

Doubled haploids production in eggplant

Get **pures lines** in
just one generation



Doubled haploids production in pepper

PREBREEDING SERVICES
PLOIDY

Doubled Haploids production

Our Proposal

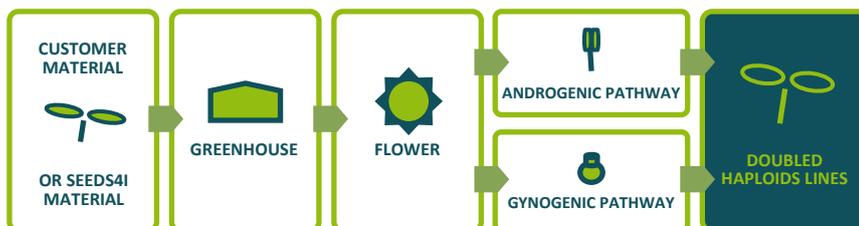
Obtaining **pure lines** is one of the strategic objectives for seed companies. Thanks to the complete **homozygosity** of these parents, **highly stable hybrid plants** can be obtained. With the **doubled haploids** technology, we can reduce the time to obtain these **pure lines to a single generation**. To do this, we take advantage of the embryogenic potential of gametes to obtain plants without the need of fertilization.

Our Methodology

There are different approaches to the production of doubled haploids. Depending on whether the male or female gametes are used, we differentiate between **androgenesis** and **gynogenesis**, respectively.

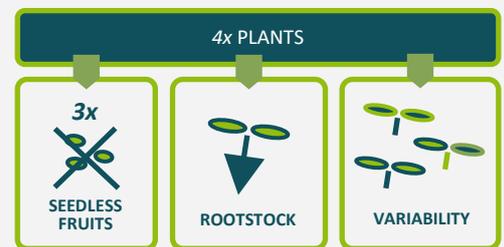
Our Product

Through this service the client will be able to obtain **pure lines in a single cycle from their own improvement materials**, thus speeding up the process of fixing their lines and **cutting costs** in terms of time and space. Upon customer request, you can decide the **number of doubled haploids lines** you need as well as the format in which you want them, either **plant or seed**.



Polyploids

Polyploid plants have great potential in plant breeding.



Our Methodology

From Seeds For Innovation we offer a novel service in which we exploit polysomatic patterns to produce **polyploid organisms without using antimitotic agents**.

Thanks to this new approach, we **guarantee stability in the ploidy** of the plants generated, **avoiding chimerisms** that would lead to long-term reversals in the material.

Furthermore, this technology, **free of chemical agents**, allows us to be more **respectful with the environment**.

Our Product

On request, the client can decide the **number of polyploid lines** he needs and the format in which he wants them, be it **plant or seed**.

SEEDS FOR INNOVATION **Prebreeding Services**

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