

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

EPDs have changed for this application period and must be current as of October 1, 2023.

REQUIREMENTS – BULLS

1. **BVD-PI test – negative test results required** – see vet at time of BSE & 840 EID
2. **840 EID tag** – “840” are first 3 digits – see vet at time of BSE, BVD-PI, and Trich testing
3. **BSE** – performed by a licensed veterinarian within 90 days of purchase or reimbursement
4. **EPD, Genomic, Index, Accuracy and Pedigree Print Date requirements** – *read below*
5. **Receipt** – seller name, address, and phone, bull ID, price, sale date, and buyer name

Buyer must communicate with the seller prior to purchasing to ensure the bull meets all TAEP eligibility requirements. Bulls that do not meet all eligibility requirements between October 1, 2023 and **date of purchase** will be denied cost share reimbursement.

RECOMMENDED – BULLS

- **Trichomoniasis testing** – “Trich” is a venereal disease of cattle caused by the protozoan *Tritrichomonas foetus*, which is transmitted from cow to cow by infected bulls. **This disease reduces calf production by decreasing fertility and inducing abortions.** While heifers usually rid themselves of Trichomoniasis in three to six months, bulls carry the infection for life without showing any symptoms. With no medically approved cures available, detection and control of infected bulls is key to containing the disease. An official sample must be done by an accredited veterinarian who has been approved by the state. *Trichomoniasis testing is recommended during BSE exam along with submitting ear notch sample for BVD-PI test and securing 840 EID tag for bull.*
- **Trichomoniasis testing is highly recommended for non-virgin bulls during the BSE Exam.** All bulls purchased from out of state sources must meet import requirements as set forth by the State Veterinarian’s Office.

Producers are encouraged to purchase registered bulls from trusted seedstock breeders who provide buyers with complete reimbursement documentation at the point of sale. Complete TAEP reimbursement documentation includes: receipt, 840 EID tag, BSE, negative BVD-PI test results and pedigree with eligible current EPDs (printed between October 1, 2023 and **date of purchase**), index values, accuracies, genomic status and performance data, TAEP bull type.

Visit with your local veterinarian about Trich testing.

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

EPD, GENOMIC, INDEX, ACCURACY & PEDIGREE PRINT DATE REQUIREMENTS

REQUIRED: TAEP has added **Index Values** as an additional option to meet requirements based on a breed association pedigree printed between October 1, 2023 and **date of purchase**. A bull must meet or exceed EPD or Index, plus Genomic or Accuracy requirements in **each of 2** Index/EPD groups (**Calving Ease + Index or Growth**) for one of the following three (1 of 3) bull types:

- **Calving Ease/Maternal Bull Type: CED + (Maternal Index or WW or YW)**
 - For breeding replacement heifers
- **Balanced Trait/Maternal Bull Type: CED + (Maternal Index or WW or YW)**
 - For breeding a combination of mature cows and a few replacement heifers
- **End Product/Terminal Bull Type: CED + (Terminal Index or WW or YW)**
 - For breeding mature cows only
 - ****Not recommended to breed to heifers***

SUGGESTED: A *suggested Milk EPD range* lists the 15% - 85% Milk EPD values for each breed. Optimal Milk EPD range may be a useful tool for producers in selecting functional replacement females with appropriate maintenance requirements consistent with standard production systems.

SUGGESTED: A *suggested Docility EPD (Doc)* lists the 70th percentile Doc EPD value for each available breed. Selecting for bulls with a Doc EPD higher than the minimum *suggested* value may improve or maintain disposition by not utilizing bulls in the low 30% of their breed for docility.

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

EPD, Genomic, Index, Accuracy, and Pedigree Print Date Information

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. Genomic Enhanced or true NCE EPDs must be calculated and printed from the most prominent breed association.

TAEP 2023-2024 EPD, Genomic, Index, Accuracy, & Pedigree Print Date Requirements will be posted in September 2023 at www.tn.gov/taep in Producer Programs under Genetics and will be included in the reimbursement packet.

