Table 3 Number of leaves of different varieties of okra at Chakarghatta, Sarlahi

Variety	No of leaves				
	30 DAS	40 DAS	50 DAS	60 DAS	70 DAS
Arka Anamika	3.63^{c}	6.06^{c}	13.86	25.26	35.93^{bc}
Selection no. 07	4.70^{b}	7.53^{ab}	14.50	27.91	47.93^{a}
Bhindi F1	5.23^{a}	8.13^{a}	13.06	23.46	37.66^{bc}
Rohini	4.80^{ab}	6.53^{bc}	13.53	23.73	33.06^{bcd}
Super Anamika	4.46^{b}	6.60^{bc}	11.40	20.26	30.33^{cd}
NOL 303 Julie	4.46^{b}	6.23^{bc}	16.53	25.65	40.67^{ab}
Swaraj Pan 2155	4.67^{b}	6.86^{bc}	12.46	20.06	26.20^{d}
Grand mean	4.56	6.85	13.62	23.76	35.97
SEm (±)	0.45	0.33	1.52	2.30	2.51
LSD (0.05)	0.44	1.02	4.71	7.08	7.74
CV (%)	5.42	8.42	19.45	16.76	12.10
F test	**	**	ns	ns	**

Note: LSD: Least Significant Difference, SEm: Standard Error of Mean; CV: Coefficient of Variation, letters “a”, “b”, “c” represent the ranking of treatments according to DMRT at 0.05 level of significance, DAS: Days After Sowing, ns: Non-Significant, * significant at 5% level of significance, ** significant at 1% level of significance, *** significant at 0.1% level of significance

3.4 Days to 50 % flowering

There is a significant result in 50% flowering at 0.1% level of significance where Arka Anamika reached the earliest among the varieties in days to 50% flowering (52.67 DAS). Similarly, Selection no.07 attained 50% flowering at 56.33 DAS which is at par with Bhindi F1, Rohini, NOL 303 Julie and Swaraj Pan 2155 whereas late flowering occurs in Super Anamika (60.67 DAS).

3.5 Length and girth of pod

Length of pod is found statistically significant at 0.1% level of significant (Table 4). The highest fruit length is found in Swaraj Pan 2155 (13.39 cm) followed by Selection no. 07 (11.92 cm) and super Anamika (11.54 cm) which is at par with Rohini (11.07 cm). the lowest pod length is found in NOL 303 Julie (9.64 cm) which is statistically similar with Bhindi F1 (9.79 cm). The average fruit girth is statistically similar ranging from 6.14 cm to 5.03 cm.

Table 4 Number of branches, 50% flowering, length of pod and girth of pod of different varieties of okra at Chakarghatta, Sarlahi

Variety	No of branches	50% flowering	Length of pod (cm)	Girth of pod (cm)
Arka Anamika	3.13^{abc}	52.67^{c}	10.82^{bcd}	5.43
Selection no. 07	3.58^{a}	56.33^{b}	11.92^{b}	6.14
Bhindi F1	3.13^{abc}	56.00^{b}	9.79c^{d}	5.54
Rohini	2.56^{cd}	56.00^{b}	11.07^{bc}	5.03
Super Anamika	2.86^{bcd}	60.67^{a}	11.54^{b}	5.74
NOL 303 Julie	2.86^{bcd}	57.33^{b}	9.64^{d}	5.36
Swaraj Pan 2155	3.26^{ab}	55.33^{b}	13.39^{a}	5.31
Grand mean	3.00	56.33	11.17	5.51
SEm (±)	0.19	0.78	0.42	0.29
LSD (0.05)	0.58	2.41	1.30	0.90
CV (%)	11.01	2.45	6.57	9.27
F test	*	***	***	ns

Note: LSD: Least Significant Difference, SEm: Standard Error of Mean; CV: Coefficient of Variation, letters “a”, “b”, “c” represent the ranking of treatments according to DMRT at 0.05 level of significance, DAS: Days After Sowing, ns: Non-Significant, * significant at 5% level of significance, ** significant at 1% level of significance, *** significant at 0.1% level of significance