

Supplementary Table 1 Chemical composition of organic sources

	FYM	Vermicompost	Neem cake powder	Farm compost	Poultry manure	<i>Jeevamrut</i>
pH	7.72	7.72	6.6	7.16	6.3	5.04
EC (dS/m)	3.18	6.88	2.5	3.65	7.42	0.2
Total C (%)	19.5	27.3	21.6	20.4	23.4	--
Total N (%)	0.7	1.6	3.6	0.94	3.9	1.96
Total P <sub>2</sub> O <sub>5</sub> (%)	0.35	0.36	0.84	0.44	0.92	0.18
Total K <sub>2</sub> O (%)	0.56	0.52	1.38	0.46	1.42	0.34

Supplementary Table 2 Available N, P<sub>2</sub>O<sub>5</sub> and K<sub>2</sub>O as affected by different organic sources

Treatment	Available N ( kg/ha)			Available P <sub>2</sub> O <sub>5</sub> ( kg/ha)			Available K <sub>2</sub> O ( kg/ha)		
	2019–20	2020–21	Pooled	2019–20	2020–21	Pooled	2019–20	2020–21	Pooled
T <sub>1</sub>	210.00	193.67	201.83	8.00	8.45	8.23	200.33	197.67	199.00
T <sub>2</sub>	234.67	217.67	226.17	12.43	10.62	11.53	222.00	219.33	220.67
T <sub>3</sub>	238.67	231.33	235.00	12.48	12.15	12.31	215.33	208.00	211.67
T <sub>4</sub>	251.33	247.00	249.17	13.28	12.50	12.89	243.00	232.67	237.83
T <sub>5</sub>	222.67	221.33	222.00	11.93	12.42	12.18	227.00	208.00	217.50
T <sub>6</sub>	254.00	232.67	243.33	14.05	12.10	13.08	251.33	225.33	238.33
T <sub>7</sub>	233.00	213.00	223.00	11.89	11.47	11.68	220.33	215.67	218.00
T <sub>8</sub>	210.33	203.33	206.83	11.20	11.33	11.27	202.67	204.33	203.50
SEM ±	6.08	4.84	4.06	0.63	0.40	0.45	8.52	5.38	5.68
CD ( <i>P</i> =0.05)	18.43	14.68	12.31	1.91	1.22	1.37	25.85	16.32	17.22

T<sub>1</sub>, Control (No organic manure); T<sub>2</sub>, 100% RDN through FYM; T<sub>3</sub>, 100% RDN through vermicompost; T<sub>4</sub>, 100% RDN through neem cake powder; T<sub>5</sub>, 100% RDN through farm compost; T<sub>6</sub>, 100% RDN through poultry; T<sub>7</sub>, *Jeevamrut* @500 L/ha in three splits @20, 40 and 60 DAS manure; T<sub>8</sub>, RDF @100: 50: 25 kg N: P<sub>2</sub>O<sub>5</sub>: K<sub>2</sub>O kg/ha.