1st Annual
High-% Assaf Ram Sale

July 16th, 2020
12:00 noon, CST



Consignors:

Ms. and Co.™

MEADOWOOD FARMS

Endorsed by:

ASSAF ESPAÑA

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Auction Information

How to participate in the Auction

1. The online computer auction will be held on Thursday July 16, 2020 beginning at 12:00 noon Central Time. (1:00pm EST, 12:00 CST, 11:00am MST, 10:00am PST)

2. The auction will be conducted by Equity Cooperative Livestock Sales Association of Baraboo, WI (http://www.equitycoop.com/).

3. VERY IMPORTANT: All potential buyers must register for the auction in advance on-line. **Go to equitycoop.com. Under the "Marketing Info" menu, go down to "Online Auctions". Click on "Auction Login", but on the Auction Login page, click on the "Register" button. Please fill out the Equity Auction Registration completely.**

4. The auction is easy to access and to use for anyone with a computer or smart phone internet connection.

5. Once a potential buyer registers, he/she will be given further instructions in the use of the online auction.

6. A training session in the use of the online auction will be held on Monday, July 13th at 12:00 pm CST, noon. Registered buyers will be giving further instructions on how to participate in the training session.

7. Buyers who absolutely cannot, or do not wish to, access the auction through a computer or smart phone can be connected to the auction by phone or can send advance bids to Scott Anderson at Equity (608-356-8311 ext. 132, sanderson@equitycoop.com). Indicate your preferred method of connecting to the auction when contacting Scott.

8. Rams will be sold in lots containing 1 head, in the numerical order of the lot numbers. Lot numbers are listed on the ram list, page 5 of this catalog.

9. Bidding will be on a per-head basis.

10. Interested buyers from Canada: please contact Mariana Marques de Almeida (mariana@msjandco.com) to discuss the export/import requirements. Payment must be done in US dollars.

Sale conditions:

11. All rams will have a starting price of $800 US dollars.

12. Checks for purchased rams must be sent the day of the sale for your purchases to Equity Cooperative Livestock Sales at 401 Commerce Avenue, Baraboo Wisconsin, 53913. CHECKS SHOULD BE MADE OUT TO EQUITY COOPERATIVE LIVESTOCK SALES.

13. Buyers can pick up their rams at the consigning farms after payment has been made and starting Tuesday, July 21, 2020. ALL ANIMALS MUST BE PICKED UP FROM THE CONSIGNING FARM NO LATER THAN AUGUST 31, 2020.

    - For Meadowood Farms ram lambs, contact Quincy Wool Parker (info@meadowoodfarms.com) at least 3 days in advance of your preferred pick-up date to

make sure that someone is on site to coordinate your loading and to have any necessary out-of-state health papers available.

- For Ms. J and Company yearling lambs, contact Mariana Marques de Almeida (mariana@msjandco.com) at least 3 days in advance of your preferred pick-up date to make sure that someone is on site to coordinate your loading and to have any necessary out-of-state health papers available.

14. A delayed pick-up date may be necessary if additional health tests are required for rams going to some states.

15. Health requirements for shipping will be covered by seller.

16. A refund of $50 per head will be given by seller, upon proof of enrollment in DSANA's Production Improvement Program (PIP) at the time of pick-up from the consigning farm.

Buyers' eligibility:

17. Buyers ***must*** provide Ms. J and Company with their premise's ID and USDA Scrapie number before the day of the auction. USDA APHIS requires that:
    - all farms receiving animals sired by imported semen must be enrolled in the Scrapie-Free Certification Program (SFCP)
    - for traceability purposes records on living offspring sired by imported semen (i.e., rams purchased at this sale) must be kept by purchasing owners until the animals reach 5 years of age, regardless of ownership.

The Rams:

18. All ram lambs and yearling rams listed in this catalog will be sold:
    - Two ¾-Assaf ram lambs consigned by Meadowood Farms, Cazenovia, NY
    - Eight ¾-Assaf yearling rams consigned by Ms. J and Company, Monroe, WI

19. Each individual consignor farm's health management protocols can be found on "Consigning Farms" page (pg 4 of this catalog).

20. These rams are all 75% Assaf, sired by approved Assaf semen from the Spanish Assaf Association's genetic improvement program (ASSAF.E), and with grand-sires (semen) from the same program.

21. For each individual ram for sale, pictures, genealogy, and milk production information of parents can be found on pages 7-17 of this catalog.

22. While every effort has been taken to offer quality rams, each animal is sold with no guarantee as to future reproduction, production, or longevity.

