

Saturday, January 11, 2025 SUPER NATIONAL SHORTHORN & SHORTHORNPLUS PEN HEIFER & BULL SHOW

11:00 AM - Perfromance Arena - Judge: Kevin Jensen



SCAN TO VIEW ONLINE

Chow Honoree

DARRYL RAHN

American Shorthorn Association Selection Tool EPD's 101

Expected Progeny Differences (EPDs) are a statistic that help us predict the performance ability of a sire or dam for certain traits relevant to beef production. Cattle breeders use EPDs to make comparisons between animals about their genetic potential. EPDs take into account an animal's performance data (their own and any related cattle), pedigree, and if available, genomic testing information in their calculation.

If we were comparing two bulls to buy at a Shorthorn sale, these are the EPDs you might see listed in the catalog:

Calving Ease Direct (CED): The CED EPD is listed as a percentage of unassisted calving's. A higher CED EPD predicts a sire that will have a higher percentage of unassisted calves.

Birth Weight (BW): Compares the differences in the weight of calves at birth. It is measured in pounds, and cattle with higher BW EPDs are predicted to produce heavier calves.

Weaning Weight (WW): The WW EPD is expressed in pounds and predicts differences in weaning weight of a sire's calves. Bulls with higher WW EPDs predict heavier calves across the scale at weaning.

Yearling Weight (YW): Just like WW, only at the next stage of life. The YW EPD is expressed in pounds. Higher YW EPDs are likely to produce bigger, heavier yearlings.

Milk (MK): The hardest trait to measure, since we don't measure milk production in beef cows. The MK EPD is measured in pounds of calf weaning weight due to his mother's milking ability. A higher MK EPD predicts that a bull will sire daughters who raise heavier calves due to their milk production.

Total Maternal (TM): Total Maternal EPD is a simple formula. TM= MK EPD + ½ WW EPD. It measures impact on calf weaning weight due to both milk production and the cow's genetics for growth. Bulls with a higher TM EPD should sire daughters with a bigger impact on their calves' weaning weight.

Calving Ease Maternal (CEM): Measures the ability of a bull's daughters to calves unassisted as two-yearolds. The higher the CEM EPD, the easier calving should be when a bull's daughters have that first calf.

Stayability (ST): Cows who work longer make more money. The ST EPD predicts the ability of a bull to sire cows that "stay around". The ST EPD is shown as a percentage of how much more likely a bull's daughters will stay in your herd to the age of 6. A higher ST EPD bull is more likely to have daughters stay around for a long time.

Carcass Weight (CW): The CW EPD is all about pounds of beef on the rail. Higher CW EPDs mean that a bull is more likely to sire feeders with heavier carcass weights.

Yield Grade (YG): The USDA Yield Grade scoring system is the unit of measurement for the YG EPD. Yield Grade 1 are leaner, more retail product carcasses. Lower, more negative YG EPD bulls are expected to sire calves that score better on the USDA Yield Grade scale.

Ribeye Area (REA): REA is measuring the size of the muscle that gives us the ribeye in square inches. Higher REA EPDs indicate a bull is expected to produce larger ribeye's in their offspring.

Marbling (MB): The MB EPD is in units of percentage of intramuscular fat within the ribeye. Higher MB EPD bulls should sire higher marbling (and grading) feeder calves.

Fat Thickness (FT): Inches of backfat (in hundredths of an inch) is the unit of measurement for FT. More negative FT EPDs are indicative of a bull that should sire less backfat in his calves.

Selection indexes weight multiple EPDs with an economic value to create a simplified selection tool built to meet the goals of your operation. Whether it's production of superior replacement females, quality feeder cattle, or sleep all night calving ease, selection indexes combine the traits that drive profits to identify the Shorthorn genetics suited to meet your needs.

\$Calving Ease (\$CEZ): Genetics that you can trust to calve easy while keeping mature cow size in check. You'll sleep soundly and your heifers will thank you for selecting for high \$CEZ sires.

\$British Maternal (\$BMI): A balanced, multi-trait index built to identify the ideal seedstock for crossbreeding on British breed cow herds. **\$BMI** focuses on the traits you want in your cows: easy calving, maternal performance and moderate mature size, while keeping the growth and carcass merit in your steer calves.

\$Cow Productivity (\$CPI): An index focused on identifying the cattle that do the things we (and the Shorthorn commercial customer) expect of a productive momma cow: calving unassisted, raising heavy calves to weaning, keeping mature size in check, and staying in the productive herd for years to come.

