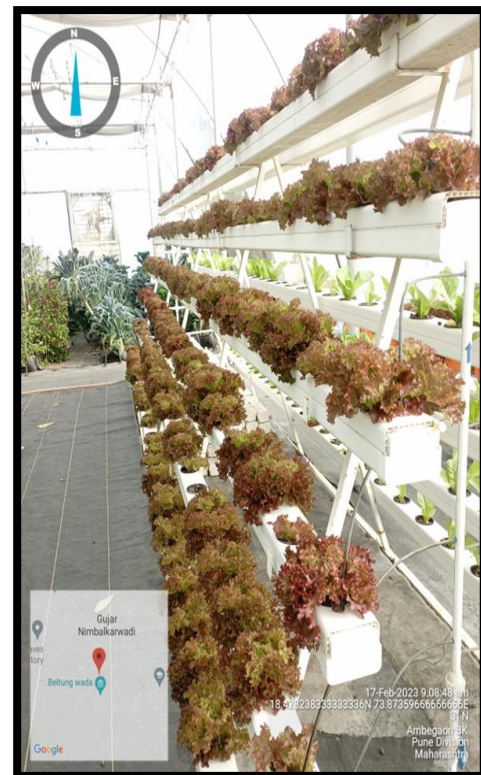


Effect of Foliar application of CropBioLife on lettuce crop under hydroponic condition

February-March 2023

Experiment conducted at HyGreens Hydroponic LLP



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Address:

Survey No. - 16 / 4 / 1 / 1, Khalate Patil Nagar, Gujar Nimbalkar Wadi, Katraj, Pune - 411 046. Maharashtra, India.

