



University of Florida Ram Test Sale Catalog

The UF Ram Test & Sale are conducted in partnership between the UF/IFAS Department of Animal Sciences and the UF College of Veterinary Medicine.

Online Sale Information:
Willoughby Livestock Sales
Opening Sept. 29 at 11 AM
Closing Sept. 30 at 11 AM

Ram Viewing Available:
Sept 29 - 30
UF Horse Teaching Unit
1934 SW 63rd Ave.
Gainesville, FL 32608

Ram Sale Contact:
Clay Whitehead
jacobcwhitehead@ufl.edu
(904) 796-0441



For full program details visit our website: <https://animal.ifas.ufl.edu/smallruminant/ramtest/>



**AGRONOMY
DEPARTMENT**



University of Florida Ram Test & Sale

Rams arrived at the UF Sheep Unit (2108 Shealy Drive) on Saturday morning June 3rd, 2023. A 12-day acclimation period was used to adapt rams to their new environment and ration, mitigate the effect of shrink on calculated growth performance, and assess incoming parasite load with the goal being to reduce parasite levels.

Following the acclimation period, rams began an 84-day gain test. During the test, rams were housed on Bahiagrass pastures and supplemented with 'UF Ram Test' concentrate in their respective contemporary groups with a target consumption of 2% body weight. Data was collected to determine body weight, body condition score, fecal egg count, and FAMACHA score on 14-day intervals throughout the test. These data were used as an indicator of the ram's ability to cope with parasites and grow during the hot and humid Florida summer.

At the end of the trial, rams were ranked based upon their growth performance and resistance to parasites.

The top performing rams are being offered though an online auction hosted by Willoughby Sales closing September 30th @11am EST.

Notes on Interpretation of the Catalog Data

ADG - Average Daily Gain expressed in pounds per day over the 84-day test period. ADG is a measure of the ram's ability to grow post-weaning. ADG is calculated by dividing the total pounds gained during the test period by the number of days in the test period.

ADG Ratio - Ratio of an individual ram's ADG as a percentage of the average for the entire test group. For example, a ratio of 100 would be the average for the group. A ratio of 110 would be 10% above the average for the group, and a ratio of 90 would 10% below the average for the group.

WDA - Weight-Per-Day-of-Age expressed in pounds per day measured at the conclusion of the 84-day test period. WDA is a measure of the ram's growth since birth. WDA is calculated by dividing the final weight at the end the test period by the ram's number of days of age.

WDA Ratio - Ratio of an individual ram's WDA a percentage of the average WDA for the entire test group. A ratio of 100 would be the average for the entire group. A ratio of 110 would be 10% above the average for the group, and a ratio of 90 would be 10% below the average for the group.

Growth Index - The Growth Index is a combination of ADG Ratio and WDA Ratio. It gives credit to the individual for both pre-weaning and post-weaning growth. Each ratio is weighted equally. The formula for calculating Growth Index is $(\text{ADG Ratio} + \text{WDA Ratio}) / 2$, which will give you the average of the two ratios. Rams with a Growth Index below 90 did not qualify for the sale.

Mean FEC - Average of seven actual fecal egg counts taken on two-week intervals during the 84-day test period.

FEC Ratio - Ratio of an individual ram's average FEC as a percentage of the average FEC for the entire test group. FEC Ratio is calculated by dividing the average FEC for the group by the average FEC for a specific individual. A ratio of 100 would be average for the group. A ratio of 110 would be 10% above the average for the group, and a ratio of 90 would be 10% below the average for the group. Some of these rams have exceptionally high FEC Ratios. Rams with FEC Ratios below 90 did not qualify for the sale.

SC - Actual scrotal circumference at the time of breeding soundness exam. Measured in centimeters.

Codon 171 - Genotype associated with genetic resistance to scrapie. Presence of at least one R is associated with scrapie resistance.

CW - Actual weight at the conclusion of the 84-day test period on August 18, 2022. Measured in pounds.

