

Interbeef Carcase Traits Survey

Survey update: 10th April 2014, Uppsala

Update with France: 20th May 2014, Berlin

Leading the way in Agriculture and Rural Research, Education and Consulting

9 Countries responded



- Czech Republic
- Denmark
- Finland
- France
- Germany
- Great Britain
- Ireland
- (Spain)
- Switzerland
- Sweden

Proxy traits on live animals



- None for France, Switzerland and Germany
- Purebred animals
 - FIN and IRL crossbred animals
- Collected by farmer
 - FIN and GBR
- Collected by trained technician
 - CZE
- Collected by other
 - DNK (test station) and IRL (mix of auction mart, technician and farmer - very little by farmer)

Traits

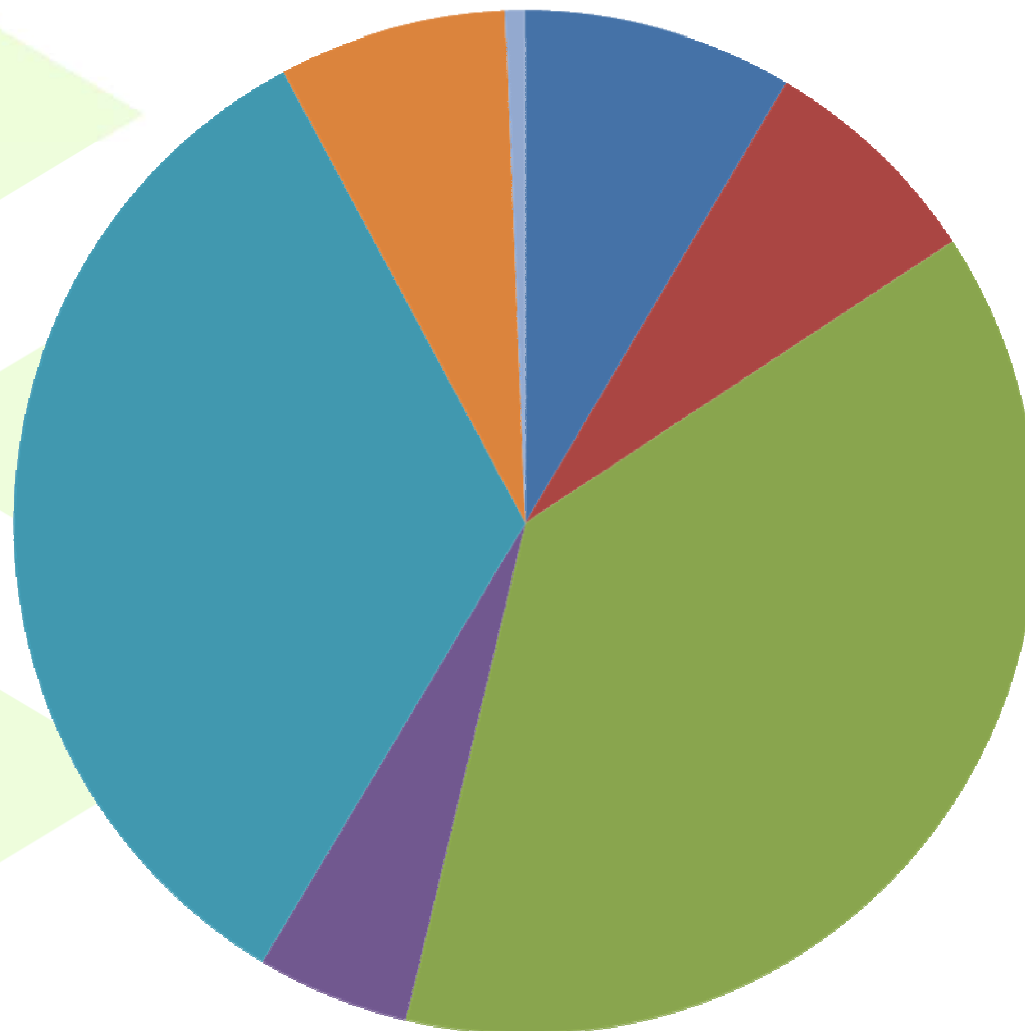


	CZE	DNK	FIN	GBR	IRL	SWE
LIVEWEIGHT	365		365	400	250 - 650	365
US MUSCLE		300		400		
US FAT				400		
US IMF						
LINEAR SCORES AND PRICE					250-350 300-600	
MUSCLING SCORE	159- 730					

