ICBF €uro-Stars

Background

The Beef €uro-Star breeding Index for Beef cattle that has been developed by ICBF reflects how much Profit a farmer can expect to realize from making a breeding decision. They are designed to help farmers increase return from cattle breeding and are based on available data on all animals in the the ICBF Cattle Breeding Database.

€uro-Stars - What do they mean?

Suckler Beef Value (SBV) Measure of the Overall Beef Value of an animal - combines Sub-Indices together.

Weanling Export Measure of genetic merit of a Bull to <u>produce profitable Weanlings.</u>

Beef Carcass
Measure of genetic merit of a Bull to <u>produce profitable Carcasses.</u>

Daughter Fertility Measure of genetic merit of a Bull to <u>produce daughters with good fertility.</u>

Daughter MilkMeasure of genetic merit of a Bull to <u>produce daughters with good milk production.</u>

€uro-Stars - Where does the information come from?

Index Information Source

Weanling Export 1. Individual on-farm & mart weanling weights (150-300 days old).

2. Individual weanling price/kg from mart sales.

3. Linear scoring information recorded by ICBF trained scorers.

4. Weaning weight & live weight information.

Beef Carcass 1. Carcass weight, conformation & fat data from Irish factories.

2. Feed intake measured at Tully Bull Performance Test Centre.3. Linear scoring information recorded by ICBF trained scorers.

4. Weaning weight & live weight information.

Daughter Fertility 1. Daughter age at first calving from calf birth records.

2. Daughter calving difficulty recorded through Animal Events.

3. Daughter calving interval from calf birth records.

4. Daughter survival to calve again from calf birth records.

Daughter Milk 1. On-farm & mart weaning weights (150-300 days old).

Other Key Traits Calving Difficulty:recorded at calving time through Animal Events.

 $\textbf{Gestation:} \ \text{data from females with mating \& calving dates recorded through Animal Events}.$

Docility: docility recorded through SCWS by farmer & docility recorded by linear scorer.

Reliablity % This is an indication of how much confidence can be placed in the evaluations.

N/A €uro-Star Indexes are sometimes not available due to the reliability % for that trait being too low

GROW Bar Graphs GROW (Genetic Recording of Weanlings) Bar Graphs show how an animal is expected

tobreed various traits.

BLUP Figures BLUP composite figures compress the individual scoring traits into Muscle, Skeletal &

Functional Composite figures.

€uro-Stars 5 Stars - Top 20% of the Breed. ★★★★ 4 Stars - Between Top 40% and

4 Stars = Between Top 40% and Top 20% of the Breed

3 Stars = Breed Average.

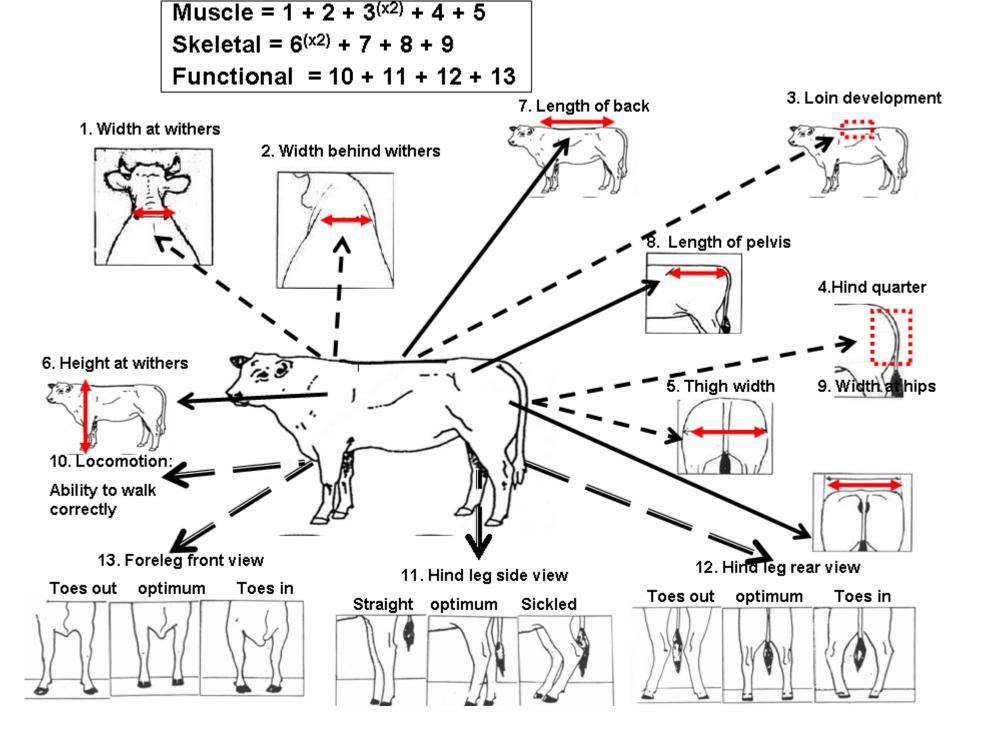
2 Stars = Between Bottom 40% & Bottom 20% of the Breed.

1 Star = Bottom 20% of the Breed.

Herdplus (R)

Herdplus^(R) is the ICBF Cattle Breeding Information Service for both Dairy and Beef farmers. Herdplus^(R) uses cattle breeding information to generate valuable reports for your herd. These reports will allow you to analyse your own herd's performance as well as allowing you compare your results with the National Average figures - all for €60/year!

To find out more about 'Herdplus', call ICBF today on 1850-600-900 or (www.icbf.com).



