**Walk-In Rooms / Reach-In Chambers**  Conviron / Thermo Fisher Units

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| **1. Client Details** |
| **Family Name** (Lab Leader, Supervisor): |  | **Given Name:** |  |
| **Title:** |  | **Email address:** |  |
| **Phone:** |  | **Mobile or Home:** |  | **Facsimile:** |  |
| **Organisation:** |  | **A.B.N.** |  |
| **Department:** |  |
| **Physical Address:** Street / Suburb / State / Post Code / Country |  |
| **Postal Address:** PO Box / Suburb / State / Post Code / Country |  |
| ***Alternative Contact Person:*** |  |
| ***Email address:*** |  |
| ***Phone:*** |  | ***Mobile:*** |  | ***Facsimile:*** |  |
| **2. Source of Funding** |
| **Source of funding for this project:** | (e.g. ARC, GRDC)  |
| **Please specify percentage of funding source:** | Research: %  | Commercial: % |
| **Brief description of grant:** |  |
| **Grant ID:** |  | **CI’s ORCID ID:** |  |
| **Collaborators on this project:** |  |
| **Industry relevance:**Brief description on how your research relates to industry (how does your research output impact on industry?) |  |
| **UoA Customers Only – Project Code:** | Bus.Unit | Account | Fund | Dept .Id. | Campus | Project Code |
| UNIAD  | 3011  |  |  |  |  |
| **3. Project description** |
| Brief description of experiment (experimental objective and need): |
| **4. Plant Maintenance (what are you growing / what are your needs regarding soil and pots?)** |
| **Who will grow the plants?** | Customer / Plant Accelerator Staff |
| **Plants / crop:** |  | **Variety:** |  |
| **Crop duration:** |  | **Flowering time:** |  |
| **Seed purity:** | tested  | not tested | good  | poor (seed cleaning required) |
| **Number of plants to be grown:** |  | **No. of plants/pot:** |  |
| **Number of seeds provided:** |  | **Age of seeds:** |  |
| **Condition in which seeds were stored:** |  |
| **% viability of your seeds?** |  | If value cannot be provided, the reason for this must be given and an estimate of the expected viability must be provided. |
| **Pots**: | 90x180mm (olive) | 100mm squat square | 125mm  | 150mm | 200mm | 250mm | 300mm | Seedling trays |
| **Soil** (please select)  | Cocopeat soil (PRC)  | UC Mix | Waikerie river sand | Peat/perlite mix for Arabidopsis |
| **Other soil** (please specify) |  |
| **Fertiliser:**  |  |
| **Fertilising schedule:**(time of application and frequency) |  |
| **Other requirements / additional information** (e.g. seed treatment, vernalisation, growth regulations, etc.) |
|  I understand that pest and disease control will be carried out as required (no omissions). |
| **5. Walk-In Room / Reach-In Chamber (what kind of room do you need?)** |
| **Duration:** |  | **Start date:** |  | **End date:** |  |
| **Type of room / chamber** (please see page 3 for details): | BDW80 – BDW120 – PGC20 – Shelf in MTPS |
| **Room / Chamber number** (if known): |  | **PC2?** | Yes / No |
| **6. Environmental Conditions – Please specify required settings** |
| Temperature, lighting, humidity and CO2 profiles can be pre-programmed (up to 48 time lines / settings per day can be selected). Please specify below or discuss with Richard Norrish (08 - 8313 0822).**Note:** The actual unit performance may differ from the programmed settings. For information on how to view growth room performance and the impact of light vs temperature settings, please visit our [website](http://www.plantphenomics.org.au/services/growthroom/). |
| **Temperature Settings** (specifications on page 3): * Max. Day Time Temperature:
* Min. Night Time Temperature:
* Day Length in Hours:
 |
| **Lighting** (specifications on page 3): * Max. Light Day:
* Day Length in Hours:
 |
| **Humidity** max. 80% (lights on) or 90%(lights off): |
| **CO2** (max.3,000 ppm): |
| **7. Plant Maintenance and Facility Access** |
| **Do you wish to do your own watering?**  | YES / NO (Additional costs apply for watering by Plant Accelerator staff) |
| **Will your plants be arranged in a particular order?** | No | Yes:  |
| **Keys required:** | Yes / No | **Other people who will need access to the greenhouse are:** |
| **Family Name** | **Given Name** | **Email** | **Phone** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| **Other requirements / additional information:**   |
| **8. Are the Plants/Seeds Genetically Modified?** | No (go to item 7.) | Yes (please fill in details below) |
| **Please tick as appropriate:** |
| 🞎 | **A.** | Our NLRD includes The Plant Accelerator (Cert.3062/2010) as a facility and I have attached a copy for your records. | OGTR Id: |  |
| 🞎 | **B.**  | The Accelerator (Cert.3062/2010) was not originally listed as an approved facility in our NLRD. I have attached a copy of a) our NLRD, **and** b) a letter stating that we have sought and gained approval from our Institutional Biosafety Committee (IBC) to have Cert. 3062 added to our existing NLRD. | OGTR Id: |  |
| 🞎 | **C.**  | The Accelerator (Cert.3062/2010) was not originally listed in our NLRD. I have attached a copy of a) the approval of our NLRD with the OGTR identifier on it, and b) a letter stating that we have sought and gained approval from our Institutional Biosafety Committee (IBC) to have Cert. 3062 added to our existing NLRD. | OGTR Id: |  |
|  I have attached copies of OGTR training of all users requiring access to the greenhouse as listed in item 5. |