23. Potential buyers can view videos of the rams for sale at the websites of the individual consignors, listed below. Prospective buyers wishing to view the rams at the consigning farms may contact the consigning farm at the emails below and arrange a visiting time.

    - www.meadowoodfarms.com/assaf-ram-sale; info@meadowoodfarms.com
    - www.msjandco.com; mariana@msjandco.com

Brief Assaf breed history

Assaf is an established dairy sheep breed and has its origins during the 1950/60's at the Volcani Research Center in Israel. During the period from 1977 to 1994, Spain and Portugal imported Assaf animals and semen from Israel which would be the initial population of the breed in Spain. One year later, in 1995, the Israeli borders closed due to health problems and no more genetics were exported.

The Assaf sheep in Spain have been subject to a process of adaptation and selection over the past thirty years, in order to produce improved milk yields, higher protein and fat components, and better udder conformation.

In 2002, the National Association of Assaf Breeders (ASSAF.E) was founded. Only one year later, in 2003, the breed was officially acknowledged by the Ministry of Agriculture in Spain and included in the Official Catalogue of Breeds of Spanish Livestock, under the category of "breeds from non-EU countries". In 2005, ASSAF.E was officially acknowledged as a collaborating entity in maintaining the Assaf Flock Breed Register.

Nowadays, Spain has around 1 million Assaf ewes, which makes it the biggest population of Assaf sheep in the world. The Association (ASSAF.E) has 8 full time staff (4 veterinarians, 3 office staff, and the executive director). The Association has developed a highly effective genetic improvement program, containing "nucleus farm" flocks that measure objective production, component, and conformation traits in validated lactations, and contribute the collected production and conformation data to the ASSAF.E genetic evaluation program. Only farms registered in the ASSAF.E Flock Book are part of this selective nucleus of the genetic improvement program. In 2017 ASSAF.E had 129 farms registered in the Association with a total of 142,832 animals registered in the official Flock Book, submitting a total of 86,095 recorded and ICAR validated lactations to the genetic improvement program. The Association selects rams from the top 10% of nucleus flock ewes to be held at their semen collection center. These rams are used to inseminate nucleus flock ewes, whose daughters are in turn recorded for the yield, component, and conformation data that gives us the rams' expected breeding values and potential productions. ***All of the semen used to sire and grand sire these sale rams comes from rams in this Top 10% category.***

Milk production of ASSAF.E nucleus flock ewes: 1993-2016, 2016, and 2016's 10% best ewes

	1993-2016	**2016**	**2016 10% Best**
Nr. of ewes in nucleus system	303,042	64,307	6,597
Nr. of validated lactations	818,195	66,001	6,601
Avg milk production (in 150-d lactations)	323kg (712lbs)	373kg (822lbs)	627kg (1,486lbs)
Avg milk production over total lactation:			
Avg lactation length	201d	198d	235d
Avg total milk production	394kg (868lbs)	448kg (988lbs)	802kg (1,768lbs)

Assaf in the US

In 2017 Ms. J and Company brought the first and only Assaf semen from the Spanish Assaf Breeders Association into North America. This semen is the only Assaf semen in North America that is sourced from top proven and validated rams from the ASSAF.E Association's nucleus group and semen collection center.

About the Consignors

MEADOWOOD FARMS. Meadowood Farms is located in the heart of Upstate New York. We milk seasonally and depend on pasture to supply the vast majority of our forage during the lactation season. We meter every two weeks through peak lactation (i.e., to approximately 100 days in milk), and then monthly thereafter. We select our replacement males and female based on the production information we have collected over the season. Our flock represents 22 years of diligent selection and culling for milk production and udder conformation.

For 20+ years our dairy flock had a base flock of East Friesian x Lacaune ewes. Since 2017 Meadowood Farms has taken the opportunity to purchase Lacaune semen from France, via DSANA's Semen Importation Program. In 2018 we also began to use improved Assaf semen imported from Spain via Ms. J & Co.

All dairy ram lambs born at Meadowood Farms are identified as soon as they are born – to be held as our own replacements, offered for sale, or wethered at Day2 for the meat market. All select dairy ram lambs are removed from their dams immediately after birth, fed colostrum for 18 hours, and then raised to 30 days on milk replacer before being weaned. As the season progresses, we weed out any of the select ram lambs that show conformational flaws. All select ram lambs are checked for correct mouths, basic conformation, descended testicles, and freely moving pizzles and testicles.

The Meadowood dairy flock is vet-tested annually for OPP and Johne's, and is free of both. There is no foot rot on the farm. The flock is vaccinated annually for the control of CL. The ¾-Assaf ram lambs being sold at this auction have been vaccinated twice (initial at 30-d + booster) for both CD/T and CL.

