



Luing Promising Young Bull List for 2024

A list of Young Luing Bulls born since 1st October 2022 with an adjusted 300 or 400 day weight. Bulls are listed alphabetically.

These results are delivered to the beef industry by AHDB's Signet Breeding Services using data collected through the Signet Beefbreeder service.

The EBVs in this publication are based on the National Luing Evaluation dated 16th April 2024



Introduction

This Breeding Report has been published by Signet Breeding Services in association with the Luing Cattle Society. Both Signet and the Society continue to encourage all breeders of Luing cattle to record. More records give a truer picture and greater accuracy in the breeding values produced for individual bulls.

We believe that the figures in this document, if used sensibly, can be of benefit to pedigree and commercial breeders.

For more information about Signet's Beefbreeder Recording Service

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Why is Performance Recording Important?

The performance and physical appearance of animals are the result of a combination of factors; the genes they get from their parents, management such as feeding, and other effects such as age and sex.

To make genetic improvement breeders need to be able to assess how much of an animal's performance is controlled by its genes alone, i.e. its breeding value, and how much is due to everything else (the 'environment').

Estimated Breeding Values (EBVs)

The best way to measure the breeding value of an animal is to record its performance and analyse this data to produce *Estimated Breeding Values* (EBVs).

The EBVs are expressed in the same units as they were measured (e.g. 400-day growth in kg, muscle depth in mm), with the average EBV of animals born in the base year set to zero for all traits. Because EBVs and Indexes are expressed relative to a common base, direct comparisons can be made between Luing herds and across years allowing measurement of genetic progress.

EBVs estimate the genetic merit of animals, but calves get only half of their genes from each parent. Before the calf has any performance records of its own, the best estimate of its own EBV is half the sire EBV plus half its dam EBV.

Accuracy Values

Given that the EBV is an estimate of the true breeding value of an animal it is valuable to know the accuracy of the estimate. The Accuracy (Acc %) provides a measure of confidence in the EBV for each trait. It is expressed as a percentage and is calculated from the number of performance records that exist for each trait on the animal itself and all its relatives including progeny, parents, full and half brothers and sisters.

The higher the accuracy the greater the confidence in the EBV and the lower the chance of it changing with new information. The potential range in accuracy values will depend on the particular trait with highly heritable traits having a higher range than those with a low heritability.

It is important to note that BLUP evaluations compensate for a lack of information on an animal by adjusting its EBVs towards the average so there is no need to discount EBVs with low accuracies still further.

Interpreting Estimated Breeding Values (EBVs)

Birth Weight EBV (expressed in kg).

The calf's weight at birth. Higher values for birth weight are more likely to be associated with difficult calvings.

Calving Ease EBV

EBVs for calving ease predict the direct effect of using a particular bull on the percentage of unassisted calvings.

Maternal Calving Ease EBV

A predictor of the proportion of unassisted calvings that you would expect due to the genes influencing the ease with which cows and heifers give birth.

Gestation Length EBV (days)

Short gestation lengths (negative values) result in easier calving because birthweights tend to be lower.

Calving Value (A sub-index)

The Calving Value indicates what the effect will be of using a particular bull on the ease with which his progeny are born.

200 Day Weight EBV (expressed in kg liveweight).

The best estimate of the sire's genetic merit for growth to weaning. Higher positive values indicate faster growth.

400 Day Weight EBV (expressed in kg liveweight).

The best estimate of the sire's genetic merit for growth to 400 days of age. Higher positive values indicate faster growth.

Muscle Depth EBV (expressed in mm)

Muscle and fat depth are measured by ultrasonic scanning. Selecting for this trait will increase the yield of lean meat in the carcase.

Fat Depth EBV (expressed in mm fat)

Indicates animals capable of producing leaner carcases or being taken to heavier carcase weights without becoming overfat. Negative values indicate leaner stock.

Beef Value (A sub-index)

The Beef Value ranks animals on their estimated overall genetic merit for growth and carcase traits.

200 Day Milk EBV (expressed in kg liveweight).

The maternal component of 200-day weight indicates how well a bull's daughters will perform when they become mothers and is greatly influenced by milking ability. This trait will be expressed by females, but both males and females carry the genes that will influence maternal performance.

Age at 1st Calving EBV

Herds looking to calve heifers at two years of age should identify bulls with superior (negative) EBVs for this trait. This will increase conception rates at first mating.

Longevity EBV

Predicts the length of an animal's breeding life in the herd.

Positive values = longer breeding life

Calving Interval EBV

This EBV can be used to breed cows with short calving intervals that get in calf again quickly. Negative values = cows that get back in calf more quickly.