Breed Society Publication rules (from 1st January 2010)

- 1. Evaluations will be run once a month
- 2. For each monthly evaluation the cut-off date after which animals scored will not be included will be 15th day of the month.
- 3. New evaluations for linear and €uro-Stars will be available on the 1st week of the following month
- 4. Animals must be scored & weighed in a group of 5 (may include commercials) and between 150-300 days for their information to be included in the €uro-Stars and linear type trait evaluations.
- 5. Animals submitted for scoring must be on the farm for a minimum of 2 months
- 6. Groups scored with very large variation in condition score may be refused entry to the evaluation.
- Animals will have €uro-Stars or GROW linear graphs published with their performance included in the figures if:
 - Animal was scored in 150 300 age and in a group of 5 or more. The other animals in the group must also be in the 150 - 300 day age range.
- 8. Animals will have parental average €uro-Stars and GROW linear graphs if:
 - a. Animal was scored but was either outside the age range or in a group less than 5
- 9. Animals will have parental average €uro-Stars only published if:
 - a. Animal was not scored but a group of 5 was not possible
- 10. Animals will have ancestry information only published if:
 - a. Animal was not scored but a group of 5 was possible

Owner: James Shanahan - Ashtown Kilmacthomas Co Waterford	Male
Owner: James Shanahan - Ashtown Kilmacthomas Co Waterford	Maio
Sire: Minit Of Liss SBV = €32 (93%)	
Mountgordan Pride (MPD)	
Bell V1 Of SBV = €3 (23%)	
SBV = €-7 (96%) Knockadrinan Knockadrinan Warenia (Imp	0)
Dam: Tonroe Udi SBV = €26 (89%)	
Ashtown Bumble Bee Clonervy May	
Ashtown Una 2 SBV = €-10 (29%)	
IE351092690168 SBV = €5 (30%) Ashtown Una 2 SBV = €-10 (29%) Ashtown Siobhan	
€uro-Star Indexes	Relative
% Star Rating Indexes & Traits €uro-Value Reliability	Data Reliability Comment
6% ★ Suckler Beef Value (SBV) -€7 38%	High
15% ★ Weanling Export -€19 45%	High
11%	High
27% ★★ Daughter Fertility €41 20%	High
33% ★★ Daughter Milk €76 11%	Medium
Other Key Traits	
36% ★★ Calving Difficulty 2.4% 33%	Low
36% ★★ Gestation Length 33%	High
57% ★★★ Docility 46%	High
GROW Linear Score Evaluation (Within-Breed Percentiles) Animal scored. Linear scores and weaning weights in evaluations (Within	•
Width at withers Narrow Wide Reli Width behind withers Narrow Loin Development Thin Dev hind quarter Low Wide Reli Wide Thick Muscle 87 Selectal 91 S	Data Rank iability % 53% 11% 52% 15% 20% 60% cormance
Length of pelvis Short Long Average daily ga Feed efficency (dr	
Width at hips Narrow Dry matter intake	13.4
Breed percentile Poor On 10 20 30 40 50 60 70 80 90 100 Scan muscle depth (m	
End weight (kg)	710
Hind leg side view Straight Comm	ients
Hind leg rear view Toes out Toes in	
Fore leg front view Toes out Toes in	
Standard deviations -3 -2 -1 0 +1 +2 +3 from breed average	
Copyright, Irish Cattle Breeding Federation ICBF, April 2010.	

Lot 1	18 Ashtov	vn Elli	ot			Breed:	Angus
IF	E35109263022	0 D	OB: 12-Dec-20	08			Male
	_00:00_000_			maio			
Owne	er: James Shana	ahan - A	shtown Kilmac	thomas Co	Water	ford	
Sire:			Balvin Kingnin	ODV 650 (00%)	Connealy	Dateline	
	n Patriarch (VPI	47	Belvin Kingpin 24'00	SBV = €52 (23%)	Belvin Ge	orgina 52'95	
Deivi	ii i atiiaicii (Vi i	'/	Dalvin Ladv	ODV 650 (40%)	O G L Bat	tle Cry 427 128	1
	SBV =	€72 (74%)	Belvin Lady Blossom 22'02	SBV = €52 (19%)	Belvin La	dy Blossom 47	'97
Dam:			Poich Amozon 14a	CDV	Gv Duke	18c	
	own Una 2		Reich Amazon 14g	SBV = €-23 (68%)	Gv Sally 2	28u	
7 (0111)	5 W. I. G. I. G. Z				Shoreisla	nd Noble	
IE35109	92620087 SBV =	€-10 (29%)	Ashtown Siobhan	SBV = €-3 (20%)	Ashtown	Una	
		€	Euro-Star Inde	exes			
% Rank	Star Rating (within breed)	Inde	exes & Traits	€uro	o-Value	Data Reliability	Relative Data Reliability Comment
74%	****	Suckler	Beef Value (SBV)	€	40	33%	High
99%	****	Weanlin	g Export	€	19	40%	High
61%	***	Beef Ca	rcass	- 4	€6	42%	High
48%	***	Daughte	er Fertility	€	52	7%	Medium
52%	***	Daughte	er Milk	€	84	3%	Low
0_70			Other Key Tra	its		0.70	
13%		Calvina Di	-		3%	30%	Low
		Calving Di	-	.	70		_
70%	***	Gestation	Length			29%	Medium
70%	***	Docility				45%	High
	ROW Linear Score Animal scored. Linea		•	•			Composites in Breed)
W. 141	thers Narrow			<u> </u>	Wide	_	Data Rank
Width at wit Width behin					Wide	R	eliability %
Loin Develop			-		Thick	Muscle 111	52% 90%
Dev hind qua	arter Low				High	Skeletal 98	51% 38%
Thigh width	Narrow				Wide	Function 97	13% 34%
Height at wit	thers Small		-		Tall	Tully Do	erformance
Length of ba					Long		
Length of pe					Long	Average daily Feed efficency	_
Width at hip					Wide	Dry matter int	
Locomotion					Good	Scan muscle	•
Breed perc	centile 0 10	20 30	40 50 60 70	80 90 10	00	Scan fat depth End weight (kg	, ,
	F6	eet and Leg	Descriptions			Con	nments
Hind leg side	e view Straight				Sickled		
Hind leg rea	r view Toes out	_			Toes in		
Fore leg fron	nt view Toes out		-		Toes in		
Standard d from breed	-3	-2	-1 0 +1	+2 +3	3		
Copyrig	ht, Irish Cattle Breeding	Federation	ICBF, April 2010.				

