

Supplementary files

# The Microbiological Activity of Soil in Response to Gliotoxin, the “Lethal Principle” of *Trichoderma*

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Figure S1. The experimental microcosms. All soil samples were then homogenized by mixing thoroughly for 5 minutes to ensure uniform distribution of GT and water (a). The water-holding capacity of the soils was adjusted to 60%. Containers with GT-treated soils were placed at a depth of 0–5 cm in the agrocenosis (where the soil was initially collected) (b, c). Soil samples were collected from each microcosm after 7, 14, 28, and 56 days of incubation.

Table S1. Meteorological conditions for the summer period of 2023.

Month	Decade	Precipitation, mm	Average daily air temperature, °C	Sum of effective temperatures >50 °C
April	I	0.0	4.0	11
	II	4.3	0.1	11
	III	7.7	10.6	68
	In a month	12.0	4.9	
May	I	0.1	12.9	14.7
	II	-	11.2	209
	III	1.5	20.2	376
	In a month	1.6	15.0	
June	I	2.8	21.8	544
	II	56.3	13.7	631
	III	27.0	13.9	720
	In a month	86.1	16.5	
July	I	0.4	24.3	913
	II	57.8	21.7	1080
	III	1.6	20.3	1249
	In a month	53.8	22.0	
August	I	3.2	20.9	1408
	II	-	18.0	1538
	III	16.3	11.7	1612
	In a month	19.5	16.7	
September	I	6.1	12.2	1684
	II	0.7	13.3	1767
	III	3.3	11.8	1835
	In a month	10.1	12.4	