



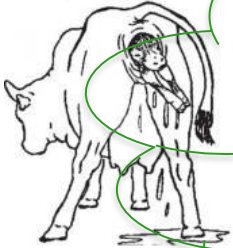
DBI - Selecting the best beef sires for the dairy herd

Beef X dairy

- Growing dairy herd
 - ↑ 425k since 2011
- Improved fertility and technologies
 - ↑ 275k beefXdairy
- Valuable calf for beef famers
 - Sustainable beef sector

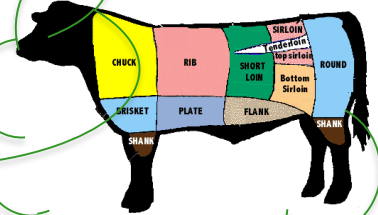


Conflict of interest



Sires that achieve both

- Easy calving and short gestation
- Good carcass merit

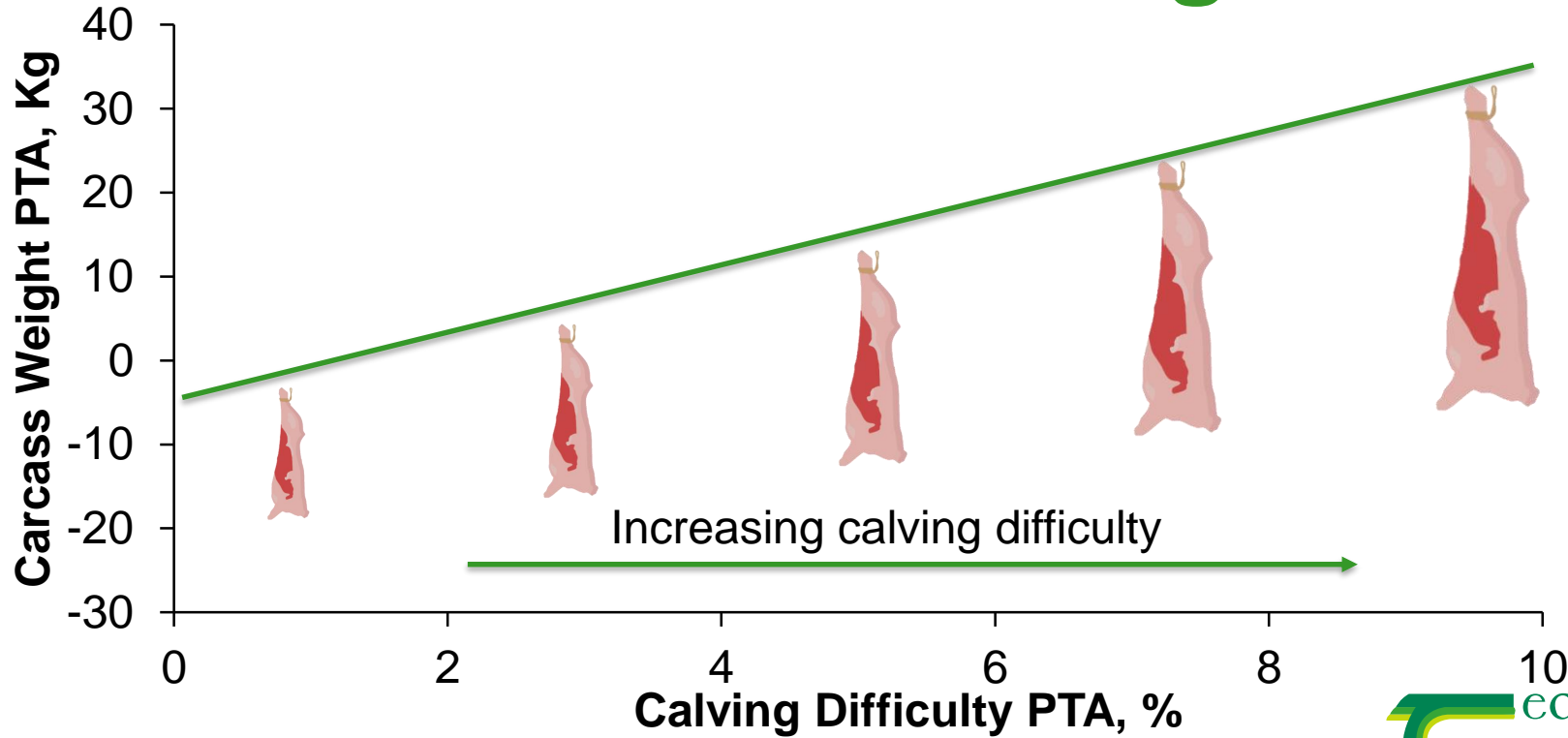


Dairy Beef Index

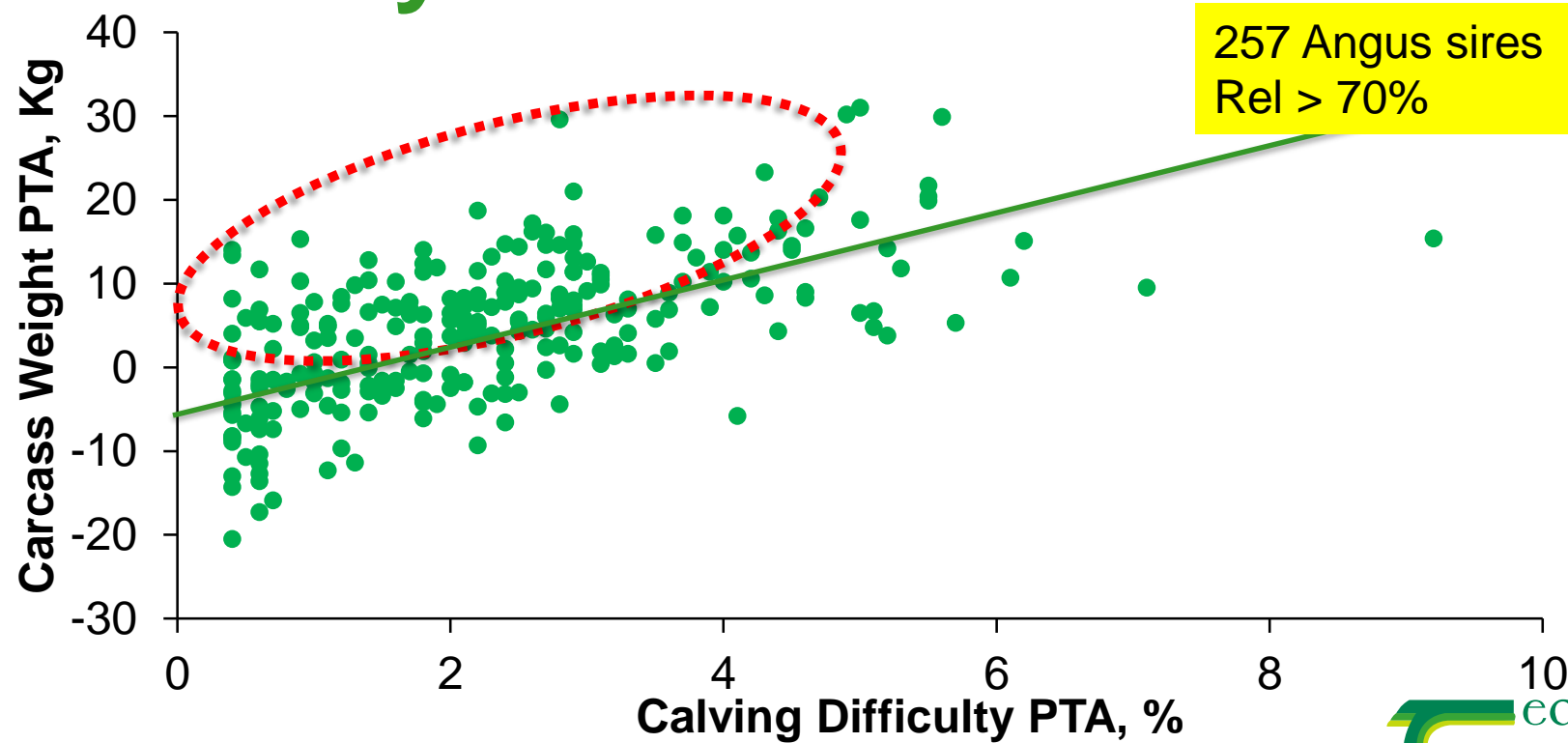
- Identifies profitable beef sires for dairy herds
 - Calving and beef traits
- Available from ICBF
 - Animal search
 - Active bull list

