**Supplementary Material.**

**Table S1.** Locations and their geographic coordinates and altitude from which *Trichoderma* samples were obtained.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Department*a*** | **Location** | **Ecological region*b*** | **Altitude (m.a.s.l.)** | **Latitude** | **Longitude** |
| Potosí | Lequezana | Altiplano | 3266 | 19° 35’ 52S | 65° 18’ 16W |
| Potosí | Toro-toro | Highland | 2676 | 18° 10’ 60S | 65° 43’ 0W |
| La Paz | Cariquina | Altiplano | 3663 | 16° 58' 0S | 68° 49’ 0W |
| La Paz | Pumani | Altiplano | 3958 | 17° 5’ 16S | 67° 59’ 53W |
| Cochabamba | Anzaldo | Highland | 3068 | 17° 49’ 60S | 65° 55’ 0W |
| Cochabamba | Morochata | Highland | 3324 | 17° 52’ 0S | 65° 49’ 0W |
| Cochabamba | Colomi | Highland | 3360 | 17° 21’0S | 65° 52’0W |
| Chuquisaca | Yamparaes | Highland | 3072 | 19° 11’ 22S | 65° 7’ 15W |
| Oruro | Challapata | Altiplano | 3836 | 18° 54’ 8S | 66° 46’ 14W |

***a*** Department is the biggest political and administrative division of Bolivian territory.

***b*** Highland refers to mountains or mountain valleys. Altiplano refers to a high plateau enclosed between the Western and Eastern Cordillera of the Andes.

m.a.s.l., meters above sea level

**Table S2.** Composition of Inkafert Azul, an organic-mineral fertilizer manufactured by Inkafert Co., Peru.

|  |  |  |
| --- | --- | --- |
| **Component** | **Formula** | **Component Percentage** |
| nitrogen | Urea, (NH4)2SO4 | 12 |
| phosphorus | (NH4)2HPO4 | 12 |
| potassium | K2SO4, KCl | 17 |
| calcium | Ca(NO3)2 | 1 |
| magnesium | MgSO4 | 1 |
| sulfur | sulfates | 5 |
| minor elements | various | 6 |
| organic component | - | 20 |
| others | - | 26 |