

Materials List for:

Double-stranded RNA Oral Delivery Methods to Induce RNA Interference in Phloem and Plant-sap-feeding Hemipteran Insects

Saikat Kumar B. Ghosh¹, Wayne B. Hunter², Alexis L. Park¹, Dawn E. Gundersen-Rindal¹

¹Invasive Insect Biocontrol and Behavior Laboratory, Agricultural Research Service, United States Department of Agriculture

²Horticultural Research Laboratory, Agricultural Research Service, United States Department of Agriculture

Correspondence to: Dawn E. Gundersen-Rindal at Dawn.Gundersen-Rindal@ars.usda.gov

URL: <https://www.jove.com/video/57390>

DOI: [doi:10.3791/57390](https://doi.org/10.3791/57390)

Materials

Name	Company	Catalog Number	Comments
BMSB (H. halys) insects	USDA		
ACP (D. citri) insects	USDA		
organic green beans	N/A		
Citrus plants	USDA		
sodium hypochlorite solution	J.T. Baker		
green food coloring	McCormick & Co., Inc		
Thermo Forma chambers	Thermo Fisher Scientific		
Magenta vessel (Culture)	Sigma		
Primers	IDT DNA		
SensiMix SYBR	Bioline		
qPCR ABI 7500	Applied Biosystems		
Spray bottle	N/A		
Parafilm	American Can Company		
TaKaRa Ex Taq	Clontech		
QIAquick	Qiagen		