

DEPARTMENT OF AGRICULTURE

REPORT ON THE 1977/78 PERFORMANCE TEST RESULTS OF FIRST INTAKE CONTINENTAL BREED
BULLS AT TULLY

Attached are the performance test results of 7 Blonde d'Aquitaine, 6 Limousin and 10 Simmental bulls which were tested at Tully during 1977 - 78. These bulls entered the test station in May. Bulls for performance test at Tully were selected for entry on the basis of weight for age, conformation and pedigree from herds participating in the Department's On-farm Weight Recording Scheme. Bulls were approximately 200 days of age when they entered the test station. Bulls were evaluated under uniform conditions of feeding and management. Each bull was penned individually and fed to appetite three times a day. The diet consisted of equal parts of rolled barley and unmilled grass, combined together in a single cube with the required minerals and vitamins. A limited quantity of hay (approximately 4 pounds per day) was fed to each bull to help rumination.

The following test results are provided for each bull:

1 Average daily gain from birth to start of test and the average daily gain during test (Kg). In the calculation of the daily gain during test the first 28 day period on test is excluded.

2 Relative adjusted final weight, food conversion and height at the withers.

These are estimated as follows:

The superiority or inferiority of a bull for each trait is expressed as a per cent of the breed average and is added to or subtracted from a 100, whichever is appropriate. Above 100 indicates bull is so many percentage points better than the average and below 100 indicates the reverse.

(a) Adjusted final weight: Blonde d'Aquitaine and Simmental bulls are adjusted to a constant age of 410 days, while Limousin bulls are adjusted to 430 days. These are the average ages at which bulls of the different breeds completed test.

(b) Adjusted food conversion: Gross food conversion is estimated from the weight gain and feed intake during test, excluding the first 28 days. This gross

food conversion is adjusted for variation in weight at the start of test.

(c) Withers height: It is measured at 400 days of age.

Blonde d'Aquitaine

Pen No.	Name of Bull and Date of Birth	Sire of Bull	Dam of Bull	Sire of Dam	Owner
1	Enfield Monarch (ENF MI) 5. 10. '76	Dovea Janus HB No. 211	Enfield Jasmine HB No. 086	Houblon 2472015362	Dublin District Milk Board Kylmore Road Dublin 12
2	Sandbrook Maverick (SAN/M3) 2. 11. '76	Dovea Jamin HB No. 212	Sandbrook Julia HB No. 006	Gourmand 3271131062	Mrs Mary Allnatt Sandbrook House Ballon, Co Carlow
3	Knockbrack Model (KNO/MI) 2. 11. '76	Dovea Janus HB No. 211	Knockbrack Jarre HB No 026	Cresson 4700609 C07	Frank Cahill Knockbrack, Banteer Co Cork
4	Ditchley Master (DIT M2) 6. 11. '76	Dovea Jénace HB No. 210	Ditchley Judith HB No. 106	Barriçant 4702301 B13	W R Ellis Ditchley Farm Little Island Co Cork
5	Ditchley Mason (DIT M3) 8. 11. '76	Dovea Janus HB No. 211	Ditchley Javelle HB No. 099	Hartmun 4772003723	do
6	Ballyclough Maurice (BAL M3) 24. 11. '76	Galtée Jacob HB No. 124	Ballyclough Joyeuse HB No. 097	Berlus 4702301 V06	Patrick A Dunne Ballyclough House Fermoy, Co Cork
7	Glen Miller (GLE MI) 22. 12. '76	Galtée Jacob HB No. 124	Glen Junon HB No. 203	Haroun 4772003631	Nicholas Power Glen East Stradbally Co Waterford.

Breed Blonde d'Aquitaine

Intake First

No. of Days on Test 196

Pen. No.	Age at start (Days)	Average Daily Gain (Kg/day)		Traits expressed relative to the Breed Av. (100)		
		Pre-Test	Test	Adjusted <u>410</u> Day Weight	Adjusted Food Conversion	Withers Height (400 day)
1	248	0.81	1.44	91	100	98
2	220	1.24	1.62	117	104	103
3	220	1.14	1.63	109	107	105
4	216	1.13	1.48	109	105	106
5	214	1.16	1.29	100	85	98
6	198	0.86	1.13	89	97	97
7	170	0.78	1.10	85	100	93
Average	212	1.02	1.38	563 Kg	5.18	125.3 cms

