



Customized plant research

Doubled Haploids

DH plant production

From your hybrid seeds, Vegenov grow the mother-plants under optimal conditions in greenhouse or in growth chamber.

Our technical know-how in haplomethods makes us flexible in terms of :

- ◆ Production schedule
- ◆ Quantity of DH plants to produce
- ◆ Type of plant material to deliver (*in vitro* plants, potted plants or seeds)

List of species for routine DH production:

- | | | | | |
|------------|-----------|------------|------------|-----------|
| ◆ Broccoli | ◆ Cabbage | ◆ Rapeseed | ◆ Camelina | ◆ Mustard |
| ◆ Cucumber | ◆ Carrot | ◆ Pepper | ◆ Eggplant | ◆ Barley |



Rapeseed embryos



In vitro growth chamber



Carrot calli



DH pepper plants

Customized protocol development

Thanks to our expertise in haplomethods, we design the experiments that are needed for the development of this technique on your species by following different steps:

- ◆ Literature study
- ◆ Proposal of an experimentation strategy
- ◆ Performing experiments
- ◆ Regular discussions during the project and final report
- ◆ Possibility of transferring the technique / training

Cécile Madre – Project manager in Plant Breeding Research

madre@vegenov.com - Tel : +33 (0) 2 98 29 06 44

Vegenov – 1040 Pen ar Prat • F-29250 St Pol de Léon • France