Birth Type - S = single, TW = twin, TR = triplet, QD = quadruplet

LMA - Longissimus Muscle Area. The measure of the total area of the loin or ribeye (longissimus dorsi muscle) between the 12th and 13th rib in cm².

BF - Backfat Thickness. External fat thickness (back fat) is quantified at the 12-13th rib and measured directly over the ribeye muscle in centimeters.

LED - Loin Eye Depth. The depth of the eye muscle or loins is measured between the 12th and 13th ribs in centimeters.

2023 UF Ram Test & Sale Health Guidance Memorandum

Rams participating in the UF Ram Test & Sale received an Ultra-Choice 7 (Clostridial) and Soremouth vaccine upon entry to the test. The rams received their last vaccination on June 15, 2023. **These products have a 21-day slaughter withdrawal period.**

All rams went through a weekly zinc sulfate foot bath while at the UF facility for the test. **There is no slaughter withdrawal period for this product.**

All rams received deworming at arrival to the UF facility on June 3, 2023 with Levamisole, Fenbendazole, and Cydectin. Based upon fecal egg count (FEC) throughout the test period, individual rams were dewormed again with these same three products on an individual as needed basis. **These products have a 3-day (Levamisole), 28-day (Fenbendazole), and 7-day (Cydectin) slaughter withdrawal period.**

Some rams may have had to receive various treatments from the veterinary staff due to illness during the test period. The individual consignor was notified in these instances. Overall the health of all rams was very good this year! However, rams that are being purchased could have been treated during the test period and slaughter withdrawal periods may still be in place. The consignor should relay this information to the purchaser, however, in the case that this information is not passed along – the purchaser may assume a potential slaughter withdrawal period exists. The veterinary staff advises a **60-day slaughter withdrawal period** due to that being the longest slaughter withdrawal period of any of the products administered to ill rams this test period. All rams being sold at the sale were deemed healthy by the veterinary staff at the time of the sale.

The veterinary staff advises all rams being quarantined upon arrival to their respective farms, whether this be returning to their previous farm or a new farm. Any time an animal is moved to and from an off-site location from the established home farm, there is a risk of the animal becoming ill due to various stressors compromising the immune system. Additionally, the animal always has the potential to be a carrier of a condition that is foreign to your existing herd. **Therefore, to avoid commonly transmitted diseases we advise a 30-day quarantine period for your newly purchased or returning ram(s) to the farm.**

If you have any questions, please reach out to
Dr. Brittany Diehl at bn.diehl@ufl.edu.

UF 2023 Ram Test & Sale Terms and Conditions

Bidding will take place online at Willoughby Sales. The sale can be found by visiting wlivestock.com/auction/22085. IF you have any questions regarding the bidding process or how to use the online format please reach out to Becky Drlik (317)809-1282 or Clay Whitehead (904)796-0441.

The animals will be located at the University of Florida Horse teaching Unit, 1934 SW 63rd Ave, Gainesville, FL 32608 and will be available for viewing Friday September 29th after pm and Saturday September 30th until closing of the sale. These time frame will run in conjunction with the Small Ruminant Short Course Events.

All data and information in this catalog are presented as true to the best of our knowledge. Any changes to the catalog as printed will be provided on a supplemental sheet.

Rams must be paid for at the conclusion of the sale. Accepted forms of payment are credit card or electronic check. Please contact Becky Drlik, becky@wlivestock.com with any questions regarding payments. Payments must occur Immediately following the sale prior to releasing purchased livestock. Becky Drlik will be available via telephone (317)809-1282, following the sale to process all electronic checks or will charge your credit card on file.

The buyer is responsible for all shipping arrangements. Rams must be picked up from the University of Florida Horse Teaching Unit on the day of the sale unless prior arrangements have been made.

All rams have passed a breeding soundness exam within the past 30 days, unless stated otherwise.

University of Florida Veterinarians will be on site to issue health papers for out of state shipment.