Sire:	Lot '	19 Ashtov	vn Em	met			Breed:	Angus	
Sire: Belvin Patriarch (VPH) SBV = €72 (74%) Belvin Lady SBV = €52 (23%) 24'00 SBV = €52 (19%) Belvin Lady SBV = €51 (19%)			_		00		D . 000.		
Sire Belvin Patriarch (VPH) SBV = €72 (74%) Belvin Lady Belvin Georgina 52°95 Dam: SBV = €72 (74%) Belvin Lady Blossom 22°02 SBV = €52 (19%) Belvin Lady Blossom 22°02 SBV = €51 (19%) Belvin Lady Blossom 479°7 Rbip Lady Reidability Belvin Lady Blossom 479°7 Rbip Lady Reidability Reidability Belvin Lady Blossom 479°7 Rbip Lady Reidability Data Reidability Reidability Reidability Data Reidability Re	1E331092040221 DOB: 20-Dec-2008							Wate	
Belvin Patriarch (VPH)	Owne	er: James Shana	ahan - A	shtown Kilmac	thomas Co	Water	ford		
Belvin Patriarch (VPH) SBV = €72 (74%) Belvin Lady SBV = €52 (19%) Belvin Goorgina 5298 SBV = €72 (74%) Belvin Lady SBV = €52 (19%) SBV = €51 (93%)	Sire:			Belvin Kingnin	SBV - €52 (23%)	Connealy	Dateline		
SBV = \$\frac{\text{F2}}{\text{(74\%)}}		n Patriarch (VPI	4)		3BV = €32 (2376)	Belvin Ge	orgina 52'95		
SBV = €72 (74%) Blossom 22°02 Dam: Kbj Jetta 64d SBV = €51 (83%) Evening Tinge Of Rainbow Hills Evening Tinge Of Rainbow	50.71	(11	•,	Relyin Lady	SRV - €52 (10%)	O G L Bat	tle Cry 427 128		
Ashtown Andrea Eash Second Seco		SBV =	€72 (74%)		3BV = €32 (1976)	Belvin La	dy Blossom 47	'97	
Ashtown Andrea Evening Tinge of Rishbow Hills Reich Amazon 14g Reich Reich 14g R	Dam:	<u>.</u>		Khi letta 64d	SRV - €51 (93%)	Kbj Regal	l 61b		
E351092690143 SBV = €41 (34%) Ashtown Una 2 SBV = €-10 (29%) Ashtown Slobhan	Ashte	own Andrea		Noj octia o-a	367 = 631 (9376)	Evening 1	Tinge Of Rainbo	ow Hills	
E351092690143 SBV = €41 (34%) Ashtown Slobhan				A ali (a com I line a O		Reich Am	azon 14g		
Star Rating (within breed) Indexes & Traits Euro-Value Data Reliability Data Re	IE35109	92690143 SBV =	€41 (34% <u>)</u>	Ashtown Una 2	SBV = €-10 (29%)	Ashtown	Siobhan		
## Star Kating (within breed) ## Star Kating (within breed) ## A ** * * * * * * * * * * * * * * * *			€	Euro-Star Inde	exes		l	Dolotivo	
96% *** ** ** Weanling Export			Inde	exes & Traits	€urc	o-Value		Data Reliabil	-
Beef Carcass	81%	****	Suckler	Beef Value (SBV)	€	45	34%	High	
80% ★★★★ Daughter Fertility	96%		Weanlin	g Export	€	10	41%	High	
Tall Length of back Short Length of Pervis S	58%	***	Beef Ca	rcass	-	€8	42%	High	
Calving Difficulty 3% 31% Low 58% ★ ★ ★ Gestation Length Docility GROW Linear Score Evaluation (Within-Breed Percentiles) Animal scored. Linear scores and weaning weights in evaluations Width at withers Narrow Loin Development Thin Dev hind quarter Low Thigh width Narrow Height at withers Small Length of back Short Length of back Short Length of pelvis Short Width at hips Narrow Width at hips Narrow Hind leg side view Straight Hind leg side view Toes out Feet and Leg Descriptions Sickled Comments	80%	***	Daughte	er Fertility	€	68	7%	Medium	7
Calving Difficulty 3% 31% Low 31% Medium 46% High	73%	***	Daughte	er Milk	€	95	5%	Medium	1
Gestation Length Docility GROW Linear Score Evaluation (Within-Breed Percentiles) Animal scored. Linear scores and weaning weights in evaluations Width at withers Width duarter Low Unight at withers Short Length of pelvis Width at hips Narrow Width at hips Narrow Width at hips Narrow Breed percentile Feet and Leg Descriptions Gestation Length A6% High BLUP Composites (Within Breed) Buth Composites (Within Breed) Finck Reliability Muscle 107 52% 82% Skeletal 103 51% 61% Function 97 14% 34% Function 97 14% 34% Function 97 14% 34% Tully Performance Average daily gain (topiday) 2.2 Feed efficiency (minisals) 5.5 Feed deficency (minisals) 5.5 Scan fat depth (mm) 7.5 Scan fat depth (mm) 7.5 Scan fat depth (mm) 7.5 End weight (top) 666 Comments				Other Key Tra	its				
GROW Linear Score Evaluation (Within-Breed Percentiles) Animal scored. Linear scores and weaning weights in evaluations Width at withers Width at withers Wide Wide United Percentile Wide Wide Wide United Percentile Wide Wide Wide Wide Wide Wide Wide Wid	12%	*	Calving Di	fficulty	3	3%	31%	Low	
GROW Linear Score Evaluation (Within-Breed Percentiles) Animal scored. Linear scores and weaning weights in evaluations Width at withers Width behind withers Narrow Loin Development Thin Dev hind quarter Low Height at withers Small Length of pelvis Short Length of pelvis Short Length of pelvis Breed percentile Feet and Leg Descriptions Feet and Leg Descriptions Feet and Leg Descriptions Feet and Leg Descriptions For leg front view Toes out For leg front view Toes out Standard deviations from breed average BLUP Composites (Within Breed) Bata Rank Reliability % Muscle 107 52% 82% Skeletal 103 51% 61% Function 97 14% 34% Function 97 14% 34% Tully Performance Average daily gain (kg/dsy) 2.2 Feed efficency (dmi/adg) 5.5 Dry matter intake 12.2 Scan muscle depth (mm) 7.5 Scan fat depth (mm) 7.5 End weight (kg) 666 Comments	58%	***	Gestation	Length			31%	Medium	1
Animal scored. Linear scores and weaning weights in evaluations Width at withers Narrow Width behind withers Narrow Loin Development Dev hind quarter Low Thigh width Narrow Height at withers Small Length of back Short Length of pelvis Short Width at hips Narrow Locomotion Poor Feet and Leg Descriptions Feet and Leg Descriptions Wide U.ong Wide Wide Wide Wide Wide Wide Wide Wide U.ong Wide Wide Wide Wide Wide Wide Wide Wide U.ong Wide Wide Wide Wide Wide Wide Wide Wide U.ong Wide Wide U.ong U.ong Wide U.ong Wide U.ong U.ong U.ong Wide U.ong U.ong	70%	***	Docility				46%	High	
Width at withers Narrow Width behind withers Narrow Loin Development Thin Dev hind quarter Low Thigh width Narrow Height at withers Small Length of pelvis Short Locomotion Poor Breed percentile Feet and Leg Descriptions Feet and Leg Descriptions Feet and Leg Descriptions Feet and Leg Descriptions For leg front view Toes out Standard deviations from breed average Data Rank Reliability % Muscle 107 52% 82% Skeletal 103 51% 61% Function 97 14% 34% Function	G			•	•			•	
Thigh width Narrow Height at withers Small Length of back Short Length of pelvis Short Width at hips Narrow Locomotion Poor Breed percentile Feet and Leg Descriptions Feet and Leg Descriptions Free and Leg Descriptions Sickled Toes in Toe	Width behin	thers Narrow nd withers Narrow opment Thin				Wide Thick	R Muscle 107	Data Rai eliability %	%
Length of back Short Length of pelvis Short Width at hips Narrow Locomotion Poor Breed percentile Feet and Leg Descriptions Feet and Leg Descriptions Feet and Leg Descriptions From breed average Tully Performance Average daily gain (kg/day) 2.2 Feed efficency (dmi/adg) 5.5 Dry matter intake 12.2 Scan muscle depth (mm) 7.5 Scan fat depth (mm) 7.5 End weight (kg) 666 Comments Comments	1			-		J	Function 97	14% 34%	%
Length of back Short Length of pelvis Short Width at hips Narrow Locomotion Poor Breed percentile Feet and Leg Descriptions Find leg side view Straight Hind leg rear view Toes out Standard deviations from breed average Average daily gain (kg/day) 2.2 Feed efficency (dmi/adg) 5.5 Dry matter intake 12.2 Scan muscle depth (mm) 7.5 Scan fat depth (mm) 7.5 End weight (kg) 666 Comments	Height at wi	ithers Small				Tall	Tully Da	rformanco	
Width at hips Narrow Locomotion Poor Breed percentile Feet and Leg Descriptions Feet and Leg Descriptions Free and Leg Descriptions Free and Leg Descriptions Free and Leg Descriptions Sickled Toes in Toes in Toes in Toes in Toes out Standard deviations from breed average Feed efficency (dmi/adg) 5.5 Dry matter intake 12.2 Scan muscle depth (mm) 7.5 Scan fat depth (mm) 7.5 End weight (kg) 666 Comments						ŭ			2 2
Locomotion Poor Breed percentile Feet and Leg Descriptions Find leg side view Straight Hind leg rear view Toes out Fore leg front view Toes out Standard deviations from breed average Togod Good Good Good Scan muscle depth (mm) 75 Scan fat depth (mm) 7.5 End weight (kg) 666 Comments Comments						ŭ		•	
Breed percentile Feet and Leg Descriptions Find leg side view Straight Hind leg rear view Toes out Fore leg front view Toes out Standard deviations from breed average Standard deviations Toes in T	1	`					1 -		
Feet and Leg Descriptions Hind leg side view Straight Hind leg rear view Toes out Fore leg front view Toes out Standard deviations from breed average Feet and Leg Descriptions Comments Comments			20 30	40 50 60 70	80 90 10			• ' '	
Hind leg side view Straight Hind leg rear view Toes out Fore leg front view Toes out Standard deviations from breed average	Diccu perc			. Descriptions			_		66
Hind leg rear view Toes out Fore leg front view Toes out Standard deviations from breed average Toes in Toes in Toes in	Hind log cid.		Jot and Ley			Sickled	Con	iments	
Fore leg front view Toes out Standard deviations from breed average Toes in	_	_							
from breed average									
Copyright, Irish Cattle Breeding Federation ICBF, April 2010.		-3	-2	-1 0 +1	+2 +3	3			
			Federation	ICBF, April 2010.					