\$2,000 Maximum Reimbursement — Bulls must have eligible **Genomic Enhanced EPDs (GE-EPDs) and Indexes** on breed association pedigree between October 1, 2023 & **date of purchase** and meet TAEP EPD/Index requirements for one of the three eligible bull types to be eligible for cost share reimbursement.

- **Breeds with GE-EPDs:**

- Angus
- Beefmaster
- Black Hereford
- Brahman
- Brangus (*Black, Red & Ultrablack*)
- Braunvieh
- Charolais
- Gelbvieh & Balancer
- Hereford
- Limousin & Lim-Flex
- Red Angus
- Santa Gertrudis
- Shorthorn
- Simmental & Hybrid
- Wagyu

- Breed association pedigree must be submitted with reimbursement request and include eligible GE-EPDs, Indexes, accuracies, genomic status, and have a printed date between October 1, 2023 and **date of purchase**.
- Reimbursement will be calculated based on purchase price at either 35% or 50% up to \$2,000 maximum.
- Payment for these breeds will be denied if individual bulls do not have eligible Genomic Enhanced EPDs (GE-EPDs) & Indexes calculated by their breed association between October 1, 2023 and **date of purchase**.

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

\$1,000 Maximum Reimbursement — Bulls must have eligible **true NCE EPDs with minimum 0.15 accuracies** on breed association pedigree between October 1, 2023 & **date of purchase** and meet TAEP EPD requirements for one of the three eligible bull types to be eligible for cost share reimbursement. These EPDs must meet or exceed minimum TAEP EPD requirements. *Interim EPDs, pedigree estimates, pedigree index (ex. I, I+, P, P+, or 0.05 Accuracy), or parental averages are not eligible for reimbursement.*

- **Breeds with true NCE EPDs – minimum 0.15 accuracy required:**

- Akaushi
- Chiangus & Chianina
- Maine-Anjou & MaineTainer
- Salers & Optimizer
- Senepol
- South Devon

- Breed association pedigree must be submitted with reimbursement request and include eligible EPDs, accuracies, and have a printed date between October 1, 2023 and **date of purchase**.
- Reimbursement will be calculated based on purchase price at either 35% or 50% up to \$1,000 maximum.
- Payment for these breeds will be denied if individual bulls do not have eligible true NCE EPDs with minimum 0.15 accuracies calculated by their breed association between October 1, 2023 and **date of purchase**.

Bull Type Options

Bulls and semen must meet or exceed EPD/Index requirements in each of the two (2) EPD/Index groups (Calving Ease + Index or Growth) for one of the following three bull types:

- Calving Ease/Maternal — must meet **CED + (Maternal Index or WW or YW)**
- Balanced Trait/Maternal — must meet **CED + (Maternal Index or WW or YW)**
- End Product/Terminal — must meet **CED + (Terminal Index or WW or YW)**