Ms. J AND COMPANY FARM. Ms. J Farm location is in Monroe, Wisconsin. The farm started to be built in the spring of 2017, first the lamb barn followed by the sheep and milking barn, With the main goal of having a pure Assaf breed flock based on the imported semen from ASSAF.E. The barns are insulated and have an efficient ventilation system to ensure animal comfort during the Wisconsin winters and summers. Milking year-round is already a reality and the parlor is fully automated with a system that registers individual ewe's milk production.

The first animals arrived at the farm during February 2018, 300 ewe lambs (150 already first-generation ASSAF.E-sired). At the moment the flock has around 530 females and we are milking 250 ewes. All animals are electronically identified with an RFID Bolus (microchip). We use artificial insemination as our main reproductive method in order to achieve the pure Assaf breed. Ms. J and Co has a very young flock with ewes no older than 2 years old which limits the information available.

The Ms. J and Co dairy flock has been tested for OPP and Johne's disease with negative results for both. We vaccinate annually for C/D&T and Chlamydia before mating. There is no foot rot nor CL at the farm.

The rams in this auction have been vaccinated as lambs for C/D&T and will be vaccinated during the month of June for their annual booster.

List of rams offered in the sale

Ram ID	DOB	% ASSAF	Origin Farm	Ram location	Page	Lot #
Ram Lambs						
MWD2000134	02/12/20	75%	Meadowood Farms	Cazenovia, NY	7	2
MWD2000135	02/12/20	75%	Meadowood Farms	Cazenovia, NY	8	5
Yearlings Rams						
MSJ19108	05/12/19	75%	Ms. J and Co	Monroe, WI	10	3
MSJ19110	05/12/19	75%	Ms. J and Co	Monroe, WI	11	4
MSJ19115	05/14/19	75%	Ms. J and Co	Monroe, WI	12	1
MSJ19116	05/14/19	75%	Ms. J and Co	Monroe, WI	13	8
MSJ19120	05/12/19	75%	Ms. J and Co	Monroe, WI	14	7
MSJ19128	05/13/19	75%	Ms. J and Co	Monroe, WI	15	9
MSJ19136	06/18/19	75%	Ms. J and Co	Monroe, WI	16	10
MSJ19137	06/21/19	75%	Ms. J and Co	Monroe, WI	17	6

Detailed information on all ram lambs and yearling rams for sale can be found on the following pages (pages 7-17).

Information on the Assaf sires (semen) of these ram lambs and yearlings can be found on pages 19-22.

Information on the Assaf grand-sires can be found in the semen catalog at msjandco.com.

Ram lambs for sale



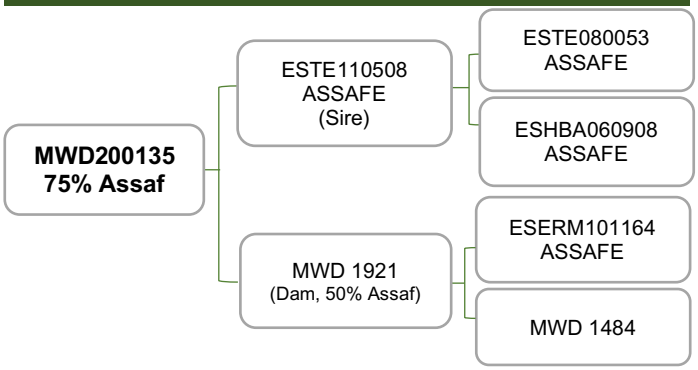






Flockbook tag:	**MWD2000134**
Scrapie tag:	NY100974_2281
Microchip #:	981 020023560446
Date of birth:	02/12/2020
Location of ram:	Meadowood Farms, Cazenovia NY
Origin farm:	**Meadowood Farms**

Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESTE110508
Milk production ranking (Star system, out of 4 stars)	☆☆☆
Number of daughters (Total daughters' recorded lactations)	59 (166)
Daughter's avg milk production at 150d (Avg daily prod'n)	882 lbs (5.88 lbs/d)
Mother's best lactation / Lactation length	1,625 lbs / 285 days

Go to page 22 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	02/12/2020	458 to 5/18	96	4.8 lb/d
2				





- Dam 1921 lambed at 12 months of age, producing twin lambs. At 96 days in milk she is producing 5.3 lb/d. Her udder picture is on the left.
- Grand-dam 1484 as a 6-yr-old has averaged 7.8 lb/d over the first 94 days of lactation in 2020. Her udder as a 2-yr-old is pictured on the right.

