

Table 3 Effect of different concentrations of salicylic acid on total soluble solids of mango (*Mangifera indica* L.cv. Bombay green) in Bardibas, Mahottari, 2023

Treatments	Total Soluble Solids (°Brix) TSS					
	Initial	3 DAS	6 DAS	9 DAS	12 DAS	15 DAS
Control	8.3	17.46 ^a	19.23 ^a	20.47 ^a	-	-
50 ppm SA	8.3	15.25 ^b	18.38 ^b	19.48 ^{ab}	20.01 ^a	-
100 ppm SA	8.3	14.25 ^b	17.38 ^b	18.94 ^b	19.97 ^a	18.84 ^b
150 ppm SA	8.3	12.87 ^c	15.16 ^c	18.73 ^b	19.61 ^{ab}	20.12 ^{ab}
200 ppm SA	8.3	11.24 ^d	13.43 ^d	16.82 ^c	18.42 ^b	21.44 ^a
Grand mean	8.3	14.21	16.71	18.89	19.50	20.13
CV%	-	5.3	3.9	4.9	4.1	7.2
SEM (±)	-	0.37	0.32	0.65	0.40	0.72
LSD	-	1.13	0.99	1.38	1.23	2.30
F-value	-	***	***	***	*	**

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 ($p<0.001$)