

Investigation of the Allelopathic Effect of Two Invasive Plant Species in Rhizotron System

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Supplementary Materials



Figure S1. Growing conditions for 14 days in the rhizotrons. The rhizotrons were placed at an approximate tilt of 120°-130° to allow the roots of the test plants to grow along the transparent walls, ensuring their visibility and measurability.

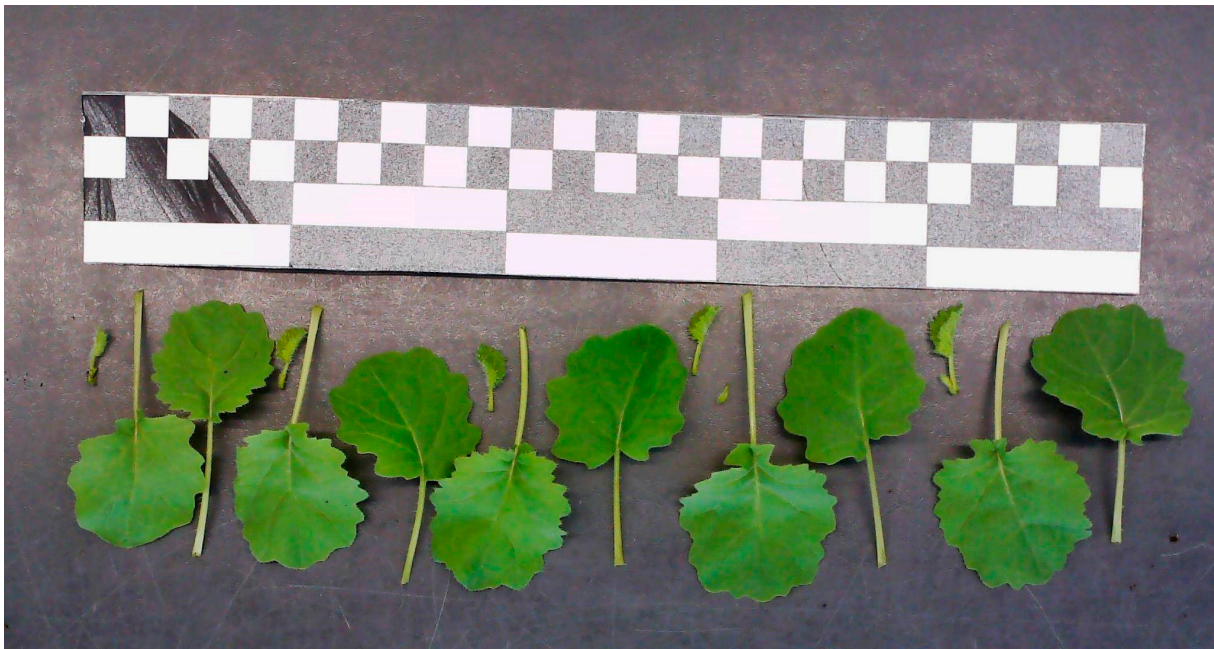


Figure S2. To measure the number and area of the leaves, they were scanned (the leaves of the control plants are visible in the image).

Table S1. The values of the significant differences of shoot parameters.

Shoot length	<i>p</i> value
Control vs. False indigo-bush 5%	0.0003
False indigo-bush 0.5% vs. False indigo-bush 5%	0.0226
False indigo-bush 5% vs. Common milkweed 0.5%	0.0008
False indigo-bush 5% vs. Common milkweed 1%	0.0053
Leaf number	
Control vs. False indigo-bush 5%	< 0.0001
Control vs. Common milkweed 5%	0.0179
False indigo-bush 0.5% vs. False indigo 5%	< 0.0001
False indigo-bush 1% vs. False indigo 5%	0.0002
False indigo-bush 5% vs. Common milkweed 0.5%	< 0.0001
False indigo-bush 5% vs. Common milkweed 1%	0.0003
False indigo-bush 0.5% vs. Common milkweed 5%	0.0283
Leaf area	
False indigo-bush 5% vs. All treatments	< 0.0001

Table S2. The values of the significant differences of root parameters.

Primary root length	<i>p</i> value
Control vs. False indigo-bush 5%	0.0006
Control vs. Common milkweed 5%	0.006
False indigo-bush 0.5% vs. False indigo-bush 5%	0.0009
False indigo-bush 1% vs. False indigo-bush 5%	< 0.0001
False indigo-bush 5% vs. Common milkweed 0.5%	0.0072
False indigo-bush 0.5% vs. Common milkweed 5%	0.006
False indigo-bush 1% vs. Common milkweed 5%	0.0005
Common milkweed 5% vs. Common milkweed 0.5%	0.0418
Lateral root number	
Control vs. False indigo-bush 5%	0.012
Control vs. Common milkweed 5%	0.0012
False indigo-bush 5% vs. False indigo-bush 0.5%	< 0.0001
False indigo-bush 5% vs. Common milkweed 0.5%	0.0282
False indigo-bush 0.5% vs. Common milkweed 5%	< 0.0001
False indigo-bush 1% vs. Common milkweed 5%	0.0092
Common milkweed 5% vs. Common milkweed 0.5%	0.0044
Lateral root density	
False indigo-bush 0.5% vs. Common milkweed 5%	0.0033