表八、種子披衣處理添加機能性物質對結球白菜種子發芽及生育之影響

Table 8. The effect of coating treatment with different functional materials on the seed germination rate and growth of Chinese cabbage.

處理	發芽率[y] (%)	田間萌芽率[x] (%)	鮮重 (g)	乾重 (g)	莖長 (cm)	莖徑 (mm)
溶磷菌	27 [c z]	93 [ab]	0.55 [c]	0.06 [bc]	0.7 [e]	1.7 [b]
木黴菌	17 [d]	87 [b]	1.19 [a]	0.10 [a]	1.5 [a]	2.2 [a]
蘇力菌	91 [b]	79 [c]	1.08 [a]	0.08 [ab]	1.1 [c]	2.4 [a]
甲殼素	99 [a]	98 [a]	1.07 [a]	0.08 [ab]	1.3 [b]	2.3 [a]
海草粉	3 [e]	98 [a]	0.52 [c]	0.06 [bc]	0.9 [d]	1.8 [b]
竹碳粉	98 [a]	94 [ab]	0.83 [b]	0.09 [ab]	1.0 [d]	2.3 [a]
苦茶粕	5 [e]	75 [c]	0.35 [d]	0.06 [bc]	0.6 [e]	1.4 [c]
未添加	99 [a]	92 [ab]	0.45 [cd]	0.05 [c]	0.7 [e]	1.9 [b]
對照組	100 [a]	99 [a]	0.49 [c]	0.05 [c]	0.9 [d]	1.8 [b]

[Z]: Means within the same letters in a column are not significantly different by Duncan's test at 5% level.

[y]: Germination rate for 10 days by Top of Paper method with 100 seeds, 4 replicaton.

[x]: Germination rate for 14 days by sowing in plus with 64 seeds, 4 replication.

表九、種子披衣處理添加機能性物質對甘藍種子發芽及生育之影響

Table 9. The effect of coating treatment with different functional materials on the seed germination rate and growth of cabbage.

處理	發芽率[y] (%)	田間萌芽率[x] (%)	鮮重 (g)	乾重 (g)	莖長 (cm)	莖徑 (mm)
溶磷菌	42 [e z]	95 [ab]	0.84 [b]	0.11 [abc]	5.7 [c]	1.4 [cd]
木黴菌	86 [c]	94 [ab]	0.69 [c]	0.10 [bcd]	5.5 [c]	1.6 [ab]
蘇力菌	89 [b]	92 [b]	0.84 [b]	0.10 [bcd]	5.6 [c]	1.5 [bcd]
甲殼素	100 [a]	97 [ab]	1.06 [a]	0.13 [a]	6.7 [ab]	1.8 [a]
海草粉	26 [f]	98 [a]	1.07 [a]	0.12 [ab]	7.3 [a]	1.8 [a]
竹碳粉	85 [c]	99 [a]	0.60 [c]	0.10 [bcd]	4.7 [d]	1.3 [d]
苦茶粕	62 [d]	20 [c]	0.60 [c]	0.09 [d]	4.5 [d]	1.6 [ab]
未添加	100 [a]	95 [ab]	0.87 [b]	0.12 [ab]	6.4 [b]	1.3 [d]
對照組	100 [a]	99 [a]	0.45 [d]	0.08 [d]	4.3 [d]	0.9 [e]

[Z]: Means within the same letters in a column are not significantly different by Duncan's test at 5% level.

[y]: Germination rate for 10 days by Top of Paper method with 100 seeds, 4 replicaton.

[x]: Germination rate for 14 days by sowing in plus with 64 seeds, 4 replication.

表十、種子披衣處理添加機能性物質對青花菜種子發芽及生育之影響

Table 10. The effect of coating treatment with different functional materials on the seed germination rate and growth of broccoli.

處理	發芽率[y] (%)	田間萌芽率[x] (%)	鮮重 (g)	乾重 (g)	莖長 (cm)	莖徑 (mm)
溶磷菌	10 [cz]	79 [abc]	0.64 [a]	0.08 [ab]	5.2 [a]	1.9 [a]
木黴菌	6 [c]	59 [d]	0.65 [a]	0.08 [ab]	4.2 [c]	1.7 [bc]
蘇力菌	59 [b]	76 [abc]	0.65 [a]	0.10 [a]	5.1 [a]	1.8 [ab]
甲殼素	83 [a]	82 [ab]	0.35 [c]	0.05 [d]	3.8 [d]	1.6 [bcd]
海草粉	6 [c]	80 [abc]	0.40 [bc]	0.06 [cd]	3.5 [d]	1.6 [bcd]
竹碳粉	59 [b]	71 [c]	0.45 [b]	0.07 [bc]	3.7 [d]	1.8 [ab]
苦茶粕	55 [b]	72 [bc]	0.47 [b]	0.06 [cd]	4.7 [b]	1.5 [d]
未添加	86 [a]	85 [a]	0.38 [bc]	0.06 [cd]	3.7 [d]	1.7 [bc]
對照組	79 [a]	86 [a]	0.39 [bc]	0.07 [bc]	3.6 [d]	1.8 [ab]

[Z]: Means within the same letters in a column are not significantly different by Duncan's test at 5% level.

[y]: Germination rate for 10 days by Top of Paper method with 100 seeds, 4 replicaton.

[x]: Germination rate for 14 days by sowing in plus with 64 seeds, 4 replication.

表十一、種子披衣處理添加機能性物質對花椰菜種子發芽及生育之影響

Table 11. The effect of coating treatment with different functional materials on the seed germination rate and growth of cauliflower.

處理	發芽率[y] (%)	田間萌芽率[x] (%)	鮮重 (g)	乾重 (g)	莖長 (cm)	莖徑 (mm)
溶磷菌	79 [b]	94 [a]	0.51 [cd]	0.07 [ab]	4.6 [bc]	1.6 [d]
木黴菌	76 [b]	74 [c]	0.61 [bc]	0.08 [ab]	3.9 [de]	1.9 [ab]
蘇力菌	88 [ab]	83 [b]	0.74 [a]	0.09 [a]	5.6 [a]	2.1 [a]
甲殼素	93 [a]	89 [ab]	0.49 [cde]	0.07 [ab]	4.2 [cd]	1.7 [cd]
海草粉	13 [d]	96 [a]	0.37 [e]	0.06 [b]	3.4 [f]	1.6 [d]
竹碳粉	89 [ab]	92 [a]	0.43 [de]	0.07 [ab]	3.8 [de]	2.0 [ab]
苦茶粕	57 [c]	84 [b]	0.72 [ab]	0.07 [ab]	4.7 [b]	1.9 [ab]
未添加	95 [a]	96 [a]	0.55 [cd]	0.07 [ab]	5.8 [a]	1.8 [bc]
對照組	98 [a]	95 [a]	0.43 [de]	0.07 [ab]	3.6 [ef]	1.5 [d]

[Z]: Means within the same letters in a column are not significantly different by Duncan's test at 5% level.

[y]: Germination rate for 10 days by Top of Paper method with 100 seeds, 4 replicaton.

[x]: Germination rate for 14 days by sowing in plus with 64 seeds, 4 replication.