Lot 2	20 Rathna	afisho	gue Ferdi			Breed:	Angus
IE	E11124261006	3 D	OB: 08-Jan-20	09			Male
Owne	r: Henry Kenny	· - Rathn	afishogue Hac	ketstown C	o Carlo	ow	
Sire:			Mon Line Nord	SBV = €30 (24%)	Ankelbo I	≣go	
Nakk	eg Nord 913 (Nh	(N)			Fanefjord		
	CDV -	- £24 (000/ \	Nakkeg Iv Donna	SBV = €33 (22%)		Ranchers Choi	
		: €34 (88%)			Nakkegar	Eventer 2nd	
Dam:			Lawsons Ford	SBV = €62 (97%)		Of Lawsons F	ord
Rathi	nafishogue Carl	a	Bagatelle Z094		_	tinction 17g	
IE11124	42680037 SBV =	= €60 (33%)	Owenmore Wilma	SBV = €34 (29%)		e Pauline	
		€	uro-Star Inde	exes			
% Rank	Star Rating (within breed)	Inde	exes & Traits	€uro	-Value	Data Reliability	Relative Data Reliability Comment
95%	****	Suckler	Beef Value (SBV)	€	65	37%	High
93%	****	Weanlin	g Export	+	€7	45%	High
99%	****	Beef Ca	rcass	€	25	45%	High
20%	★	Daughte	er Fertility	€	37	13%	Medium
28%	**	Daughte	er Milk	€	73	6%	Medium
			Other Key Tra	its			
6%	*	Calving Di	fficulty	3.	4%	34%	Low
70%	***	Gestation	Length			33%	High
89%	****	Docility				45%	High
G	ROW Linear Score Animal scored. Linea		•	•			Composites in Breed)
Width at wit Width behin Loin Develop Dev hind qua Thigh width Height at wit Length of ba Length of pe Width at hip Locomotion Breed perco Hind leg side Hind leg rea Fore leg from	pment Thin arter Low Narrow thers Small ack Short blus Short bs Narrow Poor entile 10 Fe eview Straight ar view Toes out the view Toes out leviations -3	eet and Leg	40 50 60 70 J Descriptions	80 90 10	Sickled Toes in Toes in	Muscle 109 Skeletal 108 Function 98 Tully Pe Average daily Feed efficency Dry matter into Scan muscle of Scan fat depth End weight (kg	y (dmi/adg) 6.7 ake 12 depth (mm) 76 n (mm) 6 o) 664 nments et bull. Dam
from breed	l average			, <u> </u>	-		
Copyrig	nht, Irish Cattle Breeding	g Federation	ICBF, April 2010.				

