

FY 2015-16 TAEP Cattle Genetics Program - Beef EPD Requirements by Breed - 3 Options

To Qualify: A bull must meet or exceed EPD requirements in EACH EPD category for 1 of the following 3 bull types .

• Bulls must have eligible Genomic Enhanced EPDs for \$1,600 cost-share reimbursement. • NEW

• Bulls with eligible standard EPDs will be reimbursed a maximum \$1,200 cost-share reimbursement.

The 3 bull types are: **Balanced, Terminal or Calving Ease bulls.**

Each bull type (Balanced, Terminal or Calving Ease) has different EPD requirements.

The 3 EPD categories are: **Calving Ease, Growth and Maternal.**

Balanced and Calving Ease bulls must meet 3 of 3 EPD categories .

Terminal bulls must meet 2 of 2 EPD categories (Terminal bulls do not have a maternal requirement).

• Minimum 0.15 accuracy for CE or BW must be met or exceeded for Calving Ease bull type. • NEW

EPDs must be current as of June 1, 2015 to qualify for reimbursement.

BALANCED Bulls <small>(1st bull type option)</small>	Must meet or exceed EPD requirements for: Calving ease and Growth and Maternal								
	1.) CALVING EASE +			2.) GROWTH +			3.) MATERNAL		
	Minimum	Maximum		Minimum	Minimum		Minimum	Maximum	
Breed	CE	or	BW	WW	or	YW	MILK	to	MILK
Angus	3	or	2.9	46	or	77	14	to	34
Beefmaster			0.2	4	or	6	-1	to	9
Brahman			1.4	11	or	18	1	to	11
Brangus & Ultrablack	4	or	1.5	20	or	34	6	to	18
Braunvieh	5	or	3.0	42	or	64	27	to	45
Charolais	4	or	0.2	19	or	31	2	to	21
Gelbvieh	8	or	2.5	65	or	87	21	to	42
Gelbvieh Balancer	10	or	1.2	62	or	90	17	to	39
Hereford	0.4	or	3.7	45	or	71	15	to	34
Black Hereford			3.3	30	or	50	13	to	18
Limousin	6	or	2.2	61	or	84	21	to	37
Lim-Flex	9	or	1.3	62	or	93	21	to	36
Maine Anjou	9	or	1.0	43	or	56	13	to	27
MaineTainer	8	or	1.2	42	or	55	12	to	23
Red Angus	3	or	0.1	51	or	77	13	to	30
Salers	-0.3	or	2.5	28	or	53	10	to	29
Santa Gertrudis			-0.4	-4	or	-5	-3	to	9
Shorthorn/ShorthornPlus	5	or	2.0	43	or	42	15	to	29
Simmental	8	or	2.1	59	or	82	14	to	33
SimGenetics	9	or	1.4	56	or	81	15	to	33
South Devon			2.9	28	or	55	12	to	33

TERMINAL Bulls <small>(2nd bull type option)</small>	Must meet or exceed EPD requirements for: Calving ease and Growth					
	1.) CALVING EASE +		2.) GROWTH +		3.) MATERNAL	
	Minimum	Maximum	Minimum	Minimum	Minimum	Maximum

Breed	CE	or	BW	WW	or	YW	
Angus	0	or	4.7	53	or	92	N/A
Beefmaster			1.6	12	or	17	N/A
Brahman			3.1	20	or	32	N/A
Brangus & Ultrablack	2	or	3.1	28	or	54	N/A
Braunvieh	2	or	5.3	47	or	73	N/A
Charolais	-2	or	2.9	27	or	48	N/A
Gelbvieh	6	or	3.9	74	or	102	N/A
Gelbvieh Balancer	7	or	2.7	70	or	106	N/A
Hereford	-1.5	or	5.5	51	or	83	N/A
Black Hereford			4.7	35	or	57	N/A
Limousin	3	or	3.9	68	or	98	N/A
Lim-Flex	6	or	2.8	69	or	106	N/A
Maine Anjou	5	or	3.6	50	or	68	N/A
MaineTainer	3	or	3.7	49	or	67	N/A
Red Angus	0	or	2.2	61	or	96	N/A
Salers	-1.1	or	3.9	36	or	69	N/A
Santa Gertrudis			1.1	0.9	or	1.2	N/A
Shorthorn/ShorthornPlus	0	or	5.1	52	or	59	N/A
Simmental	4	or	4.3	67	or	98	N/A
SimGenetics	5	or	3.4	65	or	100	N/A
South Devon			5.0	38	or	72	N/A

