

2018 State FFA Livestock Judging Contest

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|--|-------------------------------|
| 1: Feedlot Steers | 5: Performance Hampshire Ewes |
| 2: Performance Maine Anjou Heifers (Reasons) | 6. Boer Does |
| 3: Market Hogs 1 (Reasons) | 7. Keep/Cull Breeding Gilts |
| 4: Market Hogs 2 | |

Class 2: Performance Maine Anjou Heifers (Reasons)

Scenario: This set of March born heifers are to be retained in a purebred operation in western Wisconsin where they will be mated to Angus Sires. The primary objective is to provide Maine-Angus genetics to customers who purchase replacement heifers or those who want to incorporate Maine-Angus bulls into their rotational breeding programs. Your labor is adequate but you want to continue to generate moderate, functional, low maintenance cattle for both you and your customers.

Expected Progeny Differences

NO.	CE	BW	WW	YW	MK	Marb	REA.
1	10	0.5	46	63	22	+0.14	.37
2	12	0.0	38	49	25	+0.16	.11
3	9	1.4	48	65	17	+0.09	.43
4	14	-1.0	22	35	15	-0.04	.20

Breed Averages

7.0 1.1 44 59 17 +0.06 +.37

Class 4: Performance Hampshire Ewes

Scenario: Rank these ewes as potential donors for an elite club lamb operation in southwest MN. These ewes will be artificially inseminated with the goal to raise competitive show lambs for major stock shows. Elite male progeny will be left in tack for prospective stud ram buyers and seedstock producers. All ewes are operated on a dry lot system with ample feed supplementation.

EBV's

No.	Born/ Reared	BWt	WWt	PWWt	PFat	PEMD	Carcass		LAMB		Codon 171
							Plus	2020	NLW%	NLB%	
1	Tw/Tw	0.25	1.02	2.3	-0.16	1.2	121	104	3	2.9	RR
2	S/S	0.29	2.2	2.5	0.12	3	128	106	2.3	1.2	RR
3	Tw/Tw	0.12	1.34	2.04	0.05	2.7	129	105	2.1	1.1	RR
4	TR/tw	-1.24	0.74	1.45	-0.11	1.1	122	105	2.8	2.9	RR

EBV= Estimated Breeding Value; BWt = Birth Weight; WWt = Weaning Weight;
 PWWt = Post weaning Weight; PFat = Post Weaning Fat Depth; PEMD = Post Weaning
 Loin Eye Muscle Depth; Carcass Plus = Economic Carcass Index; LAMB2020 = All
 Purpose Economic Index; NLW% = Number Lambs Weaned; NLB% = Number Lambs
 Born; Weights are by kg. Depths are by mm.

*****KEEP /CULL DATA ON BACK OF SHEET*****

CLASS 7: KEEP/CULL Breeding Gilts

Select four of these gilts as they could best be used as replacements in a show pig operation. The operation profits primarily from the production of club pigs that are sold to 4-H and FFA members. Those not sold will be finished on site and sold on a lean system. These gilts will be housed in a total confinement facility.

ID	Backfat at 250	Days to 250	Loin Eye Area 250	SPI
1	0.65	175	6.9	99
2	0.67	168	7.2	101
3	0.68	163	8.5	102
4	0.62	163	9.4	102
5	0.72	159	8.4	103
6	0.68	163	8.2	104
7	0.65	162	8.1	104
8	0.60	173	6.8	102

2018 FFA STATE TEAM ACTIVITY : Please refer to the table below from the Targhee Sire Summary to Answer Questions. Answer each question with A, B, C or D.

