

Cabbage essay (2022), Viluco, RM (Chile) GPS 33.775999, -70.788638

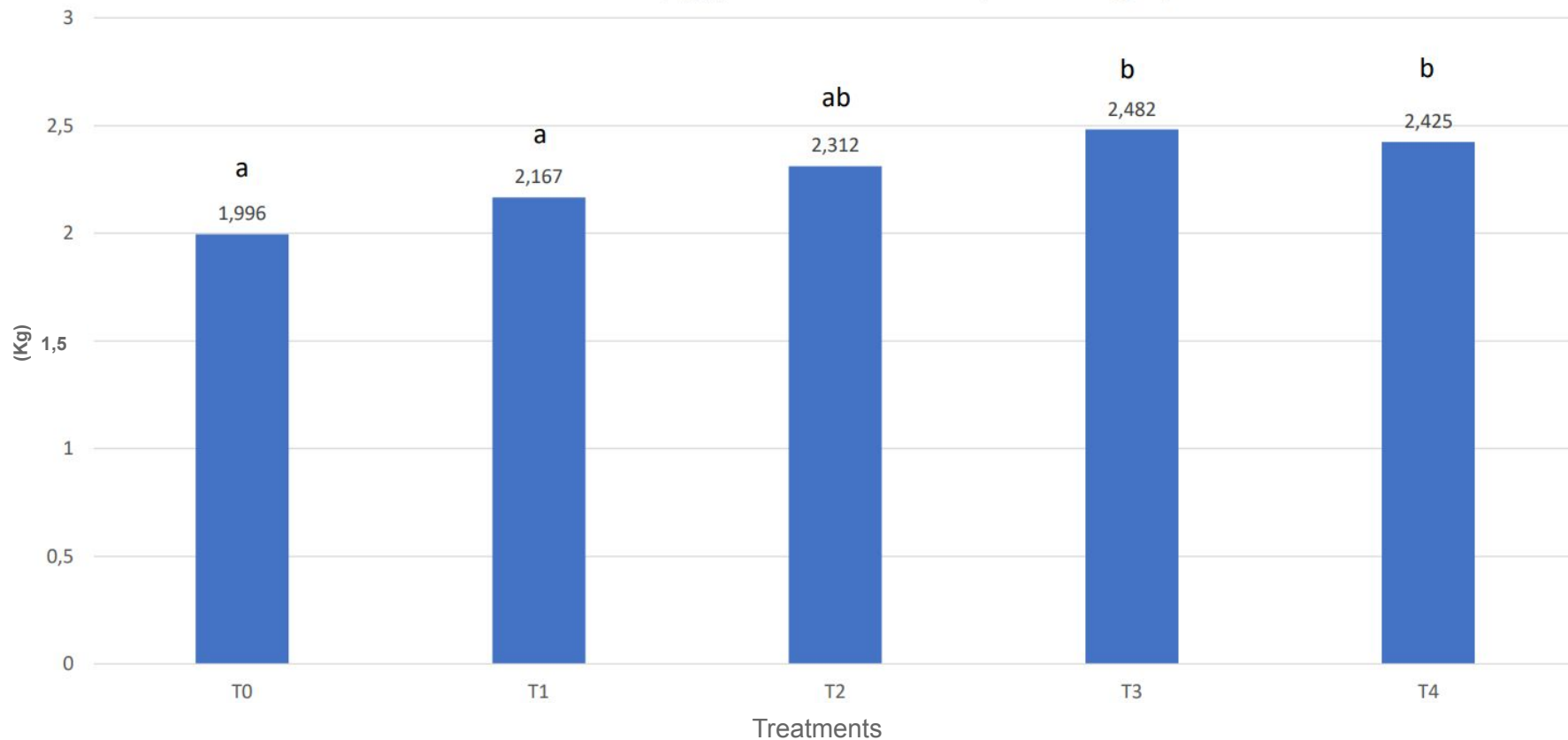
- **Treatments**

- T0: Control – 100% chemical fertilization (urea) 121u
- T1: 1 TwinN dosis – 20u replacement (Sowing stage)
- T2: 1 TwinN dosis – 30u replacement (Sowing stage)
- T3: 2 TwinN dosis – 40u replacement (Sowing and vegetative growth)
- T4: 2 TwinN dosis – 40u replacement (Sowing and vegetative growth)

