

Materials List for:

Monitoring Colony-level Effects of Sublethal Pesticide Exposure on Honey Bees

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URL: <https://www.jove.com/video/56355>

DOI: [doi:10.3791/56355](https://doi.org/10.3791/56355)

Materials

Name	Company	Catalog Number	Comments
Langstroth hive equipment (box)	Mann Lake Ltd, Hackensack, MN	KD-700	
Langstroth hive equipment (frame)	Mann Lake Ltd, Hackensack, MN	WW-900	
Langstroth hive equipment (lid and cover)	Mann Lake Ltd, Hackensack, MN	WW-302	
Langstroth hive equipment (base)	Mann Lake Ltd, Hackensack, MN	WW-316	
Langstroth hive equipment (internal feeder)	Mann Lake Ltd, Hackensack, MN	FD-505	
Cordovan Italian queens and bee packages	C.F. Koehnen & Sons, Glenn, CA		
Scale, bench (100 kg max. capacity): model B-2418	TEKFA, Copenhagen, Denmark	discontinued	
Scale, bench (100 kg max. capacity): Diamond Series	Avery Weigh-Tronix, Fairmont, MN	1824-200	
Imidacloprid, analytical-grade CAS # 138261-41-3	Sigma-Aldrich, St. Louis, MO 63103	37894	
Electronic scale, precision (precision = 0.1 mg): Adventurer Pro 260	Ohaus, Parsippany, NJ	AV264C	
Electronic scale, portable (15 kg max. cap.): Ranger Count 3000	Ohaus, Parsippany, NJ	RC31P15	
Thermocouple probe: TMC6-HD	Onset Computer Corp., Bourne, MA	TMC6-HD	
Datalogger, 12-bit: Hobo U-12	Onset Computer Corp., Bourne, MA	U12-012	
Temperature and r.h. datalogger: iButton Hygrochron	Baulkham Hills, NSW 2153, Australia	DS1923	
Temperature datalogger: iButton Thermochron	Baulkham Hills, NSW 2153, Australia	DS1922L	
Nalgene plastic bottle	Thermo Scientific, Rochester, NY	2104-0032	
Tissue embedding cassette	Thermo Fisher Scientific, Waltham, MA	B1000731WH	
Digital camera: Pentax K-01	Ricoh Imaging Co., Ltd.	15241	
ImageJ version 1.47 software	W. Rasband, National Institutes of Health, USA		
Centrifuge tubes, 50 ml	Fisher Scientific, Asheville, NC	14-959-49A	