LOT 1 - OAV 2221



Consigner:

Oakvale Farm - Samantha Musho, DVM - DeLeon Springs, FL

Breed: Katahdin - 87.50%

DOB: 12/13/22

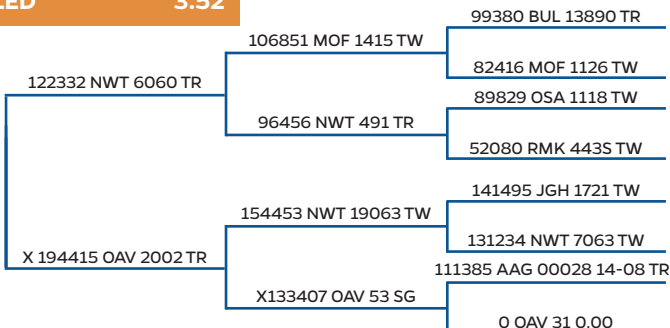
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PERFORMANCE

ADG	0.20
WDA	0.53
Growth Index	93.34
Mean FEC	21
FEC Ratio	3339
SC	35.0
Codon 171	RR
Birth Type	TW
ADJ LMA	15.64
ADJ BF	0.49
Raw LED	3.52

BULLETS

- Highest indexing ram
- Lowest Mean FEC of all ram test animals
- Showed exceptional performance during test period
- Can be upgraded to Purebred Katahdin pending hair coat evaluation as a yearling



LOT 2 - OAV 2238



Consigner:

Oakvale Farm - Samantha Musho, DVM - DeLeon Springs, FL

Breed: Katahdin - 87.50%

DOB: 01/22/23

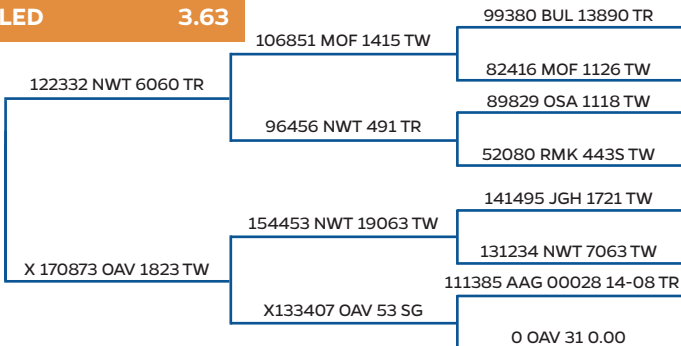
CW: 141

PERFORMANCE

ADG	0.21
WDA	0.62
Growth Index	105.5
Mean FEC	136
FEC Ratio	515.6
SC	34.0
Codon 171	QR
Birth Type	S
ADJ LMA	16.66
ADJ BF	0.47
Raw LED	3.63

BULLETS

- 2nd Highest indexing ram
- Tied for highest WDA at .62lb per day
- Scanned the largest LEA of all ram test animals
- Can be upgraded to Purebred Katahdin pending hair coat evaluation as a yearling



LOT 3 - OAV 2228



Consigner:

Oakvale Farm - Samantha Musho, DVM - DeLeon Springs, FL

Breed: Katahdin - 87.50%

DOB: 12/21/22

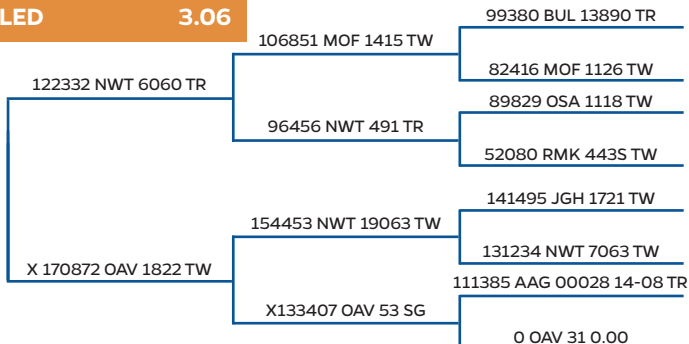
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PERFORMANCE