<https://www.google.com/maps/place/HyGreens/@18.4284171,73.871257>

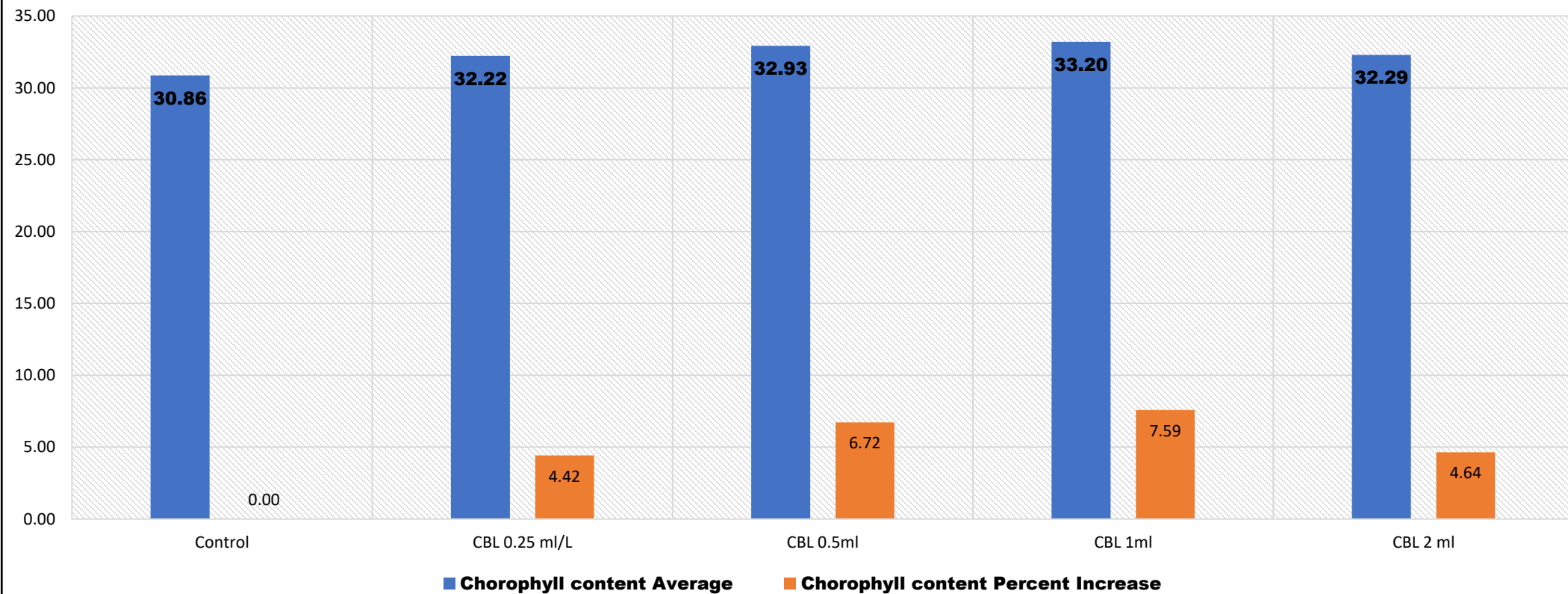
Romaine lettuce



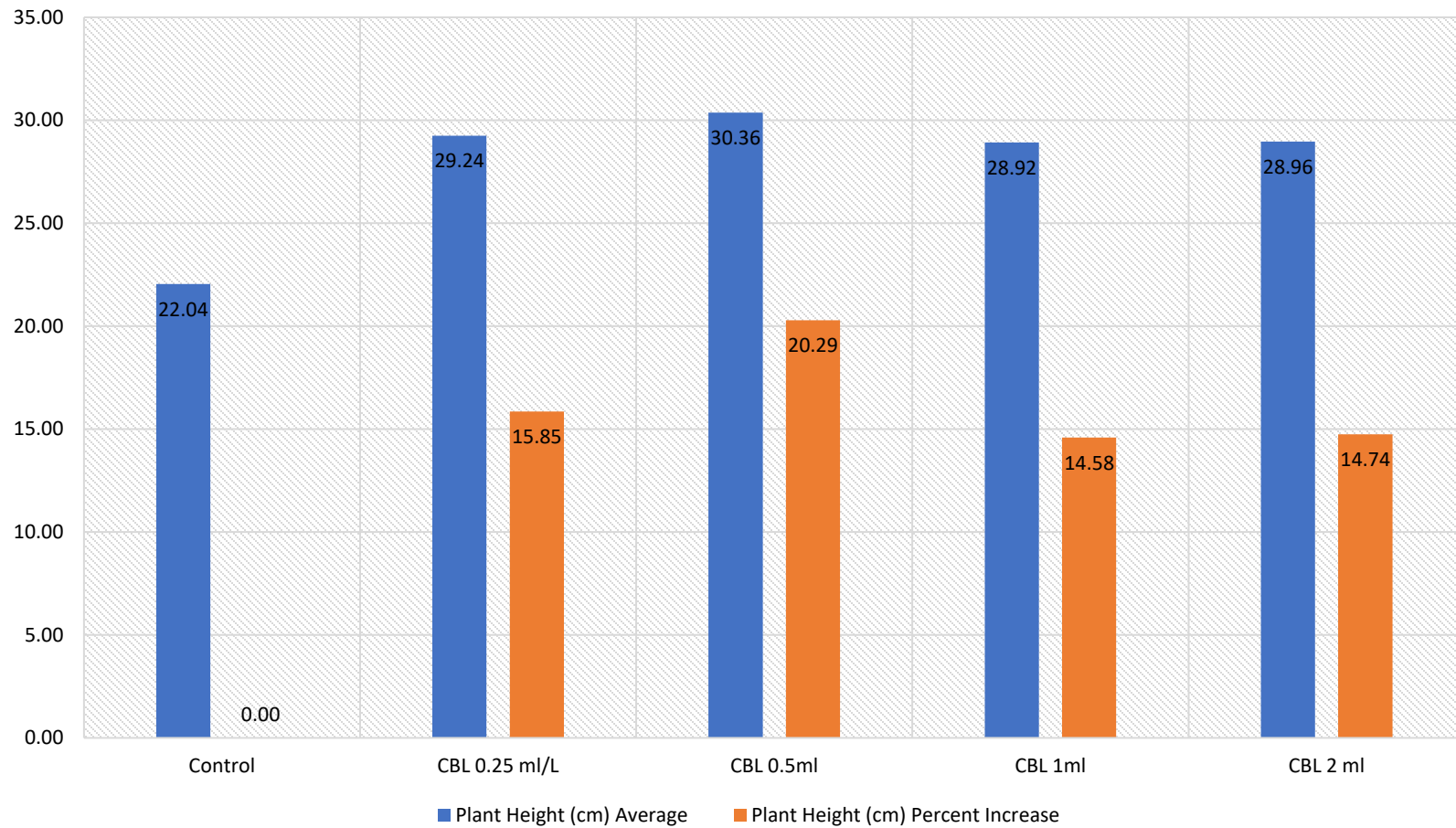
Treatment Number	Treatment Name	Chlorophyll content (µmol m ⁻²) N=75		Height (cm) N=75		Plant Fresh weight (gram) N=75	
		Chlorophyll content	% increased	Height	% increased	Chlorophyll content	% increased
T1	Control	30.86	0.00	22.04	0.00	272.56	0.00
T2	CBL 0.25 ml/L	32.22	4.42	29.24	15.85	350.60	28.63
T3	CBL 0.5ml	32.93	6.72	30.36	20.29	377.28	38.42
T4	CBL 1ml	33.20	7.59	28.92	14.58	337.12	23.69
T5	CBL 2 ml	32.29	4.64	28.96	14.74	302.80	11.09



