

FY 2016-17 TAEP Cattle Genetics Program - Beef EPD Requirements by Breed - 3 Options

- **\$1,600 maximum cost-share reimbursement for bulls with eligible Genomic Enhanced EPDs.**

"Genomic" and "Parentage" fields must be complete on pedigree prior to reimbursement request.

- **\$1,200 maximum cost-share reimbursement for bulls with eligible true NCE EPDs (0.15 min. Accuracy).**

- ***All bull types must have true NCE EPDs with minimum 0.15 accuracy for the Calving Ease (CE or BW) and Growth (WW or YW) categories.*** True NCE EPDs are calculated on registered bulls after the performance and contemporary group data is submitted to the breed association and calculated through the National Cattle Evaluation (NCE). *Interim EPDs, pedigree estimates, pedigree index (ie. I, I+, P, P+ or 0.05 Accuracy) or parental averages are not eligible for reimbursement.*

Backsolution EPDs (BKS) for an AICA registered bull with performance and contemporary data from NCE is acceptable for the minimum accuracy requirement subject to the \$1,200 max reimbursement for Charolais bulls for 2016-17.

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

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).

Eligible beef breeds for the TAEP Genetics program must have a national breed performance testing program that participates in a National Cattle Evaluation (NCE) program recognized by the Beef Improvement Federation.

Expected Progeny Differences (true NCE EPDs) have changed for this application period and must be current as of October 1, 2016. True NCE EPDs must be calculated and printed from the most prominent breed association.

Seedstock breeders are encouraged to submit DNA samples, performance and contemporary group data on registered bulls to the breed association and DNA testing lab early to allow adequate time to calculate true NCE EPDs for required traits. Seedstock breeders are encouraged to print current bull pedigree once true NCE EPDs are calculated by the breed association and keep a copy for buyers.

Producers are encouraged to purchase registered bulls from reputable seedstock breeders who provide buyers with complete reimbursement documentation at time of purchase including receipt, EID number, BSE and pedigree with EPDs, accuracies, Genomic status and performance data.

Payment may be denied if individual bulls do not have true NCE EPDs with minimum 0.15 accuracy calculated by their breed association at time of sale catalog printing.

Contact TAEP regarding accuracy requirements if your breed generates only one NCE per year.

Contact TAEP about other breeds: Blonde d'Aquitaine, Pinzgauer and Red Poll.

800-342-8206 or 615-837-5382 - Phone

livestock.genetics@tn.gov

NEW • CE or BW and WW or YW must meet or exceed minimum 0.15 Accuracy for all bull types •

BALANCED Bulls

(1st bull type option)