NEW • CE or BW must meet or exceed minimum 0.15 Accuracy for Calving Ease bull type •									
CALVING EASE Bulls			Must meet or exceed EPD requirements for: Calving ease and Growth and Maternal						
Breed	1.) CALVING EASE +		2.) GROWTH +			3.) MATERNAL			
	Minimum	Maximum	Minimum	or	Minimum	Minimum	Maximum		
(3rd bull type option)	CE (Acc.)	o BW (Acc.)	WW	or	YW	MILK	MILK		
Angus	7 (.15)	or	1.4 (.15)	42	or	74	14	to	34
Beefmaster			-1.8 (.15)	3	or	5	-1	to	9
Brahman			-0.8 (.15)	10	or	16	1	to	11
Brangus & Ultrablack	7 (.15)	or	-0.5 (.15)	17	or	31	6	to	18
Braunvieh	9 (.15)	or	0.2 (.15)	39	or	59	27	to	45
Charolais	10 (.15)	or	-2.9 (.15)	17	or	28	2	to	21
Gelbvieh	12 (.15)	or	0.1 (.15)	62	or	84	21	to	42
Gelbvieh Balancer	13 (.15)	or	-0.7 (.15)	59	or	88	17	to	39
Hereford	4.2 (.15)	or	1.8 (.15)	41	or	67	15	to	34
Black Hereford			2.0 (.15)	28	or	48	13	to	18
Limousin	11 (.15)	or	-0.5 (.15)	57	or	79	21	to	37
Lim-Flex	12 (.15)	or	-0.4 (.15)	59	or	88	21	to	36
Maine Anjou	13 (.15)	or	-0.9 (.15)	41	or	52	13	to	27
MaineTainer	11 (.15)	or	-0.3 (.15)	40	or	52	12	to	23
Red Angus	7 (.15)	or	-1.8 (.15)	48	or	74	13	to	30
Salers	0.6 (.15)	or	1.0 (.15)	25	or	51	10	to	29
Santa Gertrudis			-1.6 (.15)	-5	or	-7	-3	to	9
Shorthorn/ShorthornPlus	9 (.15)	or	-0.6 (.15)	40	or	39	15	to	29
Simmental	13 (.15)	or	0 (.15)	54	or	77	14	to	33
SimGenetics	13 (.15)	or	-0.9 (.15)	51	or	75	15	to	33

South Devon	0.5 (.15)	24 or 52	12 to 33
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Example: Does this Angus bull qualify? CE = 8 / BW = 3.1 / WW = 43 / YW = 73 / Milk = 34
As which bull type?

BALANCED Bull

Must meet or exceed EPD requirements for: Calving ease **and** Growth **and** Maternal

Calving Ease (CE) acceptable greater than 3
Birth Weight (BW) unacceptable greater than 2.9

Calving ease category: **acceptable** meets CE requirement

Weaning Weight (WW) unacceptable lower than 46
Yearling Weight (YW) unacceptable lower than 77

Growth category: **unacceptable** meets *neither* WW or YW requirements

Milk acceptable falls between 14-34

Maternal category: **acceptable** meets Milk requirement (34 is max.)

This bull does not qualify as a "Balanced" bull: Growth category is unacceptable

TERMINAL Bull

Must meet or exceed EPD requirements for: Calving ease **and** Growth only

Calving Ease (CE) acceptable greater than 0
Birth Weight (BW) acceptable lower than 4.7

Calving ease category: **acceptable** meets *both* CE and BW requirements

Weaning Weight (WW) unacceptable lower than 53
Yearling Weight (YW) unacceptable lower than 92

Growth category: **unacceptable** meets *neither* WW or YW requirements

Milk *not required for Terminal bulls*

Maternal category: *not a required category for Terminal bulls*

This bull does not qualify as a "Terminal" bull: Growth category is unacceptable

CALVING EASE Bull

Must meet or exceed EPD requirements for: Calving ease **and** Growth **and** Maternal

Calving Ease (CE) acceptable greater than 7
Birth Weight (BW) unacceptable greater than 1.4

Calving ease category: **acceptable** meets CE requirement

Weaning Weight (WW)	acceptable	greater than 42
Yearling Weight (YW)	unacceptable	lower than 74
Growth category:	acceptable	meets WW requirement
Milk	acceptable	falls between 14-34
Maternal category:	acceptable	meets Milk requirement (34 is max.)

If this bull has a **0.15 or higher** Accuracy for CE:
This bull does qualify as a "Calving Ease" bull: All 3 categories are acceptable

If this bull has a **0.05** Accuracy for CE:
This bull does NOT qualify as a "Calving Ease" bull.

EPD values must be current as of June 1, 2015. EPDs must be generated and printed from the most prominent association of members for each eligible beef breed. Eligible beef breeds for the TAEP Genetics program must have a national breed performance testing program that participates in a National Cattle Evaluation Program recognized by the Beef Improvement Federation.

All bulls must have individual EPDs assigned by their breed association at time of sale catalog printing.

Contact TAEP about other breeds: **Blonde d'Aquitaine, Chiangus, Murray Grey, Pinzgauer, Senepol and Tarentaise.**
 1-800-342-8206 - Phone
livestock.genetics@tn.gov

FY 2015/2016 TAEP Cattle Genetics Program - Minimum Dairy LNM or Index Requirements by Breed

To Qualify: A bull must meet or exceed the requirements in **1 of the 2** categories.

BREED	LNM	or	Index	Value
HOLSTEIN	308	or	TPI	1719
Red & White	308	or	TPI	1719
AYRSHIRE	223	or	PTI	83
GUERNSEY	102	or	PTI	78
JERSEY	217	or	JPI	82
MILKING SHORTHORN	50			