ID Flock	Prg:Flks	MBWt kg	MWWt kg	WWt kg	PWWt kg	YWT kg	YFat mm	YEMD mm	YFD mc	YGFV %	YSL mm	NLB %	USRnge	Sire Dam
A 610050-2015-15R083 Montana Sheep Company	11:1	-0.20 61%	0.69 60%	1.49 75.0	3.10 72%	5.77 76%	0.00 0%	0.1 73%	0.9 80%	17.0 78%	2.2 79%	37.4 52%	115.8	610016201212S088 610050201111R117
B 610016-2012-12S088 Sieben Live Stock Company	407:5	-0.68 85%	0.56 86%	1.51 95.0	2.89 94%	4.55 96%	0.00 0%	0.5 93%	0.1 93%	23.3 96%	6.1 97%	31.6 77%	115.6	610016201010S229 610016200808S159
C 610040-2015-YE056G Green Ranch	52:1	0.13 58%	2.17 51%	2.13 85.0	4.70 79%	8.20 77%	0.00 0%	-1.6 72%	-1.0 79%	19.8 74%	5.3 68%	27.3 46%	114.3	610040201212YE029G 6100402009WT992G
D 610040-2015-YE053G Green Ranch	40:1	0.35 59%	2.31 53%	0.99 84.0	1.59 77%	0.29 76%	0.00 0%	-0.1 70%	-1.1 78%	3.2 73%	2.5 65%	27.4 46%	114.1	610040201112YE044G 6100402012OR056G

- Which Ram's daughters are expected to wean the heaviest lambs?
- Which Ram's daughters would you expect to lamb the smallest litters?
- All of these Rams are sired by the same Sire? a. True b. False
- Which of these Ram's will sire the fastest growing offspring to typical market weights?
- Which of these Ram's would be best used in flocks that receive premiums for long-staple fleeces or have experienced discounts for fleeces with excessively short staples?
- Which of these Ram's would generate the most income when used in an extensively managed western range flock with positive emphasis on both lamb and wool production.
- Which of these Ram's has the least offspring?
- Are all Ram's from the same breeder? a. True b. False
- Which Ram should sire progeny with heaviest shearing raw fleece?
- Which Ram would you expect to sire offspring with the largest Ribeye's at typical market weight?
- Which Ram's daughters would best decrease the birth weights of their lambs and reduce birthing difficulties?
- A producer is looking to increase his genetic potential for prolificacy which ram is the most ideal?
- Which Ram should have the lightest lambs at weaning if similarly mated?
- Which Ram should sire the lightest progeny at one year of age?
- Which Ram is the most proven in his genetics?
- Which Ram's progeny will be the lightest at 120 days of age?
- Which of these Rams has the OLDEST registered DAM?
- Which Ram will sire progeny with the finest fleeces?
- All Rams would be considered "HIGH ACCURACY" sires? a. True B. False
- Which Ram will sire progeny with the poorest fleece yield?

KEY

2018 FFA State TEAM ACTIVITY : Please refer to the table below from the Targhee Sire Summary to Answer Questions. Answer each question with A, B, C or D.

ID Flock	Prg:Fkls	MBWt kg	MWWt kg	WWt kg	PWWt kg	YWt kg	YFat mm	YEMD mm	YFD mc	YGFW %	YSL mm	NLB %	USRnge	Sire Dam
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- Which Ram's daughters are expected to wean the heaviest lambs? **D**
- Which Ram's daughters would you expect to lamb the smallest litters? **C**
- All of these Rams are sired by the same Sire? a. True b. False **B**
- Which of these Ram's will sire the fastest growing offspring to typical market weights? **C**
- Which of these Ram's would be best used in flocks that receive premiums for long-staple fleeces or have experienced discounts for fleeces with excessively short staples? **B**
- Which of these Ram's would generate the most income when used in an extensively managed western range flock with positive emphasis on both lamb and wool production. **A**
- Which of these Ram's has the least offspring? **A**
- Are all Ram's from the same breeder? a. True b. False **B**
- Which Ram should sire progeny with heaviest shearing raw fleece? **B**
- Which Ram would you expect to sire offspring with the largest Ribeye's at typical market weight? **B**
- Which Ram's daughters would best decrease the birth weights of their lambs and reduce birthing difficulties? **B**
- A producer is looking to increase his genetic potential for prolificacy which ram is the most ideal? **A**
- Which Ram should have the lightest lambs at weaning if similarly mated? **D**
- Which Ram should sire the lightest progeny at one year of age? **D**
- Which Ram is the most proven in his genetics? **B**
- Which Ram's progeny will be the lightest at 120 days of age? **D**
- Which of these Rams has the OLDEST registered DAM? **B**
- Which Ram will sire progeny with the finest fleeces? **D**
- All Rams would be considered "HIGH ACCURACY" sires? a. True B. False **B**
- Which Ram will sire progeny with the poorest fleece yield? **D**

KEY