

Table 1 Least squares means for WFC, AFC, FDP,FCI, FSP, FLMY, HLMY and FLP under model 2

Parameters	Traits								
	N	WFC	AFC	FDP	FCI	FSP	FLMY	HLMY	FLP
Factors									
Overall	1312	503.73±2.	1268.39±15	173.01±5.	467.74±7.	171.37±7.	1702.44±31	5459.97±76	296.30±3.
		68	.32	18	42	04	.01	.21	95
Farm									
Ambala	364	496.34±4.	1253.68±19	170.13±7.	461.11±1	161.93±1	1741.02±41	5566.65±10	291.99±5.
		30	.75	58	0.31	0.03	.96	8.84	37
Agra	372	499.66±4.	1287.65±19	172.19±7.	471.07±9.	186.06±9.	1734.06±40	5477.78±10	304.59±5.
		05	.02	19	84	56	.18	3.63	14
Lucknow	350	500.92±4.	1252.25±19	175.61±7.	468.59±1	167.77±9.	1721.03±40	5505.08±10	292.42±5.
		14	.27	33	0.00	72	.80	5.45	22
Bareilly	226	518.01±4.	1267.97±21	174.12±8.	470.20±1	169.70±1	1613.61±45	5289.59±11	296.19±5.
		72	.06	24	1.13	0.87	.11	7.96	78
Period (Year)									
P1 (1960-1964)	049	517.50±8.	1280.34±34	166.18±1	437.16±1	159.94±1	1643.28±77	5367.76±21	271.08±1
		88	.97	4.86	9.51	9.35	.73	0.22	0.01
P2 (1965-1969)	179	503.40±4.	1294.68±21	168.87±8.	466.03±1	174.04±1	1577.04±46	4969.77±12	296.35±5.
		88	.55	49	1.43	1.19	.29	1.39	94
P3 (1970-1974)	350	499.30±3.	1338.42±18	192.82±7.	496.72±9.	193.74±9.	1715.12±39	5586.36±10	307.21±5.
		99	.85	11	73	45	.77	2.44	09
P4 (1975-1979)	583	502.36±3.	1274.89±17	166.40±6.	476.33±8.	173.74±8.	1809.52±35	5769.40±91	311.99±4.
		45	.31	29	74	42	.99	.28	60
P5 (1980-1984)	151	496.11±5.	1138.61±23	170.78±9.	462.48±1	155.37±1	1767.17±50	5606.56±13	394.89±6.
		45	.36	38	2.55	2.32	.60	3.74	50
Season									
Winter	257	502.87±4.	1315.02±19	176.62±7.	476.79±1	174.55±9.	1754.38±41	5547.36±10	299.20±5.
		18	.39	39	0.08	80	.09	6.30	26
Summer	092	510.03±6.	1250.32±26	161.97±1	444.60±1	156.56±1	1622.59±58	5253.11±15	285.27±7.
		42	.53	0.91	4.48	4.27	.07	4.99	46
Rainy	353	503.37±3.	1242.95±18	175.21±6.	477.42±9.	182.76±8.	1737.56±37	5579.65±97	306.49±4.
		74	.11	72	26	96	.96	.12	85
Autumn	610	498.72±3.	1253.25±16	178.24±5.	472.16±8.	171.60±7.	1695.24±33	5459.78±84	294.25±4.
		12	.42	81	16	81	.79	.66	31