ADG	0.25
WDA	0.58
Growth Index	107.4
Mean FEC	214
FEC Ratio	327.7
SC	36.5
Codon 171	RR
Birth Type	TR
ADJ LMA	11.77
ADJ BF	0.37
Raw LED	3.06

BULLETS

- 4th Highest Indexing ram
- 4th lowest mean FEC at 214
- Can be upgraded to Purebred Katahdin pending hair coat evaluation as a yearling



LOT 4 - EBH 0102



Consigner:

EBH Plantation - Jon & Leslie Hall - Callahan, FL

Breed: Katahdin

DOB: 01/20/23

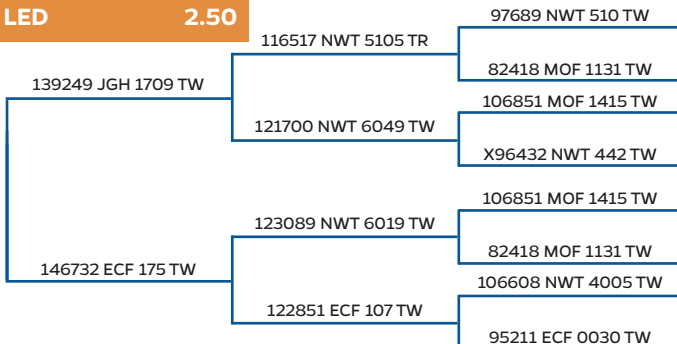
CW: 113

PERFORMANCE

ADG	0.26
WDA	0.49
Growth Index	99.22
Mean FEC	221
FEC Ratio	317.3
SC	33.0
Codon 171	RR
Birth Type	TW
ADJ LMA	8.22
ADJ BF	0.47
Raw LED	2.50

BULLETS

- **Excellent Parasite Resistance**
- **FEC Ratio of 317.3**



LOT 5 - NWT 23030



Consigner:

Hound River Farm - Milledge & Roxanne Newton - Hahira, GA

Breed: Katahdin

DOB: 01/15/23

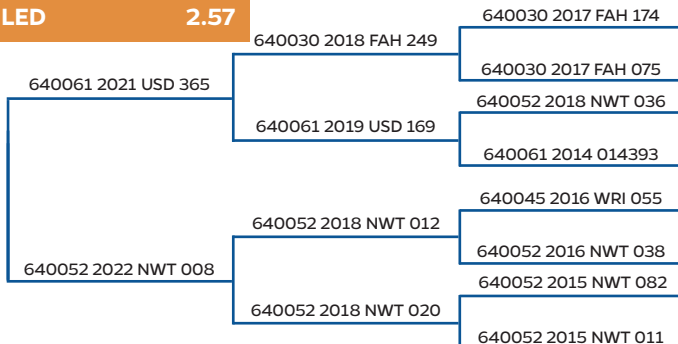
CW: 116

PERFORMANCE

ADG	0.35
WDA	0.49
Growth Index	115.6
Mean FEC	250
FEC Ratio	280.5
SC	34.5
Codon 171	RR
Birth Type	TW
ADJ LMA	9.37
ADJ BF	0.51
Raw LED	2.57

BULLETS

- **Top 25% for Parasite Resistance for Katahdin NSIP animals**
- **Well balanced ram both Phenotypically and Genotypically**



LOT 6 - FL 59203 P155



Consigner:

Hanako Farm - Kim & Dennis Negoro - Oviedo, FL

Breed: FL Native

DOB: 01/11/23

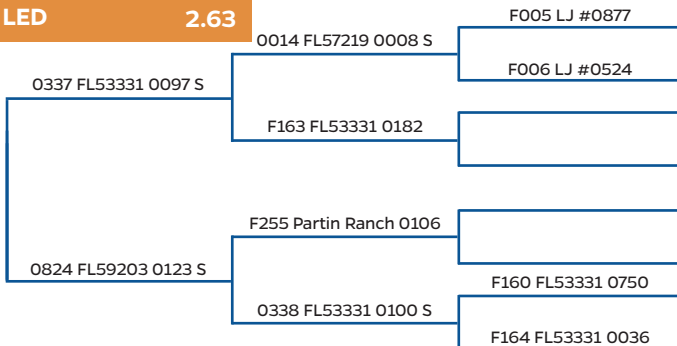
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PERFORMANCE

