Supplementary Table 1. Interaction effect of fertigation levels (NPK) and its scheduling on vine length, germination percentage, days to 50 % flowering, number of nodes per vine, stem diameter and internodal length in plant

Treatments	Vine length (cm)		Germination percentage		Days to 50 % of flowering		Number of nodes per vine		Stem diameter (mm)		Internodal length (cm)	
	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season
F × S												
$F_1 \times S_1$	291.39	293.99	97.88	98.89	46	44	28.26	29.08	12.41	12.09	10.92	11.39
$F_1 \times S_2$	301.35	304.39	98.21	99.15	46	44	28.88	29.98	11.84	12.34	10.95	11.10
$F_2 \times S_1$	276.04	278.29	97.89	98.48	44	43	24.94	24.92	10.53	11.17	9.52	10.25
$F_2 \times S_2$	282.27	284.37	97.89	98.41	44	41	31.03	31.82	11.61	11.79	10.86	10.72
$F_3 \times S_1$	259.39	261.40	97.69	98.06	42	39	24.41	24.27	9.81	10.19	9.26	9.32
$F_3 \times S_2$	261.19	264.80	97.69	97.99	41	39	27.43	28.54	10.61	11.02	9.62	10.08
$F_4 \times S_1$	238.61	241.51	97.35	97.59	40	39	23.65	25.18	9.28	9.97	8.89	9.14
$F_4 \times S_2$	244.27	247.11	97.25	97.68	38	38	25.47	24.89	10.59	10.53	8.56	8.90
SE(m)±	1.01	0.82	0.69	0.50	0.34	0.30	1.01	1.55	0.60	0.61	0.53	0.60
CD (5 %)	3.03	2.47	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Supplementary Table 2. Effect of fertigation levels (NPK) and its scheduling on days to fruit setting, number of fruits per vine, fruit length, fruit diameter, fruit yield per vine and fruit yield in plant

Treatments	Days to fruit setting		Number of fruits per vine		Fruit length (cm)		Fruit diameter (cm)		Fruit yield per vine (kg)		Fruit yield (t ha^{-1})	
	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season	Summer season	Winter season
F × S												
$F_1 \times S_1$	45	42	21.16	21.95	15.62	15.79	4.13	4.14	2.80	2.93	93.33	97.75
$F_1 \times S_2$	43	42	21.71	22.12	16.41	16.79	4.25	4.30	2.88	2.96	95.91	98.68
$F_2 \times S_1$	41	38	22.16	23.00	16.60	17.15	4.17	4.25	3.06	3.21	102.10	107.16
$F_2 \times S_2$	41	40	22.79	23.69	16.76	17.50	4.29	4.30	3.17	3.33	105.74	111.13
$F_3 \times S_1$	39	37	18.80	19.69	15.20	15.46	4.08	4.18	2.42	2.56	80.73	85.40
$F_3 \times S_2$	39	37	19.29	20.68	15.66	15.82	4.21	4.15	2.51	2.70	83.64	90.10
$F_4 \times S_1$	37	36	17.71	18.72	14.87	14.89	4.12	4.14	2.26	2.39	75.17	79.52
$F_4 \times S_2$	37	35	18.10	18.99	14.97	15.27	4.02	4.01	2.29	2.41	76.33	80.27
SE(m)±	0.42	1.33	0.30	0.57	0.34	0.44	0.05	0.06	0.04	0.05	1.30	1.53
CD (5 %)	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS