



# Wye Angus Newsletter

Wye Research and Education Center

Winter 2022

**Mark your calendar for Saturday, April 2, 2022 for the 44<sup>th</sup> Annual Wye Angus Sale, 12 PM EST.** We are excited to announce as of right now we plan to welcome the public back to the farm to enjoy our annual sale.

We anticipate selling 7 cow/calf pairs, 6 to 8 sexed pregnant recipients, and 25 to 30 yearling bulls. Visit our website for sale information and updates at [www.go.umd.edu/wyeangus](http://www.go.umd.edu/wyeangus).

The cow/calf pairs include two daughters of Alap of Wye UMF 8329, two daughters of Leodore of Wye UMF 10536, one daughter of Quintes of Wye UMF 10502, Pellin of Wye UMF 10550 and Cael of Wye UMF 9933.

The embryos will have the possibility of two different pedigrees. We bred Lander of Wye UMF 10387 to Lottie of Wye UMF 9634. Lander is a Churchill of Wye son out of an Alap of Wye UMF 8329 daughter. 9634 is a Barnabas of Wye UMF 9281 daughter out of a Cedric of Wye UMF 8998 daughter. 9634 has produced eight herd sires of which we have used five. The five sons we have used include Lajos of Wye UMF 9939, Lodi of Wye UMF 10318, Leelo of Wye 10689, Lanzi of Wye UMF 11159 and Levey of Wye UMF 11329.

The second possibility would be Carty of Wye UMF 6952 bred to Blackbird of Wye UMF 9787. Carty is a Bear of Wye UMF 6324 son out of a Fargo of Wye UMF 5813. 9787 is a pathfinder daughter of Briar of Wye UMF 9024 out of an Aver of Wye UMF

8202 daughter. The final data on the cows and embryos will be included in our 2022 sale catalog.

## Bulls

We currently have 34 bulls on test. Their 112-day data is included in this newsletter. The 17 bulls in Barn 2 are averaging 3.5 pounds of gain per day thru 112 days and the 17 bulls in Barn 3 are averaging 3.8 pounds per day.

Our heaviest calf Burket of Wye UMF 11590 weighs 1165 pounds with a 32.5 cm scrotal and an impressive 4.9 ADG thru 112 days. The second best performer so far is Barden of Wye UMF 11563 who weighs 1065 pounds with a 31.5 cm scrotal. These two full brothers are sired by Claymont of Wye UMF 10834 out of a Balgain of Wye UMF 10405 daughter.

The complete 140-day test results as well as the carcass ultrasound data will be included in the 2022 sale catalog, which you should receive in the mail the first week of March or visit our website [www.go.umd.edu/wyeangus](http://www.go.umd.edu/wyeangus) to view our online catalog.

## Research

The following paragraph was provided by Dr. Zhengguo Xiao, University of Maryland, Animal Science Department. This gives a summary of his ongoing research project at Wye Angus.

"Cattle industry suffers billions of dollar's losses annually due to infections, and many of the commercially available vaccines are not fully effective. Vaccination can educate and train the immune

system to establish immunity to protect animals from infections. To design effective vaccines, we need to understand how the bovine immune system works by examining changes in immune parameters in cattle and in culture. However, these studies are facing special challenges, and one of the biggest hurdles is the significant variation among individual cattle in herds. The Wye Angus herd has been closed since 1959, and the similar genetic background is ideal for experiments in bovine immunology. In the last five years, with easy accessibility to the Wye Angus herd, Xiao lab has been able to generate large amounts of high-quality data, leading to more than five publications, multiple grants from federal and private foundations, and several seed grants funded by the University of Maryland. Xiao lab is looking forward to continuing collaboration with the Wye Angus farm to make further contributions to the field of bovine immunology."

