



CENTRAL PERFORMANCE BEEF TEST REPORT

November 2004

Attached are the detail performance test results of the performance test beef bulls which recently completed their central performance test in the beef testing station at Tully, Co Kildare.

Performance testing at the Tully test Centre

Central performance testing is an important part of the national programme for the genetic improvement of beef cattle in Ireland and provides very important information for use in selecting bulls for entry into AI. The testing is organised by I C B F, the Irish Cattle Breeding Federation in conjunction with the Department of Agriculture and Food and the Breed Associations. This test involves the testing of selected beef bulls of various breeds from many herds and their evaluation under uniform conditions of feeding, housing and management in order to identify the genetically superior bulls. Central performance testing enables more accurate estimates of breeding values of potential breeding bulls to be obtained at an early stage in contrast to an on-farm or progeny test. Bulls enter the test station at approximately 6 months of age having passed a thorough health test. They remain on test for approximately six months. They are fed to appetite on a high quality diet. It is the only way by which the economically important feed conversion efficiency trait can be accurately evaluated.

Traits Measured and Evaluated

Many traits including Growth Rate, Feed Conversion Efficiency, Carcass Merit and Withers Height are recorded. Carcass merit is evaluated by recording eye muscle area and fat area using ultrasound scanning equipment at 500 kgs.

The recorded traits are combined to give three sub-indices as follows:-

- Growth Index which is calculated primarily from the adjusted final weight and withers height of the bull;
- Feed Conversion Index;
- Carcass Merit Index which is calculated from the eye muscle area, fat area and visual muscling score of the bull;

Finally the sub-indices are combined to give an overall index of merit called the BEEF MERIT INDEX. Approximately equal weightings are given to each of these three sub-index in the calculation of this overall index. The report also includes the linear muscle BLUP evaluation for those breeds for which this evaluation is calculated.

The interpretation of these Indices

The breed means for the beef merit index and the sub-indices are set to reflect a national breed average of 100. The standard deviations of the indices are set to 10. Bulls scoring 110 or greater in any indices are expected to come from the top 15% of the population and bulls scoring 90 or less are expected to come from the bottom 15% of the population for that index. In the case of the linear BLUP evaluations a base of 100 is assigned to the average of animals born in 1995 for each breed.

By choosing a bull from the top of its breed for genetic merit, a beef producer can expect to increase overall profitability by reducing production costs through better feed efficiency and growth rate and increasing carcass value.