Lot 21 **Mogeely Lord Harro J002 Breed: Angus** IE151739521002 Male DOB: 20-Jan-2009 Owner: Albert De Cogan - Killamuckey Castlemartyr Co Cork F A R Krugerrand 410h Sire: **Mosstown Muir El** Cudlobe Eline 46c Et Krugerrand **Mosstown Muir Lord Ringo** F138 (UK540221700138) Mosstown Muir Lady Renne Y051 **Ballinwing Knight** Dam: **Lord Ivor Of** SBV = €35 (27%) Mogeely Lady Iris Mogeely Lady Helga A404 Cahirmee **Drumcrow Lagoon** Mogeely Lady Hazel SBV = €22 (29%) SBV = €33 (20%) IE151739560404 **Heathlands Lady Renne O21 €uro-Star Indexes** Relative Star Rating Data **Indexes & Traits** €uro-Value Data Reliability Rank Reliability (within breed) Comment $\star\star\star$ 59% Suckler Beef Value (SBV) €31 26% Medium -€12 37% Weanling Export 35% High *** -€2 34% 72% **Beef Carcass** High N/A 0% Too Low N/A N/A Daughter Fertility N/A N/A N/A **Daughter Milk** 1% Too Low Other Key Traits **** 0.9% 98% **Calving Difficulty** 38% Medium N/A N/A **Gestation Length** 3% Too Low $\star\star\star$ 44% **Docility** 37% High **GROW Linear Score Evaluation (Within-Breed Percentiles) BLUP Composites** (Within Breed) Animal scored. Linear scores and weaning weights in evaluations Data Rank Narrow Wide Width at withers Reliability % Wide Width behind withers Narrow 48% Muscle 105 75% Thick Loin Development Thin Skeletal 111 46% 86% Dev hind quarter High Low Function 113 10% 91% Thigh width Wide Narrow Small Tall Height at withers **Tully Performance** Length of back Short Long Average daily gain (kg/day) 2 Short Length of pelvis Long Feed efficency (dmi/adg) 6.2 Wide Width at hins Narrow Dry matter intake 12.4 Locomotion Poor Good Scan muscle depth (mm) 69 Scan fat depth (mm) 10 20 **4**n 90 100 **Breed percentile** End weight (kg) 624 **Feet and Leg Descriptions** Comments His sire, Muir Lord Ringo Sickled Straight Hind leg side view was first in his class in Toes in Hind leg rear view Toes out Perth. Toes in Fore leg front view Toes out Standard deviations +2 from breed average Copyright, Irish Cattle Breeding Federation ICBF, April 2010.

Rathnafishogue Flamin Red Lot 22 **Breed: Angus** IE111242620064 Male DOB: 25-Jan-2009 Owner: Henry Kenny - Rathnafishogue Hacketstown Co Carlow VDAR Lucys Boy Sire: Spangager V D A R Beauty 4061 **Beauty'S Boy Spangager Tommy Boy** (TMZ) **Spangager Nicoline** SBV = €55 (17%) **Mon Line Nord** Dam: Nakkeg Nord 913 SBV = €34 (88%) **Nakkeg Iv Donna** Rathnafishogue Cailin Fullam Ebony Z101 Leggahill Winnifred SBV = €17 (22%) SBV = €35 (28%) IE111242630040 Corduff Lady Joan **€uro-Star Indexes** Relative Star Rating Data **Indexes & Traits** €uro-Value Data Reliability Rank Reliability (within breed) Comment **** 94% Suckler Beef Value (SBV) €62 23% Medium **** Weanling Export €22 36% 99% High **** **Beef Carcass** €18 34% 97% High N/A 0% Too Low N/A N/A Daughter Fertility N/A N/A **Daughter Milk** N/A 1% Too Low Other Key Traits 18% Too Low N/A **Calving Difficulty** *** 63% **Gestation Length** 14% Medium 14% 34% High **Docility GROW Linear Score Evaluation (Within-Breed Percentiles) BLUP Composites** (Within Breed) Animal scored. Linear scores and weaning weights in evaluations Data Rank Wide Width at withers Narrow Reliability % Wide Width behind withers Narrow 45% Muscle 100 55% Thick Loin Development Thin Skeletal 118 44% 95% Dev hind quarter High Low Function 103 64% 8% Thigh width Wide Narrow Small Tall Height at withers **Tully Performance** Length of back Short Long Average daily gain (kg/day) 2.3 Short Length of pelvis Long Feed efficency (dmi/adg) 4.4 Wide Width at hins Narrow Dry matter intake 10.2 Locomotion Poor Good Scan muscle depth (mm) 73 Scan fat depth (mm) 3.8 10 20 **4**n ᇷ 90 100 **Breed percentile** End weight (kg) 706 **Feet and Leg Descriptions** Comments Total outcross for Red Sickled Straight Hind leg side view Angus. Very growthy bull Toes in Hind leg rear view Toes out out of a well muscled Toes in Fore leg front view Toes out dam. Standard deviations +2 from breed average Copyright, Irish Cattle Breeding Federation ICBF, April 2010.

Lot 2	23 Westel	llen Mr	Bordello J	677		Breed:	Angus	 S
IE	E15180103067	7 D	OB: 01-Feb-20	09			Male)
Owne	r: John Tait - W	/estwoo	d Rostellan Mid	dleton Co C	ork			
Sire:			Netherton Eastern Cruz	SBV = €90 (67%)	Dalrene C	Cruz 11f		
	broney Casper 1390190312) SBV =	: €44 (38%)	Clonbroney Una	SBV = €6 (33%)	Bohey Le	eo ey Patricia		
Dam:	k Miss Babs E5	40	Cavetown Wandering Star	SBV = €50 (44%)	Lawsons	Ford Bagatelle	Z094	
		: €59 (18%)	Knock Miss Babs	SBV = €53 (18%)	Ballycahe Knock Ba	er Jewel abs 7th Of Knoc	k	
		€	uro-Star Inde	exes				
% Rank	Star Rating (within breed)	Inde	exes & Traits	€ur	o-Value	Data Reliability	Relat Data Rel Comn	liability
98%	****	Suckler	Beef Value (SBV)	•	€76	27%	Medi	ium
99%	****	Weanlin	g Export	•	€21	36%	Hig	gh
99%	****	Beef Ca	rcass	•	≣32	35%	Hig	j h
24%	**	Daughte	er Fertility	•	≣39	3%	Lo	W
19%	★	Daughte	er Milk	•	€68	5%	Medi	ium
			Other Key Tra	aits				
8%	*	Calving Di	fficulty	3	.3%	34%	Lo	W
48%	***	Gestation	Length			7%	Lo	W
4%	★	Docility				38%	Hig	γh
G	ROW Linear Score						compositin Breed	
Width at wit		i scores an	u wearing weights in	Tevaluations	Wide		Data eliability	Rank
Width behin			-		Wide			
Loin Develop			-		Thick	Muscle 112 Skeletal 108	48% 46%	92% 79%
Dev hind qua Thigh width			-		High Wide	Function 116	11%	95%
Height at wi			-		Tall	T. II. Da	.	
Length of ba			-		Long	Tully Pe		
Length of pe			-		Long Wide	Average daily great Feed efficency	_) 2.5 5
Width at hip Locomotion					Good	Dry matter inta		12.5 80
Breed perc	centile 0 10	20 30	40 50 60 70	0 80 90 1	7 00	Scan fat depth	(mm)	4.9
	Fe	eet and Leg	Descriptions			End weight (kg)	ments	704
Hind leg side	e view Straight				Sickled		-	
Hind leg rea	r view Toes out		<u> </u>		Toes in			
Fore leg from	nt view Toes out		-		Toes in			
Standard d from breed	-S	-2 .	1 0 +1	+2	+3			
Copyrig	nht, Irish Cattle Breeding	Federation	ICBF, April 2010.					

Lot 24 Sneemore Prince J295 Breed: Angus IE231251110295 DOB: 09-Feb-2009 Male Owner: Paddy Farrell - Ballinwing Leitrim P O Carrick On Shannon Co Leitrim Sire: Hoff Charger S C 242 Hoff Limited Edition Sc 594 Hoff Boss Lady S C 3v9 Sandy Bar Duchess 333g Bar 20 Rainmaker 344d Sandy Bar Duchess 1a Camput Sev = €62 (97%) Bar 20 Rainmaker 344d Sandy Bar Duchess 1a Lawsons Ford Bagatelle Z094	
Owner: Paddy Farrell - Ballinwing Leitrim P O Carrick On Shannon Co Leitrim Sire: Hoff Limited Edition Hoff Charger S C 242 Hoff Limited Edition Hoff Boss Lady S C 3v9 Bar 20 Rainmaker 344d Sandy Bar Duchess 33g Dam:	
Sire: Bj'S No Limits 15s (JLS) SBV = €33 (44%) Biys No Limits 15s (JLS) Sandy Bar Duchess 33g Lawsons Ford SBV = €62 (97%) Hoff Charger S C 242 Hoff Boss Lady S C 3v9 Bar 20 Rainmaker 344d Sandy Bar Duchess 1a	
Sire: Bj'S No Limits 15s (JLS) Hoff Limited Edition Sc 594 Hoff Boss Lady S C 3v9 Bar 20 Rainmaker 344d Sandy Bar Duchess Sandy Bar Duchess 1a Lawsons Ford SBV = €62 (97%) Rawburn Eventer 2nd	
BJ'S No Limits 15s (JLS) SBV = €33 (44%) Sandy Bar Duchess 33g Bar 20 Rainmaker 344d Sandy Bar Duchess 1a Rawburn Eventer 2nd	
SBV = €33 (44%) Sandy Bar Duchess 33g Sandy Bar Duchess 1a Lawsons Ford SBV = €62 (97%) Rawburn Eventer 2nd	
Dam: Lawsons Ford SBV = €62 (97%) Rawburn Eventer 2nd	
Lawsons Ford SBV = €62 (97%)	
Sneemore Petal D178 Bagatelle 2094	
Bohey Jasper	
IE231251180178	
€uro-Star Indexes	
% Star Rating Indexes & Traits € uro-Value Reliability Comm	ability
99% ★★★★ Suckler Beef Value (SBV) €81 31% Hig	
99% ★★★★ Weanling Export €34 39% Hig	h
99% ★★★★ Beef Carcass €30 36% Hig	h
N/A N/A Daughter Fertility N/A 0% Too L	.ow
32% ★★ Daughter Milk €75 4% Lo	N
Other Key Traits	
24%	h
56% ★★★ Gestation Length 15% Medi	u m
96% ★★★★ Docility 43% Hig	h
GROW Linear Score Evaluation (Within-Breed Percentiles) Animal scored. Linear scores and weaning weights in evaluations BLUP Composite (Within Breed)	
Width at withers Narrow Width behind withers Narrow Loin Development Thin Dev hind quarter Low Thigh width Narrow Data Reliability Wide Thick High Skeletal 109 46% Function 94 11%	98% 82% 25%
Height at withers Small Length of back Short Length of pelvis Short Width at hips Narrow Tully Performanc Average daily gain (kg/day) Feed efficency (dmi/adg) Dry matter intake	2.6 5.5 14.4
Region Poor Community Com	79 9.3
Feet and Leg Descriptions End weight (kg) Comments	776
Hind leg side view Straight Hind leg rear view Toes out Fore leg front view Toes out Standard deviations from breed average Sickled Toes in T	ships a
Copyright, Irish Cattle Breeding Federation ICBF, April 2010.	

Lot 2	25 Liss M	lyles J	986			Breed:	Angus	3
IE	E28107424098	86 D	OB: 18-Feb-20	09			Male	
Owne	er: Mr John Mce	enroe - L	iss Oldcastle C	o Meath				
Sire:		Tla North	ern Samurai					
	oe Lord James I	D21/	Galcantray Preditor V9	SBV = €55 (73%)	Netherton	Pam L32		
	1629890214)	DZ 14	Tonroe Rachael	CDV	Bohey Le	0		
(IL31	SBV =	= €47 (66%)	Tonroe Rachaei	SBV = €4 (38%)	Moorland	Mary Ann		
Dam:			Ebon Hill Extra Gold	l epv - £42 (240/)	Ebon Hill	Extra Gold 31'9)5	
Liss I	Miylo D599		15'97 lmp	1 3BV = €42 (31 /6)	Ebon Hill	lna 267'91		
	,		Lie Mide D404		Gigginsto	wn Rolls Royc	e E.T.	
IE28107	74250599 SBV =	= €61 (22%)	Liss Miylo B434	SBV = €56 (39%)	Miylo Of L	iss		
		€	Euro-Star Inde	exes			Dolot	
% Rank	Star Rating (within breed)	Inde	exes & Traits	€uro	-Value	Data Reliability	Relati Data Reli Comm	iability
92%	****	Suckler	Beef Value (SBV)	€	58	32%	Hig	ıh
96%	****	Weanlin	g Export	€	11	41%	Hig	ıh
96%	****	Beef Car	rcass	€	15	40%	Hig	ıh
74%	***	Daughte	er Fertility	64	3%	Lo	W	
10%	★	Daughte	er Milk	€	57	11%	Medi	um
			Other Key Tra	its				
88%	****	Calving Di	fficulty	1.	4%	38%	Medi	um
31%	**	Gestation	Length			16%	Medi	um
79%	***	Docility				43%	Hig	ıh
G	ROW Linear Score		•	•			Composite in Breed)	
Width at wit Width behin Loin Develop Dev hind qu Thigh width Height at wi Length of ba Length of pe Width at hip Locomotion Breed perc	nd withers Narrow pment Thin parter Low n Narrow pithers Small pack Short ps Narrow n Poor peentile 0 10		40 50 60 70 Descriptions	80 90 10		Muscle 120 Skeletal 107 Function 110 Tully Pe Average daily Feed efficency Dry matter into Scan muscle of Scan fat depth End weight (kg	(dmi/adg) ake depth (mm)	98% 77% 85% ee 2.1 5.1 10.7 73 7.4 594
Hind leg side					Sickled			
Hind leg rea Fore leg fror	_				Toes in Toes in			
Standard d	deviations -3	-2	-1 0 +1	+2 +3				
	ght, Irish Cattle Breeding	n Federation	ICRE April 2010					
Copyrig	jin, mon Came Dieeding	, i cueranon	10DI , πρι 12010.					

