

Table 2 Effect of different concentrations of salicylic acid on fruit firmness of mango (*Mangifera indica* L.cv. Bombay green) in Bardibas, Mahottari, 2023

Treatments	Fruit firmness (kg/cm ²)					
	Initial	3 DAS	6 DAS	9 DAS	12 DAS	15 DAS
Control	8.1	4.58 ^d	3.25 ^d	2.30 ^d	-	-
50 ppm SA	8.1	5.35 ^c	3.53 ^d	2.51 ^{cd}	2.19 ^b	-
100 ppm SA	8.1	5.77 ^{bc}	4.23 ^c	2.95 ^c	2.41 ^b	1.48 ^b
150 ppm SA	8.1	6.25 ^{ab}	4.91 ^c	3.48 ^b	2.61 ^{ab}	1.69 ^{ab}
200 ppm SA	8.1	6.49 ^a	5.43 ^a	4.21 ^a	2.97 ^a	1.91 ^a
Grand mean	8.1	5.69	4.27	3.09	2.55	1.69
CV%	8.1	7.9	5.0	9.3	10.3	10.0
SEM (±)	-	0.22	0.10	0.14	0.13	0.08
LSD	-	0.68	0.31	0.43	0.40	0.27
F-test	-	***	***	***	**	*

Notes: Treatment means in a column with same letters are not significantly different according to DMRT at 5% level of significance, CV = Coefficient of Variation, LSD = Least Significant Difference, SEM (±) = Standard Errors of Means, DAS=Days after Storage, * = significantly different at ($p<0.05$), ** = highly significant different at ($p<0.01$), *** = very significantly different at ($p<0.001$)