

FY2025-2026 TAEP – Genomic Enhanced EPD (GE-EPD) & Index Requirements

GE-EPDs/Indexes have changed for this application period and must be current as of October 1, 2025.

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. **Genomic Enhanced EPD (GE-EPD), Index & Pedigree Print Date requirements** – *read pages 1-3 - Explanation; pages 4-7 - Breed requirements tables*
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, 2025 and **date of purchase** will be denied cost share reimbursement.

Regarding Trichomoniasis (“Trich”) testing – 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 GE-EPDs (printed between October 1, 2025 and **date of purchase**), index values, accuracies, genomic status and performance data, TAEP bull type.

Bull Type Options

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

- Balanced Trait/Maternal — must meet **CED + (Maternal Index or WW or YW)**
- Carcass Merit/Terminal — must meet **CED + (Terminal Index or WW or YW)**

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GENOMIC ENHANCED EPD (GE-EPD), INDEX & PEDIGREE PRINT DATE REQUIREMENTS

REQUIRED: **Index Values** are multiple-trait options to meet requirements. GE-EPD or Index values must be printed on breed association pedigree between October 1, 2025 and **date of purchase**. Bull must meet or exceed GE-EPD or Index requirements in **each of 2** Index/GE-EPD groups (**Calving Ease Direct + Index or Growth**) for **one of** the following **two (1 of 2)** bull types:

- **Balanced Trait/Maternal Bull Type: CED + (Maternal Index or WW or YW)**
 - For breeding a combination of mature cows and only a few replacement heifers
- **Carcass Merit/Terminal Bull Type: CED + (Terminal Index or WW or YW)**
 - For breeding mature cows only
 - ****Not recommended to breed to heifers (due to lower CED requirement)***

See breed specific requirements on pages 5-7

****Regarding TAEP Bred Beef Heifers****

- **REQUIRED: Minimum Calving Ease Direct (CED) GE-EPD for TAEP Bred Beef Heifer Service Sires** – *see breed specific requirements on page 4*

Genomic Enhanced EPD (GE-EPD), Index & 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/International Cattle Evaluation (NCE) program using current methodology and compute Genomic Enhanced EPDs (GE-EPD). The GE-EPD and Index values submitted will be compared against the relevant guideline values from the most prevalent American beef breed association evaluation that computes for the particular breed of bull purchased (i.e. SimAngus GE-EPDs and Indexes will compare against the Simmental Association guidelines; Angus from Angus Association guidelines; etc.).

TAEP 2025-2026 Genomic Enhanced EPD (GE-EPD), Index & Pedigree Print Date Requirements are available by emailing: livestock.genetics@tn.gov

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\$2,000 Maximum Reimbursement — Bulls must have eligible **Genomic Enhanced EPDs (GE-EPD) and Indexes** or have a minimum accuracy value of .25 for the Calving Ease Direct (CED) EPD on breed association pedigree between October 1, 2025 & **date of purchase** and meet TAEP GE-EPD/Index requirements for **one of the two (1 of 2)** eligible bull types to be eligible for cost share reimbursement. Contact the breed association if you are unsure of the bull's status.

- **Breed**

- Angus
 - Beefmaster
 - Black Hereford
 - Brangus/Ultrablack
 - Braunvieh
 - Charolais
 - Chianina/Chiangus
 - Gelbvieh/Balancer
 - Hereford
 - Limousin/Lim-Flex
 - Maine-Anjou/MaineTainer
 - Red Angus
 - Salers/Optimizer
 - Santa Gertrudis
 - Senepol
 - 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, 2025 and **date of purchase**.
 - Reimbursement will be calculated based on purchase price at 50% (Master Certification required for all TAEP producers) up to \$2,000 maximum.
 - Payment for these breeds will be denied if individual bulls do not have eligible Genomic Enhanced EPDs (GE-EPD) & Indexes or .25 accuracy for CED EPD calculated by their breed association between October 1, 2025 and **date of purchase**.