Lot 2	26 Carrig	roe F C) Dbama			Breed:	Angus
IE	E14140272090	0 DO	OB: 10-Mar-20	09			Male
Owne	r: Frank Appell	oe - Carr	igroe House Cl	onakilty Co	o Cork		
Sire:			Arda Stockman 169		Southolm	Stockman	
	Poker 13p (S7	00)	7 ii da Gtodiiii aii 100		Arda Barl	oara	
		•	Reich Blackcap 18k	SBV = €40 (4%)	Belvin Gr	aphite 15'97	
	SBV =	: €30 (12%)			Reich Bla	ckcap 37e	
Dam:			Cashelane Bowie	SBV = €96 (67%)	Coldstrea	m Genetic Trer	nd 80f
Carrio	groe Lady Jane	D489	A337		Cashelan	e Bambi	
			Reacarrigeen Lady	SBV - £17 (14%)	Everet Of	Cullen	
IE14140	2740489 SBV =	: €63 (25%)	Julie A076	36V = €17 (14%)	Reacarrig	jeen Lovell	
		€	uro-Star Inde	exes		Ī	Deletive
% Rank	Star Rating (within breed)	Inde	exes & Traits	€ur	o-Value	Data Reliability	Relative Data Reliability Comment
85%	****	Suckler	Beef Value (SBV)	•	€48	25%	Medium
99%	****	Weanlin	g Export	•	€21	36%	High
89%	****	Beef Car	rcass	:	€8	34%	High
N/A	N/A	Daughte	er Fertility	1	N/A	0%	Too Low
N/A	N/A	Daughte	er Milk	1	N/A	0%	Too Low
			Other Key Tra	its			
40%	***	Calving Di	fficulty	2	.3%	32%	Low
N/A	N/A	Gestation	Length			1%	Too Low
74%	***	Docility				35%	High
	ROW Linear Score		•	•			Composites in Breed)
	Animal scored. Linea	r scores an	d weaning weights in	evaluations		(VVILII	Data Rank
Width at with	hers Narrow		-		Wide	R	eliability %
Width behind					Wide	Muscle 91	44% 19%
Loin Develop					Thick	Muscle 91 Skeletal 109	43% 82%
Dev hind qua			-		High	Function 94	7% 25%
Thigh width Height at wit	Narrow Thers Small		-		Wide Tall		
Length of ba					Long	Tully Pe	rformance
Length of pel					Long	Average daily	
Width at hips					Wide	Feed efficency	
Locomotion	Poor				Good	Dry matter into	
Breed perce	entile 0 10	20 30	40 50 60 70	80 90 1	00	Scan fat depth	
	F	eet and Leg	Descriptions			End weight (kg	ments
Hind leg side	view Straight				Sickled		arrigroe Lady
Hind leg rear	_				Toes in	Jane was tv	vice all Ireland
Fore leg fron	t view Toes out				Toes in	irish Angus Obama, hin	champion. nself was prize
Standard defrom breed	-3	-2 -	1 0 +1	+2 -	+3	winner at th	•
Copyrigi	ht, Irish Cattle Breeding	Federation	ICBF, April 2010.				

Lot 2	27 Carrigi	roe Ea	rl 906			Breed:	Angus
IE	E14140278090		DB: 16-Mar-20	09			Male
Owne	r: Frank Appell	oe - Carri	igroe House Cl	onakilty Co	Cork		
Sire: Coldstream Genetic SBV = €14 (34%)							Ss] Imp
	elane Bowie A3	37	Trend 80f	3BV = €14 (34%)	Knights B	Blackbird 9y [Et] Imp
	1139370337)		Cashelane Bambi	SBV = €61 (40%)	Bohey Ja	sper	
(1217	SBV =	: €96 (67%)	Cashelane Ballibi	3BV = €01 (40%)	Cartron-R	loe Karen	
Dam:			Everet Of Cullen	SBV = €13 (20%)	Duke Of C	Cullen	
Carrio	groe Verona B3	28	Everet or ouner	3BV = €13 (2076)	Evening C	Of Cullen	
•	5		D		Ballyshan	non David	
IE14140)2780328 SBV =	: €16 (19%)	Reacarrigeen Kirginia	SBV = €13 (11%)	1792 Virg	inia Of Murragh	1
		€	uro-Star Inde	exes			
% Rank	Star Rating (within breed)	Inde	xes & Traits	€uro	-Value	Data Reliability	Relative Data Reliability Comment
96%	****	Suckler	Beef Value (SBV)	€	66	32%	High
96%	****	Weanling	g Export	€	11	40%	High
96%	****	Beef Car	cass	€	15	42%	High
83%	****	Daughte	r Fertility	€	70	10%	Medium
N/A	N/A	Daughte	r Milk	N	l/A	1%	Too Low
			Other Key Tra	its			
7%	*	Calving Dif			3%	41%	High
N/A	N/A	Gestation I	Length			6%	Too Low
82%	****	Docility	J			40%	High
		-	on (Within Brood	Doroontiloo\			
	ROW Linear Score Animal scored. Linear		•	•			Composites in Breed)
							Data Rank
Width at with Width behind			-		Wide Wide	R	deliability %
Loin Develop			-		Thick	Muscle 106	47% 78%
Dev hind qua					High	Skeletal 112	45% 88%
Thigh width	Narrow				Wide	Function 105	8% 72%
Height at wit	thers Small				Tall		
Length of bac	ck Short				Long	Tully Pe	erformance
Length of pel	lvis Short				Long	Average daily	•
Width at hips	s Narrow				Wide	Feed efficency Dry matter into	
Locomotion	Poor				Good	Scan muscle	depth (mm) 70
Breed perce	entile 0 10	20 30	40 50 60 70	80 90 10	0	Scan fat depth End weight (kg	, ,
	Fe	eet and Leg	Descriptions			_	nments
Hind leg side	eview Straight				Sickled	His sire Bo	wie, has a very
Hind leg rear	r view Toes out		<u></u>		Toes in	_	and has bred
Fore leg fron	at view Toes out				Toes in	many cham	ipions.
Standard de from breed	-3	-2 -	1 0 +1	+2 +3	3		
Copyrigi	ht, Irish Cattle Breeding	Federation	ICBF, April 2010.				

