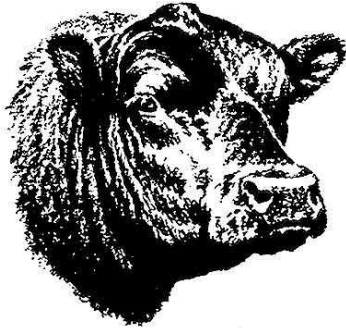


West Virginia Young Sire Evaluation Program



2021 – 2022 Southern Bull Test

Kevin Shaffer, Ph.D., Program Coordinator

West Virginia University Extension Service
1194 Evansdale Drive, Room G213
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Morgantown, WV 26505
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Mission:

1. Provide opportunity for consignors to evaluate genetic merit
2. Provide commercial producers with a source of genetically superior bulls and the necessary data to accurately evaluate differences in genetic merit
3. Provide animals and data that can be used for educational programming

Location:

Green Mesa Farm
7312 Kanawha Valley Rd
Henderson, WV 25106
Phone: (304) 675-2776

A component of the West Virginia Young Sire Evaluation Program, the Southern Bull Test is sponsored by:

***WVU Cooperative Extension
WVU Division of Animal and Nutritional Sciences
West Virginia Department of Agriculture
West Virginia Cattlemen's Association***

Rules and Regulations

Section I: Eligibility

Consignors

1. Cooperators must be a member of the West Virginia Cattlemen's Association.
2. Cooperators must be Beef Quality Assurance (BQA) Certified.
3. Cooperators must be enrolled in their respective breed association performance records program (ie. AHIR, TPR, CHIP, SMILE, etc.).
4. Cooperators are strongly encouraged to participate in at least one of the following carcass and/or feedlot performance data collection methods:

Choose A or B

- A.** Retained ownership of cattle through harvest via the West Virginia Feedlot and Product Information Program (WVFPIP) or a program of equal merit. To participate in the WVFPIP, participants must enroll at least five (5) head (any combination of sex); however, cooperators should consign a number of cattle equal to or greater than the number of bulls they annually enroll in the WBT.
- B.** Collect yearling ultrasound data on at least 65% of heifer calf crop annually.

Bulls

1. A maximum of 90 bulls will be accepted for evaluation.
2. Bulls must be born on or after December 25, 2020 through February 28, 2021.
3. All breeds of bulls are eligible; however, bulls must be registered with the appropriate breed association by the delivery date and registration numbers provided to the program coordinator. Composite bulls are also eligible but you must notify the program coordinator of the composite makeup.
4. Bulls must have individual birth and weaning weight data collected and submitted to the appropriate breed association prior to the delivery date.
5. Cooperators must consign at least three (3) head per breed group, and they must be contemporaries. At least one third of the consignment (within each weaning contemporary group) must be sired by a reference sire. A reference sire is defined as a bull with an accuracy for birth weight EPD at the time of nomination of ≥ 0.65 for Angus and ≥ 0.60 for all other breeds, respectively.
6. Bulls must have been weaned in a contemporary group of at least ten (10) head. If enrolling bulls from multiple contemporary groups, at least three (3) head must be enrolled from each contemporary group, and at least one third of each contemporary group must be sired by a reference sire (See Item 5 above.).

NOTE: *A contemporary group is defined as calves of the same sex born within a specified age range (60 - 90 days depending upon breed) and treated alike until the data is collected.*

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7. Sire parentage must be verified via DNA and documentation provided at delivery.
8. Bulls produced via embryo transfer (ET) are eligible but cooperators must enroll a minimum of three ET bulls. Embryo transfer consignments do not have to be flushmates but must have been weaned in a contemporary group of at least five (5) head (*See contemporary group definition above*).
9. Bulls raised with or by nurse cows are not eligible.
10. Bulls that are carriers of known genetic defects as identified and recognized by their respective breed association are not eligible (*See Appendix III*).
 - A. Potential carriers of genetic defects must have been tested free prior to delivery and a copy of the test report must accompany bulls to the test station.