Maternal Value (A sub-index)

The economic value of an animal's genetic ability to produce productive breeding females

Maternal Production Value (A breeding index)

The economic value of an animal in terms of its genetic potential to produce females for breeding and animals with beef carcase characteristics

Calculated from the sub-indexes

- Calving Value
- Beef Value
- Maternal Value

Promising Young Stock - Bulls

Analysis Date: 16-04-2024

Animal	Sire	Dam	Birth Date	Breed/16ths	Birth Weight	Calving Ease	Maternal Calving Ease	Gestation Length	Calving Value	200 Day Weight	400 Day Weight	Muscle Depth	Fat Depth	Beef Value	200 Day Milk	Age at 1st Calving	Longevity	Calving Interval	Maternal Value	Maternal Prod Value
			Sex																	
UK 561834/502265 COMMONSIDE	UK 562205/300814 BLACKHOUSE WARRIOR L05633	UK 561834/401207 COMMONSIDE NINA	30-03-2023	LU / 16 M	-0.20 68	-0.20 56	-0.30 31	0.20 51	2 59	-6 65	-12 68	-0.50 56	0.10 24	3 69	3 35	-0.05 37	0.30 38	2.60 31	8 35	7 42
UK 561834/302277 COMMONSIDE	UK 561834/202024 COMMONSIDE ZEUS SV L06815	UK 561834/500788 COMMONSIDE JO P29133	03-04-2023	LU / 16 M	-0.80 68	0.80 56	-0.20 35	-0.70 50	3 59	-7 66	-6 69	-1.10 56	-0.10 25	6 70	0 36	-0.05 32	0.50 36	5.00 32	2 33	2 41
UK 561834/702274 COMMONSIDE	UK 561834/202024 COMMONSIDE ZEUS SV L06815	UK 561834/701784 COMMONSIDE WHITNEY	03-04-2023	LU / 16 M	0.20 66	0.20 54	-0.60 31	-0.20 49	2 57	7 65	18 69	0.70 55	0.00 25	17 68	3 30	-0.06 28	0.40 33	1.80 28	10 30	11 38
UK 561834/702281 COMMONSIDE	UK 562205/300814 BLACKHOUSE WARRIOR L05633	UK 561834/101806 COMMONSIDE WONDER	05-04-2023	LU / 16 M	-0.20 67	-0.20 57	-0.50 32	0.10 52	2 59	-6 66	-8 69	-0.50 57	0.00 27	6 69	3 38	-0.10 37	0.50 39	3.50 33	13 36	11 43
UK 561834/302291 COMMONSIDE	UK 562205/300814 BLACKHOUSE WARRIOR L05633	UK 561834/401627 COMMONSIDE VANILLA	07-04-2023	LU / 16 M	-0.20 68	-0.10 57	-0.60 33	0.00 52	2 59	-5 66	-6 69	-0.40 57	0.00 27	7 69	4 36	-0.10 37	0.60 40	1.40 33	18 36	17 43
UK 561834/502300 COMMONSIDE	UK 561834/202024 COMMONSIDE ZEUS SV L06815	UK 561834/501950 COMMONSIDE	24-04-2023	LU / 16 M	-1.70 66	1.60 55	-0.20 28	-1.50 49	5 58	-10 55	-10 54	-1.60 51	-0.10 23	5 61	1 33	-0.05 28	0.40 33	4.50 28	3 29	5 37