QUESTIONS

Genetics Coordinator: Ryan Betzelberger

Phone: 615-837-5382

Email: livestock.genetics@tn.gov

FY2025-2026 TAEP – Genomic Enhanced EPD (GE-EPD) & Index Requirements

Breeds eligible for 2025-2026 TAEP Genetics cost-share

Minimum CED GE-EPD Required for TAEP Bred Beef Heifer – Service Sire

Genomic Enhanced EPD (GE-EPD) Required for all Bulls & Service Sires

<u>Breed</u>	<u>Required Bred Beef Heifer Service Sire CED GE-EPD (min.)</u>
Angus	$CED \geq 7$
Beefmaster	$CED \geq 5$
Black Hereford	$CED \geq 13$
Brangus/Ultrablack	$CED \geq 6$
Braunvieh	$CED \geq 13$
Charolais	$CED \geq 12$
Chianina/Chiangus	$CED \geq 11$
Gelbvieh/Balancer	$CED \geq 15$
Hereford	$CED \geq 6$
Limousin/Lim-Flex	$CED \geq 15$
Maine-Anjou/MaineTainer	$CED \geq 11$
Red Angus	$CED \geq 13$
Salers/Optimizer	$CED \geq 14$
Santa Gertrudis	$BW \leq -1$
Senepol	$BW \leq -1$
Shorthorn	$CED \geq 14$
Simmental/Hybrid	$CED \geq 13$
Wagyu	$BW \leq -2$

FY2025-2026 TAEP – Genomic Enhanced EPD (GE-EPD) & Index Requirements

FY2025-26 TAEP – Genomic Enhanced EPD (GE-EPD)/Index – minimum requirements.

Pedigree/GE-EPDs must be printed between 10/1/2025 – purchase date.

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

<u>ANGUS</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 4$	<u>and</u>	$\$M \geq 61$	or	$WW \geq 56$	or	$YW \geq 101$
Carcass Merit/Terminal	$CED \geq -2$	<u>and</u>	$\$B \geq 147$	or	$WW \geq 64$	or	$YW \geq 114$

<u>BEEFMASTER</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 3$	<u>and</u>	$\$M \geq 16$	or	$WW \geq 18$	or	$YW \geq 25$
Carcass Merit/Terminal	$CED \geq 1$	<u>and</u>	$\$TI \geq 72$	or	$WW \geq 28$	or	$YW \geq 39$

<u>BLACK HEREFORD</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 10$	<u>and</u>	$\$API \geq 111$	or	$WW \geq 50$	or	$YW \geq 81$
Carcass Merit/Terminal	$CED \geq 7$	<u>and</u>	$\$TI \geq 59$	or	$WW \geq 58$	or	$YW \geq 93$

<u>BRANGUS/ULTRABLACK</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 4$	<u>and</u>	$\$Fert \geq 3$	or	$WW \geq 17$	or	$YW \geq 34$
Carcass Merit/Terminal	$CED \geq 2$	<u>and</u>	$\$TI \geq 2$	or	$WW \geq 26$	or	$YW \geq 48$

<u>BRAUNVIEH</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 10$	<u>and</u>	$\$API \geq 101$	or	$WW \geq 45$	or	$YW \geq 58$
Carcass Merit/Terminal	$CED \geq 5$	<u>and</u>	$\$TI \geq 65$	or	$WW \geq 53$	or	$YW \geq 71$

<u>CHAROLAIS</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 8$	<u>and</u>	-		$WW \geq 55$	or	$YW \geq 100$
Carcass Merit/Terminal	$CED \geq 2$	<u>and</u>	$\$TSI \geq 264$	or	$WW \geq 65$	or	$YW \geq 117$

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<u>CHIANINA/CHIANGUS</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	CED ≥ 8	<u>and</u>	\$APT ≥ 105	or	WW ≥ 43	or	YW ≥ 62
Carcass Merit/Terminal	CED ≥ 5	<u>and</u>	\$TI ≥ 70	or	WW ≥ 51	or	YW ≥ 78

