

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



I TAKE ULTRASOUND MEASUREMENTS



I'd like to improve the number of lambs born per lambing. Which index should I use to select animals?

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

The **MATERNAL ULTRASOUND HIGHER PROLIFICACY INDEX (MAT-UHP)** is the best index to use for buying more prolific replacement ewes and rams that will transmit good carcass quality traits to their lambs.

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

Which index will buyers use if they are looking for good maternal qualities without increasing the number of lambs born?

The **MATERNAL ULTRASOUND INDEX (MAT-U)** allows buyers to select ewes and rams with strong maternal traits and carcass qualities without increasing the number of lambs born per lambing. (e.g. for F1 breeders).

ATTENTION

If you use the **MAT-U** index for selection, you will not increase the number of lambs born per litter. To increase ewes' prolificacy, you should select on **MAT-UHP**.

Most of the time, non-prolific maternal breeds do well on the **MAT-U** index as their lambs are heavier at weaning.

Genetic Indexes		Maternal		Maternal Higher Prolificacy	
C		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	7	49
90	97	0.13	17
4		0.57	41