Section II: Health Requirements

1. Cooperator herds must comply with the vaccination requirements outlined in the West Virginia Quality Assurance Comprehensive Herd Health Program (*See Appendix I*). To maximize vaccine efficacy and calf health, cooperators must:
 - A. Provide all bulls with continuous access to a complete, well-balanced, loose mineral supplement beginning at least 60 days prior to weaning. A mineral supplement formulated for two (2) ounces consumption per head per day should contain these minimum concentrations:

-	Zinc (Zn)	2500 ppm
-	Copper (Cu)	1000 ppm
-	Selenium (Se)	30 ppm
 - B. Keep vaccines out of direct sunlight and store vaccines and syringes in a cooler at all times.
 - C. Vaccinate during the cooler times of the day. Do not administer vaccines when the air temperature exceeds 86° F.
 - D. Avoid treating bulls for internal or external parasites within seven (7) days of delivery. Because bulls will be dewormed at delivery, administering parasite treatments during this time could increase transportation stress and the potential for cumulative drug toxicity.
 - E. Wean calves at least 45 days prior to delivery or no later than September 5, 2021.
2. Bulls with active pinkeye, ringworm, or warts at the time of delivery will not be accepted. The station manager and/or program coordinator reserve the right to reject any such bull.
3. Horned bulls must be dehorned and fully healed prior to delivery to the test station.
4. No bull under federal or state quarantine may enter the test station.
5. Non-resident consignors must present a valid Certificate of Veterinary Inspection (CVI) prior to unloading bulls.

Section III: Procedures for Entrance

1. Complete **Cooperator Enrollment Form** and **Bull Nomination Form** and submit to the program coordinator by **September 10, 2021** (must be postmarked by September 10, 2021). Late nominations will not be accepted.
 - A. Cooperators will be notified of the number of bulls accepted as soon as possible after the nomination deadline.
 - B. Preference will be given to resident cooperators from the previous year; however, new or non-resident cooperators will be accepted if space is available.
 - C. New or non-resident acceptance will be first come first serve with priority determined by the postmark date on the nomination form.
2. Wean and precondition bulls at least 45 days prior to delivery.
 - A. Collect weaning weights according to your breed association performance record guidelines (average of 205 days of age) and submit the data immediately for processing.
 - B. Feed bulls concentrate feeds between 0.5% and 1.0% of their body weight during the preconditioning period.
 - C. Administer booster vaccinations.
 - D. Bob tails and trim sheaths.
3. Prepare the following paperwork for submission at the time of nomination. Please prepare paperwork in advance and proofread your work.

All Breeds:

- Original Registration Certificate (*Signed by owner for transfer purposes*)
- Certificate of Vaccination
- Certificate of Veterinary Inspection (CVI) (*Non-resident consignors only*)
- Mission Statement (*Optional—Contact program coordinator*)

Angus:

- Individual AHIR Data Report
- Individual Produce of Dam Report

Hereford:

- Yearling Worksheet (Form 3)
- Individual Performance Pedigree

- See Appendix II for detailed instructions on how to obtain these reports. If enrolling a breed not shown above, contact program coordinator for instructions.

NOTE: Any bull that does not have complete information at the time of delivery will not be accepted. There will be zero tolerance!

4. Bulls will be received between 8:30 AM and 2 P.M. on Wednesday, October 20, 2021.
5. All bulls must remain on feed for the entire data collection period unless removed by management.
6. By participating in the Southern Bull Test, cooperators agree to allow the program coordinator to submit yearling data (ie. yearling weight, hip height, and scrotal circumference) to breed association's for processing, to request updated EPDs and within herd yearling ratios for use in the sale catalog, and to allow the program coordinator and/or other WVU faculty to utilize collected data for research purposes.