UK 542191/204647 DIRNANEAN CANNON P	UK 542191/303948 DIRNANEAN ZION	UK 542191/402794 DIRNANEAN S15(P)	18-04-2023	LU / 16 M	-0.30 69	0.30 62	-0.20 41	0.50 54	2 61	6 74	14 69	0.40 65	0.30 36	17 73	6 49	-0.19 46	0.40 39	5.00 36	23 42	23 49
UK 542191/104646 DIRNANEAN CHIEF (P)	UK 542191/303948 DIRNANEAN ZION	UK 542191/403788 DIRNANEAN Y10 P	18-04-2023	LU / 16 M	0.00 68	-0.30 61	-0.20 39	0.50 56	2 61	17 73	29 68	1.40 64	0.20 38	22 72	2 46	-0.17 43	0.20 38	2.90 35	16 40	17 48
UK 542191/604602 DIRNANEAN CHINOOK	UK 542191/303948 DIRNANEAN ZION	UK 542191/302366 DIRNANEAN P30 SUE	04-04-2023	LU / 16 M	1.20 69	-2.10 63	-1.30 43	0.50 55	0 62	24 74	44 69	2.40 66	0.30 37	29 74	5 49	-0.21 46	0.40 39	4.50 36	20 42	18 49
UK 542191/304613 DIRNANEAN CLANSMAN P	UK 542191/303948 DIRNANEAN ZION	UK 542191/103610 DIRNANEAN X22(P)	06-04-2023	LU / 16 M	0.20 68	-0.30 61	-0.30 39	0.00 56	2 61	9 73	20 68	1.30 64	0.20 35	19 72	6 46	-0.11 41	0.30 37	4.20 33	15 39	19 47
UK 542191/204563 DIRNANEAN CODY P	UK 541236/108777 LUIING YANIS	UK 542191/503572 DIRNANEAN X12(P)	26-03-2023	LU / 16 M	-1.00 69	0.50 62	0.00 35	-1.90 53	5 61	6 74	12 70	0.50 65	0.00 38	14 73	2 46	-0.12 44	0.40 37	-0.60 33	21 40	26 47
UK 541236/609972 LUIING ARDLARACH C72	UK 541236/309206 LUIING ZODIAC 3RD	UK 541236/307743 ARDLARACH V743	28-02-2023	LU / 16 M	-2.00 69	1.70 56	-0.50 29	-3.20 53	7 60	16 73	33 69	1.10 65	0.10 36	25 73	4 44	-0.16 43	0.50 34	1.80 31	23 38	33 45
UK 541236/109904 LUIING ARDLUING C04	UK 541236/209191 LUIING ZINC	UK 541236/708692 ARDLUIING Y 92	27-02-2023	LU / 16 M	-1.30 68	1.20 53	-0.60 28	-0.80 50	4 58	-12 73	-6 69	-1.90 64	-0.10 33	8 72	6 43	-0.11 43	0.30 32	-1.20 30	23 37	22 44
UK 541236/209905 LUIING ARDLUING C05	UK 541236/607984 LUIING WOLF	UK 541236/409284 ARDLUIING A84	28-02-2023	LU / 16 M	-1.00 68	0.90 56	-0.20 28	-0.90 53	4 60	-14 72	-11 69	-2.10 65	-0.20 38	4 72	3 45	0.00 43	0.40 38	-1.40 30	11 38	10 45
UK 541236/309913 LUIING ARDLUING C13	UK 541236/209191 LUIING ZINC	UK 541236/707089 ARDLUIING R89	02-03-2023	LU / 16 M	-0.50 68	0.00 54	-0.50 35	-0.10 50	2 58	-10 73	-2 68	-1.60 64	-0.10 32	10 72	4 47	-0.20 46	0.50 38	0.80 35	28 41	24 47
UK 541236/209919 LUIING ARDLUING C19	UK 541236/209191 LUIING ZINC	UK 541236/208155 ARDLUIING W55	04-03-2023	LU / 16 M	-1.10 68	0.40 53	-0.70 29	-0.60 49	3 57	-7 73	-4 68	-0.80 64	0.00 30	11 72	7 43	-0.15 43	0.50 35	-0.50 28	29 37	29 44

