

**Table(4):** Fruit physical and chemical properties during "On" and "Off" years;2004 and 2005; of Zebda mango cultivar as affected by PBZ application during October 2003 and 2004.

Character Treatment	Fruit weight (g)		Stone weight (%)		Pulp/stone ratio		TSS (%)		Acidity (%)		V.C. mg/100g pulp	
	On	Off	On	Off	On	Off	On	Off	On	Off	On	Off
First season (2004)												
Control	407.33	403.50	11.30	11.37	8.00	7.98	14.08	13.96	0.121	0.119	51.30	50.70
5 g PBZ/tree	409.02	405.30	11.22	11.40	8.10	8.00	14.14	14.00	0.119	0.121	49.80	50.20
10 g PBZ/tree	426.10	420.70	11.16	11.26	7.96	8.10	14.30	14.24	0.122	0.120	48.90	49.80
15 g PBZ/tree	446.35	433.20	11.08	11.20	8.12	8.08	15.48	15.36	0.120	0.119	50.80	49.60
20 g PBZ/tree	443.70	438.10	11.24	11.16	7.90	8.00	15.52	15.46	0.121	0.120	51.60	50.40
L.S.D. 0.05	17.70	16.27	NS	NS	NS	NS	0.84	0.90	NS	NS	NS	NS
Second season (2005)												
Control	398.70	400.20	11.06	10.94	8.08	8.20	13.92	14.00	0.120	0.119	53.10	52.30
5 g PBZ/tree	396.56	402.71	10.94	11.02	8.17	8.12	14.02	13.96	0.121	0.119	50.50	51.70
10 g PBZ/tree	419.82	426.32	10.86	10.98	8.09	8.08	14.24	14.32	0.119	0.121	49.80	50.20
15 g PBZ/tree	450.21	444.80	11.00	11.12	8.20	8.17	15.20	15.12	0.120	0.120	52.60	51.80
20 g PBZ/tree	446.21	440.30	11.10	11.05	8.14	8.06	15.30	15.18	0.121	0.120	52.00	51.30
L.S.D. 0.05	19.32	18.47	NS	NS	NS	NS	0.77	0.82	NS	NS	NS	NS