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Article

Effects of Marine Residue-Derived Fertilizers on Strawberry Growth, Nutrient Content, Fruit Yield and Quality

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Supplementary material

Table S1. Mean values of mass percentages of nutrients in chemical fertilizers.

Fertilizer	N	P	K	S	Mg	B	Cu	Fe	Mo	Mn	Zn	HS
Terrenova	0.8	5	10	0	0	0	0	0	0	0	0	16
Raiza Mix	1.9	0	0	0	0	0.2	0.1	1.1	0.02	0.5	0.2	0
Naturmix- Mg	0	0	0	0	4	0.3	0.25	2.5	0.1	1.5	0.35	0
KSC II PHYT-ACTYL	23	5	5	29	0	0	0	0.1	0	0.05	0.1	0
KSC III PHYT-ACTYL	15	5	35	0	0	0.1	0	0.1	0.01	0	0	0

(N) nitrogen; (P) phosphorus; (K) potassium; (S) sulfur; (Mg) magnesium; (B) boron; (Cu) copper; (Fe) iron; (Mo) molybdenum; (Mn) manganese; (Zn) zinc; (HS) humic substances.

Table S2. Mean values of physicochemical properties of peat substrate.

Moisture (%)	58
Dry bulk density (kg/m^3)	75
pH	5.9
Electrical conductivity (mS/m)	32
Organic matter (%)	90
Soluble nitrogen (%)	0.21
Soluble phosphorus (%)	0.06
Soluble potassium (%)	0.19

Table S3. Nutrient inputs per plant during the experiment.

Nutrient	Units	F1	F2	FA	E
N	g/plant	5.50	5.39	5.41	2.55
P	g/plant	2.38	4.91	3.32	0.68
K	g/plant	0.37	0.52	0.55	2.79
Ca	g/plant	5.31	11.8	7.93	-
Na	g/plant	0.77	1.00	1.02	-
Mg	g/plant	0.16	0.24	0.17	0.03
Fe	mg/plant	4.50	4.86	11.0	21.6
Mn	mg/plant	0.08	0.22	1.07	7.78
Zn	mg/plant	2.09	2.96	2.85	7.73

(N) nitrogen; (P) phosphorus; (K) potassium; (Ca) calcium; (Na) sodium; (Mg) magnesium; (Fe) iron; (Mn) manganese; (Zn) zinc; (F1) cod bone powder; (F2) common ling bone powder; (FA) fish and algae pellets; (E) chemical fertilizers.