Section IV: Sale Requirements

1. To qualify for the Southern Bull Test Sale, bulls must meet or exceed the following minimum independent culling levels :
 - Adjusted scrotal circumference ≥ 31.0 cm
 - Average Daily Gain (ADG) ratio ≥ 88
 - Adjusted Off-Test Weight(OTW) ratio..... ≥ 90
 - Ribeye Area per hundred weight (REA/CWT)..... ≥ 1.0 in²/cwt
 - Adjusted Intramuscular Fat..... ≥ 2.75 %
 - USDA Muscle Score > 1.0

NOTE: *Sale management reserves the right to make minor adjustments to eligibility requirements should conditions warrant.*

2. All bulls must have EPDs for birth weight, weaning weight, and milk.
 - A. All Angus bulls, except those resulting from embryo transfer, must have accuracies greater than the pedigree estimate (> 0.07) for birth and weaning weight EPDs.
3. All bulls must pass a comprehensive Breeding Soundness Exam (BSE). Bulls will be given two (2) opportunities to pass.
4. Bulls exhibiting problems with correctness of feet and legs or structural soundness will not be eligible for sale.
5. All bulls must have a negative Bovine Viral Diarrhea Persistent Infection (BVD-PI) test within 30 days of the sale. Bulls testing positive for BVD-PI must leave the test station immediately regardless of destination unless to slaughter.
6. The test committee reserves the right to disqualify any bull because of health, disposition, lack of identification, or if in the committee's opinion, the bull appears to be misrepresented. As a cooperator, you agree to allow management to obtain DNA samples for testing/evaluation.
7. All bulls failing to qualify for the sale will be released from the test station following the completion of breeding soundness exams.
 - A. Non-sale bulls must be picked up during the first week of March 2022.
 - B. Cooperators are encouraged to send inferior bulls to slaughter.

NOTE: *Should a cooperator wish to retain full possession of a sale eligible bull for within-herd use, they must notify the program coordinator by February 28, 2022. If the cooperator fails to notify the program coordinator by the deadline, their bull will be included in the sale catalog, be auctioned on sale day, and be charged the appropriate sale fees.*

Section V: Sale

1. The Southern Bull Test Sale will take place on March 18, 2022 at 7:00 PM at the Jackson County Regional Livestock Market in Fairplain, WV.
2. Sale order will be determined using an index consisting of traits measured during the test period. The sale manager and executive committee reserve the right to adjust sale order as necessary.

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- 3. To protect cooperators, a floor price will be in place for the sale and will be determined during a cooperator meeting.
 - A. Cooperators must be present for their opinion to count.
 - B. Any bull offered for sale that fails to bring the minimum bid will be the responsibility of the cooperator as soon as the bull leaves the salering.
- 4. As a cooperator, you agree to guarantee the ability of your bulls to breed and settle cows if properly cared for.
- 5. Announcements at the sale will come from the auctioneer’s box only and will take precedence over any printed material.
- 6. Auctioneer: Daniel Mitchell

Section VI: Costs

- 1. Pre-sale test costs per bull are:

- Station Fee	\$20.00
- Management Fee	\$120.00
- Advertising Fee.....	\$35.00
- Feed/Bedding (approximate)	\$330.00
- Veterinary	
- Preventative Health (approximate)	\$45.00
- Treatment (approximate)	\$15.00
- Breeding Soundness Exam	\$15.00
- Yearling Ultrasound Data	\$20.00
Estimated Total	<u>\$600.00</u>

- A. If a bull dies or is removed from the program prior to completing the test, the cooperator will pay all costs accumulated up to the removal date.
 - B. A fee of \$450 per bull is due upon delivery to the test station.
- 2. Sale costs will be assessed to all bulls auctioned on sale day. Bulls that fail to bring the floor price will be charged sale commission.

Section VII: Liability

Bulls enrolled in the Southern Bull Test will receive appropriate management. Professional veterinary services will be utilized when deemed necessary by the station manager and/or program coordinator. The program sponsors assume no liability, legal or otherwise, for loss of bulls, property damage, personal injury, or accuracy of collected data and printed information.

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Section VIII: 2021-2022 Schedule

Eligible Birth Dates: December 25, 2020 – February 28, 2021
Enrollment/Nomination Deadline: September 10, 2021
Weaned: No later than September 5, 2021
Booster Vaccination: No later than September 5, 2021

85-day Performance Evaluation Period

Delivery: October 20, 2021
On Test: November 17 and 18, 2021
First Intermediate Weight: December 15, 2021 (Delouse)
Second Intermediate Weight: January 12, 2022
Off Test: February 10 and 11, 2022 (Clip for Ultrasound/Scrotal/HH)
Ultrasound: Week of February 14, 2022
Muscle/Structure Score: Week of February 7, 2022
BSE: Week of February 21, 2022
Sale: March 18, 2022 @ 7:00 PM