Data Summary

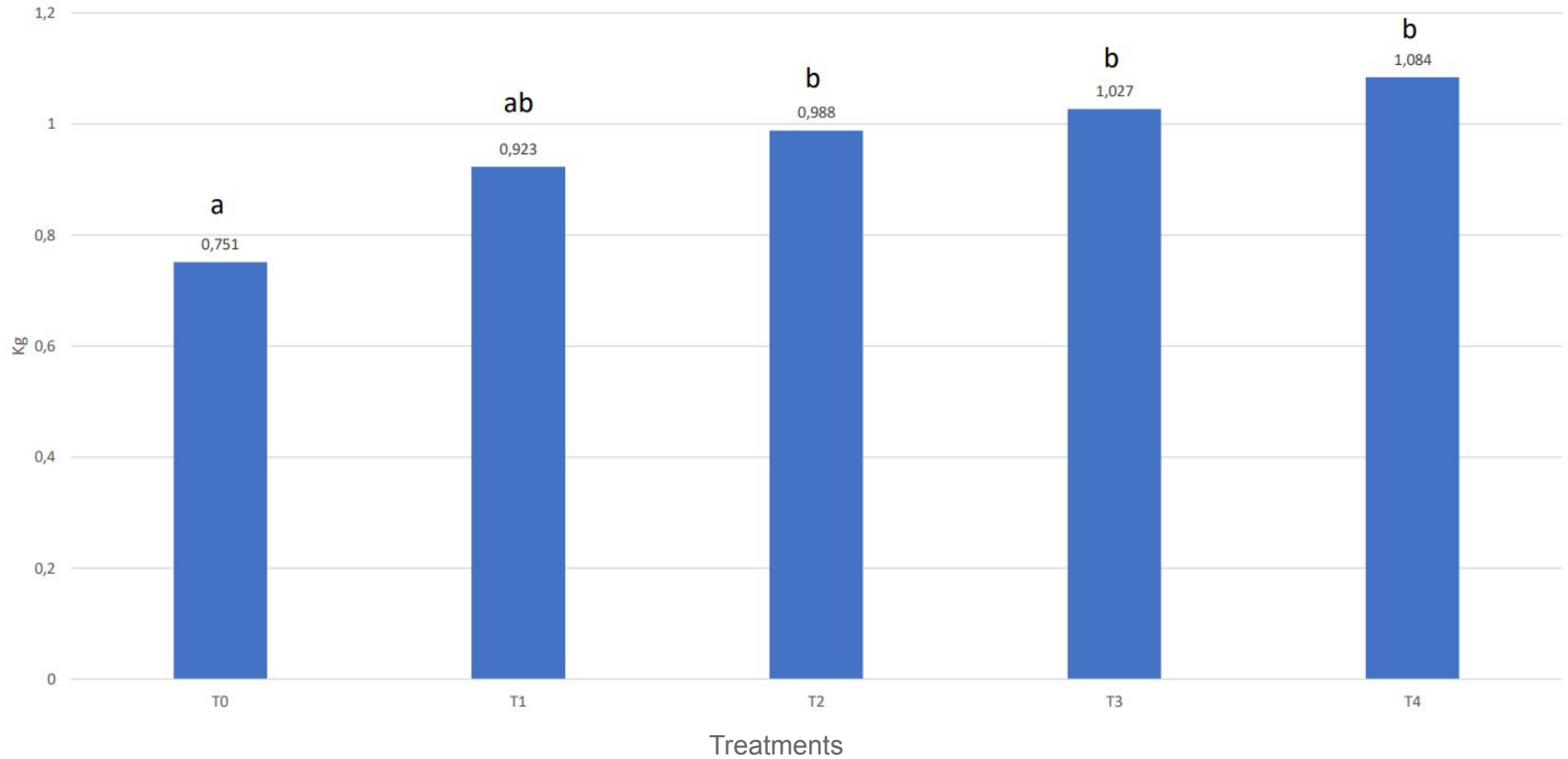
Treatment	T0	T1	T2	T3	T4
Start	85	85	85	85	85
Sowing	0	20	30	20	20
Vegetative Growth	8	8	6	20	20
Onset of Flowering	28	8	0	0	8
Total Urea	121	101	91	85	93
Total Replacement		20	30	40	40
Total Nitrogen	121	121	121	125	133
Urea Cost	236.739	197.609	178.043	166.304	181.957
Twin N Cost	-	50.400	50.400	50.400	50.400
Total N Cost	236.739	248.009	228.443	216.704	232.357
Average Plant Weight (kg)	1,996 a	2,167 a	2,312 ab	2,482 b	2,425 b
Average Head Weight (kg)	0,751 a	0,923 ab	0,988 b	1,027 b	1,084 b
Average Root Weight (kg)	0,119 a	0,151 ab	0,142 abc	0,172 bc	0,187 c
Average Head Diameter (mm)	122,6 a	125,9 ab	135,4 bc	137,8 c	144,6 c