QUESTIONS

Genetics Coordinator: Ryan Betzelberger

Phone: 615-837-5382

Email: livestock.genetics@tn.gov

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

Breeds eligible for TAEP cost-share

Breed	Maternal Index	Terminal Index	Docility	GE-EPDs	Reimb. Max.
British breeds - Maternal & Terminal Indexes, Genomic Enhanced EPDs (GE-EPD) - page 6					
Angus	\$M	\$B	Doc	GE-EPDs	\$2,000
Hereford	\$BMI	\$CHB	-	GE-EPDs	\$2,000
Red Angus	\$HB	\$GM	-	GE-EPDs	\$2,000
Shorthorn	\$BMI	\$F	-	GE-EPDs	\$2,000
Continental, Hybrid breeds - Maternal, Terminal Indexes, Genomic Enhanced EPDs (GE-EPD) - page 7					
Gelbvieh & Balancer	\$Cow	\$FPI	Doc	GE-EPDs	\$2,000
Simmental & Hybrid	\$API	\$TI	Doc	GE-EPDs	\$2,000
Braunvieh	\$API	\$TI	Doc	GE-EPDs	\$2,000
Brahman Hybrid breeds - Maternal & Terminal Indexes, Genomic Enhanced EPDs (GE-EPD) - page 8					
Brangus (Black)	\$Fertility	\$TI	-	GE-EPDs	\$2,000
Red Brangus	\$Fertility	\$TI	-	GE-EPDs	\$2,000
Ultrablack	\$Fertility	\$TI	-	GE-EPDs	\$2,000
Beefmaster	\$M	\$TI	-	GE-EPDs	\$2,000
Brahman, Hybrid, AOB - Maternal & Terminal Indexes, Genomic Enhanced EPDs (GE-EPD) - page 9					
Santa Gertrudis	\$Cow/Calf	\$TI	-	GE-EPDs	\$2,000
Brahman	\$Queen	\$Bull	Doc	GE-EPDs	\$2,000
Black Hereford	\$API	\$TI	Doc	GE-EPDs	\$2,000
Continental, Hybrid, Japanese breeds - Genomic Enhanced EPDs (GE-EPD), Terminal Index - page 10					
Charolais	-	\$TSI	-	GE-EPDs	\$2,000
Limousin & Lim-Flex	-	\$MTI	Doc	GE-EPDs	\$2,000
Wagyu	-	-	-	GE-EPDs	\$2,000
All other breeds - True NCE EPDs (minimum 0.15 accuracy required) - page 11					
Akaushi	-	-	-	-	\$1,000
Chiangus & Chianina	-	-	Doc	-	\$1,000
Maine-Anjou & Tainer	-	-	-	-	\$1,000
Salers & Optimizer	-	-	Doc	-	\$1,000
Senepol	-	-	-	-	\$1,000
South Devon	-	-	Doc	-	\$1,000

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

FY2023-2024 TAEP - EPD, Genomic, Index, Accuracy - breed minimum requirements

British breeds - Maternal & Terminal Indexes, Genomic Enhanced EPDs (GE-EPD)

GE-EPDs required; printed between 10/1/2023 - purchase date; All Breeds listed on this page.

35% Standard Producer / 50% Master Producer cost share up to \$2,000 reimbursement max.

Use CED from the Calving Ease/Maternal bull type for Bred Beef Heifer Service Sire.

ANGUS <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	7	+	\$M ≥ 64	or	49	or 82
Balanced Trait / Maternal	4	+	\$M ≥ 64	or	56	or 88
End Product / Terminal	-1	+	\$B ≥ 138	or	64	or 109

Suggested Milk EPD range: 21 - 32

Suggested Docility EPD: Doc = 15 +

HEREFORD <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	6	+	\$BMI ≥ 350	or	48	or 75
Balanced Trait / Maternal	0	+	\$BMI ≥ 350	or	51	or 80
End Product / Terminal	-4	+	\$CHB ≥ 113	or	59	or 94

Suggested Milk EPD range: 20 - 33

RED ANGUS <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	13	+	\$HB ≥ 55	or	51	or 79
Balanced Trait / Maternal	11	+	\$HB ≥ 55	or	55	or 81
End Product / Terminal	8	+	\$GM ≥ 37	or	64	or 104

Suggested Milk EPD range: 21 - 30

SHORTHORN <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	14	+	\$BMI ≥ 116	or	39	or 59
Balanced Trait / Maternal	9	+	\$BMI ≥ 116	or	42	or 61
End Product / Terminal	4	+	\$F ≥ 50	or	49	or 75

Suggested Milk EPD range: 19 - 27

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

FY2023-2024 TAEP - EPD, Genomic, Index, Accuracy - breed minimum requirements

Continental, Hybrid breeds - Maternal & Terminal Indexes, Genomic Enhanced EPDs (GE-EPD)

GE-EPDs required; printed between 10/1/2023 - purchase date; All Breeds listed on this page.

35% Standard Producer / 50% Master Producer cost share up to \$2,000 reimbursement max.

Use CED from the Calving Ease/Maternal bull type for Bred Beef Heifer Service Sire.