Southern Bull & Heifer Evaluation Advisory Committee

Kevin Shaffer	WVU Extension Livestock Specialist/Program Coordinator
John McCutcheon	Greenbrier County Extension Agent (Retired)
Ed Smolder	Jackson County Extension Agent (Retired)
David Richmond	Raleigh/Summers County Extension Agent
Brian Sparks	Nicholas/Fayette County Extension Agent
Ben Goff	Mason/Putnam County Extension Agent
J.J. Barrett	Wood County Extension Agent
John David Johnson	Jackson County Extension Agent
Don Peterson	Producer
Chuck Lipscomb	Producer
Bill Rohr	Producer
Jack Crank	Station Manager
Johnathan Hall	WV Department of Agriculture
Dwayne O'Dell	WV Farm Bureau
Dr. Bill Crank, DVM	Station Veterinarian
Ronnie Helmondollar	Director, WVU Extension Ag & Natural Resources Unit

Appendix I

WV Beef Quality Assurance Comprehensive Herd Health Program

K. Shaffer, WVU Extension Specialist
D. Matlick, WVU Extension Veterinarian

Pre-breeding:

Cows/Heifers/Bulls – Post-calving but 30-60 days prior to breeding

1. IBR, PI3, BVD, BRSV – Modified live (Use Fetal Protection (FP) Products)
2. Lepto 5 and/or L. hardjo bovis—(*Vibrio Optional*)
3. 7-way Clostridial (Yearling Replacement Heifers)
4. Pinkeye (Optional)
5. Deworm yearling heifers—Cows/Bulls optional depending upon body condition

Calves

1. IBR, PI3, BVD, BRSV - Modified live (BVD optional in spring)
2. 7-way Clostridial
3. Pasteurella multocida and Mannheimia haemolytica (Optional)
4. Pinkeye (Optional)

Pre-vaccination/Weaning:

Calves – Three to four weeks prior to weaning

1. IBR, PI3, BVD, BRSV - Modified live
2. Lepto 5 and/or L. hardjo bovis ***
3. 7-way Clostridial
4. Pasteurella (Pasteurella multocida and/or Mannheimia haemolytica)
5. Deworm (White wormers are working best)

Calves – Booster at Weaning

1. IBR, PI3, BVD, BRSV - Modified live
2. Lepto 5 and/or L. hardjo bovis ***
3. 7- way Clostridial
4. Deworm (White wormers are working best)
5. All other products used at pre-vaccination that label requires booster

*** *Vibrio* is optional for pregnancy protection; however, if using vaccines containing *Vibrio* and Lepto 5, they must be administered separately from Pasteurella vaccines to minimize the risk of endotoxemia.

*** All vaccinations (boosters) must have been administered at least 30 days prior to delivery.

Preg-Check:

1. *Vibrio*, Lepto 5 and/or L. hardjo bovis (Optional)
2. Deworm thin cows and heifers

Pre-Calving:

1. Rotavirus, Coronavirus, Clostridium perfringens Type C, K99 E. coli. (Optional)
2. De-lice w/ non-generic pour-on

If you have questions about what products meet these requirements, contact the program coordinator.

Appendix II

Angus:

Individual AHIR Data Report

1. Login to your AAA online account.
2. Under the **MY HERD** tab, click on **Animal Lists** then **Current Calf Inventory**.
3. Select the second option for narrowing your inventory search.
 - a. Set the **Birth Date Range** to **Begin: 12/25/2020** and **End: 02/28/2021**.
 - b. Click on the **Sex** drop down list to the right and select **Bull**.
 - c. Click **Search**.
4. Scroll down to find a bull you have enrolled and click on **AHIR Data** at the far right.
5. Click on **Printable Version** at the top left hand corner of the screen.
6. Print the PDF file.
7. Repeat steps 4-6 for each bull you are enrolling.

Individual Produce of Dam Report

1. Login to your AAA online account.
2. Under the **REPORTS** tab, click on **Dam Reports** then **Produce of Dam Report**.
3. Click **Search**.
4. Scroll down to find the dam of a bull you have enrolled and click on her **Tag #**.
5. Print the PDF file.
6. Repeat steps 4 and 5 for the dam of each bull you are enrolling.

