

Abbreviations used by Groupe Gascon

Iboval Indexation:

Example:

IFNAIS (cd)	AVel	CR sev	DM sev	DS sev	FOS sev	ISEVR (cd)	ALait	IVMAT (cd)

The base figure which they use is 100 – anything above this means the animal is higher than the average – anything lower is below what they would class as average.

IFNAIS: Calving Ease Index: this describes the ease of birth of calves. Part of the index uses birthweight information, corrected for calf conformation (birth conditions). A long, thin heavy calf will calve more easily than a lighter, chunky calf. Despite the fact that most Gascon calvings occur without intervention, it is vital to record this information as it comprises 30% of this index.

AVel: Calving Ability Index: this is exclusively based on the maternal effects on calving (pelvis opening size, calving preparation, intra-uterine nutrition of the calf). In practice, cows with 'good pelvises' (mainly based on internal and external measurements) will have a good AVel index. This index is published for all recorded females. It is published for bulls which have at least 15 daughters in production, with the results of at least 25 of their progeny recorded. At least 10 of these progeny should have been recorded in VA4 level herds.

CR sev: Growth capacity at weaning

DM sev: Muscular development at weaning

DS sev: Skeletal development at weaning

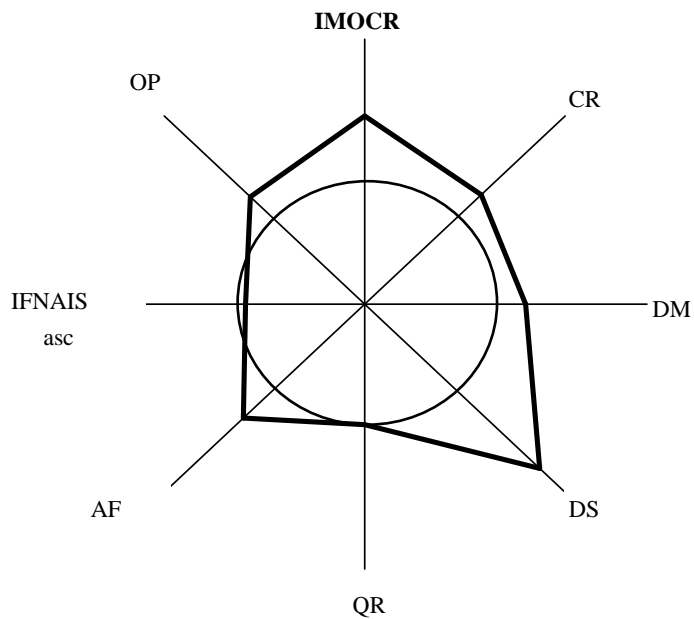
FOS sev: Bone development

ISEVR: Total merit index for direct effect at weaning – measure of value of suckled calf offspring

ALait: Milking abilities of female offspring

IVMAT: Index of maternal value: this combines IFNAIS, AVel, ALait, DMsev, CRsev & DSsev

EXAMPLE OF GENETIC VALUES MEASURED AT STATION:



IFNAIS: Calving ease index

OP: Pelvic opening

IMOCR: Index of conformation and growth: this is calculated for bulls at the exit from the station and combines both their performance on station and the performance of their ancestors and peers

CR: Growth

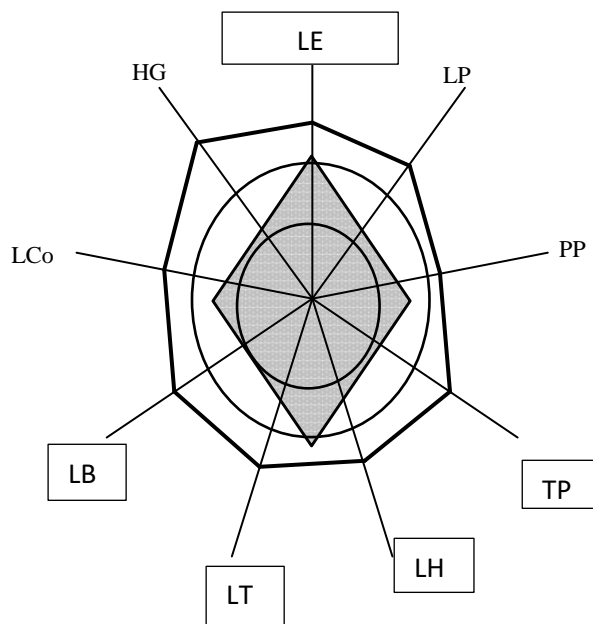
DM: Muscular development

DS: Skeletal development

QR: Breed qualities

AF: Functional abilities

EXAMPLE OF PELVIC MEASUREMENT DIAGRAM:



