|  |  |
| --- | --- |
| Request of surface before culture of plants at IPS2 |  |

To get an experiment number, use [serres@ips2.upsaclay.fr](mailto:serres@ips2.upsaclay.fr)

**Obligatory : name and experiment number on each plate !**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Name | office | Phone | Group | Date | Date start of culture | Length of culture |
|  |  |  |  |  |  |  |

Plant species ……………………………………………………………………………… Arabidopsis

Variety : ……………………………………………………………………………………………………………………………..

Plants transgenic (GMO) : yes  no

Start from : seeds  in-vitro  other ….................

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Roots | Leaves | Flowers | Fruits | Seeds |
| Objective |  |  |  |  |  |

In (if possible): Greenhouse  Growth room  Growth cabinet

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Plant example** | **Photoperiod** | **Temp. day** | **Temp. night** |
|  | Arabidopsis, long day | 16 h | 20° C | 18° C |
|  | Arabidopsis, short day | 8 h | 20° C | 18° C |
|  | Medicago/beans | 16 h | 24° C | 24° C |
|  | Brachypodium | 20 h | 24° C | 20° C |
|  | Tomat/melon | 16 h | 27° C | 21° C |
|  | Other |  |  |  |

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Size pot | 7\*7 cm square | 9\*9 cm square | 5.5 cm small round | 10 cm | 13 cm rough | 1,3 l wheat | 1.5 l square | 2.0 l  (medicago) | 7.5 l | 10 l | ? |
| Quantity |  |  |  |  |  |  |  |  |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Standard soil | Sand/perlite for Basta | Vermiculite | Mix soil medicago type 1 | 2/3 standard  + 1/3 perlite (brachy.) | 2/3 perlite + 1/3 sand = medicago type 2 | ? |
| Substrate |  |  |  |  |  |  |  |
|

Special services (only with the owner present).  Ask the greenhouse team a few days before the activity.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Sowing | Re-potting | Sticks | Sacks | Harwest | Tissue samples | ? |
| Special service |  |  |  |  |  |  |  |
|

Comments :