Rank	Code	Name	Breed	DBI €	DBI Rel %	Calving Value SI €	Beef Value SI €
1	AU4460	DAUPHIN	AU	147	80	52	95
2	LM2014	EWDENVALE IVOR	LM	144	95	-6	149
3	DPZ	DESPAGNOU	AU	140	83	8	131
4	SA2189	ULSAN	SA	137	87	46	91
5	AU4683	TURLOUGHMORE MAGNIFICENT	AU	130	70	7	123
6	AU2470	CESAR	AU	128	82	16	113
7	AZL	ROSS ALO (ET)	BB	127	88	-45	173
8	AU4836	TURLOUGHMORE MAJESTIC	AU	126	61	22	104
9	SA4604	KNOTTOWN ROY	SA	125	80	31	94
10	AA4818	GABRIEL PETE 2074	AA	124	69	62	62
11	AA4743	KEALKIL PRIME LAD	AA	123	70	67	57
12	AU4627	MADISON	AU	120	61	28	93
13	BZC	BOHERARD CIAN (ET)	BB	112	92	-23	134
14	EBY	ELDERBERRY GALAHAD	LM	112	96	-2	113

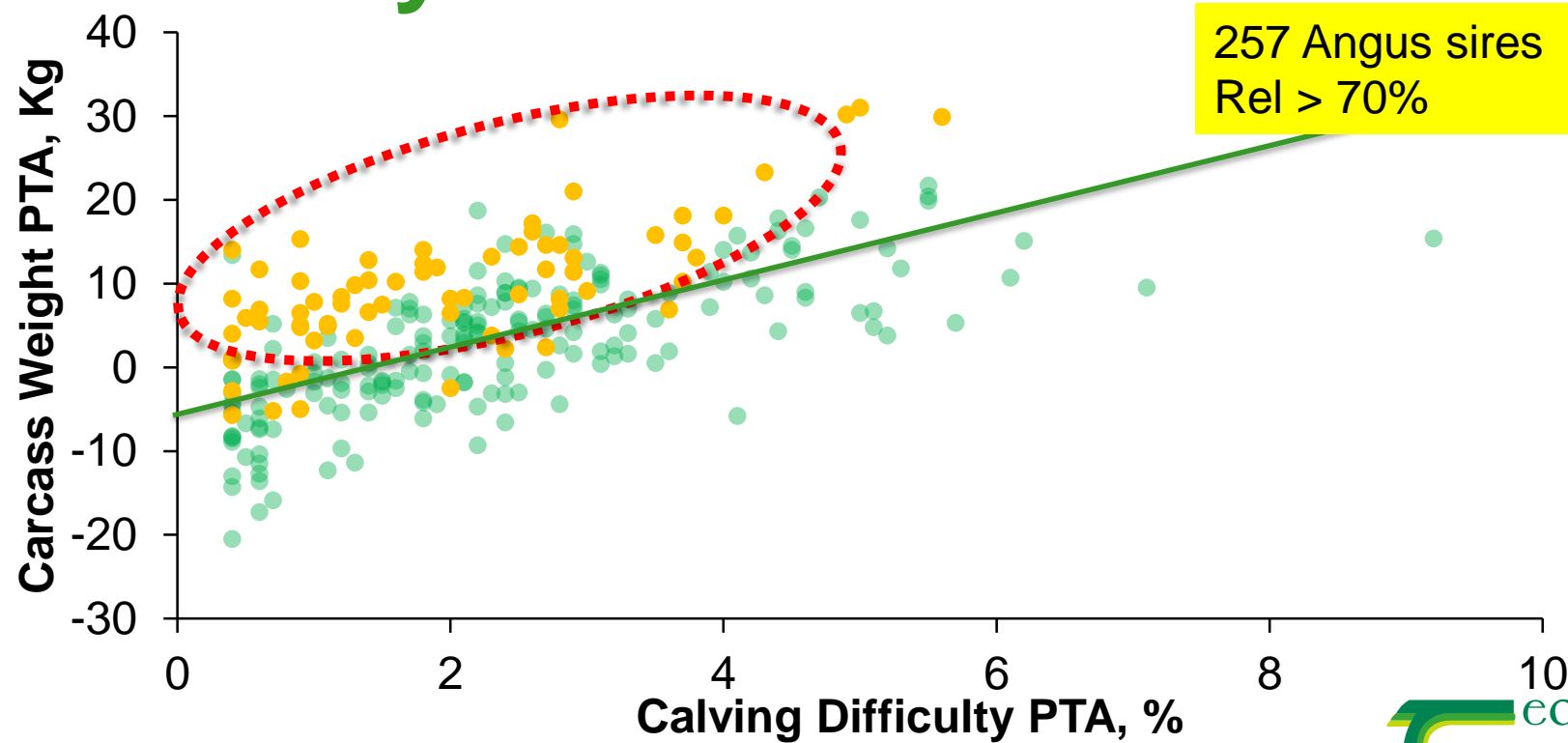
Carcass versus calving



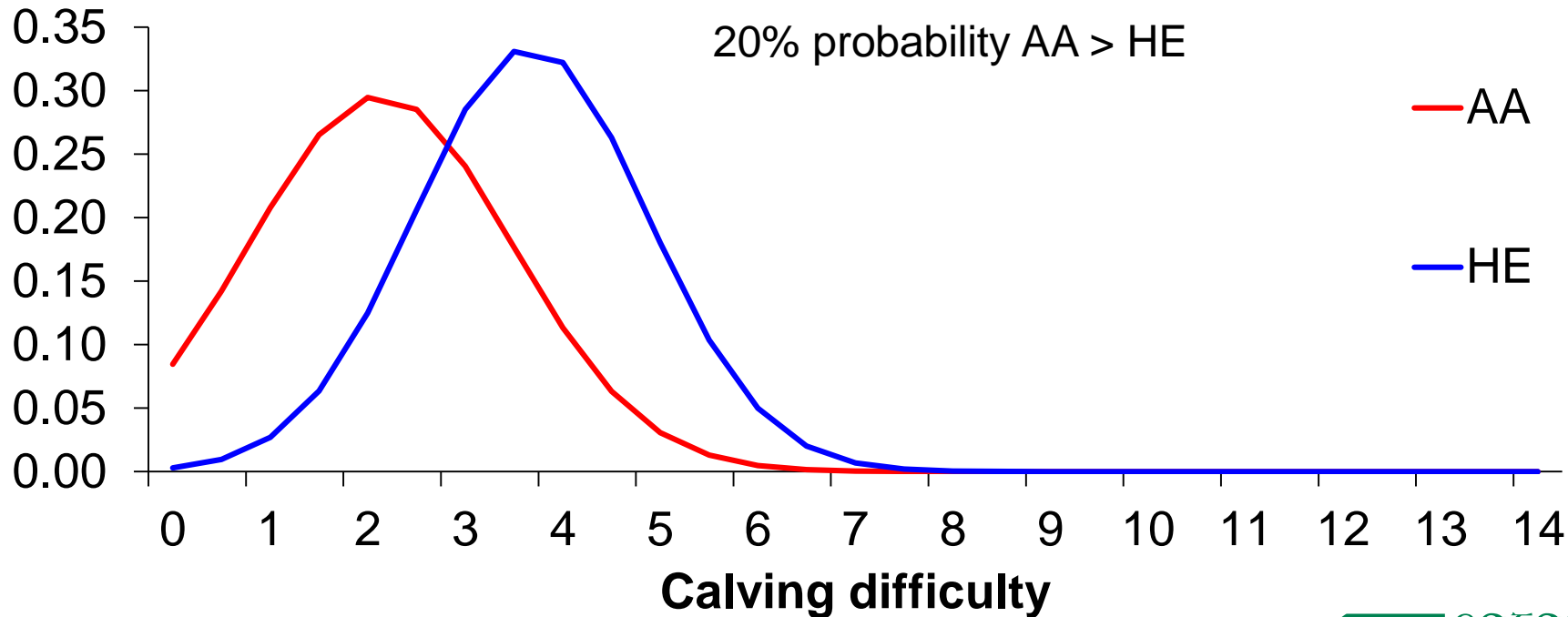
Identify outliers



Identify outliers

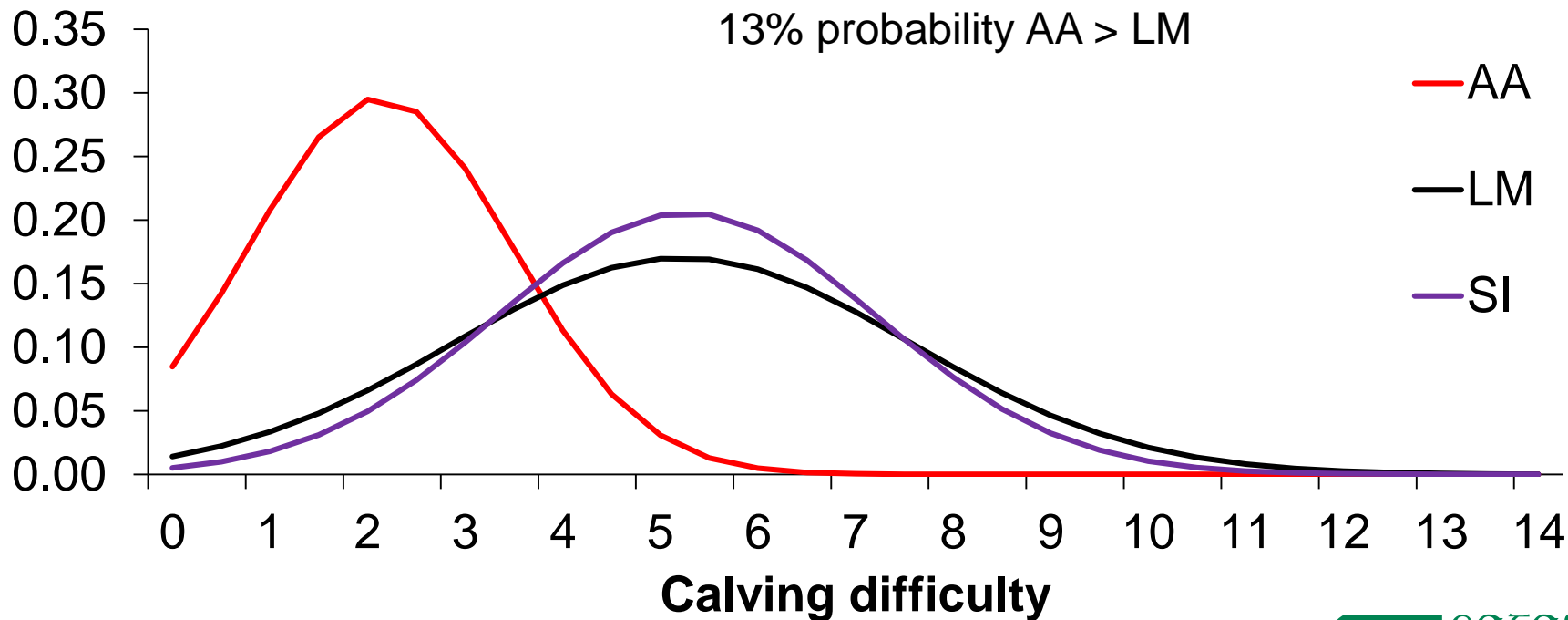


Focus on breed for calving?

