Table S3 Soil physicochemical properties associated with the presence of *B. thailandensis* expressing *B. pseudomallei*-like capsular polysaccharide (BTCV) in univariable logistic regression models

Soil physicochemical characteristics	Rice fields positive for BTCV[1] (n=11)	Rice fields negative for BTCV[1] (n=50)	Crude odds ratio (95% confidence interval)	p value
Physical factors				
• Sand (%)	14.7 (9.8-42.1)	15.1 (4.3-81.0)	0.97 (0.93-1.02)	0.22
• Silt (%)	32.3 (29.3-56.3)	34.6 (9.7-57.2)	1.03 (0.98-1.09)	0.27
• Clay (%)	45.5 (27.3-58.6)	45.6 (7.3-57.6)	1.02 (0.97-1.08)	0.41
• Moisture (%w/w)	15.4 (10.4-19.5)	12.9 (2.5-0.0)	1.05 (0.94-1.18)	0.35
Acidity and salinity factors				
• pH	6.6 (5.1-7.8)	6.7 (4.9-8.1)	0.67 (0.29-1.57)	0.35
• Electrical conductivity (dS/m)	0.2 (0.1-1.5)	0.4 (0.0-1.4)	0.71 (0.11-4.76)	0.72
• Lime requirement (kg/100sqm)	7.6 (5.8-22.5)	6.0 (0.0-30.0)	1.05 (0.97-1.14)	0.22
Chemical factors				
• Total nitrogen (mg/kg)	792.0 (330-2,442)	599.9 (175-1,601)	1.02 (1.00-1.03)[2]	0.04
• Available phosphorous (mg/kg)	12.2 (4-28)	6.1 (0.2-38)	1.95 (0.95-4.00)[2]	0.07
• Exchangeable potassium (mg/kg)	57 (31.7-114.8)	58 (10.5-252)	0.93 (0.79-1.10)[2]	0.41
• Exchangeable calcium (mg/kg)	841 (696-1,680)	822 (272-4,326)	0.99 (0.98-1.00)[2]	0.28
• Available magnesium (mg/kg)	193 (123-292)	174 (44-823)	0.98 (0.94-1.03)[2]	0.42
• Extractable sulphur (mg/kg)	18 (4.3-75)	18 (0-114)	1.01 (0.78-1.31)[2]	0.95
• Exchangeable sodium (mg/kg)	144 (108-241)	151 (88.5-241)	1.02 (0.85-1.22)[2]	0.83
• Total iron (Fe; g/kg)	3 (0.4-5.9)	2.8 (0.1-9.6)	0.97 (0.71-1.33)	0.85
• Total cadmium				
o not detected	6 fields (55%)	30 fields (60%)	1.0	
o detected	5 fields (45%)	20 fields (40%)	1.25 (0.34-4.65)	0.74
• Cation exchange capacity (cmol/mg)	4.7 (0.6-21.9)	13 (2-48)	0.92 (0.85-1.00)	0.05
Biological related factors				
• Organic matter (%w/w)	0.8 (0.3-1.5)	0.9 (0.2-2.8)	0.47 (0.13-1.61)	0.23
• Carbon to nitrogen ratio	5.6 (2.0-11.7)	9.1 (2.3-42.6)	0.81 (0.65-1.00)	0.05

[1] Median (range) unless otherwise specified.

[2] Odds ratio for an increase of 100 mg/kg in nutrient.