FILE CODE	SB2M		
METHOD	ESTABLISHMENT OF TEST COLONY FROM NUCLEUS		
RECOMMENDED PERIODS	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec		
CONDITIONS	Late spring and early summer when newly mated queens are availablePresence of nectar and pollen flow		
REQUIRED MATERIALS & EQUIPMENT	 ✓ Strong and healthy donor colony ✓ Standard hive (single box) and frames with built comb and foundation ✓ Mated queen of known origin ✓ Food supply (honey and pollen frames or food supplement) 		
PROCEDURE			



1. Prepare the new hive and add frames with built combs and foundations. Leave free space for frames with bees, brood and food



3. Select frames with a minimum covering of 70% of bees, take care to not transfer the queen from the donor colony



2. Check the strength and health condition of the donor colony and select 3 frames with solid sealed brood and 2 frames with food (honey and pollen)



4. Transfer the frames to the new hive and add the queen in a cage closed with sugar fondant

PROCEDURE	5. If necessary add more bees to ensure that 70% of all frames will be covered with bees. Standardize the size of all colonies	6. If necessary add bee food (food supplement) to enhanced the start up of the nucleus	
NOTES & SUGGESTIONS	 Set up all test colonies on the same day If possible set up each test colony from a single donor colony If possible set up the test colonies from an apiary distanced more than 3 km from the testing station. If the test colony cannot be distanced from the donor colonies, add additional bees brushed off from two brood combs Ensure that queen cage is appropriately positioned to enable queen release by the bees Prevent colonies robbing each other by avoiding spillage of sugar solution and keeping flight entrances small 		
ADDITIONAL INFORMATION	 (Büchler <i>et al.</i>, 2013) Standard methods for estimating (Delaplane <i>et al.</i>, 2013) AGT Methodenhandbuch (www.toleranzzucht.de/zuch	VF Wissen und Medien gGmbH,	