Issued by the Irish Cattle Breeding Federation
Web Address www.icbf.com

SUMMARY REPORT OF PERFORMANCE TEST RESULTS FOR BULLS ENDING TEST IN NOVEMBER 2004

Evaluations generated and Issued by the Irish Cattle Breeding Federation

NAME OF BULL	BULL BREED NO.	AGE at start	ADG	ADG	ADJUSTED	WITHERS	ADJUSTED	EYE	FAT	GENETIC	INDICES	FOR	OVERALL	
			pre test (kg)	on test (kg)	FINAL WEIGHT 400 days	HEIGHT (cm)	FEED CONV	MUSCLE AREA (cm sq)	AREA (cm sq)	GROWTH RATE	FEED EFFIC- IENCY	CARCASS MERIT	BLUP LINEAR MUSCLE	BEEF MERIT INDEX
CREOGUE ENFORCER	AA S0111	254	1.33	1.84	629	124	5.64	112	5.7	111	108	125		114
AUGHNAMONA BOLDLEADER	AA S0137	291	1.63	1.92	701	129	5.61	114	7.6	124	108	123		121
ARDCLOONE UMBRA	BA S0021	355	1.13	2.46	538	131	4.09	128	1.5	91	120	116		106
CROSSDRUM UNIVERSE (ET)	CH S0027	281	1.68	1.62	697	136	4.89	111	.6	110	111	111	129	112
CARRENTRILLA ULIC	CH S0103	271	1.40	1.97	660	130	5.67	120	.9	102	98	120	112	104
GIBBSTOWN UMBRO	CH S0107	280	1.13	1.96	581	128	5.06	125	1.1	87	109	126	123	102
ASHLAWN UTAH	CH S0184	262	1.51	1.99	700	138	5.68	101	2.7	111	98	94	115	102
KILRONAN BENZ	HH S0165	231	1.67	1.92	720	129	5.06	116	4.8	126	114	131		127
UDEL 1 T62 WEXFORDIAN (P)	HH S0576	237	1.33	2.09	680	130	5.43	113	6.6	119	108	124		118
KILLOEPOLL 1 BOB (P)	HH S1103	353	1.20	1.80	529	122	5.37	81	5.5	87	109	97		94
KILLOE PADDY (X)	HH S6108	274	1.47	2.00	668	123	4.88	113	4.2	114	117	131		122
BANDON U17 ET	LM S0017	256	1.39	1.95	645	128	5.11	124	1.6	114	108	119	110	115
BANDON U19 ET	LM S0019	250	1.34	1.65	611	129	5.88	125	2.6	107	95	118	112	105
MURLEN UGO	LM S0034	270	1.33	1.66	586	136	5.64	122	2.5	105	99	115	124	104
ARDFERT UMAN	LM S0094	223	1.29	1.43	574	130	6.26	122	1.9	100	88	117	119	98
MINEARE UNITED	LM S0108	287	1.36	1.62	592	136	5.18	115	3.4	106	106	103	114	105
MINEARE UPA	LM S0109	278	1.21	1.67	565	137	5.38	116	3.1	100	103	105	107	101
KILMORE USHER	LM S0168	263	1.26	1.90	584	130	5.18	111	1.5	102	106	104	123	103
BALLINAHINCH UNIQUE	LM S0173	264	1.40	1.44	596	139	6.05	121	2.1	108	92	115	119	103
LOCH CIARAIN ULLA	LM S0194	230	1.08	1.90	567	136	5.12	113	1.0	101	108	106	107	103
CLONOLA ULTAN	LM S0198	261	1.24	1.64	594	136	5.85	122	.4	106	95	120	113	105
ELITE UPICE ET	LM S0274	322	1.25	2.07	578	139	4.54	124	3.2	104	117	115	115	112
ELITE UBLITZ ET	LM S0278	317	1.41	1.92	598	136	4.52	119	3.6	107	118	108	123	112
DRUMMIN UNIQUE	LM S0394	245	1.44	2.22	695	135	5.23	118	2.3	127	106	110	123	118
MARHILL USMAN	LM S0545	292	1.24	2.09	587	126	4.45	125	1.9	101	119	121	115	112
PELLETSTOWN UNDENIABLE	LM S0562	354	1.31	1.33	490	135	5.36	116	1.1	84	103	113	105	94
PELLETSTOWN UPSTANDING	LM S0569	329	1.20	2.01	589	134	5.07	121	2.5	105	108	115	117	108
PELLETSTOWN UNCANNY ET	LM S0577	306	1.21	1.89	551	124	5.27	110	2.0	93	105	101	116	97
PELLETSTOWN UNBELIEVABLE	LM S0588	234	1.35	2.14	683	125	4.93	125	2.4	122	111	119	138	120
CASTLEPOOKE ULTAN	LM S9265	259	1.46	1.96	666	137	4.74	115	3.3	122	114	102	114	117
LABSHEEDA TOM	SH S6107	265	1.17	1.89	586	124	5.95	88	2.8	94	99	108		97
ERREW PADDY	ST S0064	291	1.61	1.87	701	133	5.51	103	1.5	108	105	109	129	107
BALLINDRENNAN PHIL	ST S0140	242	1.93	2.20	806	134	4.44	107	1.9	127	122	112	110	126
CLONFAD PIRATE	ST S0250	312	1.62	2.30	705	134	4.70	108	2.8	109	118	110	117	114
CLONFAD PILOT	ST S0265	246	1.54	2.62	783	132	4.64	112	1.9	123	119	118	120	124

