

Table S1. Mean comparisons of salinity stress and fish waste bio-fertilizer on morphological traits of *Stevia rebaudiana* Bertoni. The same letters do not differ significantly ($p < 0.05$) based on Duncan's test.

Treatment	Concentration	Root length (cm)	Root DW (g)	Root FW (g)	Leaf area (mm ²)	Number of leaves	branches	Shoot DW (g)	Shoot FW (g)
NaCLmM)	0	27.25 ^a	10.94 ^a	63.45 ^a	55.85 ^a	640.08 ^a	44.16 ^a	31.58 ^a	209 ^a
	20	25.83 ^a	9.6 ^b	50.27 ^b	55.65 ^a	506.5 ^b	36.83 ^b	23.06 ^b	181.92 ^b
	40	21.66 ^b	8.27 ^c	40.86 ^c	38.91 ^b	355 ^c	29.41 ^c	17.69 ^c	164.06 ^c
	60	13 ^c	6.78 ^d	29.97 ^d	28.55 ^c	185.42 ^d	16.33 ^d	10.26 ^d	106.8 ^d
Fish waste biofertilizer (%)	0	20 ^b	8.69 ^a	44.19 ^a	40.88 ^b	411.33 ^a	30.25 ^b	18.89 ^b	155.205 ^b
	5	21.77 ^{ab}	8.76 ^a	44.85 ^a	43.79 ^{ab}	424 ^a	29.75 ^b	20.48 ^{ab}	159.099 ^b
	10	22.66 ^a	8.95 ^a	47.09 ^a	45.49 ^a	429.83 ^a	32.25 ^{ab}	21.15 ^{ab}	169.84 ^{ab}
	15	23.33 ^a	9.19 ^a	48.42 ^a	46.8 ^a	421.83 ^a	34.5 ^a	22.08 ^a	181.612 ^a

Table S2. Mean comparisons of salinity stress and fish waste bio-fertilizer on proline, electrolyte leakage (EL) and relative water content (RWC) of *Stevia rebaudiana* Bertonii. The same letters do not differ significantly ($P < 0.05$) based on Duncan's teste.

Treatment	Concentration	Proline ($\mu\text{mol g}^{-1}$ FW)	Electrolyte leakage (%)	Relative water content (%)
NaCl(mM)	0	24.84 ^d	44.09 ^d	76.912 ^a
	20	42.26 ^c	49.47 ^c	61.61 ^b
	40	55.32 ^b	58.75 ^b	50.006 ^c
	60	79.83 ^a	69.34 ^a	45.74 ^d
Fish waste biofertilizer (%)	0	46.71 ^b	58.59 ^a	55.76 ^c
	5	46.96 ^b	56.84 ^{ab}	57.95 ^{bc}
	10	50.664 ^b	54.11 ^{bc}	59.124 ^{ab}
	15	57.946 ^a	52.109 ^c	61.43 ^a

Table S3. Effect of salinity stress and fish waste bio-fertilizer on shoot potassium (K) and root calcium (Ca) of *Stevia rebaudiana* Bertoni. The same letters do not differ significantly ($P < 0.05$) based on Duncan 's test.

Treatment	Concentration (mM)	Shoot k (%)	Root Ca (%)
NaCl (mM)	0	4.58 ^a	0.323 ^a
	20	3.5 ^b	0.18 ^b
	40	2.62 ^c	0.14 ^c
	60	1.32 ^d	0.097 ^d
Fish waste biofertilizer (%)	0	2.71 ^b	0.138 ^b
	5	2.94 ^{ab}	0.166 ^a
	10	3.08 ^a	0.171 ^a
	15	3.29 ^a	0.174 ^a