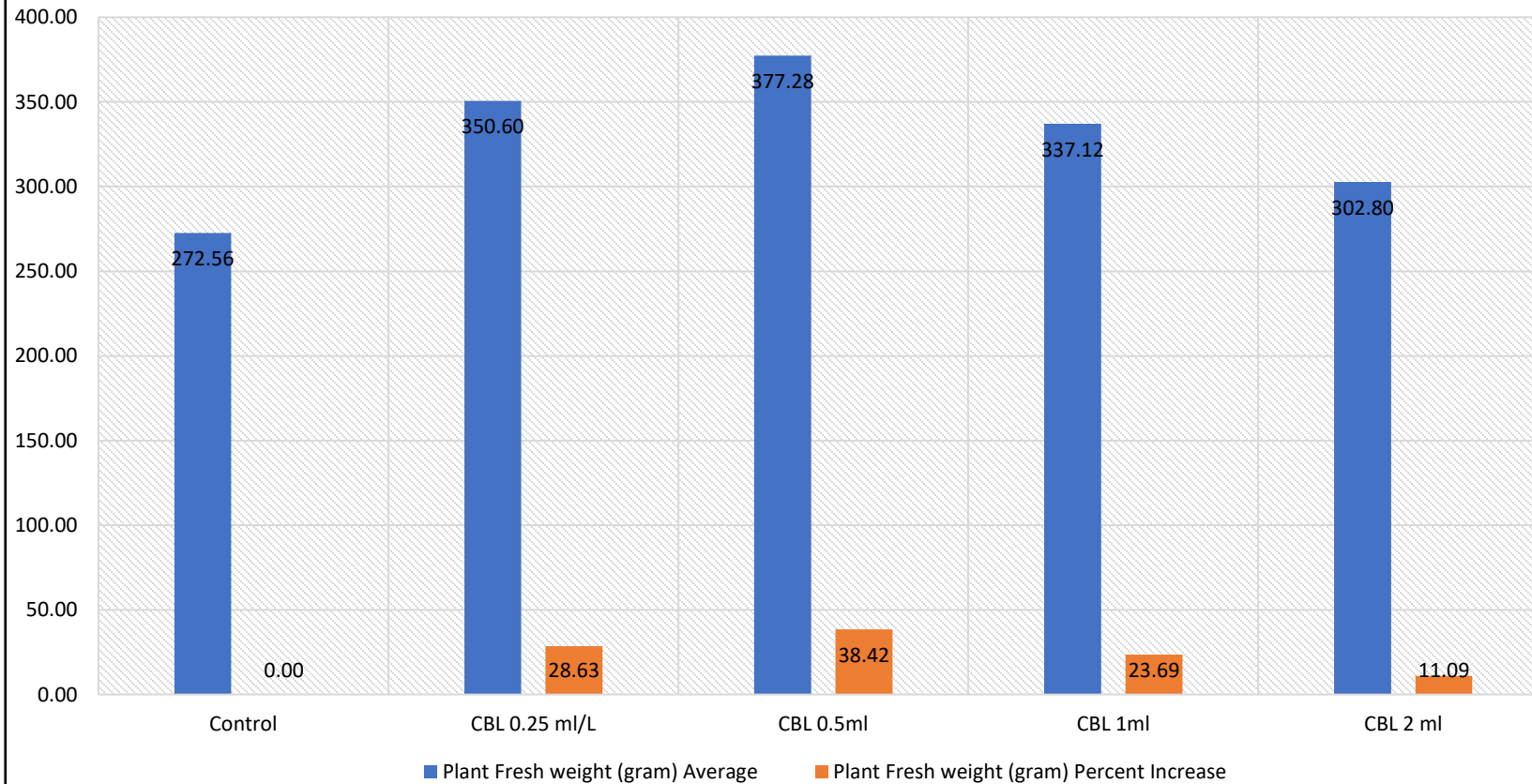
Effect of foliar application of CBL on chlorophyll content ($\mu\text{mol m}^{-2}$) in lettuce var. romaine



Effect of foliar application of CBL on crop height (cm) in lettuce var.



