ORGANIZATION: PAYSAT Genetic Station – FEDA EXPE

NAME OF THE VISIT: PAYSAT – FEDA EXPE

DATE OF THE VISIT: Tuesday , October 7, 2025

CONTACT NUMBER: 04 71 77 14 14



PAYSAT Genetic Station – FEDA EXPE

Main productions and complementary activities

Ram testing station for meat traits (FEDA-EXPE)

- Testing of meat-breed rams for crossbreeding in Southern France
- Implementation of scientific protocols on the herd in partnership with INRAE, IDELE, and Veterinary Schools
- Participation in experimental farm networks coordinated by CIIRPO

Evaluation station for hardy young rams (ROM)

900 rams tested each year for 6 hardy breeds: Bizet, Blanche du Massif Central (BMC), Grivette, Limousine, Noire du Velay, and Rava

Marketing of breeding animals (ROM)

13,500 replacement ewe lambs and 800 hardy rams sold annually

10,000 artificial inseminations in BMC and Limousine breeds

Photovoltaic power plant: 467 kWp

Other data:

Geo-climatic context

- 2 sites at 700 to 800 m altitude
- Volcanic and granitic soils

Workforce

- 7 FTE (Full-Time Equivalents)

Technical data

- **FEDA-EXPE:** Progeny testing for meat traits and experimental farm
- **Sheep Hub South of France**
- **ROM Sélection:** Breeding organization for 6 hardy breeds
- **Prolificacy:** 1.91 lambs/ewe/lambing
- **Fertility:** 90%
- **Birth productivity:** 1.98 lambs/ewe/year
- **30-day weight (PAT):**
  . Single males : 13,8 Kg
  . Twin males : 11,5 Kg
- **1,800 lambs sold under the Label Rouge – "Agneau Fermier des Pays d'Oc" quality scheme**

Description of the FEDA-EXPE sheep flock

- **1,000 ewes, 200 ewe lambs, 25 rams**
- **Flock of females of the following breeds:** Blanche du Massif Central, Lacaune, and Noire du Velay
- **System:** 4 lambings in 3 years (January, April, July, October)
- **Flock used for meat testing** with breeds Berrichon du Cher, Ile de France, Suffolk, and Rouge de l'Ouest through artificial insemination
- **Stocking rate:** 1.20 LU / ha of forage area
- **Lambing building:** 1,988 m² for 720 ewes in 4 sections
- **Fattening building:** 1,275 m² for 800 lambs + 120 ewe places