\$Feedlot (\$F): For the cattleman who sees value in retaining ownership of feeder cattle. Growth, performance and carcass quality drive \$Feedlot. Cattle bred to grow and grade excel in \$Feedlot.

Accuracy

EPDs are able to give us an idea of what an animal can produce in our herd, but they aren't perfect predictors. They need information feeding the calculations to make them better. We use EPD accuracies to help us determine the reliability of an EPD. Accuracy is expressed as a value from 0 to 1, with higher values giving us more confidence in that EPD value.

The EPDs on a yearling bull start with a baseline of the average between his parents, a very low accuracy EPD (less than 0.20). As his data is recorded, his EPDs change to reflect his performance and his accuracy will increase. Genomic testing will further increase accuracy (up to about 0.40), but large volumes of progeny performance data are what lead to high accuracy EPDs on a sire.

EPD Accuracies

Very Low	Less than 0.20	Young cattle with little data
Low	0.21-0.40	Cattle with date and genomics
Medium	0.41-0.70	Young cattle with progeny data
High	Greater than 0.71	Heavily used sires

Placing/ Reg #		Sire 3 Spring Heifer Calves (Calved March	DOB 1 1, 2024			SC	REA	R/100	IMF	FT	CE	BW	ww	YW	мс	EM	ST C	WC	REA	МВ	\$CEZ	\$BMI	\$CPI	\$F
AR4384166	Bailey Abney, South Wayne, W TKA OPAL 63M TKA SUPER STAR 61M TKA QUEEN 62M	TKA TC PURPLE HAZE 07E TKA TC PURPLE HAZE 07E TKA TC PURPLE HAZE 07E		644 768	2.96 2.73 3.28 2.99	- - -	10.51 10.24 10.16 10.31	1.59 1.32	2.65 2.42	0.27 0.23	7 8	0.4 0.3 -0.5 0.07			18	3 4	9 · 9 ·).14).14		25.43 26.12 29.75 27.1	102.62	107.67 108.56 111.59 109.27	53.03 52.52
AR4383278	Lazy Bar F Shorthorns, Chicka /F MONA LISA 4008 /F GLAMOUR GIRL 4572 /F MISS MONTANA 4999	/F SIMPLE CHOICE /F SIMPLE CHOICE /F SIMPLE CHOICE	4/8/24 4/21/24 4/28/24 4/19/24	795 648 651 698	2.86 2.45 2.52 2.61	- - -	10.28 9.98 7.76 9.34	1.54 1.19	2.01 2.72 2.22 2.32	0.09 0.16	12 10	-0.1 -0.1	35 38 32 35	57 46	18 16	3	11 - 7 -	-9 (-9 ().47).39		39.96 42.4 40.81 41.06	111.58 104.6	<i>112.24</i> 123.44 107.83 114.50	45.41 44.52
	Spring Heifer Calf Division Ch	ampion:																						
	Spring Heifer Calf Division Re	serve Champion:																						
	Grand Champion ShorthornPlus Pen of 3 Heifers: Reserve Champion ShorthornPlus Pen of 3 Heifers:																							
	·	oring Heifer Calves (Calved March 1, 2	2024 or af	fter)																				
4384615 4384614 4384616	DCL HOT RED ATTRACTION IMP DCL HOT MONA IMP DCL HOT CHELSIE IMP	FIESER'S MR. IMPACT 517 FIESER'S MR. IMPACT 517	6/9/24 6/8/24 6/1/24 6/6/24	503 522 533 519	2.33 2.41 2.38 2.37	- - -	6.57 7.62		3.32 2.70	0.10 0.09	8 6	1.2 2.5 2.8 2.17	42 38	56 53	19 20	4 2	12 - 10 -	10 0 14 0 11 0 12 0).34).35	-0.11 -0.21	34.41 30.6 25.52 30.18	119.77 105.52	116.75	42.87 41.04
4380719 4380718 4380722	Bedwell Cattle Co, Isabella, OK JCB R NAN CL 413M JCB PRIMABELLLA CL 412M JCB R NAN CL 416M	BYLAND CITY LIGHTS 1GL56 BYLAND CITY LIGHTS 1GL56		781 690	2.97 2.93 2.66 2.85	- - -	10.09 11.24 10.53 10.62	1.44 1.53	3.32	0.40 0.26	12 15	0.9	54 56 57 56	88	25 26	8 9		15 (16 (0.03	0.2 0.07 -0 0.08	34.11 38.07 48.79 40.32	142.52 142.19 150.69 145.13	163.68 160.69 183.93 169.43	49.53 47.56
4377886 4377889 4380346	Peak View Ranch Inc PEAKVIEW EMILY 24320 ET PEAKVIEW CASSANDRA 2441 E PEAKVIEW GHOST RIDER 47224	SULL DREAM MAKER 9141G ET BYLAND FLASH 9U106 PEAKVIEW PLATINUM 2215 ET	4/2/24 4/1/24 4/2/24 4/1/24	677 693	2.53 2.38 2.44 2.45	- - -	9.54 8.26 8.32 8.71	1.20	2.46 3.50 3.69 3.22	0.28 0.16	13 9	0.8	50	82 75	28 15	10 2 2	22 - 10 -	-3 (13 ().54).63	-0.1 0.09 0.01 -0.01			105.01 178.72 115.65 133.13	52.58 47.03