Effect of Foliar application of CBL on Fresh Biomass (gram) of Lettuce var. romaine



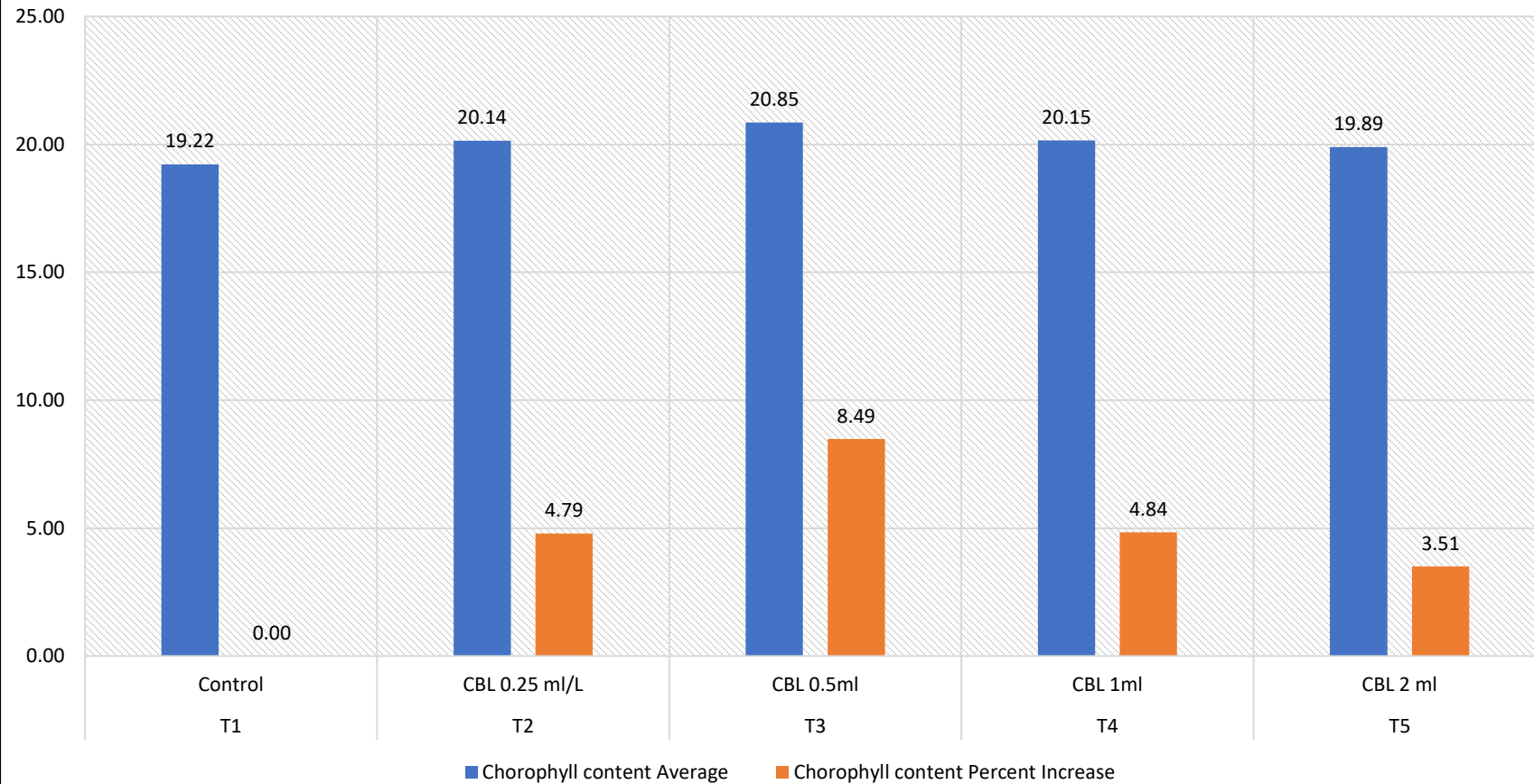
Lettuce Rollo rosso



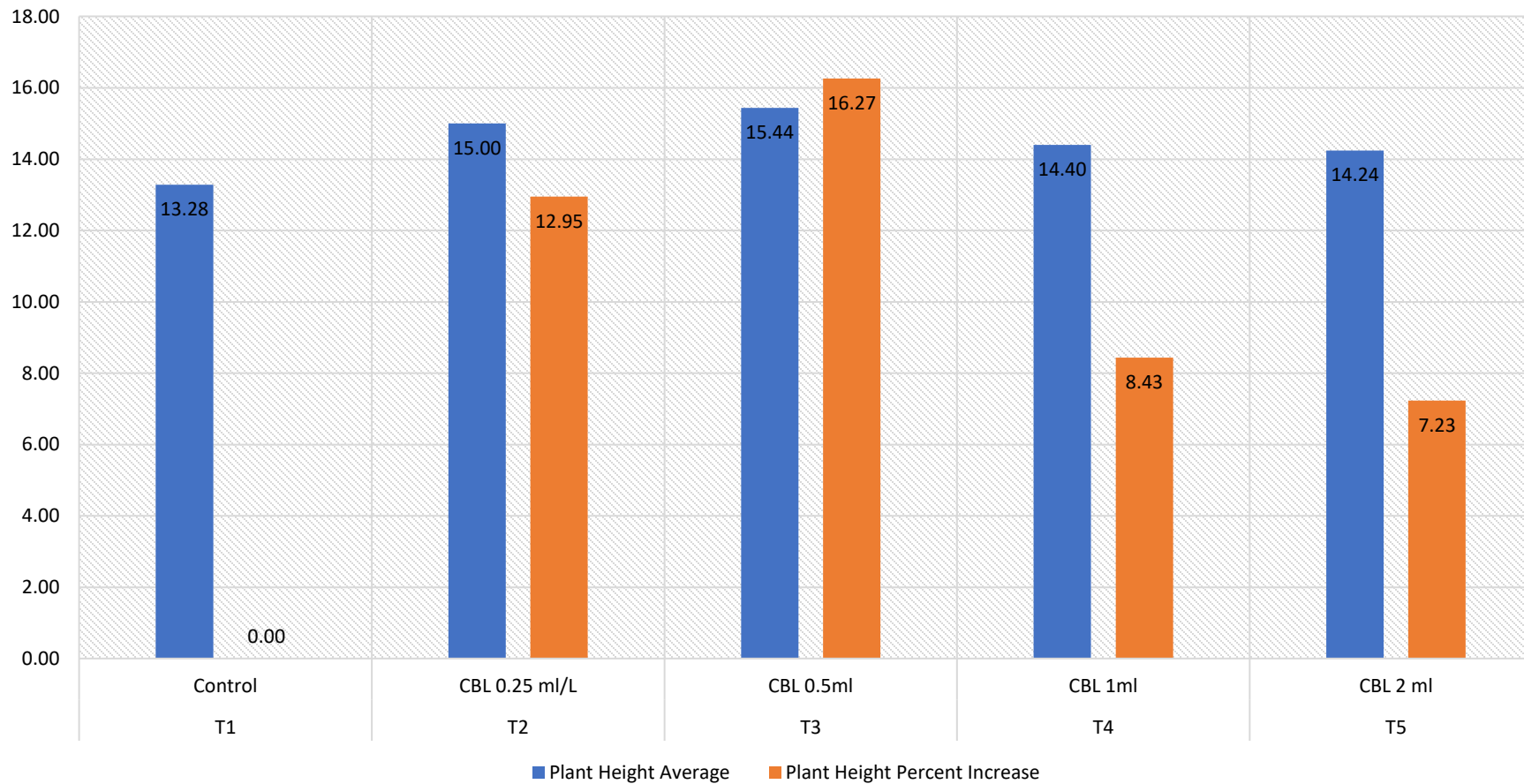
Treatment Number	Treatment Name	Chlorophyll content ($\mu\text{mol m}^{-2}$) N=75		Height (cm) N=75		Plant Fresh weight (gram) N=75	
		Chlorophyll content	% increased	Height	% increased	Chlorophyll content	% increased
T1	Untreated Control	19.22	0	13.28	0	21.48	0
T2	CBL 0.25 ml/L	20.14	4.79	15	12.95	22.64	5.38
T3	CBL 0.5 ml	20.85	8.49	15.44	16.27	23.61	9.91
T4	CBL 1ml	20.15	4.84	14.4	8.43	23.95	11.49
T5	CBL 2 ml	19.89	3.51	14.24	7.23	23.51	9.44



Effect of foliar application of CBL on chlorophyll content ($\mu\text{mol m}^{-2}$) SPAD unit in lettuce var. lollo ross



Effect of foliar application of CBL on crop height (cm) in lettuce var. lollo rosso



Effect of Foliar application of CBL on Fresh Biomass of Lettuce variety lollo roso