LE: Width of shoulder

LP: Width of chest

PP: Depth of chest

TP: Circumference of chest

LH: Width of hips

LT: Width of hips

LB: Length of pelvis

LCo: Body length

HG: Height at withers

External measurements:

HSP: Pubic bone height

BIM: pelvic bone

The next page shows a diagram of where they take the measurements from:

POINTAGES-POIDS-INDEX • SCORING-WEIGHTS BREEDING VALUE • BEWERTUNG-GEWICHT-ZUCHTWERT

Facilité de naissance / Ease of birth
Leichtkalbigkeit

Poids Naissance
Birth Weight
Geburtsgewicht

INDEX FNais

Croissance / Growth / Wachstum

2 pesées jusqu'au sevrage
2 weights until weaning time
2 gewichte bis Absetzung

INDEX CRsev

Développement Musculaire / Muscular Development

Largeur de culotte
Width of hind quarter
Breite der Keule

Dessus d'épaule
Width behind withers
Schulterbreite

INDEX DMisev

Développement Squelettique / Skeletal Development

Longueur du dessus
Length of back
Oberlänge

Longueur du bassin
Length of pelvis
Beckenlänge

Grosseur des canons
Swin bone circumference
Knochenumfang

Largeur aux hanches
Width of hips / Beckenbreite

INDEX DSsev

Développement
Entwicklung

Largeur aux trochanters
Width at pelvic bone
Oberschenkel Breite

INDEX DSsev

AF : Aptitudes Fonctionnelles / Functional Characteristics / Wichtige Eigenschaften

Largeur du museau
Width of muzzle
Maulbreite

Rectitude du dessus
Top Line
Rückentlinie

Aplombs Arrière / Rear Legs / Hinterbeine

Aplombs Avant / Front Legs / Vorbeine

Autres : Autres Postes / Other Points / Andere Punkten

Profondeur de poitrine
Depth of chest
Tiefe der Brust

Largeur de poitrine
Width of chest
Breite der Brust

Longueur de culotte
Length of hind quarter
Länge der Keule

Largeur aux trochanters
Width at pelvic bone
Oberschenkel Breite

Pointages et pesées effectuées en ferme de la naissance au sevrage par les techniciens agréés du contrôle de performances. Index calculés par l'INRA et l'Institut de l'élevage. • Bewertung und Gewichte werden auf Hof von Geburt bis / setzung durch offizielle Techniker aus der Leistungskontrolle. Vereinigung geführt. Zuchtwerte werden in dem Zuchtinstitut und INRA erwähnt.

POINT SCORING:

Example:

DM	DS	QR	AF	NG

This is a visual measurement of conformation to give each animal a score. Animals with a score of less than 55 are ineligible in the French herdbook. As a rule, animals with a score of 60-64 are good, 65-69 are very good and those over 70 are excellent.

DM: Muscular development

DS: Skeletal development

QR: Breed qualities

AF: Functional abilities: eg. legs, chest, pelvic size, udder

NG: Overall grade

AI CATALOGUE

Facilities of naissance:

Ease of birth

Croissance:

Growth

Developpement Musculaire:

Muscular development

Developpement Squelettique:

Skeletal development

Qualities de Race:

Breed qualities

Aptitudes Fonctionelles:

Functional abilities

IMOCR:

Index of conformation and growth

BULL CLASSIFICATIONS:

AIA: The best two or three young bulls which enter the station each year are selected to become Authorised AI bulls and they become available for farmers to use. They are then further evaluated by the IBOVAL method according to the performance of their progeny.

RVS & EVS: Bulls suitable for elite calf production eg. breeding heifers

RRC: Bulls which were assessed in the station and were in the top third

INC: Bulls assessed in the station which are not AIA or RRC

INS: Farm bull over 2 years of age

COW CLASSIFICATIONS:

MAT, MTE, MTC, MEC: *Recommandee:* Cows suitable for breeding bulls

MAG, MGC: *Reconnue:* Cows suitable for breeding heifers

INT: *Reconnue:* 2-5 years old cows/heifers with excellent breeding

MDS, MSC: *Confirmer:* Cows which have been pointed at 5 years of age, suitable for weaned calf production

INS, INC: *Confirmer:* Cows/heifers between 2 and 5 years of age which have been scored at 55 or over on the junior scoring

OTHER TRANSLATIONS:

TAUREAU: Bull

VACHE: Cow

GENISSE: Heifer

POIDS NAISSANCE: Birth weight

P210 JOURS: Weight at 210 days

GMQ Nais./Entrée: Average weight gain per day on entry to station

GMQ en controle: Average weight gain per day under control in the station

PAT 400 jours: Weight at 400 days

MERP: Dam genetic effect on calf weaning

EFCAR: Career efficiency

DATE DE NAISSANCE: Date of birth

ELEVEUR/NAISSEUR: Breeder