GELBVIEWH & BALANCER
<i>GE-EPDs Required</i>
Calving Ease / Maternal
Balanced Trait / Maternal
End Product / Terminal

Suggested Milk EPD range: 17 - 26

CALVING EASE
CED
15
11
8

INDEX	or	GROWTH	
		WW	YW
\$Cow ≥ 104	or	62	or 85
\$Cow ≥ 104	or	64	or 88
\$FPI ≥ 75	or	72	or 106

Suggested Docility EPD: Doc = 11 +

SIMMENTAL & HYBRID
<i>GE-EPDs Required</i>
Calving Ease / Maternal
Balanced Trait / Maternal
End Product / Terminal

Suggested Milk EPD range: 18 - 29

CALVING EASE
CED
14
10
6

INDEX	or	GROWTH	
		WW	YW
\$API ≥ 131	or	66	or 99
\$API ≥ 131	or	73	or 102
\$TI ≥ 78	or	80	or 118

Suggested Docility EPD: Doc = 10 +

BRAUNVIEWH
<i>GE-EPDs Required</i>
Calving Ease / Maternal
Balanced Trait / Maternal
End Product / Terminal

Suggested Milk EPD range: 9 - 17

CALVING EASE
CED
14
10
7

INDEX	or	GROWTH	
		WW	YW
\$API ≥ 113	or	47	or 64
\$API ≥ 113	or	49	or 67
\$TI ≥ 71	or	56	or 80

Suggested Docility EPD: Doc = 9 +

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

FY2023-2024 TAEP - EPD, Genomic, Index, Accuracy - breed minimum requirements

Brahman Hybrid breeds - Maternal & Terminal Indexes, Genomic Enhanced EPDs (GE-EPD)

GE-EPDs required; printed between 10/1/2023 - purchase date; All Breeds listed on this page.

35% Standard Producer / 50% Master Producer cost share up to \$2,000 reimbursement max.

Use CED from the Calving Ease/Maternal bull type for Bred Beef Heifer Service Sire.

BRANGUS (Black) <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	6	+	\$Fert ≥ 2	or	14	or 31
Balanced Trait / Maternal	4	+	\$Fert ≥ 2	or	17	or 33
End Product / Terminal	2	+	\$TI ≥ 2	or	26	or 48

Suggested Milk EPD range: 4 - 13

BRANGUS (Red) <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	6	+	\$Fert ≥ 2	or	10	or 20
Balanced Trait / Maternal	4	+	\$Fert ≥ 2	or	12	or 22
End Product / Terminal	2	+	\$TI ≥ 1	or	17	or 31

Suggested Milk EPD range: 3 - 10

ULTRABLACK <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	6	+	\$Fert ≥ 2	or	25	or 47
Balanced Trait / Maternal	4	+	\$Fert ≥ 2	or	28	or 51
End Product / Terminal	2	+	\$TI ≥ 3	or	37	or 71

Suggested Milk EPD range: 4 - 11

BEEFMASTER <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	5	+	\$M ≥ 15	or	14	or 28
Balanced Trait / Maternal	3	+	\$M ≥ 15	or	16	or 30
End Product / Terminal	1	+	\$TI ≥ 64	or	27	or 45

Suggested Milk EPD range: 7 - 12

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

FY2023-2024 TAEP - EPD, Genomic, Index, Accuracy - breed minimum requirements

Brahman, Hybrid, AOB - Maternal & Terminal Indexes, Genomic Enhanced EPDs (GE-EPD)

GE-EPDs required; printed between 10/1/2023 - purchase date; All Breeds listed on this page.

35% Standard Producer / 50% Master Producer cost share up to \$2,000 reimbursement max.

Use CED from the Calving Ease/Maternal bull type for Bred Beef Heifer Service Sire.