Lot 28 Millbrae Black Bobby J386 **Breed: Angus** UK918195202386 Male DOB: 17-Mar-2009 Owner: Rev Sean Moore - Carglisgarron Derrynoose Armagh **Breeder: Ireland - Highfield House Bandon** Hoff Charger S C 242 Sire: **Hoff Limited Edition** Hoff Boss Lady S C 3v9 Sc 594 Bj'S No Limits 15s (JLS) Bar 20 Rainmaker 344d Sandy Bar Duchess SBV = €33 (44%) Sandy Bar Duchess 1a 33g Jeremy Eric Of Bridgefoot Dam: **Idvies Paris B102** SBV = €71 (55%) Fairoaks Parba W26 Millbrae Black Beth F283 1833 Percival Of Windsole **Black Balance 5th** SBV = €24 (11%) UK91819522283 Of Gilkey **€uro-Star Indexes** Relative Star Rating Data **Indexes & Traits** €uro-Value Data Reliability Rank Reliability (within breed) Comment 20% Suckler Beef Value (SBV) €7 25% Medium **** €2 85% Weanling Export 36% High **-€30** 32% 12% **Beef Carcass** High 7% €25 1% Daughter Fertility Low N/A N/A N/A **Daughter Milk** 0% Too Low Other Key Traits 2.1% 50% $\star\star\star$ **Calving Difficulty** 26% Low 40% **Gestation Length** 14% Medium *** 62% **Docility** 40% High **GROW Linear Score Evaluation (Within-Breed Percentiles) BLUP Composites** (Within Breed) Animal scored. Linear scores and weaning weights in evaluations Data Rank Narrow Wide Width at withers Reliability % Wide Width behind withers Narrow 46% Muscle 84 7% Thick Loin Development Thin Skeletal 99 44% 42% Dev hind quarter Low High **Function 111** 87% Thigh width Narrow Wide Small Tall Height at withers **Tully Performance** Length of back Short Long Average daily gain (kg/day) 2.3 Short Length of pelvis Long Feed efficency (dmi/adg) 5.3 Wide Width at hins Narrow Dry matter intake 12.3 Locomotion Poor Good Scan muscle depth (mm) 79 Scan fat depth (mm) 20 **4**n 90 100 **Breed percentile** End weight (kg) 620 **Feet and Leg Descriptions** Comments A heifers calf. Member of Sickled Straight Hind leg side view AFBI health scheme and Toes in Hind leg rear view Toes out herd is free of BVD. Toes in Fore leg front view Toes out Johne's, TB and Brucellosis. Standard deviations +2 from breed average Copyright, Irish Cattle Breeding Federation ICBF, April 2010.

Lot 29 Athen	ry Pau	I J608			Breed:	Angus
IE18141186060)8 D	OB: 28-Mar-20	09			Male
Owner: Thomas Kell	y - Ivy H	se Castlelambe	ert Athenry	Co Ga	lway	
Sire:		Wedderlie Netmark	SRV - €63 (27%)	Tui Black	mark	
Rawburn Lord Rock	et F609	A281	051 = 000 (2170)	Wedderlie	e Netlady	
(RWB)		Rawburn Lady Ross	S SBV = €75 (26%)	Rawburn	Transformer	
SBV:	= €48 (44%)	A105		Rawburn	Lady Ross	
Dam:		Rawburn Eventer	SBV = €91 (68%)	Princely U	J113 Of Newca	irnie
Tiquin Patraice D022	<u> </u>	2nd		Rawburn		
		Oran Rebecca	SBV = €-5 (27%)	Proud Bo	y Of Dunlever	
IE181906660022 SBV :	= €29 (26%))	. ,	Yevad Ha	rmony Apple	
	€	≣uro-Star Inde	exes			
% Star Rating Rank (within breed)	Inde	exes & Traits	€uro	o-Value	Data Reliability	Relative Data Reliability Comment
26% ★★	Suckler	Beef Value (SBV)	€	12	30%	Medium
63% ★★★★	Weanlin	g Export	-:	€6	39%	High
20%	Beef Ca	rcass	-€	€25	34%	High
23% ★★	Daughte	er Fertility	€	39	1%	Low
95% ***	Daughte	er Milk	€	127	4%	Low
		Other Key Tra	nits			
1% ★	Calving Di	ifficulty	Ę	5%	39%	Medium
99% ***	Gestation	Length			24%	Medium
66% ***	Docility				37%	High
GROW Linear Scor	e Evaluati	ion (Within-Breed	Percentiles)		BLUP (Composites
		nd weaning weights in	•			in Breed)
Width at withers Narrow Width behind withers Narrow Loin Development Thin Dev hind quarter Low Thigh width Narrow				Wide Wide Thick High Wide	Muscle 90 Skeletal 86 Function 86	Data Rank Reliability % 45% 17% 44% 6% 8% 8%
Height at withers Small Length of back Short Length of pelvis Short Width at hips Narrow				Tall Long Long Wide	Average daily Feed efficency	y (dmi/adg) 5.9
Locomotion Poor				Good	Dry matter int Scan muscle	
Breed percentile 0 10	20 30	40 50 60 70	80 90 10	00	Scan fat depti	h (mm) 6.1
F	eet and Leg	g Descriptions			_	nments
Hind leg side view Straight]		Sickled		
Hind leg rear view Toes out		-		Toes in		
Fore leg front view Toes out		 		Toes in		
Standard deviations from breed average		-1 0 +1	+2 +	3		
Copyright, Irish Cattle Breeding	g Federation	ICBF, April 2010.				

F