Spring Heifer Calf Division Champion:

Spring Heifer Calf Reserve Division Champion:

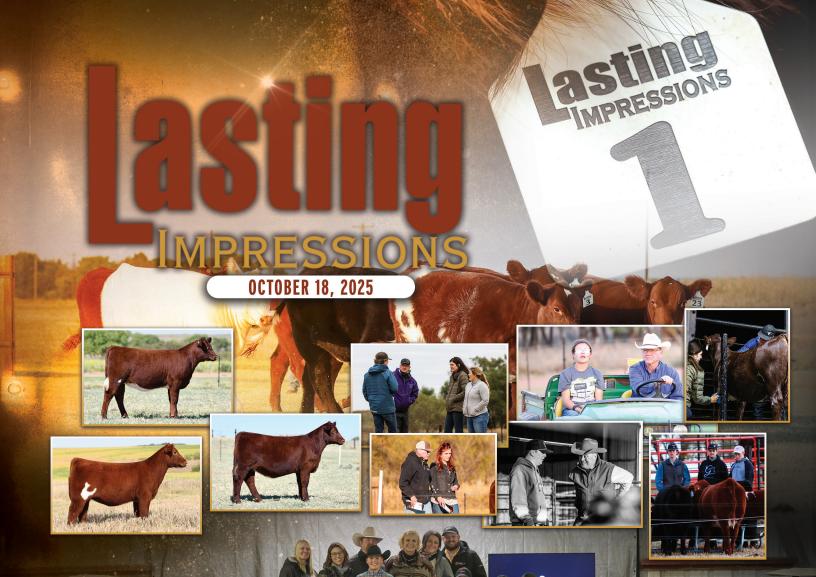
Wa 4378787 WA 4378798 WA 4378764 WA Jun	aukaru Farms Inc, Renssela AUKARU ADELINA 4062 AUKARU RED NAN 4071 AUKARU RED NAN 4039 nior Heifer Calf Division Ch rand Champion Shorthorn I	SPRYS GIGABYTES N122 SPRYS GIGABYTES N122 GILMAN'S ROYAL FLUSH 63K ampion:	2/25/24 2/29/24 2/14/24 2/22/24	926 858 944	2.88 2.71 2.84	- - - - -	12.07 12.82 12.86 12.58	1.49 1.36	3.86 4.83	0.33	11	2.2		90 91			58 5-2	0.5 0.37	0.12 0.04		129.56 134.13	136.44	
4378787 W/ 4378798 W/ 4378764 W/ Jun	AUKARU ADELINÁ 4062 AUKARU RED NAN 4071 AUKARU RED NAN 4039 nior Heifer Calf Division Ch rand Champion Shorthorn I	SPRYS GIGABYTES N122 SPRYS GIGABYTES N122 GILMAN'S ROYAL FLUSH 63K ampion:	2/29/24 2/14/24	858 944	2.71 2.84	- - -	12.82 12.86	1.49 1.36	3.86 4.83	0.33	11	2.2	58										
4378798 WA 4378764 WA Jun	AUKARU RED NAN 4071 AUKARU RED NAN 4039 nior Heifer Calf Division Ch rand Champion Shorthorn I	SPRYS GIGABYTES N122 GILMAN'S ROYAL FLUSH 63K ampion:	2/29/24 2/14/24	858 944	2.71 2.84	- -	12.82 12.86	1.49 1.36	3.86 4.83	0.33	11	2.2	58										
4378764 W <i>I</i> Jun	AUKARU RED NAN 4039 nior Heifer Calf Division Ch rand Champion Shorthorn I	GILMAN'S ROYAL FLUSH 63K ampion:			2.84	-	12.86	1.36	4.83											33.07	134.13	100.04	52.71
	and Champion Shorthorn I	•	2/22/24	909	2.81	-	12.58	1 30			0	1.9	70	96	30	4 1	6 19		0.32		152.53	152.28	64.46
	and Champion Shorthorn I	•						1.35	4.22	0.30	9	2.3	61	9 2	24	61	58		0.16	27.72	138.74	146.45	57.68
Gra		Jan of 2 Holforn	Junior Heifer Calf Division Champion:																				
		Grand Champion Shorthorn Pen of 3 Heifers:																					
Re	Reserve Grand Champion Pen of 3 Heifers: Show Honnoree Presentation: Daryl Rahn																						
Sh																-							
		pring Bull Calves (Calved March 1, 20	24 or aft	er)																			