Additional Information

Birth Type	Twin from ewe lamb
Weight	Wt at 75 days: 86#

For more information please visit:
www.meadowoodfarms.com
www.msjandco.com



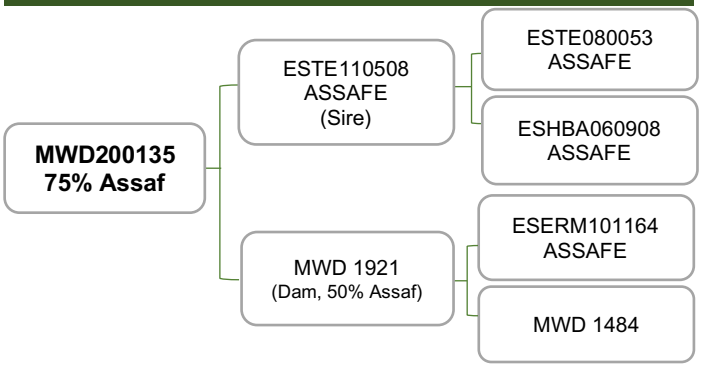






Flockbook tag:	**MWD2000135**
Scrapie tag:	NY100974_2282
Microchip #:	981 020023551044
Date of birth:	02/12/2020
Location of ram:	Meadowood Farms, Cazenovia NY
Origin farm:	**Meadowood Farms**

Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESTE110508
Milk production ranking (Star system, out of 4 stars)	☆☆☆
Number of daughters (Total daughters' recorded lactations)	59 (166)
Daughter's avg milk production at 150d (Avg daily prod'n)	882 lbs (5.88 lbs/d)
Mother's best lactation / Lactation length	1,625 lbs / 285 days

Go to page 22 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	2/12/2020	458 to 5/18	96	4.8 lb/d
2				





- Dam 1921 lambed at 12 months of age, producing twin lambs. At 96 days in milk she is producing 5.3 lb/d. Her udder picture is on the left.
- Grand-dam 1484 as a 6-yr-old has averaged 7.8 lb/d over the first 94 days of lactation in 2020. Her udder as a 2-yr-old is pictured on the right.

Additional Information

Birth Type	Twin from ewe lamb
Weight	Wt at 75 days: 85#

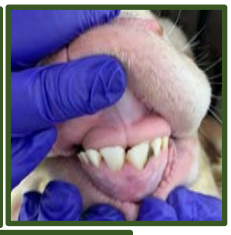
For more information please visit
www.meadowoodfarms.com
www.msjandco.com

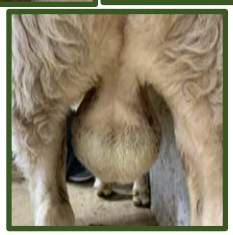
Yearling rams for sale



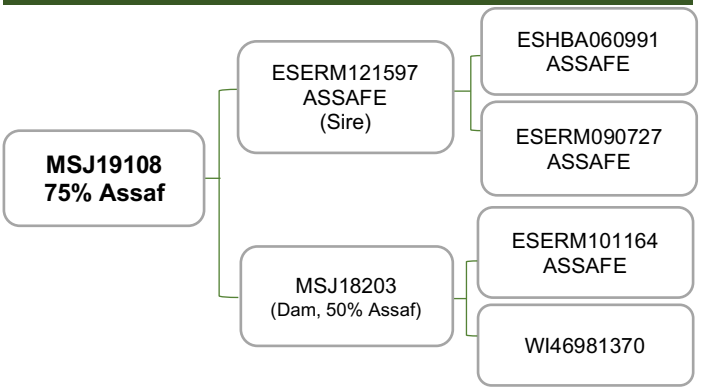
Flockbook tag:	**MSJ19108**
Scrapie tag:	WI60160261
Microchip #:	982-126056932657
Date of birth:	05/12/2019
Location of ram:	Ms. J and Company, Monroe, WI
Origin farm:	**Ms. J and Company**







Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESERM121597
Milk production ranking (Star system, out of 4 stars)	☆☆☆☆
Number of daughters (Total daughters' recorded lactations)	76 (234)
Daughter's avg milk production at 150d (Avg daily prod'n)	948 lbs (6.32 lbs/d)
Mother's best lactation / Lactation length	1,554 lbs / 264 days

Go to page 19 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	05/12/2019	NA	NA	NA
2	02/21/2010	607 to 5/28	97	6.26 lbs/d