ADG	0.40
WDA	0.35
Growth Index	109.4
Mean FEC	257
FEC Ratio	272.9
SC	28.5
Codon 171	QQ
Birth Type	TW
ADJ LMA	9.63
ADJ BF	0.45
Raw LED	2.63

BULLETS

- Only Registered Florida Native in Sale
- FEC Ratio of 272.56
- Moderate in build



LOT 7 - NWT 23102



Consigner:

Hound River Farm - Milledge & Roxanne Newton - Hahira, GA

Breed: Katahdin

DOB: 02/09/23

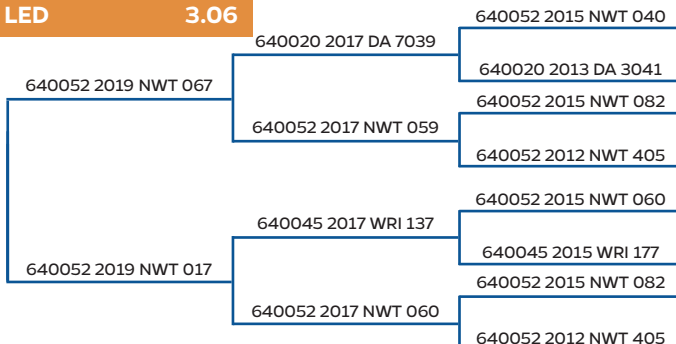
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PERFORMANCE

ADG	0.39
WDA	0.62
Growth Index	137.1
Mean FEC	343
FEC Ratio	204.4
SC	34.5
Codon 171	RR
Birth Type	TW
ADJ LMA	11.90
ADJ BF	0.46
Raw LED	3.06

BULLETS

- **Top 2% for Parasite for Katahdin NSIP animals**
- **Highest Growth Indexing Ram of all ram test animals**



LOT 8 - OAV 2245



Consigner:

Oakvale Farm - Samantha Musho, DVM - DeLeon Springs, FL

Breed: Katahdin

DOB: 01/29/23

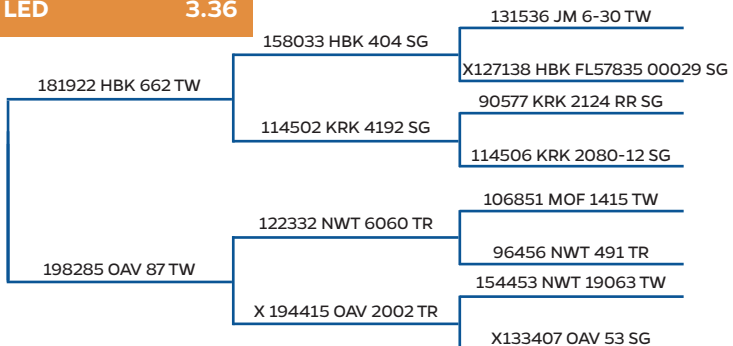
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PERFORMANCE

ADG	0.33
WDA	0.59
Growth Index	122.8
Mean FEC	393
FEC Ratio	178.4
SC	33.5
Codon 171	QR
Birth Type	S
ADJ LMA	15.02
ADJ BF	0.48
Raw LED	3.36

BULLETS

- 3rd Highest WDA for all ram test animals
- FEC Ratio of 178.43



LOT 9 - OAV 2248



Consigner:

