

The **HIGHLANDER** Index combines information on all the key traits that make a **hardy, profitable ewe** for forage based systems lambing outdoors.....

Growth and carcase

measures - so that lambs finish off grass and grade well



Number of lambs reared is a key trait that influences **output.**

Mothering ability is a key trait that measures the ewe's influence on her **lamb's growth** up to weaning

Vigour and health

including lambing ease, lamb survival and nematode resistance



Restricting change in **ewe weight** means **maintenance** requirements stay the **same**

Breed **Average**

193 points

Selection rate

38%

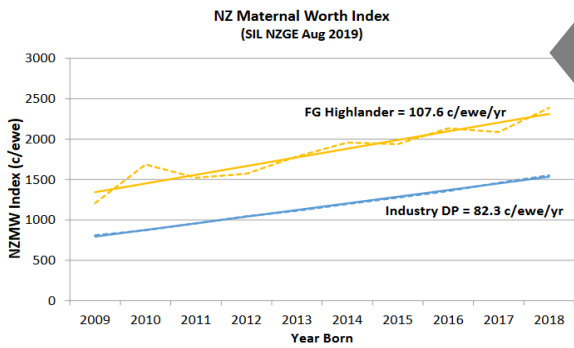
Sires

imported from **NZ**

Average scanning

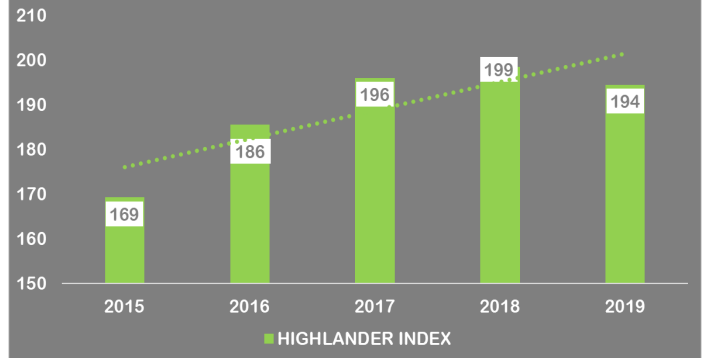
199% in ram breeding flocks

Genetic improvement in the Highlander breeding programme



NZ Sires used

UK flock improving further



Maternal ability



+0.1 kg/yr

Eight week weight



+0.1 kg/yr

Growth



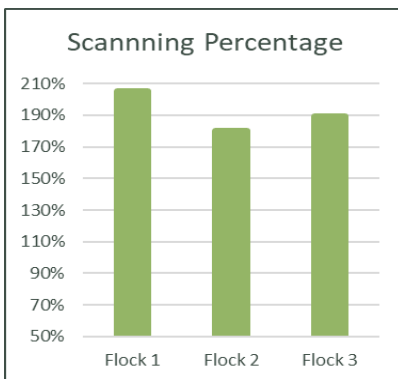
+0.4 kg/yr

Muscle



+0.2 mm/yr

Performance in the Highlander ram producing flocks



Only **1%** of lambs born need assistance to suckle

Average lambing assistance is **<1%** (range 0% to 1%)

Each ewe on average rears **56.2kg** of lamb by 16 weeks of age.

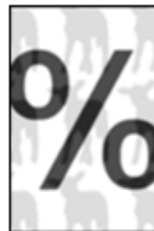
Average mature weight is **61kg**

83% of lambs survive to 8 weeks of age.

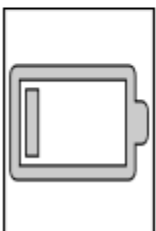
Performance in commercial flocks



70 ewes per ram (average)



195% Scanning percentage



2% ewes empty at scanning



61% Twinning percentage