











## Acknowledgement

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**Table 1. Relative susceptibility of okra varieties against leaf hopper, *A. biguttula biguttula* during Kharif, 2020**

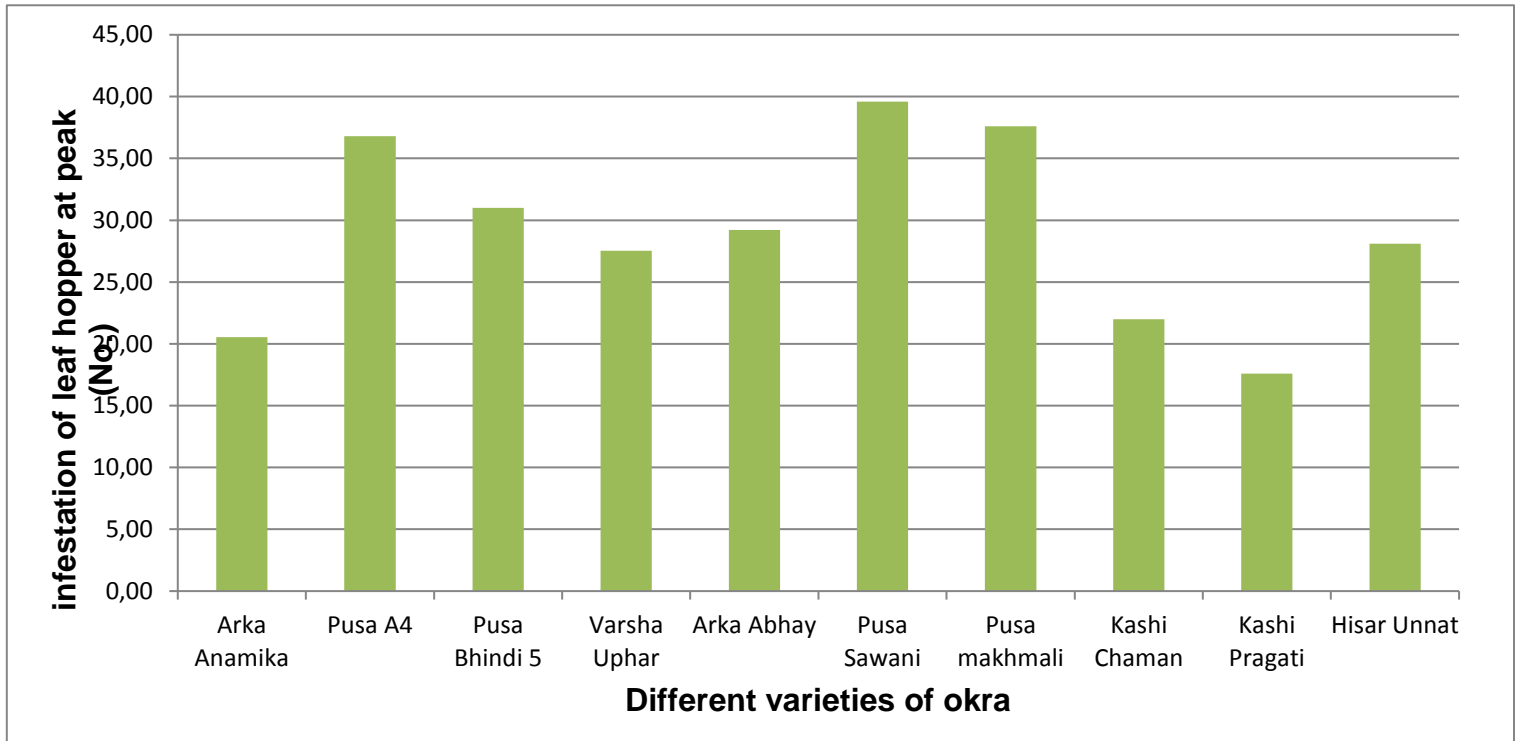
Varieties	Leaf hopper population** / 3 leaves at weekly intervals													Overall Mean	
	34	35	36	37	38	39	40	41	42	43	44	45	46		47
Arka Anamika	0.80 (1.11)*	1.15 (1.28)	3.15 (1.90)	6.60 (2.62)	20.53 (4.59)	13.75 (3.75)	10.25 (3.23)	9.25 (3.10)	7.66 (2.84)	5.45 (2.43)	3.20 (1.92)	2.50 (1.69)	0.35 (0.92)	0.15 (0.81)	6.06 (2.30)
Pusa A4	3.45 (1.93)	5.40 (2.39)	10.60 (3.32)	29.15 (5.44)	36.80 (6.10)	28.35 (5.37)	23.65 (4.89)	19.30 (4.43)	17.65 (4.25)	15.15 (3.95)	11.25 (3.42)	9.15 (3.10)	6.15 (2.56)	1.10 (1.25)	15.51 (3.74)
Pusa Bhindi 5	2.80 (1.80)	4.20 (2.13)	6.95 (2.71)	22.15 (4.76)	31.00 (5.61)	25.65 (5.11)	20.55 (4.58)	16.35 (4.10)	14.50 (3.84)	12.20 (3.55)	9.70 (3.18)	7.40 (2.79)	4.60 (2.20)	0.75 (1.11)	12.77 (3.39)
Varsha Uphar	1.40 (1.36)	1.95 (1.54)	4.95 (2.32)	17.10 (4.17)	27.53 (5.29)	19.20 (4.42)	14.80 (3.90)	12.95 (3.66)	11.20 (3.42)	8.90 (3.03)	5.80 (2.47)	4.00 (2.04)	1.00 (1.21)	0.20 (0.84)	9.36 (2.83)
Arka Abhay	2.30 (1.67)	3.15 (1.90)	5.60 (2.46)	19.00 (4.40)	29.20 (5.43)	23.50 (4.89)	18.10 (4.30)	15.20 (3.93)	12.20 (3.56)	9.96 (3.22)	7.50 (2.81)	5.10 (2.35)	3.20 (1.92)	0.55 (1.00)	11.04 (3.13)