Plant Weight (Kg) by Treatment



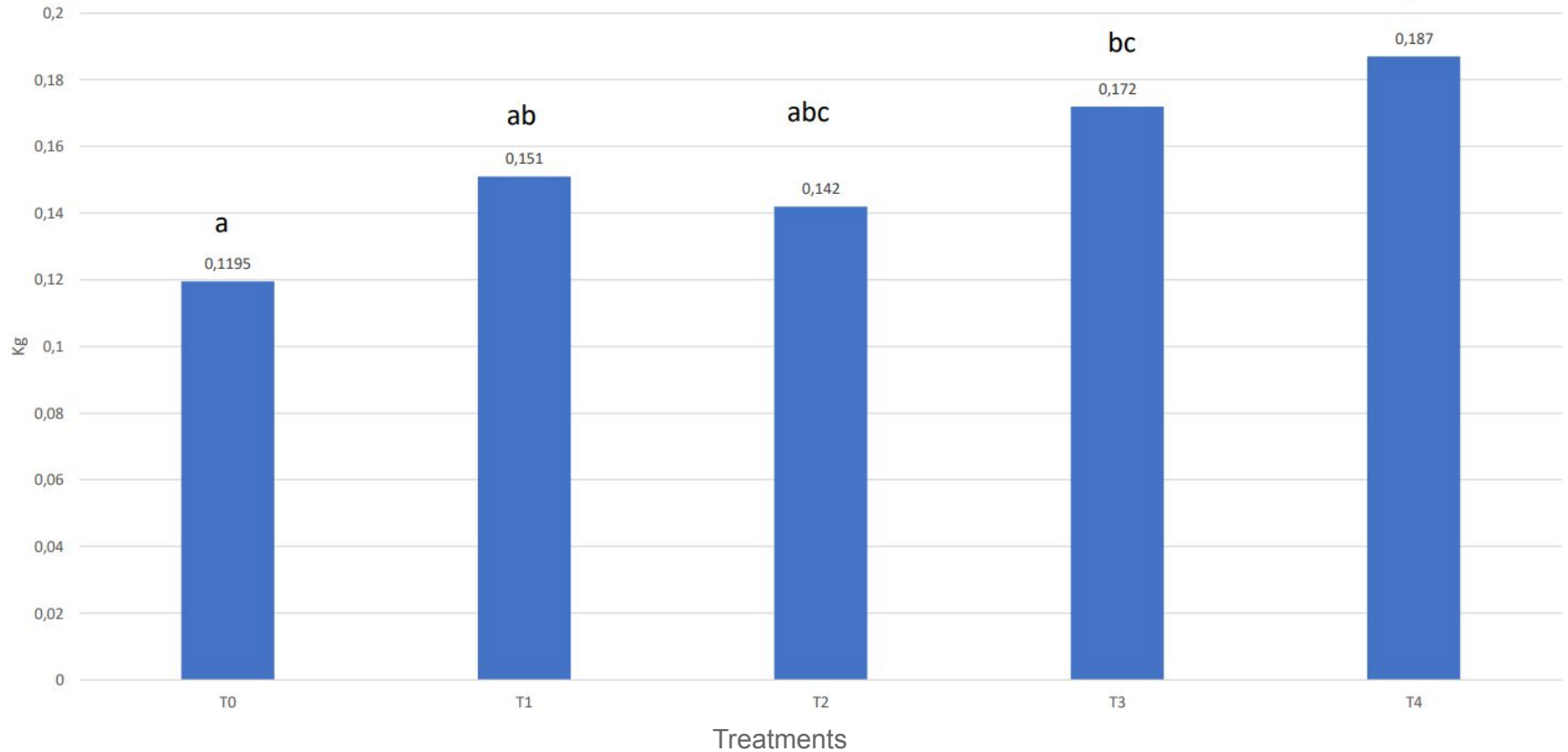
Averages with a common letter are not significantly different ($p > 0.5$)

