

Supplementary Table S1. Confirmation of fungi applied via foliar or seed of *Urochloa ruziziensis* isolated from nymphs feeding on these plants in the field or greenhouse, and from plant tissue after infestation. GenBank accessions of the sequences.

Fungi applied ^{*1}	Isolate Habitat/Host	Molecular analyses	GenBank
<i>Fusarium multiceps</i>	Nymphs from the field	<i>Fusarium multiceps</i>	OR966865
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR975641
<i>Fusarium multiceps</i>		<i>Fusarium multiceps</i>	OR975647
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR975648
<i>Fusarium multiceps</i>	Nymphs from the Greenhouse	<i>Fusarium multiceps</i>	OR975642
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR975651
<i>Fusarium multiceps</i>		<i>Fusarium multiceps</i>	OR975643
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR975644
<i>Fusarium multiceps</i>	Leaf samples from plants inoculated via seed	<i>Fusarium multiceps</i>	OR966859
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR975646
<i>Fusarium multiceps</i>	Leaf samples from plants inoculated via foliar	<i>Fusarium multiceps</i>	OR966860
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR966861
<i>Fusarium multiceps</i>	Sap samples from plants inoculated via seed	<i>Fusarium multiceps</i>	OR966862
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR966863
<i>Fusarium multiceps</i>	Sap samples from plants inoculated via foliar	<i>Fusarium multiceps</i>	OR966864
<i>Metarhizium anisopliae</i>		<i>Metarhizium anisopliae</i> or <i>M. robertsii</i> ^{*2}	OR966866

^{*1}The fungi applied *Fusarium multiceps* UFMGCB 11443 (GenBank=ON831395) and *Metarhizium anisopliae* UFMGCB 11444 (GenBank=ON831396). ^{*2}ITS region does not allow these species to be distinguished.