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SUPPLEMENTARY MATERIAL 2

Bioinoculant production composed by *Pseudomonas* sp., *Serratia* sp., and *Kosakonia* sp., preliminary effect on *Allium cepa* L., growth at plot scale

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Table 1: Response variable results: pH, residual glucose ($g\,L^{-1}$), and soluble P soluble ($mg\,L^{-1}$) from the 12 evaluated treatments in the Plackett-Burman design for operation conditions and media composition selection. *a, b, c, d, e, f, g and h represent heterogeneous subsets of Tukeys statistical test with highly significant differences ($p < 0.0001$)

TREATMENT	FINAL pH	RESIDUAL GLUCOSE (g L-1)	SOLUBLE P (mg L-1)
T1	3.490 ± 0.014	3.700 ± 0.108	119.800 ± 2.489^{a}*
T2	3.390 ± 0.000	1.500 ± 0.271	104.900 ± 1.532^{b}
T3	3.390 ± 0.000	0.700 ± 0.068	109.000 ± 3.830^{b}
T4	3.460 ± 0.007	1.100 ± 0.041	66.600 ± 1.723^{g}
T5	3.390 ± 0.000	0.800 ± 0.054	105.700 ± 3.255^{b}
T6	3.410 ± 0.000	1.600 ± 0.000	101.600 ± 1.915^{c}
T7	3.480 ± 0.007	1.000 ± 0.071	76.300 ± 2.298^{f}
T8	3.480 ± 0.007	3.500 ± 0.212	96.100 ± 1.915^{d}
T9	3.300 ± 0.014	2.800 ± 0.707	83.900 ± 0.718^{e}
T10	3.330 ± 0.007	2.900 ± 0.071	78.500 ± 0.718^{f}
T11	3.360 ± 0.000	1.200 ± 0.000	80.200 ± 2.011^{e}
T12	3.480 ± 0.007	0.900 ± 0.071	60.800 ± 2.585^{e}

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