The management of a GP. nucleus

The Grand Parental D female (GP.D) produces Parental female (P.) necessary for the renewal of the production herd. There are two steps in the management of GP. nucleus:

> **The receipt and the start of production of GP. Female,**

> **The production of P. female.**

1) The structure of the GP. nucleus

→ Taking into account productivity of GP. female and sorting required, a GP. female produces from 16 to 18 P. females ready to A.I. during its career.

i Number of GP.D females in production: **7 % of A.I. carried out** each group.

For a farm of 500 AI / group, GP. nucleus represents 35 females in production.

2) The renewal of the GP. nucleus

i Introduce **8.5% of the average number of A.I. realized each group** in one day old GP.D rabbits / year.

For 500 A.I. / group, introduce 42 one day old GP.D females / year.

→ GP.D females will be introduced every 2 or 3 groups depending on the size of the nucleus.

→ Dates, amounts and types of animals delivered are defined on the annual renewal schedule drawn up with your technician (Doc-cial-012).

→ Receipt and preparation of one day GP.D females are identical to those of P. females (Fact No. 5.2).

3) The production of P. females

→ GP.D females are inseminated with the GP.C male HYCOLE.

→ During births, group the GP.D females and perform primarily adoptions between litters from GP.D females.

→ If litter size requires it, it is possible to make a complete adoption on one or more parental females. If the breeder knows to control sex at birth, it is possible to realize balancing (équilibrage) by removing males.

→ From birth to 1st A.I., the preparation of P. females is identical to that described in Fact No. 5.2.

⚠ **The quality of sorting and preparation of P females is paramount.**

ⓘ **For a farm of 500 A.I. / group: need of 65 nulliparous P. females / group.**

➢ **At weaning, choose 85 P. females** from mothers and litters without any sanitary problem. Choose the most beautiful females.

➢ **At 10 weeks, individualization of 75 P. females.** Spread the females less conformed and/or with sanitary problem.

➢ **One week before A.I. select the 65 best P. females.**