			Proagro-4412
	<i>Rabi</i>	Wheat	GW-366
			HI-8498
		Chickpea	JG-130
			RVG-203
Maharashtra	<i>Kharif</i>	Rice	Sahyadri-5
			Sahyadri-3
		Groundnut	Konkan Gaurav
			TG-26
Meghalaya	Pre-Kharif	Maize	DA-61-A
			RCM-75
	Kharif	French bean	Naga local
			RCM FB 18
	Summer	Tomato	MT 2
Punjab	<i>Kharif</i>	Basmati rice	Pusa Basmati 1509
			Pusa Basmati 1121
	<i>Rabi</i>	Wheat	PBW 621
			PBW 644
Tamil Nadu	<i>Rabi</i>	Rice	CB 05022
			Mappillai samba
Uttar Pradesh	<i>Kharif</i>	Maize	PMH -4
			Seed Tech-2324
	<i>Rabi</i>	Mustard	RGN – 229
			RH - 0406
Uttarakhand	<i>Kharif</i>	Rice	NDR-359
			Pant Basmati 1
	<i>Rabi</i>	Wheat	HD-2967
			UP-2565

2e. Resource conservation practices for organic farming were identified as given below

Cropping System	Land configuration
Karnataka	
Soybean-Wheat	BBF with crop residues
Groundnut + Cotton (2:1)	Conventional FB with crop residues
Greengram-Sorghum	Conventional FB without crop residues
Soybean + Pigeonpea (2:1)	BBF with crop residues
Uttarakhand	
Direct seeded rice -chickpea–greengram in BBF	Direct seeded rice with chickpea on broad bed (105