**PGF – LED Room experiment space request form**

Room 7 has been refitted to run LED growth lighting. Over the next six months it is available for experiments to be run to assess how your research may be affected by a switch to LED lighting. This is your opportunity to gather the information you need before this room goes into regular operation. Importantly, it will contribute to discussion about how to proceed with the PGF-LED lighting project.

|  |  |  |  |
| --- | --- | --- | --- |
| HoG/Group Name: |   |   |   |
| Person Responsible for Experiment (from your group) | Name |   |   |
|   | Email |   |   |
| Brief Experiment Description (e.g. 'Arabidopsis flowering time under LED') |
|   |   |   |   |
| Light Intensity Set Points |   |   | µmol m2 s-1 (PAR) |
| Light Intensity Variation during the Day? | Y / N  | Details: |   |
| Day:Night length hours |   |   |   |
| Temperature Set Point |   |   |  °C |
| Temperature Day:Night Variation? | Y / N  | Details: |   |
| Humidity Set Point |   |   | % |
| Humidity Day:Night Variation? | Y / N  | Details: |   |
| Standard Watering Regime (Daily) | Y / N  | Details: |   |
| Space required |   |  | trays |
| Tray/plant height considerations | Y / N  | Details: |   |
| Is unchanged room space required for a control experiment? | Y / N  | Details: |   |
| Approximate Duration of Experiment |   |   | weeks |
| Preferred start date |  |  |  |
| Deadline for response: **09:00 Monday 29th June** |
| Return to:Martin Howes, Energy Co-ordinator meh73@cam.ac.uk  Phone: 07711500575Workshop Pigeon hole  |