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

Breed	1.) CALVING EASE +		2.) GROWTH +		3.) MATERNAL	
	Minimum	Maximum	Minimum	Minimum	Minimum	Maximum
	CE (Acc.) or	BW (Acc.)	WW (Acc.) or	YW (Acc.)	MILK	MILK
Angus	4 (.15) or	2.7 (.15)	46 (.15) or	77 (.15)	15 to	36
Beefmaster		0.8 (.15)	18 (.15) or	37 (.15)	7 to	13
Brahman		1.4 (.15)	11 (.15) or	19 (.15)	0 to	13
Brangus (Black)	3 (.15) or	1.7 (.15)	20 (.15) or	35 (.15)	5 to	18
Red Brangus	3 (.15) or	1.4 (.15)	12 (.15) or	14 (.15)	5 to	18
Ultrablack	3 (.15) or	1.6 (.15)	22 (.15) or	41 (.15)	5 to	18
Braunvieh	5 (.15) or	3.2 (.15)	41 (.15) or	62 (.15)	27 to	46
Charolais	4 (BK) or	0.4 (BK)	20 (BK) or	34 (BK)	2 to	22
Chianina & Chiangus	6 (.15) or	2.3 (.15)	40 (.15) or	57 (.15)	12 to	30
Gelbvieh	8 (.15) or	2.0 (.15)	63 (.15) or	82 (.15)	20 to	42
Gelbvieh Balancer	10 (.15) or	1.2 (.15)	61 (.15) or	87 (.15)	16 to	38
Hereford	0.6 (.15) or	3.9 (.15)	46 (.15) or	70 (.15)	16 to	35
Black Hereford		3.0 (.15)	41 (.15) or	71 (.15)	21 to	25
Limousin	6 (.15) or	2.2 (.15)	59 (.15) or	79 (.15)	22 to	39
Lim-Flex	9 (.15) or	1.5 (.15)	61 (.15) or	90 (.15)	21 to	37
Maine Anjou	8 (.15) or	1.0 (.15)	43 (.15) or	56 (.15)	12 to	27
MaineTainer	7 (.15) or	1.2 (.15)	42 (.15) or	54 (.15)	12 to	24
Murray Grey		4.4 (.15)	20 (.15) or	30 (.15)	2 to	14
Red Angus	3 (.15) or	0.4 (.15)	54 (.15) or	74 (.15)	13 to	30
Salers	-0.3 (.15) or	2.7 (.15)	27 (.15) or	53 (.15)	10 to	30
Santa Gertrudis		-0.4 (.15)	-4 (.15) or	-5 (.15)	-2 to	9
Senepol		2.2 (.15)	7 (.15) or	9 (.15)	-4 or	14
Shorthorn/ShorthornPlus	6 (.15) or	2.5 (.15)	50 (.15) or	56 (.15)	12 to	28
Simmental	8 (.15) or	2.5 (.15)	58 (.15) or	78 (.15)	13 to	33
SimGenetics	9 (.15) or	1.4 (.15)	55 (.15) or	78 (.15)	15 to	33
South Devon		2.5 (.15)	38 (.15) or	71 (.15)	17 to	36
Tarentaise	0 (.15) or	2.0 (.15)	-3 (.15) or	3 (.15)	-4 to	9

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TERMINAL Bulls

(2nd bull type option)

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

Breed	1.) CALVING EASE +		2.) GROWTH +		3.) MATERNAL	
	Minimum	Maximum	Minimum	Minimum	Minimum	Maximum
	CE (Acc.) or	BW (Acc.)	WW (Acc.) or	YW (Acc.)		
Angus	0 (.15) or	4.7 (.15)	52 (.15) or	93 (.15)		N/A
Beefmaster		2.2 (.15)	26 (.15) or	48 (.15)		N/A
Brahman		3.2 (.15)	20 (.15) or	32 (.15)		N/A
Brangus (Black)	1 (.15) or	3.2 (.15)	27 (.15) or	52 (.15)		N/A
Red Brangus	1 (.15) or	2.4 (.15)	17 (.15) or	25 (.15)		N/A
Ultrablack	1 (.15) or	3.1 (.15)	30 (.15) or	59 (.15)		N/A
Braunvieh	3 (.15) or	5.3 (.15)	46 (.15) or	77 (.15)		N/A
Charolais	-1 (BK) or	2.8 (BK)	28 (BK) or	52 (BK)		N/A
Chianina & Chiangus	3 (.15) or	4.0 (.15)	50 (.15) or	74 (.15)		N/A
Gelbvieh	5 (.15) or	3.6 (.15)	71 (.15) or	100 (.15)		N/A