Promising Young Stock - Bulls

Analysis Date: 16-04-2024

Animal	Sire	Dam	Birth Date	Breed/16ths	Birth Weight	Calving Ease	Maternal Calving Ease	Gestation Length	Calving Value	200 Day Weight	400 Day Weight	Muscle Depth	Fat Depth	Beef Value	200 Day Milk	Age at 1st Calving	Longevity	Calving Interval	Maternal Value	Maternal Prod Value
			Sex																	
UK 541236/309829 LUING ARDLUING C29	UK 541236/209191 LUING LUING ZINC	UK 541236/208456 LUING ARDLUING X56	10-02-2023 M	LU / 16	-1.90 68	1.40 54	-0.40 30	-1.40 51	5 58	-14 73	-17 68	-1.90 65	-0.10 35	2 72	3 45	-0.06 45	0.40 35	-1.70 33	17 39	19 45
UK 541236/209870 LUING ARDLUING C70	UK 541236/208946 LUING YODA	UK 541236/408220 LUING ARDLUING X20	16-02-2023 M	LU / 16	-1.10 69	0.90 56	0.10 32	-1.60 53	4 60	-1 73	7 68	-0.60 65	0.00 37	12 73	1 45	-0.14 45	0.10 36	2.90 33	12 40	14 46
UK 541236/509873 LUING ARDLUING C73	UK 541236/209191 LUING LUING ZINC	UK 541236/708706 LUING ARDLUING Y06	17-02-2023 M	LU / 16	0.00 68	-0.70 53	-0.60 29	0.40 50	1 57	-9 72	-5 68	-1.10 64	-0.10 32	9 72	4 43	-0.10 44	0.30 31	-0.50 31	18 37	13 44
UK 541236/609874 LUING ARDLUING C74	UK 541236/209191 LUING LUING ZINC	UK 541236/407359 LUING ARDLUING S59	17-02-2023 M	LU / 16	-1.40 68	0.70 54	-0.70 33	-1.00 50	4 58	-10 73	-3 68	-1.60 64	-0.10 32	10 72	7 46	-0.22 44	0.60 37	-0.20 33	37 40	35 46
UK 541236/109876 LUING ARDLUING C76	UK 541236/709196 LUING LUING ZENITH	UK 541236/108973 LUING ARDLUING Z73	18-02-2023 M	LU / 16	1.90 65	-3.40 48	-0.10 26	1.70 44	-2 53	4 69	13 65	0.40 59	0.00 27	14 69	1 37	-0.16 40	0.20 28	2.60 29	15 34	5 40
UK 541236/209877 LUING ARDLUING C77	UK 541236/209191 LUING LUING ZINC	UK 541236/106782 LUING ARDLUING P82	18-02-2023 M	LU / 16	-1.30 68	0.80 53	-0.20 32	-0.10 49	3 57	-26 73	-36 68	-3.20 64	-0.20 32	-7 72	3 45	0.03 44	0.40 36	-2.00 33	9 39	4 45
UK 541236/709882 LUING ARDLUING C82	UK 541236/209191 LUING LUING ZINC	UK 541236/108140 LUING ARDLUING V40	21-02-2023 M	LU / 16	0.00 69	-0.80 54	-0.20 31	0.10 51	1 58	-8 73	-8 69	-0.90 65	-0.10 34	6 73	3 45	-0.11 45	0.40 38	0.40 33	19 40	14 46
UK 541236/309885 LUING ARDLUING C85	UK 541236/208946 LUING YODA	UK 541236/108700 LUING ARDLUING Y 00	22-02-2023 M	LU / 16	-0.70 68	0.70 55	-0.40 30	-0.50 52	3 59	-11 72	-8 68	-1.60 64	-0.10 34	5 72	2 43	-0.07 44	0.00 33	1.20 32	6 38	4 45
UK 541236/609888 LUING ARDLUING C88	UK 541236/209191 LUING LUING ZINC	UK 541236/406687 LUING ARDLUING N87	23-02-2023 M	LU / 16	0.80 67	-2.10 53	-0.70 33	1.20 49	-1 57	-5 72	-4 66	-0.50 63	-0.10 31	8 71	3 44	-0.11 46	0.40 37	1.20 34	15 40	8 46
UK 541236/709889 LUING ARDLUING C89	UK 541236/208946 LUING YODA	UK 541236/508179 LUING ARDLUING W79	23-02-2023 M	LU / 16	-1.70 69	1.80 56	-0.20 32	-2.00 52	5 59	-6 73	-2 69	-1.30 64	-0.10 37	8 72	1 45	-0.04 45	0.30 38	1.50 34	6 40	10 47
UK 541236/109890 LUING ARDLUING C90	UK 541236/709196 LUING LUING ZENITH	UK 541236/509012 LUING ARDLUING Z12	24-02-2023 M	LU / 16	0.30 65	-1.30 48	-0.30 26	0.30 44	1 53	-2 69	4 65	-0.40 59	-0.10 27	11 69	2 37	-0.17 40	0.20 28	2.20 29	17 34	12 40
UK 541236/309892 LUING ARDLUING C92	UK 541236/607984 LUING WOLF	UK 541236/309318 LUING ARDLUING A18	24-02-2023 M	LU / 16	-0.70 68	0.50 56	0.20 30	-0.50 53	3 59	-14 72	-10 69	-2.10 64	-0.10 38	4 72	3 46	-0.04 44	0.30 39	0.80 31	12 40	9 46
UK 541236/409893 LUING ARDLUING C93	UK 541236/607984 LUING WOLF	UK 541236/209268 LUING ARDLUING A68	24-02-2023 M	LU / 16	-0.40 68	0.10 56	0.10 28	-0.10 54	2 60	-15 72	-11 69	-2.00 65	-0.10 39	5 72	4 45	-0.06 44	0.50 38	-1.00 30	20 38	16 46
UK 541236/609895 LUING ARDLUING C95	UK 541236/208946 LUING YODA	UK 541236/408157 LUING ARDLUING W57	24-02-2023 M	LU / 16	-0.50 69	0.90 56	0.10 32	-1.60 52	4 59	13 73	29 69	0.80 65	0.10 37	20 73	0 45	-0.10 45	0.20 38	1.40 34	10 40	17 47
UK 541236/309899 LUING CALEB	UK 541236/208946 LUING YODA	UK 541236/608474 LUING ARDLUING X74	25-02-2023 M	LU / 16	-0.50 68	0.50 54	-0.20 29	-1.20 51	4 58	11 72	24 67	0.90 64	0.10 33	19 72	3 42	-0.17 44	0.00 33	2.40 32	16 38	20 45
UK 541236/109967 LUING CALLUM	UK 541236/309206 LUING ZODIAC 3RD	UK 541236/506093 LUING ARDLARACH N93	25-02-2023 M	LU / 16	-1.00 68	0.80 55	-0.40 31	-2.30 51	5 59	20 72	34 67	1.80 63	0.10 34	24 72	1 44	-0.21 43	0.40 35	0.70 32	24 38	31 45

