

Breeding :

Define breeding goal.

Breeding goal specifics which characteristics (traits) of animals should be changed and in which direction

Examples of traits:

• intramuscular fat in pigs (beef cattle)

Breeding Goal :

Traits	Direction	
ImF	↗	(Optimum: 1.8%) Pigs
Fecal Intake	↘	
Growth	↗	
...		
Health		cattle
Resistance	↗	
Resilience		
Production	↗	
Methane	↘	
Feed Efficiency	↗	

□ In Livestock population (within one breed); animals are ranked with respect to trait values.

□ Assume just one trait at the moment (Feed