LIMOUSIN

Pen number	Name of Bull and Date of Birth	Sire of Bull	Dam of Bull	Sire of Dam	Owner
8	Kilfrush Lance (KL/L8) 10.9.1976	Igame ILI/166	Irlean ILI/148	Dermosthene 8717622026	Hibernian Livestock Ltd, Kilfrush Farm, Knocklong, Co Limerick.
9	Pelletstown Leo (PEL/L8) 24.9.1976	If ILI/163	Infernale ILI/141	Gandin 8771003678	Dr Roger Mc Garrick Pelletstown House Drumree, Co Meath
10	Ballysorrell Laoghaire (BSL/L10) 3.10.1976	Jupiter ILI/177	Irma ILI/116	Etourdi 2369125181	Mr Seamus Cody, Ballysorrell, Clonmore, Templemore, Co Tipperary
11	Castle Lionel (CE/L7) 7.10.76	Hervin ILI/103	Issos ILI/127	Fandango 8770001214	Mr Nicholas Grubb Castleglace, Clogheen, Co Tipperary
12	Pelletstown Luke (PEL/L9) 8.11.1976	If ILI/163	Immortelle ILI/140	Fanfaron 2370125026	Dr Roger McGarrick Pelletstown House, Drumree, Co Meath
13	Scarteen Lionel (SC/L7) 13.12.1976	Hervin ILI/103	Haloide ILI/79	Formidable 3670122394	Dr O'Connell, Scarteen Stud, Ballyclogh, Mallow, Co Cork.

Breed Limousin

Intake First

No. of Days on Test 196

Pen No.	Age at start (Days)	Average Daily Gain (Kg/day)		Traits expressed relative to the Breed Av. (100)		
		Pre-Test	Test	Adjusted ⁴³⁰ Day Weight	Adjusted Food Conversion	Withers Height (400 day)
8	273	0.93	1.48	106	99	104
9	259	0.83	1.27	94	95	99
10	250	0.82	1.20	90	98	98
11	246	0.99	1.52	112	109	100
12	214	0.79	1.37	101	105	101
13	179	0.69	1.27	98	95	99
Average	237	0.84	1.35	538 Kg	5.21	121.3 cms

Simmental

Pen Number	Name of Bull and Date of Birth	Sire of Bull	Dam of Bull	Sire of Dam	Owner
14	Faltée Flame (GLT F14) 2.10.76	Mustang HB No 798	Galtee Aster IF/75/210	Fendt 90	Galtee Cattle Breeding Station, Mitchelstown, Co Cork
15	Lanmore Ferdia (ROM F7) 7.10.76	Pingo HB No. 490	Luna HB No. 875	Saulus 529008	Raymond O'Malley Willcockstown House Ardee, Co Louth
16	Cregg Flonn (CRG F11) 18.10.76	Siegfried HB No. 489	Erika HB No. 379	Benz 4637	Patrick Clancy, Cregg, Carrick-on-Suir Co Tipperary
17	Comber Fritz (HMF 12) 25.10.76	Saulus HB No. 692	Esita HB No. 296	Platz 516180	Hugo Maguire Comber, Clones, Co Monaghan
18	Corah Frank (WEA F5) 25.10.76	Hamlet HB No. 132	Traube HB No. 798	Probus 005005	W E Ashmore Corah, Ferns, Co Wexford.
19	Friarstown Finbar (FSN F5) 1.11.76	Siegfried HB No. 489	Esta HB No. 552	Port 061900	James Hannan Friarstown, Crecora, Co Limerick.
20	Garfield Fiddler (AAO F11) 12.11.76	Hamlet HB No. 132	Blinkie HB No. 712	Portikus 18723	James Murray Garballagh Duleek Co Meath

Simmental Cont.

Item Number	Name of Bull and Date of Birth	Sire of Bull	Dam of Bull	Sire of Dam	Owner
21 ✓	Ballybane Finbar (BYB F21)	Hamlet HB No. 132	Pille HB No. 600	Casar 497612	John Connaughton Barrettstown House, Dysart Co Westmeath
22	Merrymeeting Finbar (MTG F9) 9.12.76	Siegfried HB No. 489	Ronate HB No. 519	Dominant 5286	Mrs Kathleen Sheehy, Merrymeeting Wicklow
23	Clare Fortfergus (CLA F9) 19.12.76	Felba HB No. 754	Eileen HB No. 726	Hellas 59443	Michael O'Connor Drumquin, Tiermacclane, Ennis, Co Clare.

Breed Simmental

Intake First

No. of Days on Test 196

Pen No.	Age at start (Days)	Average Daily Gain (Kg/day)		Traits expressed relative to the Breed Av. (100)		
		Pre-Test	Test	Adjusted ⁴¹⁰ Day Weight	Adjusted Food Conversion	Withers Height (400 day)
14	251	1.00	1.26	95	88	98
15	246	0.93	1.54	97	101	104
16	235	1.07	1.51	102	101	97
17	228	1.15	1.49	108	92	105
18	228	1.04	1.33	96	96	99
19	221	1.08	1.54	107	106	103
20	210	0.92	1.38	95	100	100
21	184	0.92	1.28	96	103	96
22	183	0.90	1.36	100	108	100
23	173	0.94	1.32	103	104	99
Average	216	1.00	1.40	563 Kg	5.57	123.5 cms