Oakvale Farm - Samantha Musho, DVM - DeLeon Springs, FL

Breed: Katahdin

DOB: 01/20/23

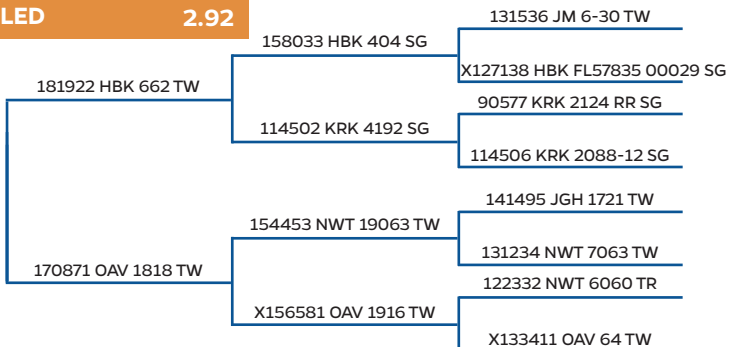
CW: 122

PERFORMANCE

ADG	0.30
WDA	0.53
Growth Index	112.0
Mean FEC	386
FEC Ratio	181.7
SC	33.5
Codon 171	QR
Birth Type	TW
ADJ LMA	9.87
ADJ BF	0.51
Raw LED	2.92

BULLETS

- Excellent parasite Resistance
- Well balanced ram



LOT 10 - FL 1B1592



Consigner:

Had the Raddish Farm - Derek & Brittany Kopera - Bronson, FL

Breed: Katahdin 87.50%

DOB: 02/12/23

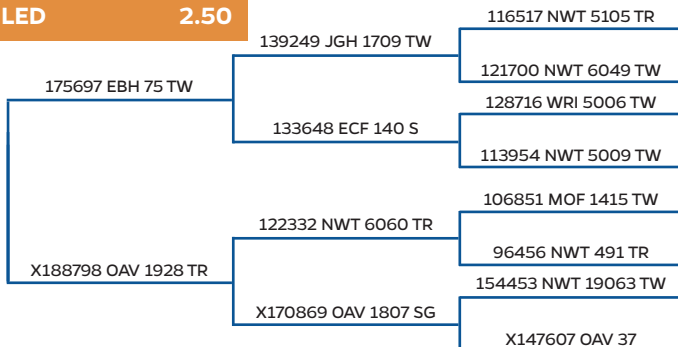
CW: 91

PERFORMANCE

ADG	0.42
WDA	0.44
Growth Index	123.7
Mean FEC	529
FEC Ratio	132.6
SC	34.0
Codon 171	RR
Birth Type	TW
ADJ LMA	8.33
ADJ BF	0.42
Raw LED	2.50

BULLETS

- 152.25 ADG Ratio
- 4th overall growth indexing ram
- Can be upgraded to Purebred Katahdin pending hair coat evaluation as a yearling



LOT 11 - BERN 322



Consigner:

Bernwood Farms - Matt Bernes - Canon, GA

Breed: Katahdin

DOB: 01/24/23

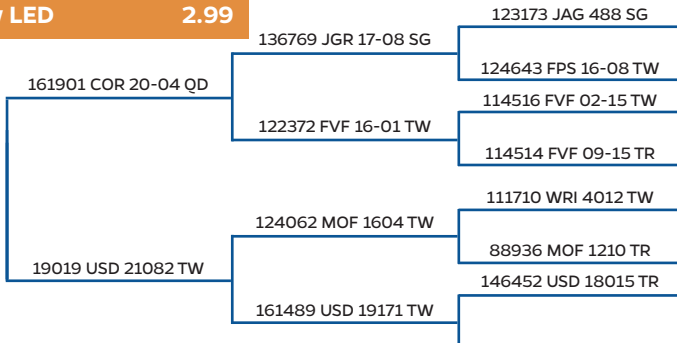
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PERFORMANCE

ADG	0.46
WDA	0.46
Growth Index	131.8
Mean FEC	650
FEC Ratio	107.9
SC	33.0
Codon 171	RR
Birth Type	TW
ADJ LMA	11.06
ADJ BF	0.56
Raw LED	2.99

BULLETS

- **2nd overall growth indexing ram**
- **Highest ADG during test**



LOT 12 - BERN 324



Consigner:

Bernwood Farms - Matt Bernes - Canon, GA

Breed: Katahdin

DOB: 01/28/23

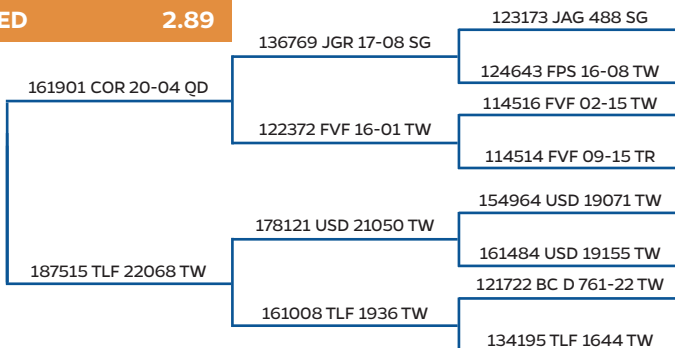
CW: 92.5

PERFORMANCE

ADG	0.40
WDA	0.42
Growth Index	117.96
Mean FEC	693
FEC Ratio	101.2
SC	34.0
Codon 171	RR
Birth Type	TW
ADJ LMA	10.31
ADJ BF	0.46
Raw LED	2.89

BULLETS

- Well balanced ram
- ADG Ratio of 145.82



LOT 13 - 23009



Consigner:

University of Florida - Gainesville, FL

Breed: FL Native - Commercial DOB: 01/07/23 CW: 105

PERFORMANCE

ADG	0.32
WDA	0.43
Growth Index	103.5
Mean FEC	193
FEC Ratio	363.3
SC	28.5
Codon 171	RR
Birth Type	S
ADJ LMA	9.57
ADJ BF	0.48
Raw LED	2.73

BULLETS

- Unregistered FL Native
- 3rd overall indexing ram, High indexing ram in the commercial division
- Well Balanced ram

LOT 14 - PINK 14



Consigner:

Gwen Sprouse and Noah Bracken - Trenton, FL

Breed: Katahdin - Commercial DOB: 01/20/23 CW: 89.5

PERFORMANCE

ADG	0.33
WDA	0.39
Growth Index	101.0
Mean FEC	236
FEC Ratio	297.1
SC	32.0
Codon 171	RR
Birth Type	S
ADJ LMA	10.85
ADJ BF	0.38
Raw LED	2.51

BULLETS

- Avg FEC of 236
- 2nd High indexing ram in the commercial division

LOT 15 - YELLOW 40



Consigner:

Gwen Sprouse and Noah Bracken - Trenton, FL

Breed: Katahdin - Commercial DOB: 01/04/23 CW: 124.5

PERFORMANCE

ADG	0.40
WDA	0.51
Growth Index	126.5
Mean FEC	450
FEC Ratio	155.8
SC	31.5
Codon 171	QR
Birth Type	S
ADJ LMA	13.57
ADJ BF	0.57
Raw LED	3.39

BULLETS

- ADG ratio of 143.67
- Well balanced ram

LOT 16 - FL 1B1581



Consigner:

Had the Raddish Farm - Derek & Brittany Kopera - Bronson, FL

Breed: Katahdin - Commercial DOB: 01/01/23 CW: 103

PERFORMANCE

ADG	0.43
WDA	0.41
Growth Index	123.0
Mean FEC	500
FEC Ratio	140.3
SC	28.0
Codon 171	RR
Birth Type	S
ADJ LMA	10.62
ADJ BF	0.54
Raw LED	2.55

BULLETS

- 156.54 ADG ratio
- FEC ratio of 140.25

LOT 17 - PINK 20



Consigner:

Gwen Sprouse and Noah Bracken - Trenton, FL

Breed: Katahdin - Commercial DOB: 01/27/23 CW: 103.5

PERFORMANCE

ADG	0.41
WDA	0.46
Growth Index	124.2
Mean FEC	671
FEC Ratio	104.5
SC	31.0
Codon 171	RR
Birth Type	S
ADJ LMA	10.35
ADJ BF	0.36
Raw LED	2.49