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| **9. Do you require Plant Accelerator Staff to provide other services?** |
| Harvesting / threshing: |  |
| Post seeds to my address: |  |
| Seed weighing: |  |
| Seed counting: |  |
| Seed drying: |  |
| Seed storage at Plant Accelerator until: |  |
| Other services (please specify): |  |

**Please return the facility booking sheet by email to** helli.meinecke@adelaide.edu.au

**UNIT SPECIFICATIONS:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **TYPE OF ROOM** | **Type** | **Growth area in m2** | **Lighting μmol/ m2/s** | **Temperature lights OFF** | **Temperature lights ON** |
| **PC2 BDW80** | walk-in room | 7.5 | 220 (min)1,100 (max) | +4oC to +40oC | +10oC to +40oC |
| **PC2 BDW120** | walk-in room | 11.3 | 220 (min)1,100 (max) | +4oC to +44oC | +10oC to +44oC |
| **PC2 MTPS216** | **Long day** room | max 19.9 | min 55max 275 | +10oC to +40oC | +10oC to +35oC |
| **PC2** MTPS **Shelf** | **Long day** room | shelf (1.0) | as above | as above | as above |
| **PC2 MTPS216** | **Short day** room | max 19.9 | min 55max 275 | +10oC to +40oC | +10oC to +35oC |
| **PC2** MTPS **Shelf** | **Short day** room | shelf (1.0) | as above | as above | as above |
| **PC2 PGC20** | reach-in chamber | 1.8 | 220 (min)1,000 (max) | +4oC to +40oC | +10oC to +40oC |
| **Non-PC2** **BDW120** | walk-in room | 11.3 | 220 (min)1,100 (max) | +4oC to +44oC | +10oC to +44oC |
| **Non-PC2 PGC20** | reach-in chamber | 1.9 | 220 (min)1,000 (max) | +4oC to +40oC | +10oC to +40oC |
| **HUMIDITY:** | All units have additive humidity up to 80% (lights on) or 90% (lights off). |
| **CO2:** | Some units have additive CO2 up to 3,000 ppm. |
| **Cooling:** | All units have refrigerated cooling. |
| **Power:** | The walk-in rooms have 240 volt outlets. These are not programmable via the Central Management System; however, external timers may be used to turn equipment on/off as required. |