IRISH CATTLE BREEDING FEDERATION

Beef Bull Central Performance Test - Breeding Details

Issued by the Irish Cattle Breeding Federation

Bull No.	Breed	Bull Name	Earmark	Date of Birth	Sire name H.B. No.	Dam name H.B. No.	MGS name H.B. No.	Owner
S0111	AA	Creogue Enforcer	IE281205560111	12/10/23	Derrykirk Tony	Creague Eliza IE281205590056	Earl of Creague IE281205590056	O & A MC FADDEN ARMSTRODONEGAL RD GIBBSTOWN NAVAN CO MEATH GERALDINE SHANLEY CLOONCOLLIGAN BORNACOLLA C ON SHANNON CO LEITRIM VERNON BUCKLEY ARDCLONE PILTOWN CO KILKENNY PETER FARRELLY CROSSDRUM OLDCASTLE CO MEATH KATHLEEN NEARY CARRENTRILLA KNOCKMORE BALLINA CO MAYO O AND A ARMSTRONG DONEGAL RD GIBBSTOWN NAVAN CO MEATH BERNARD FALLON CAPPANOOLE ATTYMON CO GALWAY IMELDA LEHANE KILRONAN EAST DUNMANWAY CO CORK DAVID CARROLL NEW COOLE CAMPILE ROSS CO WEXFORD PETER HAGAN CARRIGLASS LONGFORD CO LONGFORD PREMIER EMBRYOS LTD BANDON CO CORK PREMIER EMBRYOS LTD BANDON CO CORK MICHAEL LENEHAN CLOONGOONAGH, TOOREEN BALLYHAUNUS CO MAYO MICHAEL MAGUIRE ARDFERT POST OFFICE ARDFERT CO KERRY ANTHONY BRENNAN DRUMGOOLE CASTLECOMER CO KILKENNY ANTHONY BRENNAN DRUMGOOLE CASTLECOMER CO KILKENNY
S0137	AA	Aughnamona Boldleader	IE231415390137	05/09/23	TLA Prides Revival 25h	Ballinvilla Nicola IELMDX0029F	Acuma Bo Leader IELMDX0029F	
S0021	BA	ARDCLONE UMBRA	IE211066910021	03/07/03	DROP DRP	SHIPOOL JENNY DBL119734	KILBOY FRANK KOY	
S0027	CH	CROSSDRUM UNIVERSE (ET)	IE281080240027	15/09/03	ENFIELD PICASSO PCO	NIDARE OLIVIA IEGFCW0003Y	JUPITER JPR	
S0103	CH	CARRENTRILLA ULIC	IE271062150103	25/09/2003	DOONALLY PRINCE CF56	PULRONAGHAN NICOLA IEVXRL0035P	EDOUARD	
S0107	CH	GIBBSTOWN UMBRO	IE281205510107	16/09/03	ENFIELD HARA KIRI HKI	GIBBSTOWN ROIANA IE281205530067	MOGADOR MDO	
S0184	CH	ASHLAWN UTAH	IE182276440184	04/10/03	DOMINO OMD	CASTLEMARTIN MAXINE ZFA484358	CASTLEMARTIN JANVIER CIJ	
S0165	HH	KILRONAN BENZ	IE141659770165	04/11/03	OLDCASTLETOWN LAR IE151502990026	KILRONAN PLATINUM IEMZSY0026T	EXL 119D EXL	
S0576	HH	UDEL 1 T62 WEXFORDIAN (P)	IE371040680576	29/10/2003	UDEL 1 R51 TRAILBLAZER (PS364)	UDEL 1 J7 OCCULT SNOWDROPJSA544795	KOANUI BLUE PRINT KBT	
S1103	HH	KILLOEPOLL 1 BOB (P)	IE251343410103	05/07/03	GOLDENFIELD 1 SUPERSTAR GDS	KILLOE BREDA (X) OACP08128	B B POWER 0270 1ET BPW	
S6108	HH	KILLOE PADDY (X)	IE251343460108	22/09/03	CENTENNIAL TRIBUTE (IMP) CIU	KILLOE LIZ (X) OACN01127	DUNROBIN SUPERSTAR ET DRS	
S0017	LM	BANDON U17 ET	IE141546550017	10/10/03	MERIDIEN MEZ	MOUNTNORTH PEACH IE151474250276	HORTENSIA HTA	
S0019	LM	BANDON U19 ET	IE141546570019	16/10/03	MERIDIEN MEZ	MOUNT SCOTT PAULEEN IE131306650099	GAMIN GIA	
S0034	LM	MURLEN UGO	IE272016050034	26/09/03	LUXOR LOX	MURLEN SORA IE27016090021	RONNICK HAWK RKH	
S0094	LM	ARDFERT UMAN	IE191286470094	12/11/03	HIGHLANDER HGR	ARDFERT SIVE IE191286460060	ESPOIR ESP	
S0108	LM	MINEARE UNITED	IE211223650108	09/09/03	MALIBU MBU	KNOCKACRAIG LAURA MZA145547	BALLYDANIEL DONAL BDYD042	
S0109	LM	MINEARE UPA	IE211223660109	18/09/03	MALIBU MBU	MINEARE JANETTE JPA801279	GRANGE BALERNO GBL	