- At 97 days in milk Dam 19203 is producing 6.26 lb/d in her second lactation. Her udder picture is above.
- Ram is a twin brother of 19110

Additional Information

Birth Type	Quadruplets from ewe lamb
Weight	NA

For more information please visit:
www.meadowoodfarms.com
www.msjandco.com









Flockbook tag: **MSJ19110**

Scrapie tag: WI60160260

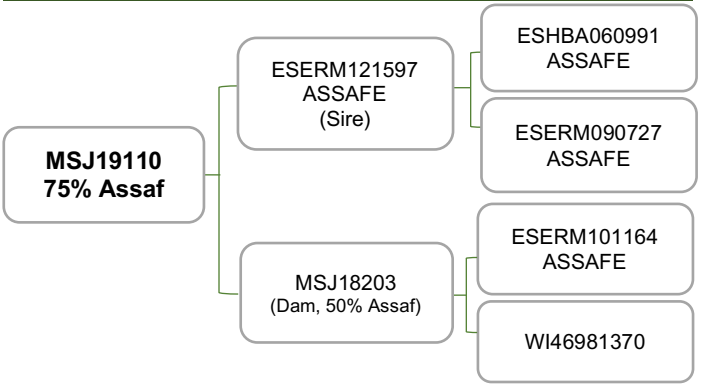
Microchip #: 982-126056932660

Date of birth: 05/12/2019

Location of ram: Ms. J and Company, Monroe, WI

Origin farm: **Ms. J and Company**

Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESERM121597
Milk production ranking (Star system, out of 4 stars)	☆☆☆☆
Number of daughters (Total daughters' recorded lactations)	76 (234)
Daughter's avg milk production at 150d (Avg daily prod'n)	948 lbs (6.32 lbs/d)
Mother's best lactation / Lactation length	1,554 lbs / 264 days

Go to page 19 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	05/12/2019	NA	NA	NA
2	02/21/2020	607 to 5/28	97	6.26 lbs/d



- At 97 days in milk Dam 19203 is producing 6.26 lb/d in her second lactation. Her udder picture is above.
- Ram is a twin brother of 19108

Additional Information

Birth Type	Quadruplets from ewe lamb
Weight	NA

For more information please visit:
www.meadowoodfarms.com
www.msjandco.com



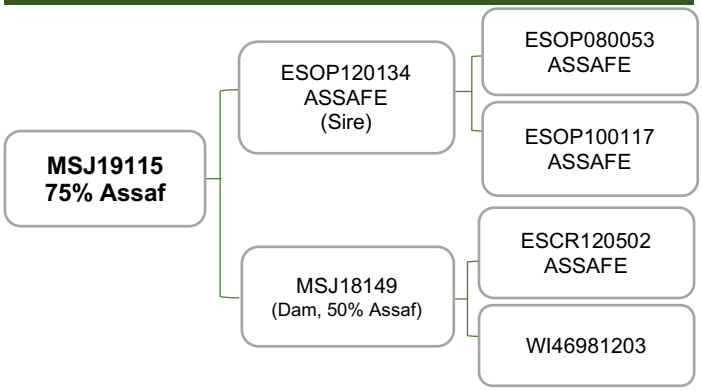






Flockbook tag:	**MSJ19115**
Scrapie tag:	WI60160280
Microchip #:	982-126056932661
Date of birth:	05/14/2019
Location of ram:	Ms. J and Company, Monroe, WI
Origin farm:	**Ms. J and Company**

Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESOP120134
Milk production ranking (Star system, out of 4 stars)	☆☆☆
Number of daughters (Total daughters' recorded lactations)	85 (285)
Daughter's avg milk production at 150d (Avg daily prod'n)	891 lbs (5.94 lbs/d)
Mother's best lactation / Lactation length	1,447 lbs / 256 days

Go to page 21 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	05/14/2019	NA	NA	NA
2	02/09/2020	582 to 5/28	109	5.34 lbs/d



- At 97 days in milk Dam 19149 is producing 5.34 lb/d in her second lactation. Her udder picture is above.