BULLETS

- Growth index of 124.16
- Well balanced ram

**2023 UF RAM TEST
SALE CONSIGNORS**

Oakvale Farm, DeLeon Springs, FL

Samantha Musho, DVM

(239) 565 - 7768

Bernwood Farms, Canon, GA

Matthew Bernes

(404) 376 - 8244

EBH Plantation, Callahan, FL

Jon & Leslie Hall

(904) 945 - 9535

Hanako Farm, Oviedo, FL

Kim & Dennis Negoro

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Hound River Farm, Hahira, GA

Milledge & Roxanne Newton

(229) 740 - 0017

Gwen Sprouse & Noah Bracken, Trenton, FL

Gwen Sprouse

(417) 967 - 6433

Had The Raddish, Bronson, FL

Derek & Brittany Kopera

(352) 634 - 2426

University of Florida, Gainesville, FL

Clay Whitehead

(904) 796 - 0441

Sale Lot	Ram ID	Breed	DOB	Birth Type	Codon 171	SC
1	OAV 2221	Katahdin 87.50%	12/13/2022	Twin	RR	35.0
2	OAV 2238	Katahdin 87.50%	1/22/2023	Single	QR	34.0
3	OAV 2228	Katahdin 87.50%	12/21/2022	Triplet	RR	36.5
4	EBH 0102	Katahdin	1/20/2023	Twin	RR	33.0
5	NWT 23030	Katahdin	1/15/2023	Twin	RR	34.5
6	FL59203 P155	FL Native	1/11/2023	Twin	QQ	28.5
7	NWT 23102	Katahdin	2/9/2023	Twin	RR	34.5
8	OAV 2245	Katahdin	1/29/2023	Single	QR	33.5
9	OAV 2248	Katahdin	1/20/2023	Twin	QR	33.5
10	FL1B1592	Katahdin 87.50%	2/12/2023	Twin	RR	34.0
11	BERN 322	Katahdin	1/24/2023	Twin	RR	33.0
12	BERN 324	Katahdin	1/28/2023	Twin	RR	34.0
13	23009	FL Native - Commercial	1/7/2023	Single	RR	28.5
14	Pink 14	Katahdin - Commercial	1/20/2023	Single	RR	32.0
15	Yellow 40	Katahdin - Commercial	1/4/2023	Single	QR	31.5
16	FL1B1581	Katahdin - Commercial	1/1/2023	Single	RR	28.0
17	Pink 20	Katahdin - Commercial	1/27/2023	Single	RR	31.0

End of Test Weight	ADG	ADG Ratio	WDA	WDA Ratio	Growth Index	Average FEC	FEC Ratio
141.0	0.20	72.91	0.53	113.77	93.34	21.0	3339.26
141.0	0.21	77.20	0.62	133.72	105.46	136.0	515.62
150.0	0.25	90.06	0.58	124.75	107.41	214.0	327.68
113.0	0.26	92.21	0.49	106.24	99.22	221.0	317.30
116.0	0.35	124.37	0.49	106.74	115.56	250.0	280.50
83.0	0.40	143.67	0.35	75.09	109.38	257.0	272.86
131.0	0.39	139.38	0.62	134.89	137.14	343.0	204.44
130.5	0.33	117.94	0.59	127.69	122.81	393.0	178.43
122.0	0.30	109.36	0.53	114.70	112.03	386.0	181.67
91.0	0.42	152.25	0.44	95.06	123.65	529.0	132.56
103.0	0.46	165.12	0.46	98.55	131.83	650.0	107.88
92.5	0.40	145.82	0.42	90.10	117.96	693.0	101.19
105	0.32	113.65	0.43	93.44	103.54	193.0	363.34
89.5	0.33	117.94	0.39	84.14	101.04	236.0	297.14
124.5	0.40	143.67	0.51	109.44	126.55	450.0	155.83
103.0	0.43	156.54	0.41	89.45	122.99	500.0	140.25
103.5	0.41	147.96	0.46	100.36	124.16	671.0	104.51

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