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Bull No.	Breed	Bull Name	Earmark	Date of Birth	Sire name H.B. No.	Dam name H.B. No.	MGS name H.B. No.	Owner
S0168	LM	KILMORE USHER	IE191198950168	03/10/03	LINO LNO	KILMORE SWEETIE ET IE191198940101	IDEAL 23 IAL	MATHEW GOULDING KILMORE BALLYDUFF CO KERRY
S0173	LM	BALLINAHINCH UNIQUE	IE381127020173	02/10/03	ARDNACRUSHA PHILIP IE131668090143	CASTLEBORO KATE AHA287666	DRUMILLE ALTESSE UKDRUA001	CULLEN CULLEN BALLINAHINCH NEWTOWN CO WICKLOW
S0194	LM	LOCH CIARAIN ULLA	IE131046240194	05/11/03	ELEAZAR EZR	MILAN ROSE ET IE321461520207	FERRY FRY	THERESA FOGARTY COAD KILNABOY ENNIS CO CLARE
S0198	LM	CLONOLA ULTAN	IE131384030198	05/10/03	LITRON TON	BAILE NA GARTIG PEACH BNGP001	JEU JEU	Michael Foley Clonola Kildysart Co. CLARE
S0274	LM	ELITE UPICE ET	IE221062780274	05/08/2003	FERRY FRY	F049 HOUPETTE ZZZ854877	CRISTAL	BERNADETTE TYNAN COLT BALLYROAN PORTLAOISE CO LAOIS
S0278	LM	ELITE UBLITZ ET	IE221062730278	10/08/03	ESPOIR ESP	LUTTRELLSTOWN HAZEL FCA801048	FILSAIDA FDA	BERNADETTE TYNAN COLT BALLYROAN PORTLAOISE CO LAOIS
S0394	LM	DRUMMIN UNIQUE	IE131206370394	21/10/03	MANOIR MIZ	DRUMMIN PEACH IE131206330135	MOUSTIC MTC	JOHN MCINERNEY CLONMONEY WEST NEWMARKET ON FERGUS CO CLARE
S0545	LM	MARHILL USMAN	IE341130980545	04/09/03	ELITE POPSI ET F137	MARLHILL MAJELLA IETBRY0064H	CARWIN FLOW CARF006	JAMES PARKINSON MARLHILL NEWINN CASHEL CO TIPPERARY
S0562	LM	PELLETSTOWN UNDENIABLE	IE281523460562	04/07/03	PELLETSTOWN NEWMAN S221	PELLETSTOWN RAISIN IE281523490375	NICHOLAS F112	ROGER MCCARRICK PELLETSTOWN DRUMREE CO MEATH
S0569	LM	PELLETSTOWN UPSTANDING	IE281523440569	29/07/03	PELLETSTOWN NEWMAN S221	PELLETSTOWN SADIE IE281523490383	GENEREUX GUX	ROGER MCCARRICK PELLETSTOWN DRUMREE CO MEATH
S0577	LM	PELLETSTOWN UNCANNY ET	IE281523440577	21/08/03	GENEREUX GUX	PELLETSTOWN ESTELLE IERSRZ0067R	PELLETSTOWN PBR	BUCCANEER ROGER MCCARRICK PELLETSTOWN DRUMREE CO MEATH
S0588	LM	PELLETSTOWN UNBELIEVABLE	IE281523470588	01/11/03	MAS DU CLO MUC	PELLETSTOWN SANDY ET IE281523420393	IDEAL 23 IAL	ROGER MCCARRICK PELLETSTOWN DRUMREE CO MEATH
S9265	LM	CASTLEPOOKE ULTAN	IE151395790265	07/10/03	HIGHLANDER HGR	CASTLEPOOKE RACHELL IE151395730160	HORTENSIA HTA	SYLVESTER BOLAND ROSSA DONERAILE CO CORK
S6107	SH	LABSHEEDA TOM	IE131419860107	01/10/03	EIONMORE MR GUS	IE131419840063		THOMAS J O BRIEN KILKERRIN, LABASHEEDA KILRUSH CO CLARE
S0064	ST	ERREW PADDY	IE271439210064	05/09/03	FREIGHDUFF BRENDAN FBX	ERREW KITTY IE271439240026	PENNO SI809	MICHAEL HOBAN ERREW LOGAPHUILL CASLTBEAR CO MAYO
S0140	ST	BALLINDRENNAN PHIL	IE301182220140	24/10/03	RACEVIEW KING REV	BALLINGAR JOCELYN IENKRN0229D	BALLINGAR FRANCO AMBF021	ROSE CONROY BALLINDRENNAN RAHAN TULLAMORE CO OFFALY
S0250	ST	CLONFAD PIRATE	IE311027750250	15/08/03	HILLCREST CHAMPION HCC	CLONFAD LILLIAN IE311027750102	SEABANK BLANCO SKB	MICHAEL SCOTT CLONFAD BALLINASLOE CO ROSCOMMON
S0265	ST	CLONFAD PILOT	IE311027730265	20/10/03	HILLCREST CHAMPION HCC	CLONFAD MATILDA IE311027750143	SEABANK BLANCO SKB	MICHAEL SCOTT CLONFAD BALLINASLOE CO ROSCOMMON