

I'M A PROLIFIC MATERNAL BREEDER WHICH INDEX SHOULD I USE TO SELECT ANIMALS?



I TAKE ULTRASOUND MEASUREMENTS



I'd like to improve my ewes' maternal qualities, but I do not want more lambs per lambing. Which index should I use to select animals?

The **MATERNAL ULTRASOUND INDEX (MAT-U)** has been created to simultaneously improve maternal traits and carcass qualities.

This index allows you to select ewes and rams with strong maternal traits and carcass qualities.

The **MATERNAL ULTRASOUND HIGHER PROLIFICACY INDEX (MAT-UHP)** will be the best index to use for selling animals even if you select on MAT-U index.

This index allows selecting more prolific ewes that will also improve lambs' carcass quality.

Which index should commercial producers use if they are interested in my sheep?



Some of my bloodlines have lower than the average prolificacy for the breed. I'd like to improve the number of lambs born per lambing. Which index should I use?

The **MATERNAL ULTRASOUND HIGHER PROLIFICACY INDEX (MAT-UHP)** is the best index to use for selecting prolific replacement ewes and rams with good maternal abilities and carcass qualities.

ATTENTION

If you already have highly prolific ewes and you use the **MAT-UHP index**, you will continue to increase the litter size. You will have more lambs per lambing, which is not what you need.

Instead, you should select using the **MAT-U index** to improve maternal traits and carcass qualities. On the other hand, your very prolific ewes will have good **MAT-UHP index** values.

Genetic Indexes				
	Maternal		Maternal Higher Prolificacy	
	MAT	MAT-U	MAT-HP	MAT-UHP
	13.99	18.45	7.11	13.03
	96	97	95	97

Direct	Maternal			
	Accuracy	Percentile	Accuracy	Percentile
10	12	32	7	49
0	97	0.13	43	17
	98	0.57	41	74
	96			
	99			