## Additional Information

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**2021 Bull 112-Day Report - Barn 2**

**01/10/22**

Tattoo	Birth Data				Weaning Data			On Test	112-Day				Test
	Birth Date	Wt	Reg#	Dam	Wt	Ht	Scr	Wt	Wt	Ht	Scr	ADG	ADG
<b>Lundell of Wye (4618)</b>													
1567	02/01/21	70	20138204	10919	482	43.75	21.5	502	872	47.75	30.0	3.1	3.3
1577	02/04/21	80	20138207	11242	550	42.25	20.5	558	954	48.75	30.0	3.6	3.5
1579	02/04/21	70	20138208	11066	500	43.00	18.0	516	906	47.25	28.5	3.1	3.5
<b>Avg on 3</b>		<b>73</b>			<b>511</b>	<b>43.00</b>	<b>20.0</b>	<b>525</b>	<b>911</b>	<b>47.92</b>	<b>29.5</b>	<b>3.3</b>	<b>3.4</b>
<b>Larkin of Wye UMF 6011</b>													
1589	02/08/21	82	20138213	11034	510	41.50	20.5	538	962	45.75	32.0	4.6	3.8
<b>Carmean of Wye UMF 6481</b>													
1570	02/02/21	74	20138205	10121	558	42.25	22.0	580	984	48.25	34.0	3.9	3.6
<b>Liskey of Wye UMF 6529</b>													
1546	01/24/21	58	20138200	11322	420	40.75	20.0	444	802	46.00	29.0	3.4	3.2
<b>Felton of Wye UMF 6596</b>													
1543	01/24/21	68	20138199	11328	484	42.00	20.0	518	798	46.50	30.0	2.4	2.5
1615	02/18/21	72	20138221	11381	454	40.50	20.0	480	876	48.00	29.0	3.6	3.5
<b>Avg on 2</b>		<b>70</b>			<b>469</b>	<b>41.25</b>	<b>20.0</b>	<b>499</b>	<b>837</b>	<b>47.25</b>	<b>29.5</b>	<b>3.0</b>	<b>3.0</b>
<b>Larkspur of Wye UMF 10530</b>													
1625	02/22/21	78	20138223	11046	532	42.00	20.5	550	926	46.50	28.0	3.2	3.4
<b>Carpus of Wye UMF 10684</b>													
1638	02/26/21	76	20138225	9626	520	42.75	20.0	534	948	47.25	32.0	3.6	3.7
<b>Claws of Wye UMF 10825</b>													
1614	02/17/21	76	20138220	10741	516	40.75	18.5	534	952	47.50	30.5	3.6	3.7
1642	02/28/21	76	20138227	10032	516	41.00	19.0	520	920	47.50	31.0	2.2	3.6
1644	02/28/21	78	20138228	10916	494	41.50	19.0	500	882	46.25	29.0	3.9	3.4
1652	03/09/21	78	20138230	10569	480	40.50	17.0	484	920	46.00	31.5	4.8	3.9
1662	03/25/21	80	20138232	10983	460	40.25	18.0	468	842	46.75	35.0	3.6	3.3
<b>Avg on 5</b>		<b>78</b>			<b>493</b>	<b>40.80</b>	<b>18.3</b>	<b>501</b>	<b>903</b>	<b>46.80</b>	<b>31.4</b>	<b>3.6</b>	<b>3.6</b>
<b>Bringham of Wye UMF 11339</b>													
1640	02/28/21	78	20138226	11157	500	43.00	21.0	508	916	48.25	31.5	3.7	3.6
1655	03/22/21	74	20138231	11289	482	39.75	20.0	510	900	47.25	32.0	3.1	3.5
<b>Avg on 2</b>		<b>76</b>			<b>491</b>	<b>41.38</b>	<b>20.5</b>	<b>509</b>	<b>908</b>	<b>47.75</b>	<b>31.8</b>	<b>3.4</b>	<b>3.6</b>
<b>Average on 17</b>		<b>75</b>			<b>498</b>	<b>41.62</b>	<b>19.7</b>	<b>514</b>	<b>904</b>	<b>47.15</b>	<b>30.8</b>	<b>3.5</b>	<b>3.5</b>