Additional Information

Birth Type	Single from ewe lamb
Weight	NA

For more information please visit:
www.meadowoodfarms.com
www.msjandco.com









Flockbook tag: **MSJ19116**

Scrapie tag: WI60160286

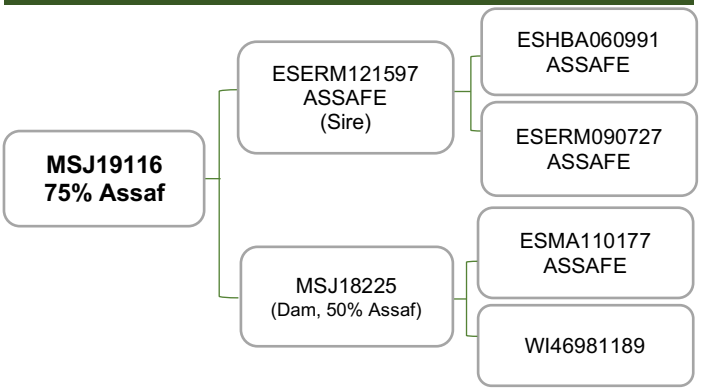
Microchip #: 982-126056932669

Date of birth: 05/14/2019

Location of ram: Ms. J and Company, Monroe, WI

Origin farm: **Ms. J and Company**

Genealogy



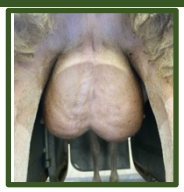
Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESERM121597
Milk production ranking (Star system, out of 4 stars)	☆☆☆☆
Number of daughters (Total daughters' recorded lactations)	76 (234)
Daughter's avg milk production at 150d (Avg daily prod'n)	948 lbs (6.32 lbs/d)
Mother's best lactation / Lactation length	1,554 lbs / 264 days

Go to page 19 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	05/14/2019	NA	NA	NA
2	02/22/2020	473 to 5/28	95	4.98 lbs/d



- At 95 days in milk Dam 19225 is producing 4.98 lb/d in her second lactation. Her udder picture is above.

Additional Information

Birth Type	Single from ewe lamb
Weight	NA

For more information please visit:
www.meadowoodfarms.com
www.msjandco.com



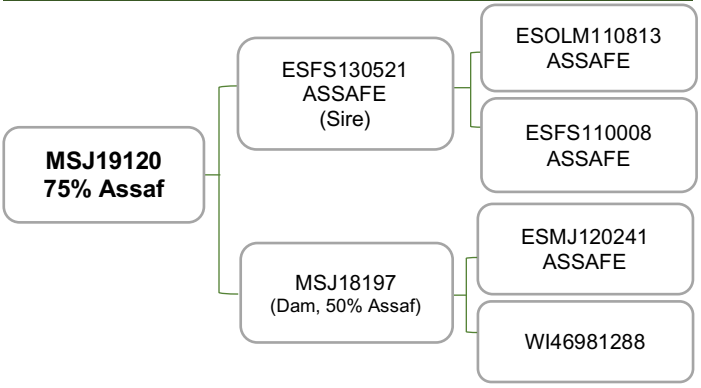






Flockbook tag:	**MSJ19120**
Scrapie tag:	WI60160257
Microchip #:	982-126056932659
Date of birth:	05/12/2019
Location of ram:	Ms. J and Company, Monroe, WI
Origin farm:	**Ms. J and Company**

Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESFS130521
Milk production ranking (Star system, out of 4 stars)	☆☆☆☆
Number of daughters (Total daughters' recorded lactations)	99 (209)
Daughter's avg milk production at 150d (Avg daily prod'n)	904 lbs (6.02 lbs/d)
Mother's best lactation / Lactation length	1,555 lbs / 184 days

Go to page 20 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	05/12/2019	NA	NA	NA

- Dam 18197 died 2.5 months after lambing due to mastitis (lambs nurse for about 2 month before the milking parlor was in place and operational.

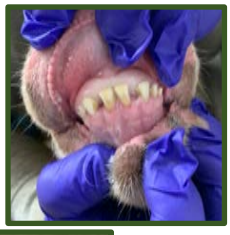
Additional Information

Birth Type	Single from ewe lamb
Weight	NA

For more information please visit:
www.meadowoodfarms.com
www.msjandco.com



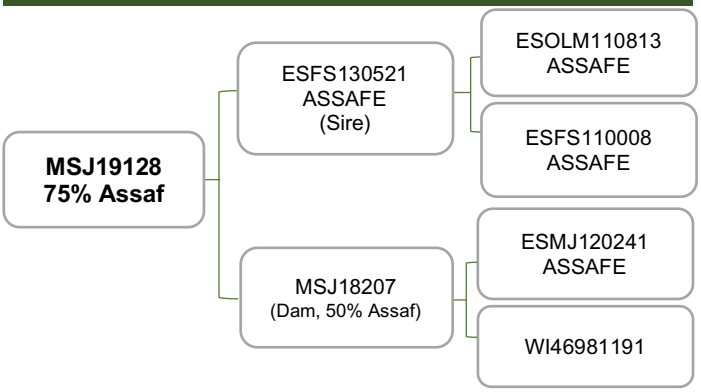






Flockbook tag:	**MSJ19128**
Scrapie tag:	WI60160276
Microchip #:	982-126056932664
Date of birth:	05/13/2019
Location of ram:	Ms. J and Company, Monroe, WI
Origin farm:	**Ms. J and Company**

Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESFS130521
Milk production ranking (Star system, out of 4 stars)	☆☆☆☆
Number of daughters (Total daughters' recorded lactations)	99 (209)
Daughter's avg milk production at 150d (Avg daily prod'n)	904 lbs (6.02 lbs/d)
Mother's best lactation / Lactation length	1,555 lbs / 184 days

Go to page 20 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	05/13/2019	NA	NA	NA
2				

- Dam 18207 died 2 months after lambing due to mastitis (lambs nurse for about 2 month before the milking parlor was in place and operational.

Additional Information

Birth Type	Single from ewe lamb
Weight	NA

For more information please visit:
www.meadowoodfarms.com
www.msjandco.com



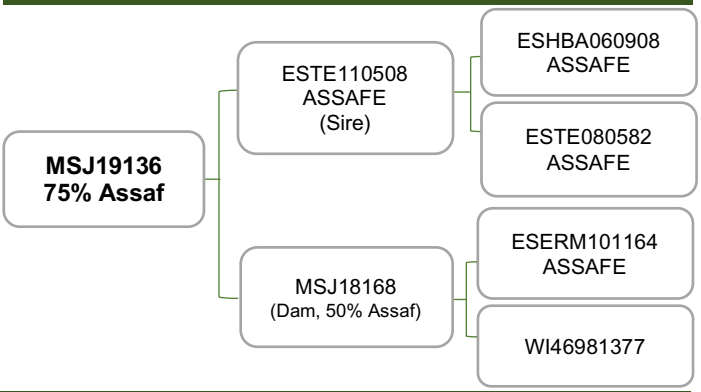






Flockbook tag:	**MSJ19136**
Scrapie tag:	WI60160363
Microchip #:	982-126056932662
Date of birth:	06/18/2019
Location of ram:	Ms. J and Company, Monroe, WI
Origin farm:	**Ms. J and Company**

Genealogy



Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESTE110508
Milk production ranking (Star system, out of 4 stars)	☆☆☆
Number of daughters (Total daughters' recorded lactations)	59 (166)
Daughter's avg milk production at 150d (Avg daily prod'n)	882 lbs (5.88 lbs/d)
Mother's best lactation / Lactation length	1,625 lbs / 285 days

Go to page 22 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	06/18/2019	NA	NA	NA
2	01/19/2020	657 to 5/28	115	5.71 lbs/d



- At 115 days Dam 19168 is producing an average of 5.71 lbs daily in her second lactation. Udder picture is above.

Additional Information

Birth Type	Twins from ewe lamb
Weight	NA

For more information please visit:
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www.msjandco.com



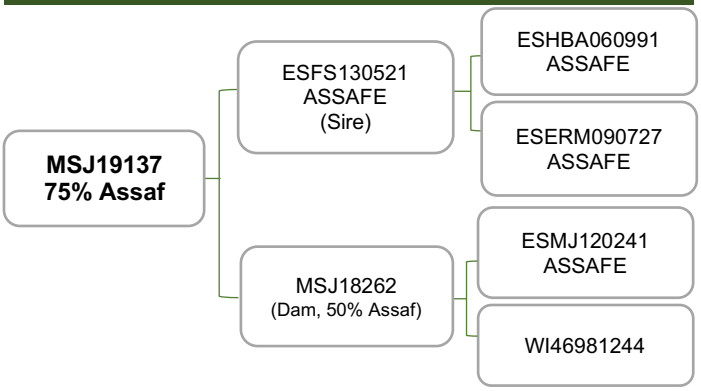






Flockbook tag:	**MSJ19137**
Scrapie tag:	WI60160394
Microchip #:	982-126056932674
Date of birth:	06/21/2019
Location of ram:	Ms. J and Company, Monroe, WI
Origin farm:	**Ms. J and Company**

Genealogy



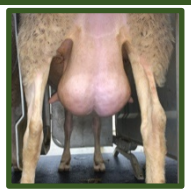
Sire ASSAFE Information

Milk Production Characteristics	Sire tag# ESFS130521
Milk production ranking (Star system, out of 4 stars)	☆☆☆☆
Number of daughters (Total daughters' recorded lactations)	99 (209)
Daughter's avg milk production at 150d (Avg daily prod'n)	904 lbs (6.02 lbs/d)
Mother's best lactation / Lactation length	1,555 lbs / 184 days

Go to page 20 for complete Assaf sire information

Dam's milk production information

Lactation nr.	Lambing date	Milk prod'n (lbs)	DIM	Avg daily prod.
1	06/21/2019	NA	NA	NA
2	03/07/2020	472 to 5/28	82	5.75 lbs/d



- At 82 days in milk Dam 19262 is producing 5.75 lb/d in her second lactation. Her udder picture is above.

