

1 Supplementary Table 1. Residue dynamics of DP in leaves at different time after spraying DP

Time (after spraying)	Residue (ng/g)
2h	1.162
1d	0.843
3d	0.405
5d	0.229
7d	0.0501
12d	0.00193

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5 Supplementary Table 2. Inhibiting effects of DP on conidia germination and mycelium growth of *T. harzianum*
6 SH2303 and *C. heterostrophus*

The concentration of DP (ng/g)	Inhibition rate of conidia germination (%)		Inhibition rate of mycelium growth (%)	
	<i>T. harzianum</i> SH2303	<i>C. heterostrophus</i>	<i>T. harzianum</i> SH2303	<i>C. heterostrophus</i>
1.162	60.35	83.52	49.47	67.95
0.843	56.2	78.57	42.1	53.29
0.405	34.56	41.1	27.37	33.3
0.229	16.12	18.52	20	20
0.0501	1.37	2.71	0	0
0.00193	0	0	0	0

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