

## Site Readiness, Terms & Conditions Checklist

The Plantae Conviron Seeding Discovery Competition aims to equip a successful university or college student with a high-performing plant growth chamber that will enable them to fulfill a meaningful research program in the field of plant sciences, biology, and biotechnology. Further, the competition provides students with the opportunity to define and submit a proposal for a study that aligns with personal and departmental objectives, work with faculty and administration on planning and logistics, and if successful, contribute to their institution's infrastructure with new research equipment.

Each student applicant must submit a research proposal that involves the use of a plant growth chamber. Proposals will be judged on their merit by an independent panel of plant scientists established and administered solely by the American Society of Plant Biologists (ASPB). The student with the proposal having the highest score is eligible to have a plant growth chamber provided by Conviron to their sponsoring institution pending completion of this *Site Readiness, Terms & Conditions Checklist*.

The plant growth chamber is intended for the primary use of the student to complete their proposed research program. The student's institution will retain permanent ownership of the plant growth chamber which may be used for other research following completion of the research proposed by the student. Neither ASPB or Conviron will seek any ownership of any intellectual property resulting from use of the equipment.

### The GEN1000 Plant Growth Chamber:

The plant growth chamber awarded will be a Conviron model GEN1000 configured from the factory with two shelves and fluorescent lighting. The GEN1000 is suitable for research in propagation, genetics, physiology and a variety of other experiments. The unit can be situated in virtually any lab environment, is easy to install, can fit through a standard door, and includes casters with leveling feet for ease of positioning. The GEN1000 provides:

- Approximately 20" (510 mm) of growth height, suitable for growing shorter plants like *Arabidopsis*
- Moderate fluorescent light of 450  $\mu\text{mol}/\text{m}^2/\text{sec}$
- Two fully-usable growth areas with separate lamp canopies
- Horizontal airflow with shelves that can be loaded to capacity without obstructing airflow



NOTE: See the full specifications by viewing the GEN1000 data sheet at [www.conviron.com/gen1000](http://www.conviron.com/gen1000). Chamber will be supplied without optional accessories.

**Checklist - Site Readiness, Terms & Conditions:**

Prior to award of the GEN1000, the successful student (hereafter referred to as the “Applicant”) must arrange to complete the following checklist in consultation with the relevant parties at their sponsoring institution (hereafter referred to as the “Site”).

Yes	No	Transportation	Contact
<input type="checkbox"/>	<input type="checkbox"/>	Site has space availability for a GEN1000. Dimensions can be found by downloading the data sheet at <a href="http://www.convirion.com/gen1000">www.convirion.com/gen1000</a>	Facilities Management
<input type="checkbox"/>	<input type="checkbox"/>	Site has a loading dock and/or forklift available for the delivery of the GEN1000.	
<input type="checkbox"/>	<input type="checkbox"/>	Transportation path from off-loading area to final location on Site has been investigated and in so doing, the Site has confirmed that the uncrated chamber will pass through the entire path unobstructed. Chamber is designed to pass through a standard 36” (915mm) wide 78” (1981 mm) tall door. Elevators within this path will need to have a minimum 900 pound capacity to accommodate the chamber.	
Yes	No	Lab Environment	Contact
<input type="checkbox"/>	<input type="checkbox"/>	Site has appropriate electrical service to the chamber location or Site will provide it during installation. Utility requirements for the GEN1000: 60Hz120-1Ø-60Hz-2 wire plus ground – 20 Amp service (NEMA 5-20).	Facilities Management
<input type="checkbox"/>	<input type="checkbox"/>	Chamber will have a combined condensate/drain pan runoff discharge. Site will be responsible to collect/convey condensate/liquid drainage from chamber to drain.	
<input type="checkbox"/>	<input type="checkbox"/>	GEN1000 will reject refrigeration heat directly into the ambient in which it is installed to a nominal maximum 8,000btu/hr. Site confirms that installation location can mitigate this anticipated heat load.	
<input type="checkbox"/>	<input type="checkbox"/>	The location in which the GEN1000 will be installed on Site will not exceed ambient temperature of +35°C and should be conditioned to a nominal maximum of 21°C.	
Yes	No	Other Terms & Conditions	Contact
<input type="checkbox"/>	<input type="checkbox"/>	The awarded GEN1000 will be for the primary use of the winning Applicant to perform the research outlined in their application until such time that the research, as defined by the Applicant’s proposal, is complete. Research will commence within 60 days of the GEN1000 arrival on Site.	Principal Investigator or Department Head
<input type="checkbox"/>	<input type="checkbox"/>	Once the GEN1000 is installed and functional on Site, the Applicant will share with ASPB/Convirion progress on their research until such time that their research, as stated in their application, has been completed. Format and timing of reporting will be determined with the Applicant to suit the nature of the research and the objectives of the competition. Following completion of the research program, the chamber may be used at the Site’s discretion indefinitely.	
<input type="checkbox"/>	<input type="checkbox"/>	Site grants Plantae/ASPB/Convirion permission for research objectives, methodologies and progress to be shared with Plantae/ASPB/Convirion and made public.	
<input type="checkbox"/>	<input type="checkbox"/>	Site grants Plantae/ASPB/Convirion permission for the use and public distribution of appropriate photographs/video of the chamber and/or researchers using the chamber. Applicant has obtained (or will obtain) any necessary photo/video releases from the relevant departments or individuals at Site that may be required, including but not limited to Legal, Administration, Marketing and Safety.	
<input type="checkbox"/>	<input type="checkbox"/>	The Site receiving the awarded chamber accepts Convirion’s standard warranty and terms and conditions of sale. A copy of both can be found at: <a href="http://www.convirion.com/warranty">http://www.convirion.com/warranty</a> <a href="http://www.convirion.com/terms-and-conditions-of-sale">http://www.convirion.com/terms-and-conditions-of-sale</a>	

**Signatories:**

I confirm that our Site meets the above stated readiness requirements and accepts all terms and conditions.

<b>Name of Student Applicant:</b>	
<b>Signature:</b>	
<b>Email:</b>	
<b>Date:</b>	

<b>Facility Manager:</b>	
<b>Title:</b>	
<b>Signature:</b>	
<b>Email:</b>	
<b>Date:</b>	

<b>*Student's Immediate Supervisor, PI or Department Head:</b>	
<b>Title:</b>	
<b>Signature:</b>	
<b>Email:</b>	
<b>Date:</b>	

\*or equivalent authorized individual