Additional Information

Birth Type	Single from ewe lamb
Weight	NA

For more information please visit:
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www.msjandco.com

Information on Assaf Sires (Imported Assaf Semen)

ESERM121597



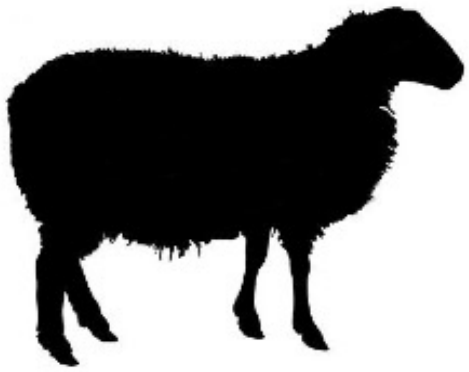
Genealogy	
Dam	**Sire**
ESERM090727	ESHBA060991

Animal ID ESERM121597
Born March 7th, 2012
Origin Spain
Scrapie Genotype ARR/ARQ
Data Source ASSAF.E December 2019

Milk Production Characteristics	ESERM121597
Star System	****
Mother Best Lactation	**1554 Lbs**
Mother Best Lactation Lenght	**264**
Mother Average Milk Production at 150d	**800 Lbs**
Mother No. of Lactations	**4**
Total No. of Daughters	**76**
No. Flocks with Daughters	**22**
Daughters Average Milk Production 150d	**948 Lbs**
No. of Lactations in Daughters	**234**

Other Traits	R^2
Protein	90%
Fat	89%
Somatic Cell Score	88%
Udder Composite Score	81%

ESFS130521



Genealogy	
Dam	**Sire**
ESFS110008	ESOLM110813

Animal ID ESFS130521
Born November 13th, 2013
Origin Spain
Scrapie Genotype ARR/ARR
Data Source ASSAF.E December 2019

Milk Production Characteristics	ESFS130521
Star System	****
Mother Best Lactation	**1155 Lbs**
Mother Best Lactation Lenght	**184**
Mother Average Milk Production at 150d	**736 Lbs**
Mother No. of Lactations	**7**
Total No. of Daughters	**99**
No. Flocks with Daughters	**22**
Daughters Average Milk Production 150d	**904 Lbs**
No. of Lactations in Daughters	**209**

Other Traits	R^2
Protein	90%
Fat	90%
Somatic Cell Score	90%
Udder Composite Score	82%

ESOP120134



Genealogy	
Dam	**Sire**
ESOP100117	ESOP080053

Animal ID ESOP120134
Born February 10th, 2012
Origin Spain
Scrapie Genotype ARR/ARQ
Data Source ASSAF.E December 2019

Milk Production Characteristics	ESOP120134
Star System	***
Mother Best Lactation	**1447 Lbs**
Mother Best Lactation Lenght	**256**
Mother Average Milk Production at 150d	**883 Lbs**
Mother No. of Lactations	**3**
Total No. of Daughters	**85**
No. Flocks with Daughters	**21**
Daughters Average Milk Production 150d	**891 Lbs**
No. of Lactations in Daughters	**285**

Other Traits	R^2
Protein	92%
Fat	92%
Somatic Cell Score	92%
Udder Composite Score	85%

ESTE110508



Genealogy	
Dam	**Sire**
ESTE080582	ESHBA060908

Animal ID ESTE110508
Born March 16th, 2011
Origin Spain
Scrapie Genotype ARR/ARQ
Data Source ASSAF.E December 2019

Milk Production Characteristics	ESTE110508
Star System	***
Mother Best Lactation	**1625 Lbs**
Mother Best Lactation Lenght	**285**
Mother Average Milk Production at 150d	**876 Lbs**
Mother No. of Lactations	**6**
Total No. of Daughters	**59**
No. Flocks with Daughters	**17**
Daughters Average Milk Production 150d	**882 Lbs**
No. of Lactations in Daughters	**166**

Other Traits	R^2
Protein	88%
Fat	88%
Somatic Cell Score	87%
Udder Composite Score	82%