Breeds



Breeds - Proxy traits



- Angus
- Belgian Blue
- Charolais
- Hereford
- Limousin
- Simmental
- other

Carcase traits



- None for Germany
- Abattoir records
 - Most countries have all categories of breeds
 - SWE only purebred
 - IRL only cross bred
 - IRL taste panel/lab tenderness
- Age
 - Mostly Prime slaughter (300-1000)
 - CZE, DNK, FIN, FRA, GBR, IRL & SWE
 - 1000+
 - CZE, GBR & IRL
 - <300
 - CZE, DNK, FRA & GBR

Traits

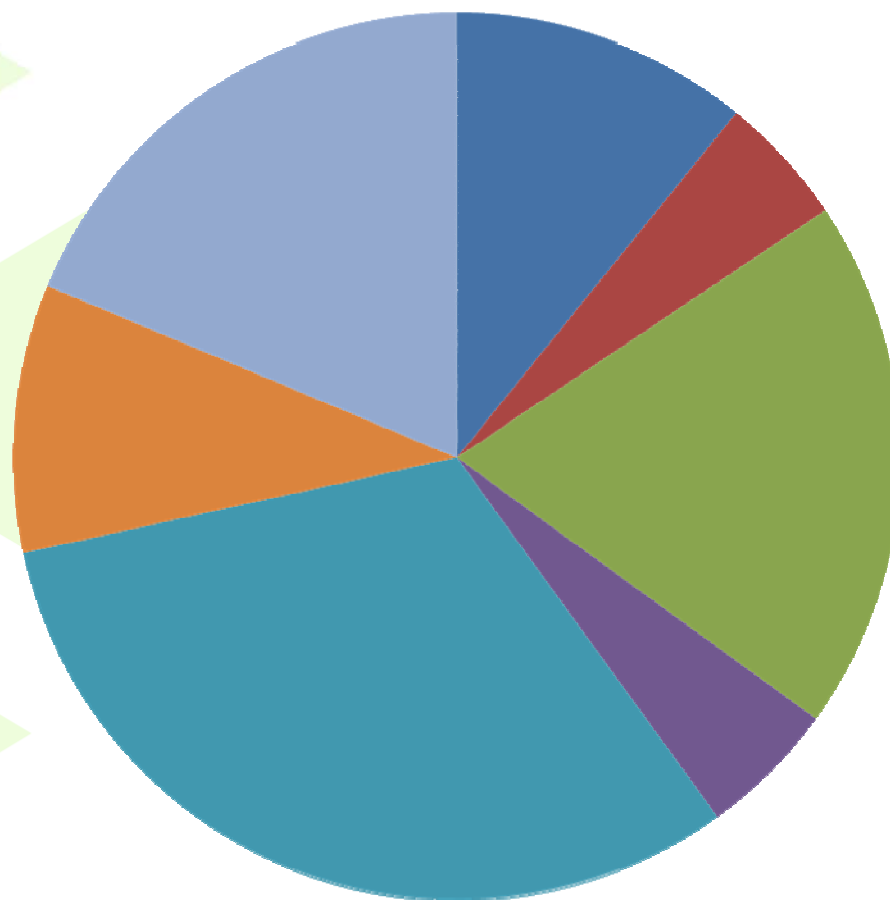


	CHE	CZE	DNK	FIN	FRA	GBR	IRL	SWE
Carcase weight	y	y	y	y	y	y	y	y
EUROP conf/fat	y	y	y	y	y	y	y	y
Individual Primal Cuts						y	y	
total meat yield							y	
killing out %								
tenderness							y	
NIR								
Age at slaughter, meal colour (veal)					y			

Breeds



Breeds - Carcase traits



- Angus
- Belgian Blue
- Charolais
- Hereford
- Limousin
- Simmental
- other

Models/Preferences



- Models
 - Age adjusted animal models
 - CHE – use CHTAX which is similar to EUROP
- Preference
 - Carcase weight, EUROP traits, yields
- 1st
 - Calving, CWT (X3), EUROP, carcase traits, growth rate (X2)
- 2nd
 - Carcase traits, EUROP conformation (X3), fertility, slaughter traits, CWT, EUROP
- 3rd
 - Fertility, conformation, calving ease, yields (X2), carcase fat, meat colour

Summary



- Traits
 - Carcase weight, EUROP Conformation and Fat & yields
- Very much cross bred and GBR, IRL and CHE all commented on the influence of beef from dairy breeds
- Prime slaughter population
- Most countries have pedigree and fixed effect information
 - GBR, IRL, FRA, CHE, SWE

Next Steps



- Dependent on the cross breed work
- Construct a more detailed plan
 - Collection format
 - Analysis and time frames
- Organise a data call
 - Carcase weight
 - EUROP conformation and fat