

Different methods used to preserve flowers during cross-pollination

June 1st 2015

Contact	Institute	Hawaiian solution	Preservative used	Marcotting / airlayering / canisters	Comments
Felicity Atkin	SRA, Australia	Yes	SO_2	No	Alternatives have been experimented in the past but have yielded inferior results (including marcotting, KMS, reducing/eliminating volatilisation of SO_2 by paraffin wax over buckets, solution in tied bags etc)
Audrey Thong-Chane	eRcane, Reunion	Yes	SO_2	No	Previously experimented with both NaMS and KMS, and a biocide - flowers died during cross pollination and ones that survived had poor germination
Goolam Badaloo	MSIRI, Mauritius	Yes	KMS (to derive SO_2)	Yes (females only)	
Anna Hale	USDA, Houma, Louisiana, USA	No	N/A	Yes	
Per McCord	USDA, Canal Point, Florida, USA	No?	N/A	Yes	
Daniel Uchino	CHACRA, Argentina	No	N/A	Yes	
Collins Kimbeng	LSU, Louisiana, USA	No	N/A	Yes	
Anthony Kennedy	Barbados	Yes	KMS (to derive SO_2)	No	KMS used exclusively since 2002; get equal if not better seedling germinations using KMS than SO_2; also experimented with NaMS but was too unstable
Shin Irei	Japan	Yes	SO_2	No	Has tried alternatives previously but still using SO_2
Aruna Wijesuriya	SRI, Sri Lanka	Yes	SO_2	Yes (females only)	
Mike Butterfield	CanaVialis, Brazil	Yes	SO_2	No	Has not experimented with alternatives




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