

## Supplementary Data

### *In vitro* and *in vivo* antifungal activity of plant extracts against common phytopathogenic fungi

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**Table S1.** Dry biomass production of homogenized *Fusarium oxysporum* inoculum with the addition of 500  $\mu$ L of plant extract or blank solution to each 25 mL of PDB medium. Due to limited capacity of shaking incubators, three series of samples were incubated. Each series is compared to its own blank sample. Values are expressed as dry weight in mg/mL. Outliers of replicate data were identified using interquartile range and marked with an asterisk (\*).

Replicate	Blank	<i>Sonchus arvensis</i>	<i>Tanacetum vulgare</i>	<i>Chrysanthemum coccineum</i>
1	3.340	2.232	2.164	2.732 *
2	3.492	2.532	2.524	2.520
3	3.536	2.268	2.172	2.496
4	N/A	2.456	2.480	2.552
5	N/A	N/A	2.344	2.508
Replicate	Blank	<i>Fallopia japonica</i>	<i>Taraxacum officinale</i>	<i>C. coccineum</i> flowers
1	3.440	2.308 *	2.700	2.428 *
2	3.424	1.920	2.660	2.552
3	3.304	2.012	2.524	2.596
4	N/A	1.836	2.920	2.628
5	N/A	1.920	N/A	2.548
Replicate	Blank	<i>Anacyclus pyrethrum</i>	<i>Taraxacum kok-saghyz</i>	<i>Artemisia vulgaris</i>
1	3.032	2.312	2.048 *	2.480
2	2.924	2.236	2.392	1.284
3	3.268	2.260	2.432	1.940
4	N/A	2.324	2.392	2.424
5	N/A	2.304	N/A	1.484

**Table S2.** Dry biomass production of homogenized *Botrytis cinerea* inoculum with the addition of 500  $\mu$ L of plant extract or blank solution to each 25 mL of PDB medium. Due to limited capacity of shaking incubators, three series of samples were incubated. Each series is compared to its own blank sample. Values are expressed as dry weight in mg/mL. Outliers of replicate data were identified using interquartile range and marked with an asterisk (\*).

Replicate	Blank	<i>Sonchus arvensis</i>	<i>Tanacetum vulgare</i>	<i>Chrysanthemum coccineum</i>
1	3.104	2.700 *	2.760	2.460
2	3.352	2.360	2.484	2.560
3	3.228	2.308	2.516	2.624
4	N/A	2.480	2.236	2.432
5	N/A	2.480	2.272	4.744 *
Replicate	Blank	<i>Fallopia japonica</i>	<i>Taraxacum officinale</i>	<i>C. coccineum</i> flowers
1	3.280	1.504	2.492	2.628
2	3.180	1.552	2.532	2.396
3	3.384	1.468	2.436	2.504
4	N/A	1.544	N/A	2.568
5	N/A	1.372	N/A	2.416
Replicate	Blank	<i>Anacyclus pyrethrum</i>	<i>Taraxacum kok-saghyz</i>	<i>Artemisia vulgaris</i>
1	2.936	2.316	2.552	2.528
2	2.968	2.284	2.428	2.460
3	3.252	2.176	3.092	2.300
4	N/A	2.768	2.924	2.216
5	N/A	2.828	2.860	-0,728 *

**Table S3.** Dry biomass production of homogenized *Rhizoctonia solani* inoculum with the addition of 500  $\mu$ L of plant extract or blank solution to each 25 mL of PDB medium. Due to limited capacity of shaking incubators, three series of samples were incubated. Each series is compared to its own blank sample. Values are expressed as dry weight in mg/mL. Outliers of replicate data were identified using interquartile range and marked with an asterisk (\*).

Replicate	Blank	<i>Sonchus arvensis</i>	<i>Tanacetum vulgare</i>	<i>Chrysanthemum coccineum</i>
1	2.648	2.136 *	-0,356 *	1.656
2	2.880	1.296	2.232	2.048
3	2.796	1.320	2.216	1.752
4	N/A	1.272	1.960	2.108
5	N/A	1.516	2.124	1.708
Replicate	Blank	<i>Fallopia japonica</i>	<i>Taraxacum officinale</i>	<i>C. coccineum</i> flowers
1	3.208	1.592	1.516	2.476
2	0.476 *	0.316	2.428	2.540
3	3.164	1.304	2.476	2.516
4	N/A	1.016	2.404	2.628
5	N/A	0.308	-0.212 *	0.420 *
Replicate	Blank	<i>Anacyclus pyrethrum</i>	<i>Taraxacum kok-saghyz</i>	<i>Artemisia vulgaris</i>
1	4.208	1.568 *	3.312	0.920
2	3.528	2.900	2.928	1.096
3	3.820	2.828	3.224	1.112
4	N/A	2.804	3.332	1.220
5	N/A	2.884	1.772 *	0.108 *

**Table S4.** Dry biomass production of homogenized *Sclerotinia minor* inoculum with the addition of 500  $\mu$ L of plant extract or blank solution to each 25 mL of PDB medium. Due to limited capacity of shaking incubators, three series of samples were incubated. Each series is compared to its own blank sample. Values are expressed as dry weight in mg/mL. Outliers of replicate data were identified using interquartile range and marked with an asterisk (\*).

Replicate	Blank	<i>Sonchus arvensis</i>	<i>Tanacetum vulgare</i>	<i>Chrysanthemum coccineum</i>
1	3.428	2.564	2.596	2.496
2	3.304	2.436	2.544	2.540
3	3.812	2.524	2.464	2.604
4	N/A	2.592	2.508	2.600
5	N/A	2.108 *	2.548	2.816 *
Replicate	Blank	<i>Fallopia japonica</i>	<i>Taraxacum officinale</i>	<i>C. coccineum</i> flowers
1	3.724	0.708	0.932	1.916
2	3.524	1.264	0.124	2.900
3	0.380 *	0.972	2.728	2.940
4	N/A	1.396	2.568	2.948
5	N/A	1.304	2.588	0.860
Replicate	Blank	<i>Anacyclus pyrethrum</i>	<i>Taraxacum kok-saghyz</i>	<i>Artemisia vulgaris</i>
1	4.004	3.004	3.244	1.340
2	3.464	2.932	1.124	0.780
3	4.088	2.744	3.032	1.236
4	N/A	3.192	0.720	0.992
5	N/A	2.760	2.100	1.248