Gelbvieh Balancer	7 (.15) or	2.6 (.15)	69 (.15) or	105 (.15)	N/A
Hereford	-1.3 (.15) or	5.4 (.15)	52 (.15) or	85 (.15)	N/A
Black Hereford		4.2 (.15)	47 (.15) or	78 (.15)	N/A
Limousin	3 (.15) or	3.8 (.15)	67 (.15) or	96 (.15)	N/A
Lim-Flex	6 (.15) or	2.8 (.15)	68 (.15) or	106 (.15)	N/A
Maine Anjou	4 (.15) or	3.6 (.15)	50 (.15) or	67 (.15)	N/A
MaineTainer	3 (.15) or	3.7 (.15)	49 (.15) or	66 (.15)	N/A
Murray Grey		5.8 (.15)	27 (.15) or	42 (.15)	N/A
Red Angus	0 (.15) or	2.1 (.15)	62 (.15) or	96 (.15)	N/A
Salers	-1.1 (.15) or	3.9 (.15)	36 (.15) or	69 (.15)	N/A
Santa Gertrudis		1.0 (.15)	1.0 (.15) or	1.4 (.15)	N/A
Senepol		3.3 (.15)	15 (.15) or	18 (.15)	N/A
Shorthorn/ShorthornPlus	0 (.15) or	5.0 (.15)	58 (.15) or	71 (.15)	N/A
Simmental	4 (.15) or	4.3 (.15)	66 (.15) or	97 (.15)	N/A
SimGenetics	5 (.15) or	3.3 (.15)	64 (.15) or	100 (.15)	N/A
South Devon		4.3 (.15)	48 (.15) or	88 (.15)	N/A
Tarentaise	-5 (.15) or	4.7 (.15)	9 (.15) or	19 (.15)	N/A

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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	Minimum	Minimum	Maximum
<i>(3rd bull type option)</i>	CE (Acc.)	or BW (Acc.)	WW (Acc.)	or YW (Acc.)	MILK	MILK
Angus	8 (.15) or	1.2 (.15)	41 (.15) or	73 (.15)	15 to	36
Beefmaster		-1.1 (.15)	16 (.15) or	35 (.15)	7 to	13
Brahman		-1.0 (.15)	9 (.15) or	16 (.15)	0 to	13
Brangus (Black)	6 (.15) or	-0.4 (.15)	17 (.15) or	32 (.15)	5 to	18
Red Brangus	6 (.15) or	-0.2 (.15)	10 (.15) or	12 (.15)	5 to	18
Ultrablack	6 (.15) or	-0.2 (.15)	19 (.15) or	38 (.15)	5 to	18
Braunvieh	9 (.15) or	0.8 (.15)	38 (.15) or	58 (.15)	27 to	46
Charolais	10 (BK) or	-2.0 (BK)	19 (BK) or	32 (BK)	2 to	22
Chianina & Chiangus	11 (.15) or	0 (.15)	38 (.15) or	54 (.15)	12 to	30
Gelbvieh	12 (.15) or	0.1 (.15)	60 (.15) or	80 (.15)	20 to	42
Gelbvieh Balancer	13 (.15) or	-0.6 (.15)	58 (.15) or	85 (.15)	16 to	38
Hereford	4.4 (.15) or	2.1 (.15)	42 (.15) or	67 (.15)	16 to	35
Black Hereford		1.6 (.15)	39 (.15) or	68 (.15)	21 to	25
Limousin	11 (.15) or	0 (.15)	55 (.15) or	76 (.15)	22 to	39
Lim-Flex	12 (.15) or	-0.1 (.15)	57 (.15) or	88 (.15)	21 to	37
Maine Anjou	12 (.15) or	-0.9 (.15)	40 (.15) or	51 (.15)	12 to	27
MaineTainer	10 (.15) or	-0.3 (.15)	40 (.15) or	51 (.15)	12 to	24
Murray Grey		2.8 (.15)	17 (.15) or	26 (.15)	2 to	14
Red Angus	7 (.15) or	-1.8 (.15)	49 (.15) or	72 (.15)	13 to	30
Salers	0.7 (.15) or	1.0 (.15)	25 (.15) or	51 (.15)	10 to	30
Santa Gertrudis		-1.4 (.15)	-5 (.15) or	-7 (.15)	-2 to	9
Senepol		0 (.15)	6 (.15) or	8 (.15)	-4 to	14
Shorthorn/ShorthornPlus	10 (.15) or	-0.4 (.15)	47 (.15) or	54 (.15)	12 to	28
Simmental	13 (.15) or	0.4 (.15)	54 (.15) or	75 (.15)	13 to	33
SimGenetics	13 (.15) or	-0.4 (.15)	50 (.15) or	75 (.15)	15 to	33
South Devon		0.2 (.15)	35 (.15) or	69 (.15)	17 to	36

FY 2016/2017 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			