Promising Young Stock - Bulls

Analysis Date:16-04-2024

Promising Young Stock - Bulls

Analysis Date: 16-04-2024

Animal	Sire	Dam	Birth Date	Breed/16ths	Birth Weight	Calving Ease	Maternal Calving Ease	Gestation Length	Calving Value	200 Day Weight	400 Day Weight	Muscle Depth	Fat Depth	Beef Value	200 Day Milk	Age at 1st Calving	Longevity	Calving Interval	Maternal Value	Maternal Prod Value
			Sex																	
UK 541236/510160 LUI NG CRUZ	UK 541236/308464 LUI NG XAVIER	UK 541236/208372 BALLYCASTLE W72	06-03-2023 M	LU / 16	-0.80 69	0.60 55	-0.10 32	-1.20 51	4 59	7 73	7 69	0.80 64	0.10 36	11 73	-1 46	-0.21 45	0.30 39	6.90 33	11 40	16 46
UK 541236/210080 LUI NG CUTHBERT	UK 541236/309010 LUI NG LUI NG ZEUS 2ND	UK 541236/308870 LECCAMORE Y70	28-02-2023 M	LU / 16	-0.80 67	-0.30 53	-0.10 31	-1.30 50	3 57	1 72	2 67	0.20 62	0.00 33	11 71	4 43	-0.19 43	0.40 33	1.60 32	26 38	27 44
UK 509954/100428 SUTHERLAND	UK 562109/701935 PLENDERLEITH WIZARD	UK 509954/300122 W122	13-04-2023 M	LU / 16	0.90 69	-0.40 63	0.10 35	0.70 53	1 62	15 73	23 69	1.80 65	0.20 43	17 73	2 44	-0.09 43	0.50 40	-0.20 33	19 39	20 47
UK 509954/700434 SUTHERLAND	UK 562109/701935 PLENDERLEITH WIZARD	UK 502281/301443 SCOTSBURN W1443	14-04-2023 M	LU / 16	2.00 69	-1.30 62	0.20 34	2.10 52	-1 61	12 73	19 68	1.80 65	0.20 41	15 72	1 42	-0.03 43	0.30 39	1.40 32	7 39	5 46
UK 509954/600405 SUTHERLAND	UK 562109/701935 PLENDERLEITH WIZARD	UK 509954/600167 SUTHERLAND X167	25-03-2023 M	LU / 16	0.90 63	-1.30 56	0.10 35	0.90 50	0 56	10 73	8 69	1.40 65	0.20 43	11 71	0 44	-0.11 46	0.40 38	-0.20 33	17 40	14 47
UK 509954/500432 SUTHERLAND	UK 562109/701935 PLENDERLEITH WIZARD	UK 509954/500173 SUTHERLAND X173	14-04-2023 M	LU / 16	1.30 69	-1.20 62	0.00 35	1.30 53	0 62	13 73	16 69	1.80 65	0.20 43	14 72	1 43	-0.06 46	0.40 38	1.00 34	11 41	8 47
UK 509954/300430 SUTHERLAND	UK 562109/701935 PLENDERLEITH WIZARD	UK 509954/100190 SUTHERLAND X190	14-04-2023 M	LU / 16	1.80 69	-1.90 61	-0.10 34	2.20 52	-2 61	9 73	9 69	1.60 65	0.20 42	12 72	2 44	-0.14 46	0.10 37	3.50 33	11 40	6 47