Hereford:

Yearling Worksheet (Form 3)

1. Login in to your AHA online myHERD account.
2. Click on the **Reports** tab to view the drop down menu, then click on **Yearling Worksheet (Form 3)**.
3. Click on the file entitled **5465000_FORM3_2021Spring.pdf**. (The numbers at the beginning will be your breeder code. If you do not see a 2020 Spring file, click on the **Jobs** tab, then on **Analyze Calf Crop**, and submit a request for a **Weaning Report**. Allow 5-10 minutes for the report to generate and then repeat steps 2 and 3.)
4. Print the PDF file.

Dam Production Report

1. Login in to your AHA online myHERD account.
2. Click on the **Jobs** tab and then on **Dam Production Reports**. Select the **Year** as "2021" and **Season** as "Spring" and click **Submit Request**.
3. Allow 5-10 minutes for the report to generate and then click on the **Reports** tab to view the drop down menu. Click on **Dam Production Reports**.
4. Double click on **5465000_DAM_SMRY_2021Spring.pdf**.
5. Print the PDF file.

Appendix II

Charolais:

Individual Weaning Data

1. Login to your AICA online account.
2. Hover over the heading **My Performance**.
3. Scroll down and click on **My Weaning**.
4. For each bull enrolled, click on [View](#) in the right hand column.
5. Click on the [Performance](#) tab and print the page.

Individual Dam Summary

1. Login to your AICA online account.
2. Hover over the heading **My Reports**.
3. Hover over the heading **Sire\Dam Performance Summary**.
4. Click on **Dam Lifetime – Individual**.
5. Enter the Dam ID for a bull you are entering and click **Print**.
6. Print the PDF file.
7. Repeat steps 5 and 6 for each bull enrolled.

Simmental/SimAngus:

- Weaning Report
- Individual Dam Report

Appendix III

Known carriers of the following genetic defects are not eligible. Potential carriers of genetic defects identified and recognized by their breed association must be tested free and verification provided at delivery.

American Angus Association:

Arthrogryposis Multiplex (AM)
Neuropathic Hydrocephalus (NH)
Contractual Arachnodactyly (CA)
Developmental Duplication (DD)
Myostatin (M1)
Dwarfism (D2)
Osteopetrosis (OS)
Oculocutaneous Hypopigmentation (OH)

American Hereford Association:

Hypotrichosis (HY)
Dilutor (DL)
Idiopathic Epilepsy (IE)
Maple Syrup Urine Disease (MSUD)

American International Charolais Association:

N/A

American Simmental Association:

Arthrogryposis Multiplex (AM)
Neuropathic Hydrocephalus (NH)
Contractual Arachnodactyly (CA)
Osteopetrosis (OS)
Pulmonary Hypoplasia with Anasarca (PHA)
Tibial Hemimelia (TH)
Dwarfism (DW1)
Idiopathic Epilepsy (IE)
Hypotrichosis (HT)
Bovine Mannosidosis (BM)
Oculocutaneous Hypopigmentation (OH)

North American Limousin Foundation:

Arthrogryposis Multiplex (AM)
Neuropathic Hydrocephalus (NH)
Contractual Arachnodactyly (CA)
Osteopetrosis (OS)
Pulmonary Hypoplasia with Anasarca (PHA)
Tibial Hemimelia (TH)

Cooperator Enrollment Form

Southern Bull Test

Name: _____

Address: _____

Phone: _____ Email: _____

NOTE: *If you cannot answer YES to questions 1, 2, or 3, you may not be eligible to participate in the SBT.*

1. Are you BQA certified? Yes No

2. Are you a member of the West Virginia Cattlemen's Association? Yes No

3. Are you enrolled in your breed association performance records program? Yes No

4. Did you collect ultrasound data on your yearling heifers in 2021? Yes No

a. If YES, how many heifers did you ultrasound? _____

5. Did you participate in the WVFPPI or an equivalent program in 2019 or 2020? Yes No

a. If YES, how many cattle (both sexes) did you collect feedlot and carcass data on? _____

6. Please indicate below the breed(s) of bulls you are nominating, the number of bulls per breed, and the number of cows of that breed you calved in 2021. You must enroll at least three (3) bulls perbreed.

