**Seed Conservation Training 101**

**Registration and Needs Assessment Form**

**Course: Motueka, 18-19 May**

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| **Your Details** | | | | |
| **Title (Mr/Mrs/Miss/Ms/Dr/other)** | |  | | |
| **Ingoa Whānau** **(Last Name)** | |  | | |
| **Ingoa Tuatahi** **(First Name)** | |  | | |
| **Preferred name** | |  | | |
| **Preferred pronouns** | |  | | |
| **Īmēra (Email)** | |  | | |
| **Waea (Phone)** | |  | | |
| **Whakapapa (Iwi, Hapū, whānau)** | |  | | |
| **Your Mahi** | | | | |
| **What do you do for paid mahi?** | |  | | |
| **What do you do as volunteer mahi?** | |  | | |
| **Seed Training Experience** | | | | |
| **Have you received any seed training before?** | | | | **Yes / No** |
| **If yes, please list it here:** | | | | |
| **Date/Year** | **Institution/Organisation** | | **Name of course** | |
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| **Relevance of training to your work** |
| **What training needs do you have, or what would you most like to learn?** |
| **How will this be of benefit to your current mahi (paid or volunteer)?** |

**The purpose of this form is to gather information on what content you would like a training course in seed conservation techniques to cover. Please use the following pages to indicate which topics proposed would be of most importance to you, and what knowledge/skills you already have.**

**This will enable us to ensure we include you in the right course, and or include you in upcoming courses.**

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| **Course content:** | **I will be doing this as part of my mahi** | | **This is a priority training need for me** | **Please select one box to indicate knowledge/skill level:** | | | |
| **I have no experience or knowledge** | **I have some experience or knowledge** | **I can do this independently** | **I could train others on this** |
| Herbarium voucher collection |  |  | |  |  |  |  |
| Species prioritisation |  |  | |  |  |  |  |
| Population targeting |  |  | |  |  |  |  |
| Population assessment |  |  | |  |  |  |  |
| Sampling strategy |  |  | |  |  |  |  |
| Seed collecting |  |  | |  |  |  |  |
| Using field data forms |  |  | |  |  |  |  |
| Collection planning |  |  | |  |  |  |  |
| Understanding legal frameworks |  |  | |  |  |  |  |
| Seed drying |  |  | |  |  |  |  |
| Measuring seed moisture status |  |  | |  |  |  |  |
| Banking seeds |  |  | |  |  |  |  |
| Seed cleaning |  |  | |  |  |  |  |
| Seed viability testing using germination tests |  |  | |  |  |  |  |
| Cut-testing and seed dissection |  |  | |  |  |  |  |
| Seed storage |  |  | |  |  |  |  |
| Assessing seed quality using X-ray analysis |  |  | |  |  |  |  |
| Post-harvest handling in the field |  |  | |  |  |  |  |

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| **Course content (continued):** | **I will be doing this as part of my work/as part of the project** | **This is a priority training need for me** | **Please select one box to indicate knowledge/skill level:** | | | |
| **I have no experience or knowledge** | **I have some experience or knowledge** | **I can do this independently** | **I could train others on this** |
| Researching seed traits |  |  |  |  |  |  |
| Counting/calculating collection size |  |  |  |  |  |  |
| Seed storage behaviour |  |  |  |  |  |  |
| Seed – air moisture relations |  |  |  |  |  |  |
| Seed longevity |  |  |  |  |  |  |
| Seed germination and dormancy |  |  |  |  |  |  |
| Seed bank design and management |  |  |  |  |  |  |
| Shipping seeds and CITES considerations |  |  |  |  |  |  |
| Seed physiology |  |  |  |  |  |  |
| Input of accession data |  |  |  |  |  |  |
| Database management |  |  |  |  |  |  |
| BRAHMS databases http://herbaria.plants.ox.ac.uk/bol/ |  |  |  |  |  |  |
| Millenium Seed Bank data warehouse |  |  |  |  |  |  |

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| **Which of the following equipment does your organisation have and use? (please tick and/or comment)** | |
| **Drying equipment** | |
| Drying lab/walk in area at 15% RH |  |
| Air-conditioned room for drying |  |
| Maxi seed Kit from MSB (blue drums with silica gel) |  |
| Indicator Silica gel |  |
| Hygrometer |  |
| **Storage equipment** | |
| Freezers at -20°C |  |
| Walk–in Cold store/ room at -20°C |  |
| Cryo-preservation facilities |  |
| Foil storage bags |  |
| Heat sealer |  |
| Bag clips |  |
| Plastic storage jars |  |
| Glass storage jars |  |
| Other type of seed storage (please state what type) |  |
| **Processing equipment** | |
| Dust extraction hood |  |
| Sieve set (different sizes) |  |
| Rubber matting |  |
| Aspirator |  |
| X-ray |  |
| Microscopes |  |
| Dissection kit |  |
| Balance |  |
| **Data management** | |
| A seed bank database |  |
| [BRAHMS](http://herbaria.plants.ox.ac.uk/bol/) database |  |
| Shared data on the [MSBP data warehouse](http://brahmsonline.kew.org/msbp) |  |
| **Other relevant equipment (please comment)** |  |