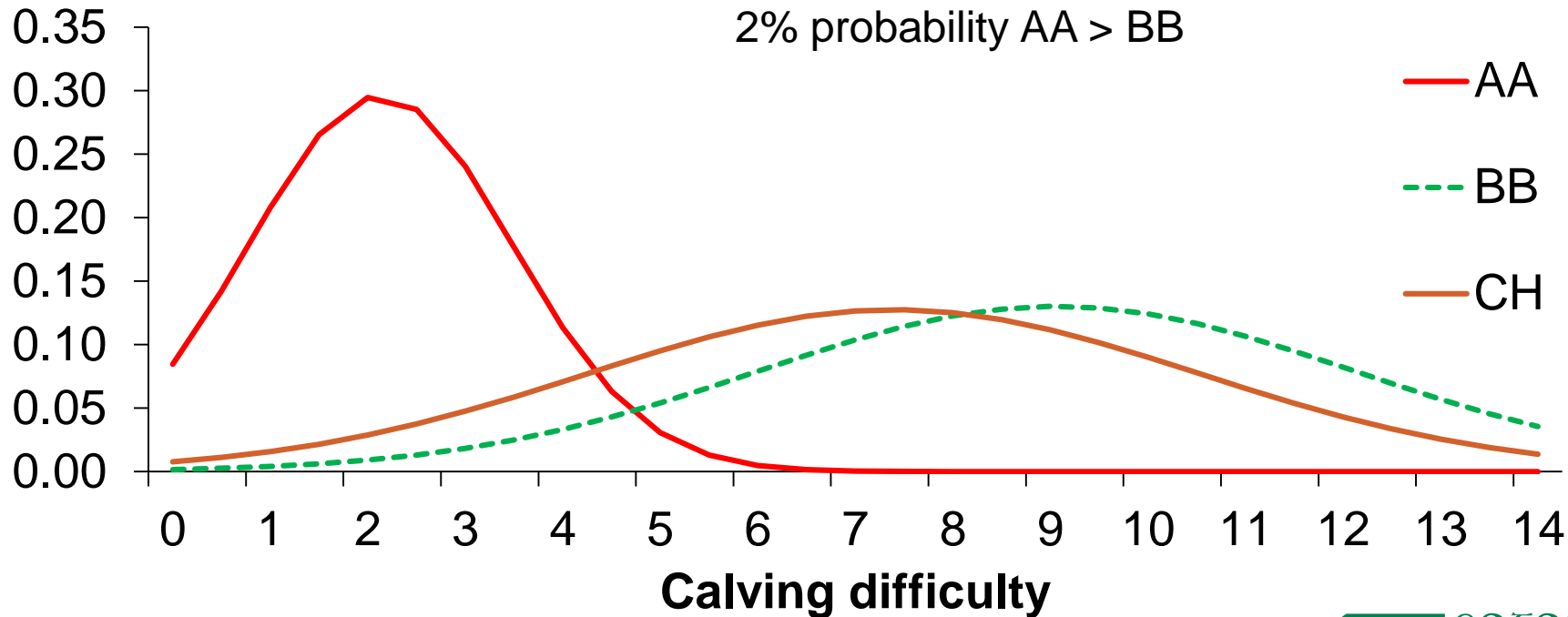


Focus on breed for calving?

13% probability AA > LM



Focus on breed for calving?



Who should use the DBI?



Bull breeders



AI Stations



Dairy farmers



Dairy-beef rearers

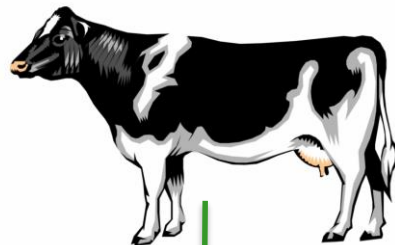


Is it too good to be true?

Top 20% on calving traits

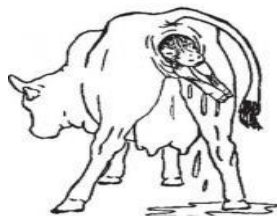


Top 20% on DBI



1% CD
283 d gest

2% CD
284 d gest



301kg
O+ 3+
44% in spec

310kg
O+ 3=
48% in spec



Difference

Assist 1% extra cows at calving

1 day longer in gestation

Summary

- DBI is a breeding index to select beef sires for the dairy herd
- Produces progeny with higher carcass performance
 - Little or no impact on calving traits
- **Sustainable beef sector needed for a sustainable dairy sector**