<u>GELBVIEH/BALANCER</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	CED ≥ 11	<u>and</u>	\$MPI ≥ 105	or	WW ≥ 65	or	YW ≥ 97
Carcass Merit/Terminal	CED ≥ 7	<u>and</u>	\$FPI ≥ 111	or	WW ≥ 75	or	YW ≥ 115

<u>HEREFORD</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	CED ≥ 0	<u>and</u>	\$BMI ≥ 362	or	WW ≥ 51	or	YW ≥ 81
Carcass Merit/Terminal	CED ≥ -4	<u>and</u>	\$CHB ≥ 118	or	WW ≥ 60	or	YW ≥ 96

<u>LIMOUSIN/LIM-FLEX</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	CED ≥ 10	<u>and</u>	-		WW ≥ 57	or	YW ≥ 86
Carcass Merit/Terminal	CED ≥ 6	<u>and</u>	\$TPI ≥ 96	or	WW ≥ 68	or	YW ≥ 106

<u>MAINE-ANJOU/TAINER</u>	<u>CED</u>	<u>and</u>			<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	CED ≥ 6	<u>and</u>	-		WW ≥ 36	or	YW ≥ 45
Carcass Merit/Terminal	CED ≥ 0	<u>and</u>	-		WW ≥ 47	or	YW ≥ 64

<u>RED ANGUS</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	CED ≥ 11	<u>and</u>	\$HB ≥ 51	or	WW ≥ 60	or	YW ≥ 95
Carcass Merit/Terminal	CED ≥ 7	<u>and</u>	\$GM ≥ 50	or	WW ≥ 70	or	YW ≥ 113

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<u>SALERS/OPTIMIZER</u>	<u>CED</u>	<u>and</u>			<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 11$	<u>and</u>	-		$WW \geq 48$	<u>or</u>	$YW \geq 65$
Carcass Merit/Terminal	$CED \geq 7$	<u>and</u>	-		$WW \geq 56$	<u>or</u>	$YW \geq 81$

<u>SANTA GERTRUDIS</u>	<u>BW (Max.)</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$BW \leq 0$	<u>and</u>	$\$Cow \geq 19$	<u>or</u>	$WW \geq 6$	<u>or</u>	$YW \geq 6$
Carcass Merit/Terminal	$BW \leq 1$	<u>and</u>	$\$TI \geq 11$	<u>or</u>	$WW \geq 15$	<u>or</u>	$YW \geq 19$

<u>SENEPOL</u>	<u>BW (Max.)</u>	<u>and</u>			<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$BW \leq 1$	<u>and</u>	-		$WW \geq 6$	<u>or</u>	$YW \geq 6$
Carcass Merit/Terminal	$BW \leq 3$	<u>and</u>	-		$WW \geq 13$	<u>or</u>	$YW \geq 17$

<u>SHORTHORN</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 8$	<u>and</u>	$\$BMI \geq 116$	<u>or</u>	$WW \geq 38$	<u>or</u>	$YW \geq 53$
Carcass Merit/Terminal	$CED \geq 3$	<u>and</u>	$\$F \geq 46$	<u>or</u>	$WW \geq 46$	<u>or</u>	$YW \geq 66$

<u>SIMMENTAL/HYBRID</u>	<u>CED</u>	<u>and</u>	<u>INDEX</u>	<u>or</u>	<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$CED \geq 10$	<u>and</u>	$\$API \geq 133$	<u>or</u>	$WW \geq 73$	<u>or</u>	$YW \geq 107$
Carcass Merit/Terminal	$CED \geq 6$	<u>and</u>	$\$TI \geq 80$	<u>or</u>	$WW \geq 80$	<u>or</u>	$YW \geq 120$

<u>WAGYU</u>	<u>BW (Max.)</u>	<u>and</u>			<u>WW</u>	<u>or</u>	<u>YW</u>
Balanced Trait/Maternal	$BW \leq 0$	<u>and</u>	-		$WW \geq -4$	<u>or</u>	$YW \geq -6$
Carcass Merit/Terminal	$BW \leq 3$	<u>and</u>	-		$WW \geq 4$	<u>or</u>	$YW \geq 6$