	ughW Moore Jr & Sons, Jer	. .	0/4/04	000	0.04	40	40.04	4.05	0.00	0.00	10		-1	75	00			0.45	0.00	50.00	1 40 00	474.00	54.00
	M DIPLOMAT PK 26M	BECKLER PEACE KEEPER 13K	3/1/24	962	3.04	40	12.04						51 50	75		11 1		0.45	0.03	52.69	146.93	174.63	
	M ARBITRATOR S 30M	PVF SECURITY 75J	3/4/24	985		36.5		1.11					58				2 13		0.1	34.63	138.53	145.12	
		BECKLER PEACE KEEPER 13K	3/12/24	936	3.07	38 24 E	12.29					1.2	50 52				4 0	0.5 0.57	-0	29.48	128.68	133.68	
	M JUDICIAL S 47M M NEGOTIATOR PK 31M	PVF SECURITY 75J BECKLER PEACE KEEPER 13K	3/30/24 3/4/24	897 990	3.13 3.16		11.83 12.00						52 45	70 62			02 5-1		0.07 0.1	34.18 54.74	138.91 146.39	131.89 168.36	
4373300 1010	IN NEGOTIATOR PR 31M	BEURLER FEAUE REEFER 13K	3/10/24																			150.30	
Sp	oring Bull Calf Division Cha	mpion:																					
		unior Bull Calves (Calved January 1- I	February	29, 20	024)																		
	aukaru Farms Inc, Renssela	-	4/05/04	1011	0.44	40	44.00	4.04	0.00	0.05	0		05	00	00		0 4	0.40	0.04	04.05	405 40	44447	57.00
		GILMAN'S ROYAL FLUSH 63K	1/25/24			42 20 E	14.68 11.56						65 56	96 77			'6 11 '8 3		0.01	24.25 41.64	135.48	144.17	57.03 52.66
		JSF TIMES SQUARE 120G ET	1/24/24																		131.14	161	
		3 GILMAN'S ROYAL FLUSH 63K 3 GILMAN'S ROYAL FLUSH 63K	2/7/24				12.27							101 115			205 2015		0.13 0	31.93 15.73	143.24 147.1	168.11 152.7	
	AUKARU ROYAL EMPIRE 4023 AUKARU BRASCO 4061	WAUKARU RIGHT DESIGN 2018				34 41 5	12.27							71				0.57	-0.2		147.1	152.7	
4370700 117	AUNANU BNASCU 4001	WADNARD RIGHT DESIGN 2010	2/23/24 2/3/24																		120.39 136.47		
Ju	nior Bull Calf Division Char	npion:																					
Ju	nior Bull Calf Reserve Divis	ion Champion:																					
Gra	and Champion Shorthorn I	Pen of 5 Bulls:																					
Re	eserve Grand Champion Sho	orthorn Pen of 5 Bulls:																					