Pusa Sawani	3.75 (2.04)	7.10 (2.75)	11.25 (3.42)	30.20 (5.54)	39.60 (6.32)	30.40 (5.56)	27.80 (5.31)	23.10 (4.84)	21.15 (4.64)	17.80 (4.26)	13.80 (3.75)	10.50 (3.30)	7.45 (2.81)	2.80 (1.80)	17.62 (4.02)
Pusa Makhmali	3.33 (1.93)	4.94 (2.31)	8.40 (2.96)	26.40 (5.18)	37.59 (6.17)	26.70 (5.21)	22.75 (4.80)	18.70 (4.37)	16.10 (4.07)	14.40 (3.83)	10.60 (3.33)	8.25 (2.94)	5.60 (2.41)	0.95 (1.20)	14.62 (3.62)
Kashi Chaman	1.10 (1.25)	1.50 (1.41)	3.25 (1.93)	7.25 (2.77)	22.00 (4.74)	17.80 (4.25)	12.60 (3.60)	11.00 (3.36)	9.33 (3.10)	6.50 (2.64)	4.33 (2.19)	3.40 (1.97)	0.50 (0.99)	0.20 (0.84)	7.20 (2.50)
Kashi Pragati	0.60 (1.04)	1.00 (1.22)	2.35 (1.66)	4.50 (2.19)	17.60 (4.25)	12.10 (3.53)	8.10 (2.92)	7.20 (2.74)	5.45 (2.34)	4.60 (2.22)	2.10 (1.59)	1.60 (1.43)	0.25 (0.86)	0.10 (0.77)	4.83 (2.05)
Hisar Unnat	1.80 (1.49)	2.55 (1.72)	5.10 (2.35)	18.25 (4.31)	28.10 (5.34)	21.10 (4.63)	16.45 (4.11)	13.40 (3.71)	11.80 (3.50)	9.44 (3.14)	6.40 (2.62)	4.50 (2.22)	2.10 (1.59)	0.30 (0.89)	10.09 (2.97)
S.Em.±	0.20	0.19	0.20	0.24	0.17	0.23	0.25	0.28	0.21	0.25	0.21	0.25	0.21	0.08	0.21
C.D.(p=0.05)	0.58	0.58	0.60	0.71	0.52	0.69	0.76	0.83	0.61	0.74	0.63	0.74	0.63	0.24	0.63
CV (%)	21.64	17.98	14.03	9.97	5.61	8.60	10.60	12.68	10.07	13.29	13.39	18.07	21.14	13.27	13.60

