

I AM A F1 BREEDER

PROLIFIC MATERNAL PUREBRED EWES X NON-PROLIFIC MATERNAL PUREBRED RAMS



THE BREEDER TAKES ULTRASOUND MEASUREMENTS



The purpose is to obtain ewe-lambs with both high prolificacy and good maternal traits.
Which index should I use to select prolific ewes?

The **MATERNAL ULTRASOUND HIGHER PROLIFICACY INDEX (MAT-UHP)** has been created to simultaneously improve maternal traits, prolificacy and carcass qualities. This is the best index to use for buying your replacement ewes. This index allows you to select a more prolific ewe that will also improve your lambs' carcass quality.

The **MATERNAL ULTRASOUND INDEX (MAT-U)** was designed to improve both ewes' maternal traits and carcass quality. This is the best index to use in buying rams with strong maternal traits and carcass qualities.

These rams will effectively complement your prolific ewes for maternal traits by producing F1 ewe-lambs that are both prolific and good milkers.

The purpose is to obtain ewe-lambs with both high prolificacy and good maternal traits.
Which index should I use to select non-prolific maternal rams?



Which index should I use to select my ewe-lambs?

The **MATERNAL ULTRASOUND HIGHER PROLIFICACY INDEX (MAT-UHP)** is the best index to use for selecting prolific replacement ewe-lambs. This index allows you to select more prolific ewe-lambs that will transmit good carcass quality traits to their lambs.

IMPORTANT

F1 animals come from the cross of **prolific maternal** breeds with **non-prolific maternal** breeds.

The ewes could be either of prolific breeds or non-prolific breeds and the rams will be the opposite.

Genetic Indexes

RC	Maternal		Maternal Higher Prolificacy	
	MAT	MAT-U	MAT-HP	MAT-UHP
7	13.99	18.45	7.11	13.03
	96	97	95	97

Direct		Maternal	
Accuracy	Percentile	Accuracy	Percentile
10	12	7	49
90	97	0.13	43
94	98	0.57	41
	96		74
	99		