

Table 1 Effect of foliar spray of boron and zinc on fruit quality parameters of papaya cv. Red Lady in Chitwan, Nepal, 2016

Treatments	Fruit Quality					
	Ascorbic acid (mg/100g pulp)	TSS (°Brix)	TA (%)	TSS/TA ratio	p ^H	Firmness (Kg/cm ²)
Control	3.36 ^a	8.33 ^a	0.1923 ^e	43.34 ^a	4.60 ^a	1.48 ^a
Water spray	3.36 ^a	8.33 ^a	0.1923 ^e	43.32 ^a	4.60 ^a	1.46 ^a
Borax @ 0.1% + ZnSO ₄ @ 0.1%	3.52 ^{ab}	9.24 ^{ab}	0.1640 ^d	56.40 ^b	4.80 ^{ab}	1.50 ^a
Borax @ 0.1% + ZnSO ₄ @ 0.2%	3.61 ^{abc}	9.38 ^b	0.1628 ^d	57.65 ^b	4.90 ^{bc}	1.60 ^{ab}
Borax @ 0.1% + ZnSO ₄ @ 0.3%	3.62 ^{abc}	9.41 ^b	0.1620 ^d	58.17 ^b	5.10 ^{cd}	1.60 ^{abc}
Borax @ 0.2% + ZnSO ₄ @ 0.1%	3.70 ^{abc}	9.78 ^{bc}	0.1408 ^c	69.51 ^c	5.20 ^{de}	1.75 ^{abcd}
Borax @ 0.2% + ZnSO ₄ @ 0.2%	3.86 ^{abcd}	9.86 ^{bc}	0.1401 ^c	70.45 ^c	5.33 ^{ef}	1.87 ^{abcd}
Borax @ 0.2% + ZnSO ₄ @ 0.3%	3.97 ^{abcd}	10.12 ^{bcd}	0.1390 ^c	72.92 ^c	5.40 ^{ef}	1.93 ^{abcd}
Borax @ 0.3% + ZnSO ₄ @ 0.1%	4.33 ^{bcd}	10.67 ^{cd}	0.1280 ^b	83.39 ^d	5.40 ^{ef}	2.06 ^{bd}
Borax @ 0.3% + ZnSO ₄ @ 0.2%	4.67 ^d	11.68 ^e	0.1150 ^a	101.63 ^f	5.53 ^f	2.73 ^e
Borax @ 0.3% + ZnSO ₄ @ 0.3%	4.47 ^{cd}	11.00 ^{de}	0.1180 ^a	93.33 ^e	5.46 ^f	2.10 ^d
LSD	0.783	0.918	0.005984	6.72	0.2090	0.421
SEM	0.265	0.311	0.002029	2.28	0.0709	0.143
CV %	11.9	5.5	2.3	5.80	2.4	13.5
Grand mean	3.86	9.80	0.15039	68.19	5.121	1.83

Note: Means are separated by DMRT and columns represented with same letter (s) are non-significant at 5 % level of significance