SANTA GERTRUDIS <i>GE-EPDs Required</i>	CALVING EASE BW (Max.)	+	INDEX	or	GROWTH
					WW YW
Calving Ease / Maternal	-0.7	+	\$Cow/Calf ≥ 17	or	1 or 0
Balanced Trait / Maternal	-0.1	+	\$Cow/Calf ≥ 17	or	4 or 4
End Product / Terminal	1.2	+	\$TI ≥ 9	or	12 or 15

Suggested Milk EPD range: -4 - 3

BRAHMAN <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH
					WW YW
Calving Ease / Maternal	7	+	\$Queen ≥ 29	or	13 or 25
Balanced Trait / Maternal	5	+	\$Queen ≥ 29	or	14 or 27
End Product / Terminal	4	+	\$Bull ≥ 55	or	23 or 41

Suggested Milk EPD range: 4 - 8

Suggested Docility EPD: Doc = 0 +

BLACK HEREFORD <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH
					WW YW
Calving Ease / Maternal	13	+	\$API ≥ 112	or	51 or 63
Balanced Trait / Maternal	10	+	\$API ≥ 112	or	53 or 66
End Product / Terminal	7	+	\$TI ≥ 68	or	60 or 78

Suggested Milk EPD range: 19 - 26

Suggested Docility EPD: Doc = 10 +

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

FY2023-2024 TAEP - EPD, Genomic, Index, Accuracy - breed minimum requirements

Continental, Hybrid, Japanese breeds - Genomic Enhanced EPDs (GE-EPD), Terminal Index

GE-EPDs required; printed between 10/1/2023 - purchase date; All Breeds listed on this page.

35% Standard Producer / 50% Master Producer cost share up to \$2,000 reimbursement max.

Use CED from the Calving Ease/Maternal bull type for Bred Beef Heifer Service Sire.

CHAROLAIS <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	14	+	-		52	or 90
Balanced Trait / Maternal	10	+	-		54	or 92
End Product / Terminal	5	+	\$TSI ≥ 252	or	63	or 109

Suggested Milk EPD range: 17 - 30

LIMOUSIN & LIM-FLEX <i>GE-EPDs Required</i>	CALVING EASE CED	+	INDEX	or	GROWTH	
					WW	YW
Calving Ease / Maternal	15	+	-		57	or 82
Balanced Trait / Maternal	10	+	-		61	or 85
End Product / Terminal	6	+	\$MTI ≥ 48	or	70	or 104

Suggested Milk EPD range: 18 - 27

Suggested Docility EPD: Doc = 12 +

WAGYU <i>GE-EPDs Required</i>	CALVING EASE BW (Max.)	+	GROWTH			
				WW		YW
Calving Ease / Maternal	-1.4	+		-7	or	-9
Balanced Trait / Maternal	-0.1	+		-4	or	-6
End Product / Terminal	2.3	+		3	or	5

Suggested Milk EPD range: -4 - 3

FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

FY2023-2024 TAEP - EPD, Index, Accuracy - breed minimum requirements

All other breeds - True NCE EPDs (minimum 0.15 accuracy required)

Pedigree, qualifying EPDs, Accuracies required; printed between 10/1/2023 - purchase date

35% Standard / 50% Master Producer cost share up to \$1,000 reimbursement maximum

<p style="text-align: center;">AKAUSHI</p> <p><i>True NCE EPDs required (0.15 acc)</i></p> <table border="1"> <tr><td>Calving Ease / Maternal</td></tr> <tr><td>Balanced Trait / Maternal</td></tr> <tr><td>End Product / Terminal</td></tr> </table>	Calving Ease / Maternal	Balanced Trait / Maternal	End Product / Terminal	<p style="text-align: center;">CALVING EASE</p> <table border="1"> <tr><td>CED</td></tr> <tr><td>0</td></tr> <tr><td>-3</td></tr> <tr><td>-5</td></tr> </table>	CED	0	-3	-5	+	<p style="text-align: center;">GROWTH</p> <table border="1"> <tr><td>WW</td><td>YW</td></tr> <tr><td>42</td><td>or 78</td></tr> <tr><td>43</td><td>or 79</td></tr> <tr><td>47</td><td>or 84</td></tr> </table>	WW	YW	42	or 78	43	or 79	47	or 84	<p style="text-align: center;">Suggested</p> <table border="1"> <tr><td>Milk Range</td><td>26 - 29</td></tr> </table>	Milk Range	26 - 29		
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<p style="text-align: center;">SENEPOL</p> <p><i>True NCE EPDs required (0.15 acc)</i></p> <table border="1"> <tr><td>Calving Ease / Maternal</td></tr> <tr><td>Balanced Trait / Maternal</td></tr> <tr><td>End Product / Terminal</td></tr> </table>	Calving Ease / Maternal	Balanced Trait / Maternal	End Product / Terminal	<p style="text-align: center;">CALVING EASE</p> <table border="1"> <tr><td>BW (Max.)</td></tr> <tr><td>-0.9</td></tr> <tr><td>1.6</td></tr> <tr><td>3.4</td></tr> </table>	BW (Max.)	-0.9	1.6	3.4	+	<p style="text-align: center;">GROWTH</p> <table border="1"> <tr><td>WW</td><td>YW</td></tr> <tr><td>5</td><td>or 5</td></tr> <tr><td>6</td><td>or 6</td></tr> <tr><td>13</td><td>or 16</td></tr> </table>	WW	YW	5	or 5	6	or 6	13	or 16	<p style="text-align: center;">Suggested</p> <table border="1"> <tr><td>Milk Range</td><td>1 - 8</td></tr> </table>	Milk Range	1 - 8		
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FY2023-2024 TAEP – EPD, Genomic, Index & Accuracy Requirements