\*Figures in Parentheses are  $\sqrt{X+0.5}$  values.

\*\* Mean of three replications.



**Fig. 1 Relative susceptibility of okra varieties against leaf hopper, *A. biguttula biguttula* during Kharif, 2020**



**Table 3. Relative susceptibility of okra varieties against whitefly, *B. tabaci* during Kharif, 2020**

Varieties	Whitefly population** / 3 leaves at weekly intervals														Overall Mean
	34	35	36	37	38	39	40	41	42	43	44	45	46	47	
Arka Anamika	0.00 (0.71)*	0.25 (0.86)	1.23 (1.31)	2.00 (1.57)	4.39 (2.20)	5.20 (2.36)	7.40 (2.79)	10.20 (3.24)	9.70 (3.16)	8.84 (3.03)	2.40 (1.67)	1.30 (1.31)	0.65 (1.06)	0.25 (0.86)	3.84 (1.87)
Pusa A4	2.10 (1.61)	3.15 (1.91)	5.50 (2.44)	6.60 (2.63)	14.80 (3.90)	16.90 (4.16)	19.20 (4.43)	24.95 (5.03)	22.25 (4.76)	18.20 (4.31)	10.00 (3.23)	8.20 (2.90)	4.10 (2.14)	2.32 (1.67)	11.31 (3.22)
Pusa Bhindi 5	1.60 (1.40)	2.20 (1.63)	4.00 (2.08)	5.00 (2.28)	13.90 (3.78)	16.00 (4.04)	17.75 (4.27)	20.72 (4.60)	19.00 (4.40)	16.00 (4.02)	8.20 (2.94)	7.00 (2.67)	2.95 (1.81)	1.68 (1.46)	9.71 (2.96)
Varsha Uphar	1.00 (1.22)	1.40 (1.38)	3.40 (1.97)	4.40 (2.21)	13.20 (3.70)	15.60 (4.00)	17.00 (4.18)	20.30 (4.56)	18.40 (4.33)	15.20 (3.96)	7.30 (2.79)	6.35 (2.61)	1.50 (1.41)	1.20 (1.30)	9.02 (2.83)
Arka Abhay	0.80 (1.11)	1.42 (1.38)	3.43 (1.98)	4.30 (2.19)	10.00 (3.15)	10.75 (3.33)	14.70 (3.88)	16.10 (4.07)	15.60 (4.00)	14.40 (3.84)	6.40 (2.59)	5.08 (2.36)	1.20 (1.28)	1.00 (1.21)	7.51 (2.61)
Pusa Sawani	2.20 (1.61)	3.40 (1.97)	6.00 (2.53)	8.10 (2.93)	15.20 (3.96)	17.20 (4.19)	21.00 (4.61)	26.20 (5.16)	23.20 (4.86)	19.00 (4.41)	11.20 (3.41)	9.00 (3.03)	5.00 (2.34)	2.80 (1.70)	12.11 (3.34)
Pusa Makhmali	2.00 (1.57)	2.85 (1.83)	5.20 (2.39)	6.27 (2.59)	14.20 (3.82)	16.25 (4.07)	18.00 (4.25)	24.62 (5.01)	20.00 (4.49)	17.20 (4.19)	9.40 (3.12)	8.00 (2.90)	3.35 (1.94)	2.00 (1.56)	10.67 (3.12)
Kashi Chaman	0.50 (0.97)	1.00 (1.21)	1.83 (1.53)	2.90 (1.84)	8.80 (3.03)	9.20 (3.10)	12.00 (3.46)	14.20 (3.82)	12.85 (3.62)	12.80 (3.60)	4.80 (2.24)	4.00 (2.03)	1.10 (1.26)	0.85 (1.15)	6.20 (2.35)
Kashi Pragati	0.20 (0.83)	0.50 (0.99)	1.53 (1.42)	2.60 (1.76)	4.64 (2.25)	8.40 (2.95)	10.20 (3.22)	12.08 (3.52)	11.40 (3.41)	10.60 (3.29)	3.40 (1.93)	3.00 (1.79)	1.00 (1.21)	0.45 (0.97)	5.00 (2.11)
Hisar Unnat	1.20 (1.29)	2.00 (1.57)	3.60 (2.02)	4.87 (2.29)	13.40 (3.73)	15.80 (4.02)	17.50 (4.23)	20.60 (4.59)	18.75 (4.37)	15.60 (3.98)	7.80 (2.85)	6.80 (2.68)	2.75 (1.70)	1.56 (1.38)	9.45 (2.91)
S.Em.±	0.13	0.08	0.14	0.20	0.24	0.27	0.33	0.13	0.29	0.30	0.27	0.33	0.19	0.21	0.22
C.D.(p=0.05)	0.39	0.23	0.42	0.58	0.71	0.80	0.98	0.39	0.85	0.89	0.79	0.98	0.57	0.62	0.66
CV (%)	18.27	9.28	12.33	15.17	12.32	12.90	14.50	5.21	11.96	13.49	17.16	23.51	20.75	27.43	15.31

\*Figures in Parentheses are  $\sqrt{X+0.5}$  values.

\*\* Mean of three replications.

**Fig 2. Relative susceptibility of okra varieties against whitefly, *B. tabaci* during Kharif, 2020**