**2021 Bull 112-Day Report - Barn 3**  
**01/10/22**

Tattoo	Birth Data				Weaning Data			On Test	112-Day				Test
	Birth Date	Wt	Reg #	Dam	Wt	Ht	Scr	Wt	Wt	Ht	SCR	ADG	ADG
<b>Bancel of Wye UMF 9003</b>													
1566	02/01/21	80	20138203	10950	584	44.00	23.0	618	1045	47.00	35.5	4.3	3.8
1575	02/02/21	76	20138206	11156	500	42.25	20.5	530	936	46.00	30.0	4.0	3.6
1584	02/05/21	76	20138210	10975	546	42.00	23.0	580	964	47.25	32.5	2.8	3.4
1595	02/08/21	80	20138216	10561	588	43.50	21.5	610	1030	47.00	33.0	4.4	3.8
1599	02/09/21	80	20138217	10988	582	40.00	18.0	610	970	46.00	28.0	2.5	3.2
<b>Avg on 5</b>		<b>78</b>			<b>560</b>	<b>42.35</b>	<b>21.2</b>	<b>590</b>	<b>989</b>	<b>46.65</b>	<b>31.8</b>	<b>3.6</b>	<b>3.6</b>
<b>Balgain of Wye UMF 10405</b>													
1586	02/08/21	78	20138211	9787	580	44.00	22.5	594	1050	48.00	30.5	3.7	4.1
1591	02/08/21	74	20138215	9787	562	43.75	22.5	596	1015	48.25	30.0	4.0	3.7
1601	02/09/21	82	20138218	9787	562	41.00	21.0	590	1030	48.00	33.0	3.9	3.9
1627	02/22/21	70	20138224	10755	528	43.00	19.5	528	950	47.00	32.0	3.9	3.8
<b>Avg on 4</b>		<b>76</b>			<b>558</b>	<b>42.94</b>	<b>21.4</b>	<b>577</b>	<b>1011</b>	<b>47.81</b>	<b>31.4</b>	<b>3.9</b>	<b>3.9</b>
<b>Claymont of Wye UMF 10834</b>													
1562	01/31/21	76	20138201	11190	524	43.25	19.5	562	968	47.75	32.0	3.3	3.6
1563	02/01/21	76	20138202	11087	626	44.00	21.5	640	1065	49.00	31.5	3.0	3.8
1581	02/05/21	76	20138209	11087	516	43.75	19.0	522	958	48.25	29.5	3.2	3.9
1588	02/08/21	76	20138212	11087	550	44.00	18.5	576	962	48.00	29.0	3.6	3.4
1590	02/08/21	82	20138214	11087	586	45.75	21.0	620	1165	49.75	32.5	4.6	4.9
<b>Avg on 5</b>		<b>77</b>			<b>560</b>	<b>44.15</b>	<b>19.9</b>	<b>584</b>	<b>1024</b>	<b>48.55</b>	<b>30.9</b>	<b>3.6</b>	<b>3.9</b>
<b>Central of Wye UMF 11035</b>													
1612	02/17/21	76	20138219	10578	506	42.75	24.0	526	966	46.00	34.0	3.9	3.9
1617	02/21/21	80	20138222	10761	584	45.00	18.5	586	994	49.00	31.5	3.3	3.6
1649	03/04/21	80	20138229	10864	500	43.50	21.0	500	930	47.50	31.0	3.4	3.8
<b>Avg on 3</b>		<b>79</b>			<b>530</b>	<b>43.75</b>	<b>21.2</b>	<b>537</b>	<b>963</b>	<b>47.50</b>	<b>32.2</b>	<b>3.5</b>	<b>3.8</b>
<b>Average on 17</b>		<b>78</b>			<b>554</b>	<b>43.26</b>	<b>20.9</b>	<b>576</b>	<b>1000</b>	<b>47.63</b>	<b>31.5</b>	<b>3.6</b>	<b>3.8</b>