

### Conditions for admittance of the bulls in the A.I. Station

The A.I. Station (or: Semen Production Station) is officially free of Tuberculosis, Brucellosis, Leukosis and IBR-IPV. The bulls come exclusively from the Genetic Station (or: Performance Test Centre) of ANABORAPI which has the same health qualifications as the A.I. Station. The Performance Test Centre accepts only bull calves coming from farms which are in their turn officially free from all these diseases.



The bull calves enter the Centre at an average age of 50 days after which they are kept in quarantine and submitted to all the health tests required by law.

At a positive result after the quarantine period the animals start the actual Performance Test which lasts up to the age of 11 months. During this period the animals are submitted to another series of health tests. At the end of this phase, having reacted negatively to all the various health tests, the best bulls are selected for A.I.

These are the bulls that enter the A.I. Station (or Semen Production Station).



### Conditions and health tests at the A.I. Station of ANABORAPI

The bulls qualifying for A.I. at the Performance Test Centre, before entering the A.I. Station, are segregated in a quarantine barn and tested, according to the law (law N°30, enclosure 7, 15 Jan. 1991), for the following diseases:

Tuberculosis

Brucellosis

Enzootic bovine leukosis

IBR-IPV

BVD - MD

Campylobacteriosis

Trichomoniasis

In order to satisfy the health requirements of the different countries which represent possible importers of semen all the animals are submitted to a further series of tests:

Leptospirosis

Johne's disease

Chlamidiosis

Fever Q

Furthermore the preventive treatment against leptospirosis is carried out (two injections of streptomycin in a dose of 25 mg/kg of live weight, at an interval of 14 days).

Only when the results of all these tests are negative can the bull be accepted by the A.I. Station. All the above mentioned tests are repeated at the Station every 6 months.

The tests are carried out by official veterinaries of the local health unit N° 16 Mondovì-Ceva and the samples are subsequently sent for analysis to the Experimental Zooprophyllactic Institute of Turin. This Institute carries out the sanitary checks according to the methods approved by the Ministry of Health.



Figure 1. Semen production in a bull (NICO) and in a woman (A.I.).