Placing/	Animal Name	Sire	DOB	wт	WDA	SC	REA	R/100	IMF	FT	CE	вw	ww	YW	м	CEM	ST	cwo	CREA	ΜВ	\$CEZ	\$BMI	\$CPI	\$F
		pring Bull Calves (Calved March 1, 20)	23 or afte	er)																				
4000400	Kleine Cattle Enterprises, Wale		4/40/04		0.40	00	40 50	4 50	0.00	0.00	~	0.5	10	50	10	•	10	10	0.45	~ (00 0 7	100.01		00.04
4383122		FOX POWER IN THE BLOOD 205 ET			2.49	28	10.52		2.26			2.5	40	53	18 10	3	12			-0.4	29.37	109.91		
4383124 4383123	KCE BACK IN POWER 412 KCE POWER & FAME 411	FOX POWER IN THE BLOOD 205 ET FOX POWER IN THE BLOOD 205 ET		887 769	3.23 2.79	37.5 34	9.94 9.33		2.65 2.57			3.3 4.3	40 42	60 70	18 18	-2	8 10	-	0.71 0.36	-0.3 -0.1	19.62 10.41	99.33 83.63	89.89 80.89	45.33 45.99
4303123	RUE FOWER & FAME 411	FOX FOWER IN THE BLOOD 203 ET	4/10/24 4 /10/2 4						2.37 2.49			4.3 3.4	42 41		18 18		10 10			-0.7 - 0.27	10.41 19.80	97.62	94.32	
	Waukaru Farms Inc, Rensselaer, IN																							
4379142	WAUKARU EASTWOOD 4140	WAUKARU RIGHT DESIGN 2018	4/19/24	971	3.64	35.5	12.49	1.29	2.96	0.24	15	-0	65	100	24	7	18	13	0.36	-0.1	45.73	146.86	179.49	56.02
4378853	WAUKARU FAMOUS 4102	SBR HIGH COURT 029K	3/10/24	992	3.23	36	12.44	1.25	3.30	0.15	9	1.3	56	86	32	7	19	18	0.41	-0	29.26	135.91	153.36	55.89
4378827	WAUKARU BANDERAS 4075	WAUKARU RIGHT DESIGN 2018	3/1/24	1064	3.37	38.5	12.33	1.16	3.82	0.20	12	1.2	63	95	26	5	15	5	0.35	-0	37.44	146.54	159.87	54.91
			3/20/24	1009	3.41	36.7	12.42	1.23	3.36	0.20	12	0.77	61	94	27	6	17	12	0.37	-0.06	37.48	143.10	164.24	55.61
	Spring Bull Calf Division Champion:																							
	Spring Bull Calf Division Reserve Champion:																							
	Class 7: Shorthorn Pen of 3 Junior Bull Calves (Calved January 1- February 29, 2024)																							
	Waukaru Farms Inc, Rensselae	er, IN	-																					
4378832	WAUKARU STALLONE 4080	WAUKARU RIGHT DESIGN 2018	3/3/24	1024	3.26	39	13.49	1.32	4.80	0.25	15	-0	61	99	26	8	20	8	0.32	0.03	46.56	140.83	182.07	56.08
4378768	WAUKARU ADMIRAL 4043	WAUKARU PENDLETON 0061	2/16/24				15.42					0.8	58	89	27		18	-3		0.03	42.68	147.58		
4378829	WAUKARU HUGO 4077	WAUKARU RIGHT DESIGN 2018		1053		41	13.22					1	59	90	19	-	17	3	0.31	-0.3	30.4	117.23		
			2/26/24	1059	3.31	37.8	14.04	1.32	4.04	0.27	13	0.5	59	93	24	6	18	3	0.30	-0.08	39.88	135.21	166.0	52.54
	Bedwell Cattle Co, Isabella, Ok	(
4383599	JCB FLASH 406M ET	BYLAND FLASH 9U106	2/8/24	1143	3.38	36.5	13.98		3.72			4.3	62	100	21	6	18	19	0.72	0.11	15.35	127.92	136.88	60.04
4380711	JCB BEEF CAKE 404M	PVF BEEFCAKE 38J	2/2/24	1082		36	12.96		3.51			1.9	59	91	24		20		0.9	-0.3	47.65	152.23	182.9	53.84
4380713	JCB BEEF CAKE 407M	PVF BEEFCAKE 38J	2/12/24 2/7/24	1020 1082		38 37	13.10 13.35		2.51 3.25			0.4 2.2		77 89	23 23				0.82 0.81	-0.3 -0.13	40.07 34.36	140 140.05	160.57 160.12	
																-								
	Junior Bull Calf Division Chan	npion:																						

Junior Bull Calf Reserve Division Champion:

Grand Champion Shorthorn Pen of 3 Bulls:

Reserve Grand Champion Pen of 3 Bulls:



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AND GUEST CONSIGNORS