

I'M LOOKING TO BUY A GOOD RAM



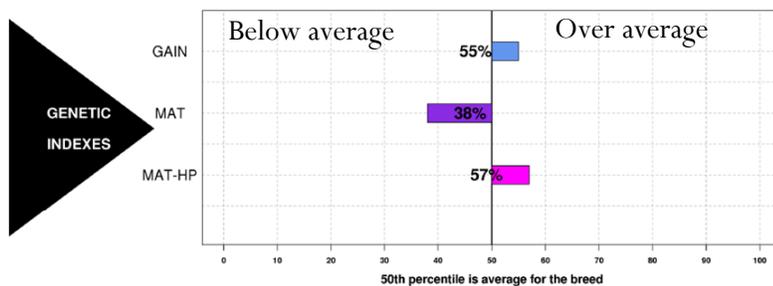
What should I look at?

The GenOvis certificate displays all breeding values calculated for an animal. First, you need to know what you want to improve in your flock:

- Market lambs' growth rate
- Replacement stock prolificacy (more lambs per lambing)
- Replacement stock progeny growth (higher milk production)

How to read the graph?

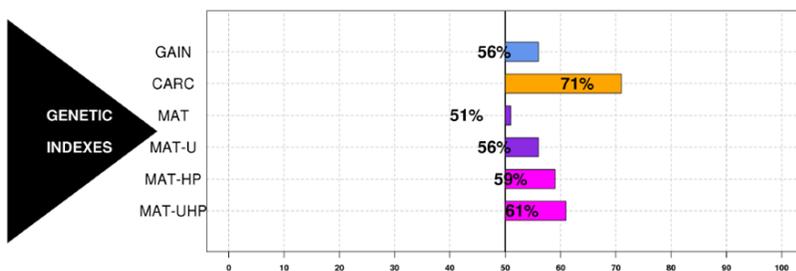
- The higher an index is, the higher the genetic merit of the animal is within its breed (combine many traits)
- 50% is the average of the breed (black line)
- Index below 50% (left side) means genetic merit lower than average for the breed
- Index above 50% (right side) means genetic merit better than average for the breed



- Improver for **GAIN** index
- Below average for **MAT** index
- Improver for **MAT-HP** index

A ram doesn't need to be over average on all the indexes, but should have a good genetic index for the traits you are looking to improve within your flock.

If the breeder takes ultrasound measurements:



3 more indexes are available:

- **CARC index** = GAIN index + ultrasound measurements
- **MAT-U index** = MAT index + ultrasound measurements
- **MAT-UHP index** = MAT-HP index + ultrasound measurements

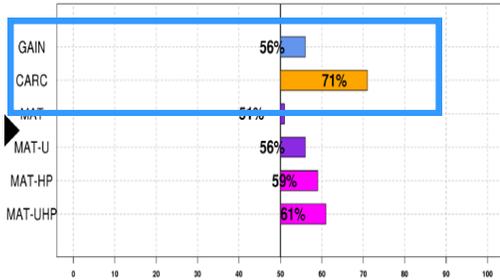
What is the difference between the performance data and the breeding values?

- **Performance data:** data collected in the barn for a specific animal
- **Breeding values:** Calculated from **animal's and relatives'** performance (dam, sire, sisters, brothers, grand-parents, progeny...). They also account for sex, age, dam age, breed/cross...
- Breeding values are the performance we expect an animal will pass on to its progeny.



I'M LOOKING TO BUY A GOOD RAM TO PRODUCE:

Fast growing market lambs



Want to improve growth (average daily gain) from birth to slaughter

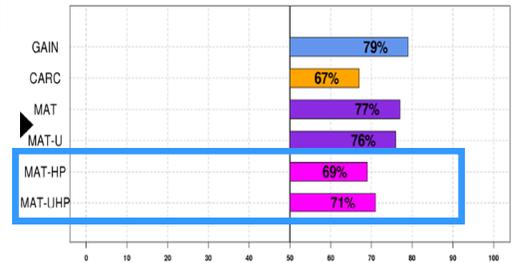
Look to:

- **GAIN** or **CARC** index
- Percentile >50%
- Mainly recommended for terminal breeds (Suffolk, Charollais, Texel, Hampshire, Canadian Arcott, Dorper...)

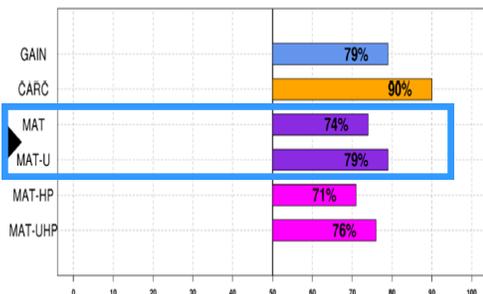
More prolific replacements

Want to have more lambs per lambing and improve the weaning weights of lambs

- **MAT-HP** or **MAT-UHP** index
- Percentile >50%
- Mainly recommended for maternal breeds (Dorset, North Country Cheviot, Polypay...) and prolific breeds (Rideau Arcott, Finnsheep, Romanov...)



Replacements having heavier lambs at weaning



Want to improve weaning weights and maintain prolificacy

- **MAT** or **MAT-U** index
- Percentile >50%
- Mainly recommended for maternal prolific breeds (Rideau Arcott, Finnsheep, Romanov...) ***improve milk production***

NEED HELP?

genovis@cepoq.com
1-418-856-1200, extension 3

WWW.GENOVIS.CA