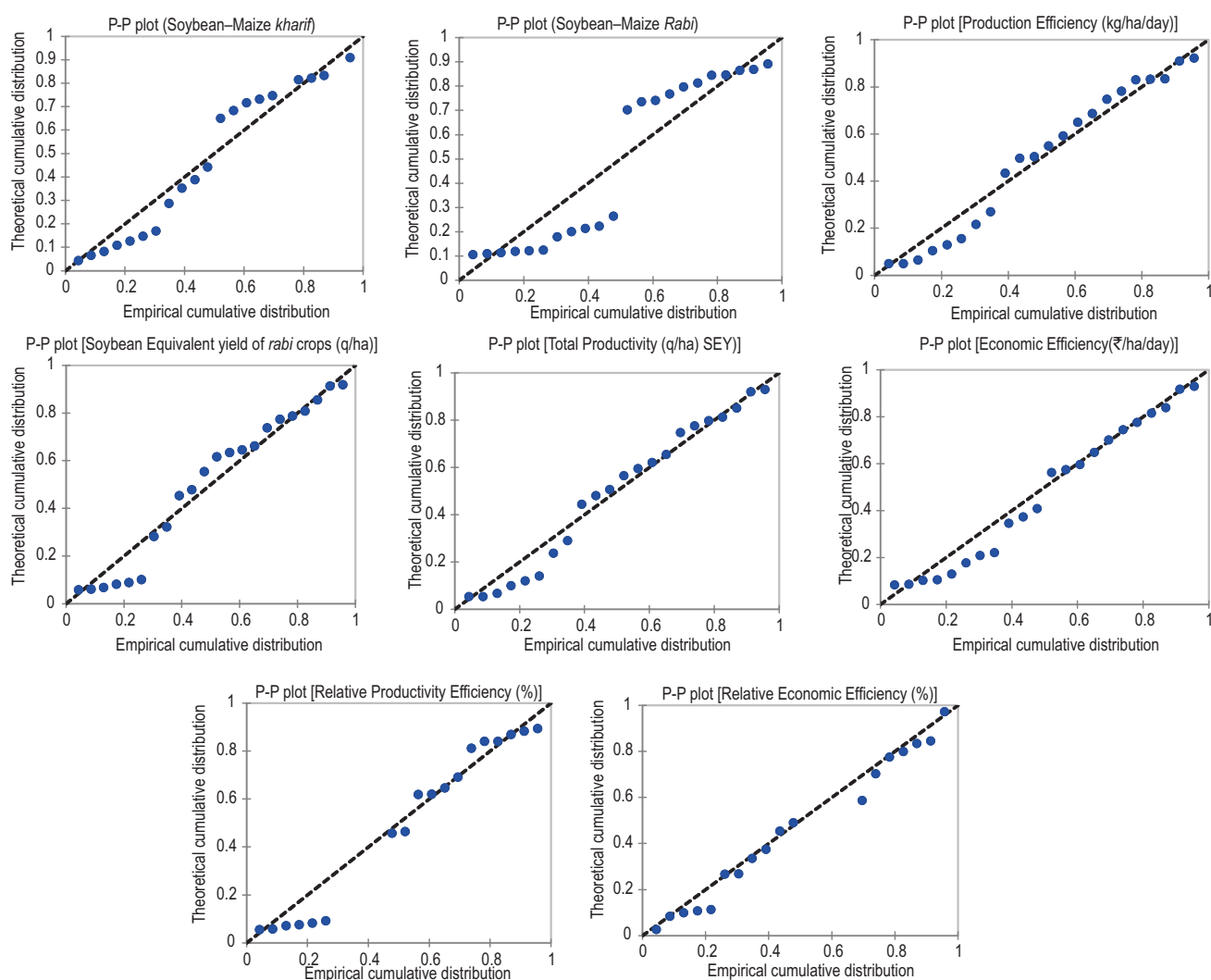


Supplementary Table 1 Inputs used in different organic treatments

Name of the input <sup>s</sup> (including green manure)	Source	Time, rate and proposed application	Nutrient/a.i. Content (%)		
			N	P	K
Enriched compost	Farm, IGKV	15 days before seeding during <i>kharif</i> 5 days before seeding during <i>rabi</i> . N application as per treatment	0.65	0.41	0.78
Cow dung manure	Farm, IGKV	15 days before seeding during <i>kharif</i> 5 days before seeding during <i>rabi</i> . N application as per treatment	0.44	0.29	0.68
NEOC - Non edible oil cake	Local shop	15 days before seeding during <i>kharif</i> 5 days before seeding during <i>rabi</i> . N application as per treatment	3.58	0.73	1.88
DAP/Urea/SSP/MoP	Local shop	Fertiliser requirement as per treatment	As per nutrient content in fertiliser		
Rock phosphate	Raipur	Before seeding in rows P requirement as per treatment	-	23	-
Neem oil	Local shop	For general spray (0.5%) on crop for pest control	-	-	-
<i>Rhizobium</i> culture	Microbiology laboratory, IGKV	For seed treatment of soybean (5 g /kg seed)	-	-	-



Supplementary Fig. 1 Comparison of p-p plot analysis for organic, inorganic and integrated nutrient management practices on total productivity and soybean based cropping systems.