

Table 2 Screening of selected isolates for their multifarious plant growth promoting traits

Isolates	P-Solubilisation Index (PSI)	P -solubilisation efficiency (%)	N-fixation	IAA production ($\mu\text{g ml}^{-1}$)	ACC-deaminase activity	Siderophore production efficiency (%)	HCN production
BHAR4	1.92 ^{abc}	92.31(80.40) ^{abc}	+	22.33 ^{cd}	+	81.62 (64.67) ^{abcde}	+
BHA22	1.27 ^h	26.74(30.98) ^h	+	25.67 ^b	+	0.00(0.00)	-
BAJ16	1.59 ^{defg}	58.54(50.08) ^{defgh}	+	24.67 ^{bc}	+	86.67(76.89) ^a	-
PAT9	1.73 ^{abcdef}	72.94(59.17) ^{bcdefg}	+	0.00	+	74.90(60.32) ^{abcdefg}	-
PAT13	1.34 ^h	34.34(35.86) ^h	+	0.00	-	79.80(63.42) ^{abcdef}	-
SARA9	1.83 ^{abcd}	82.74(69.98) ^{abcd}	+	31.33 ^a	+	28.97(32.51) ^h	-
THE17	1.81 ^{abcde}	81.27(64.66) ^{abcde}	+	0.00	-	49.21(44.47) ^{fgh}	-
THE18	1.46 ^{gh}	45.71(41.00) ^{gh}	+	13.00 ^g	+	85.71(76.34) ^{ab}	-
JHA6	1.95 ^a	94.87(82.27) ^{ab}	+	21.00 ^{def}	+	78.27(66.98) ^{abc}	+
JHA8	1.30 ^h	30.16(33.28) ^h	+	0.00	+	0.00(0.00)	+
ROH6	1.81 ^{abcde}	81.06(64.23) ^{abcdef}	+	21.33 ^{de}	+	37.82(37.92) ^h	-
ROH14	1.93 ^{ab}	93.17(77.66) ^{abc}	+	23.67 ^{bcd}	+	84.44(66.84) ^{abcd}	-
CD _{0.05}	0.28	27.78(21.77)	-	2.06	-	21.97(19.97)	-

Note: * Number followed by same letters within a column was not significantly different but statistically significant over other treatment combinations based on CD_{0.05}. Figure in parenthesis () are sin-arc transformed values