

Table S3. Evaluation of the phosphorus solubilizing effect of PSB combinations.

Combinations	Phosphorus soluble content(mg/L)	Combinations	Phosphorus soluble content(mg/L)
A	267.38±8.01	BCE	427.46±5.35
B	499.58±10.55	BCF	465.31±5.35
C	515.31±2.86	BDE	399.85±24.89
D	478.45±5.23	BDF	481.28±4.94
E	136.76±26.45	BEF	398.82±2.37
F	318.77±17.17	CDE	476.34±2.32
AB	499.34±18.12	CDF	479.97±4.61
AC	522.03±86.71	CEF	464.63±10.66
AD	325.37±7.75	EDF	394.05±9.67
AE	514.95±8.94*	ABCD	494.76±11.95
AF	536.56±12.08*	ABCE	479.52±15.84
BC	522.51±14.37	ABCF	396.76±51.14
BD	449.51±12.45	ABDE	450.42±39.38
BE	425.02±8.77	ABDF	495.97±6.87
BF	500.42±9.92	ABEF	498.39±4.09
CD	476.77±9.04	ACDE	476.86±14.95
CE	477.49±7.28	ACDF	432.45±33.47
CF	525.75±10.81	ACEF	465.12±28.92
DE	358.15±40.97	ADEF	429.73±44.10
DF	513.03±5.68	BCDE	475.28±39.94
EF	311.93±30.39	BCDF	482.06±31.73
ABC	479.06±2.19	BCEF	445.88±27.77
ABD	437.24±24.10	BDEF	468.51±4.20
ABE	434.06±11.93	CDEF	323.45±32.20
ABF	509.75±9.55	ABCDE	484.96±15.90
ACD	465.20±1.60	ABCDF	470.56±45.18
ACE	481.45±7.20	ABCEF	463.31±3.29
ACF	505.43±8.47	ABDEF	473.47±21.44
ADE	416.21±12.09	ACDEF	488.83±9.44
ADF	491.34±5.73	BCDEF	471.17±2.65
AEF	501.68±5.43*	ABCDEF	505.53±8.39
BCD	450.54±5.39	— —	— —

Note: A: *L. amnigena* 1-1; B: *K. intermedia* 1-2; C: *P. tolaasii* 1-6; D: *B. cepacian* 2-5; E: *P. frederiksbergensis* 2-11; F: *P. rhodesiae* 2-47. Different letters represent combinations of different strains. * indicates significant difference between the combinations and the corresponding single strains at 0.05 levels.