Genetics Overview

\$2,000 Maximum Reimbursement

- Reimbursements will be based on maximum allowed per eligible item
- All items below can be combined for a maximum reimbursement of \$2,000
- Standard 35% cost share or Master 50% cost share

Item	Maximum Per Item*
Bred Does/Ewes	\$200
Bucks/Rams	\$500
Bred Beef Heifers	\$500
Bulls — true NCE EPDs per breed list	\$1,000
Bulls – Genomic Enhanced EPDs (GE-EPD) per breed list	\$2,000
Artificial Insemination	\$2,000

* Items purchased must meet specified conditions to be eligible for the maximum.

TAEP Bull Purchase Reimbursement Tool

The TAEP Bull Reimbursement Tool is an online aid to help in determining a bull's EPD, Index, Accuracy, Genomic & Pedigree Print Date qualification and potential TAEP reimbursement amount. This public service is provided by the UT Department of Animal Science and TAEP. This online tool is found on the **TAEP home webpage** (www.tn.gov/taep).

This tool is intended to be used as a guide to provide information based solely on pedigree data entered by the user. This tool is provided without any guarantees of acceptance. Pedigree must be submitted with reimbursement request and include GE-EPDs (or EPDs with 0.15 accuracies with breeds that do not offer GE-EPDs), indexes, accuracies, genomic verification (if applicable), and have a printed date between October 1, 2023 and the date of purchase.

In addition to a bull meeting EPD, Index, Accuracy, Genomic & Pedigree Print Date qualifications, the bull must also have an eligible BSE, 840 EID tag, and negative test result for BVD-PI.

Genetics and Herd Health Glossary

840 EID	Official USDA Electronic 15 digit ID beginning with "840"	Lepto HB	Leptospira Hardjo-Bovis
Acc	EPD Accuracy (0 – 1.0)	Lepto	Leptospirosis
AI	Artificial Insemination	LNM	Lifetime Net Merit
BRSV	Bovine Respiratory Syncytial Virus	NCE	National Cattle Evaluation
BSE	Breeding Soundness Evaluation	NN	Spider free results from the Spider Syndrome Genotype test
BVD	Bovine Viral Diarrhea Virus	PI	Production Index — Dairy (ex. TPI for Holstein/JPI for Jersey)
BVD-PI	Bovine Viral Diarrhea Virus Persistent Infection	PI₃	Bovine Parainfluenza Type 3 Virus
CE	Calving Ease Direct EPD (Calving Ease group)	RR	Scrapie free results from the Scrapie Codon 171 Genotype test
CVI	Certificate of Veterinary Inspection	Trich	Trichomoniasis
EPD	Expected Progeny Difference	WW	Weaning Weight EPD (Growth group)
GE-EPD	Genomic Enhanced — Expected Progeny Difference	YW	Yearling Weight EPD (Growth group)
IBR	Infectious Bovine Rhinotracheitis		