	Breed	Number of Bulls Nominated	Number of Cows Calved
1.	_____	_____	_____
2.	_____	_____	_____

Submit enrollment forms to (must be postmarked by the enrollment deadline—September 10, 2021):

Kevin Shaffer
890 Tacy-Sunshine Ridge Rd
Philippi, WV 26416

In nominating bulls for the Southern Bull Test, I verify that I have read and understand the rules and regulations for participating in the program and agree to abide by those rules, regulations, and methods. Furthermore, I understand that participation in the program is voluntary and that the sponsors of this program and their employees are not liable for the loss of any bull, property damage, or personal injury that might occur.

Signature of Cooperator: _____ Date: _____

Bull Nomination Form

Southern Bull Test

Cooperator Name: _____

NOTE: To be eligible for the SBT, bulls must be weaned in a contemporary group of at least five (5) head (both sexes). Please verify that all nominated bulls meet this requirement.

Station Tag (Leave Blank)	Tag	Tattoo	Date Calved	Contemporary Group ¹	HPS ²	ET ³ (Y/N)	Creep (Y/N)	Sire Registration Number	Sire BW EPD Acc.

¹ If consigning bulls from more than one weaning contemporary group, please indicate the different groups as "A", "B", "C", etc. You must consign at least three (3) bulls per group.

² Horned, Polled, or Scurred.

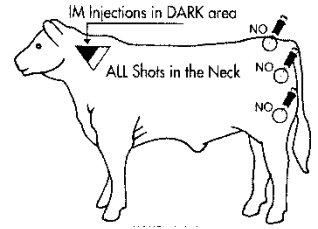
³ Calf produced via Embryo Transfer.



Certificate of Vaccination

Southern Bull Test

This certificate must accompany bulls to the evaluation center.



Herd Owner: _____

Address: _____

Phone: _____ Email: _____

NOTE: *The following required vaccinations must be administered under BQA guidelines as outlined in the WV Quality Assurance Comprehensive Herd Health Program.*

Vaccination	Date Administered	Product Used	Lot or Serial #
IBR, BVD, PI3, BRSV, Lepto 5 (MLV only—Vibrio optional)	Pre-weaning:		
	Weaning:		
7/8-Way Clostridial	Pre-weaning:		
	Weaning:		
Pasteurella	Pre-weaning:		
	Weaning:		
Parasite Control (Internal and External)	Pre-Weaning:		

In accordance with the WV Quality Assurance Comprehensive Herd Health Program and program rules, I have...

- A) administered the appropriate annual vaccinations to cows prior to breeding. Yes No
- B) administered the appropriate spring vaccinations to calves. Yes No

Many herd health programs are compromised by mishandling of vaccines. To maximize vaccine efficacy, do the following:

- *Avoid exposing vaccines to sunlight.*
- *Do not use the same syringe for different vaccines.*
- *Do not use alcohol to clean needles/syringes.*
- *Avoid hot days—Do not vaccinate when air temperature exceeds 86° F.*

I hereby certify that all bulls enrolled under my ownership have been administered the required vaccinations according to BQA guidelines on the date(s) indicated above.

Signature of Owner: _____ Date: _____

SBT Enrollment Checklist

Due by September 10, 2021

- Cooperator Enrollment Form
- Bull Nomination Form
- Individual Performance Record (See Rules and Regulations—Appendix II)
- Dams Performance Record (See Rules and Regulations—Appendix II)

Submit to: Kevin Shaffer
890 Tacy-Sunshine Ridge Rd
Philippi, WV 26416

NOTE: *Eligible cooperators will be notified of the number of bulls accepted as soon as possible after the nomination deadline. You must fill out forms completely to be eligible.*

Due at Delivery

- Certificate of Vaccination
- Sire Parentage Verification Report
- Negative Genetic Defect Report (Potential carriers only)
- Certification of Veterinary Inspection (Non-resident consignor only)
- \$450 per bull
- Original Registration Certificate (Signed for Transfer)
- Liability Waiver/Hold Harmless Agreement