Head Weight (Kg) by Treatment



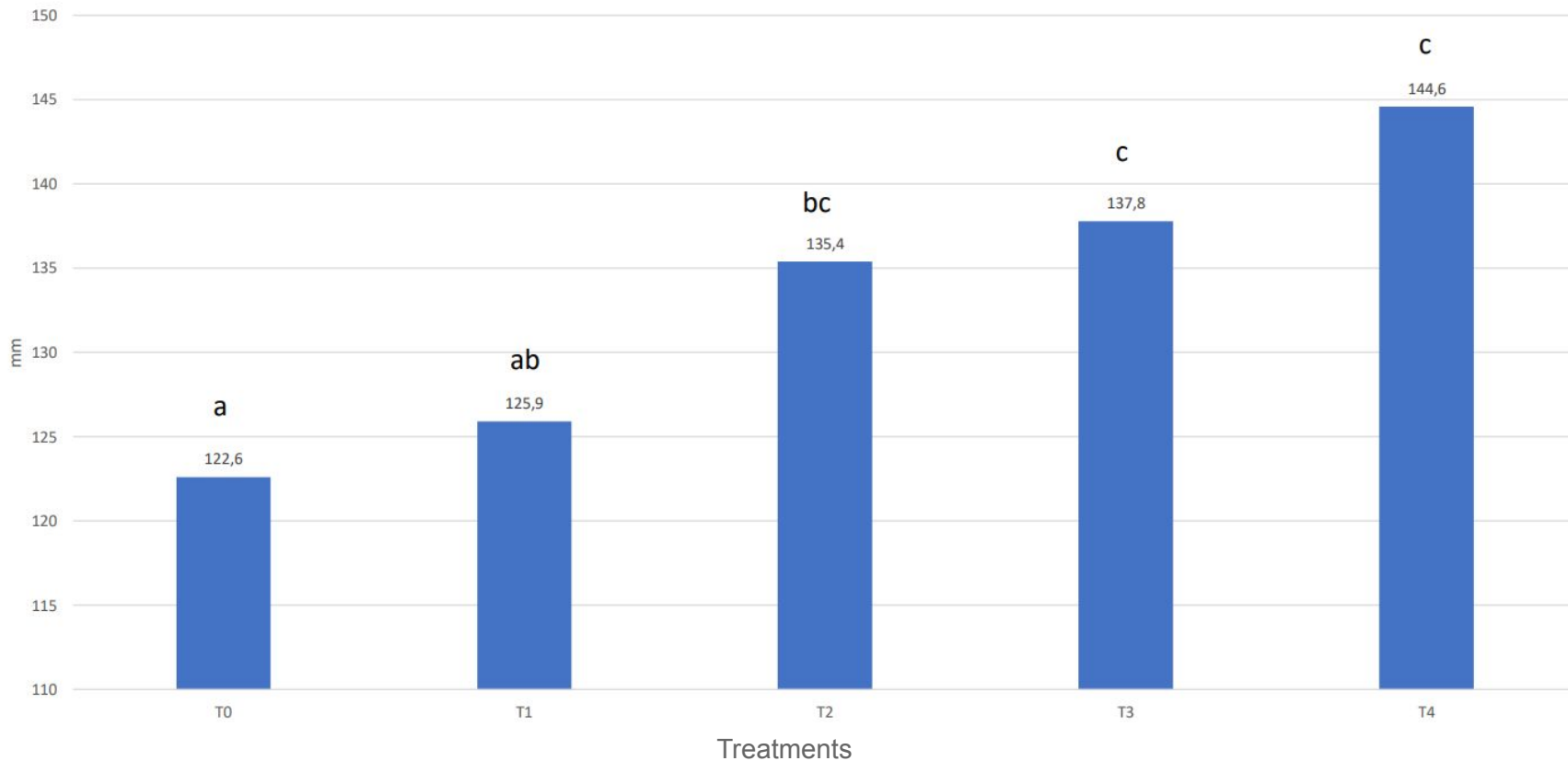
Averages with a common letter are not significantly different ($p > 0.5$)

Root Weight (Kg) by Treatment



Averages with a common letter are not significantly different ($p > 0.5$)

Head Diameter (mm) by Treatment



Averages with a common letter are not significantly different ($p > 0.5$)

Microbial Mass

