

## MEADOWOOD FARMS EXCESS EWES FOR SALE, September 2019

We are retaining nearly 50 replacement ewe lambs this year, and reducing our milking string numbers slightly from 160 to 150, and so we have to move over mature ewes out of our milking string. We are offering 39 of these 55 ewes for sale, all exposed to one of our top two 2019 Lacaune-sired ram lambs. (The other 16 ewes we didn't think would be an asset to another sheep dairy, and have gone to the sale barn.) Thus what we have for sale are those that either will be good milkers for another flock, or who have enough genetic potential that any daughters or sons from them will provide great genetic improvement to another flock. Furthermore, their sons or daughters will be 50% of the improved, imported Lacaune genetics, and by that token alone will greatly improve flock genetics. To see the impact the imported Lacaune genetics are having at Meadowood, please see the table at the bottom of this document.

We monitor and assess our ewes on overall production, end-of-season persistence, and udder conformation. All ewes are metered bimonthly for the first half of the milking season, and then monthly through the end of their lactation. Their year-end production is then multiplied by a factor of 1.00 to 1.44, to be able to compare final production of all ewes as if they were 4-year-old animals (i.e., at mature production level). We also utilize EPDs for production and components, which are derived from submitting our milk production records and individual milk samples to DSANA's Production Improvement Program.

The Meadowood dairy flock is tested annually for OPP and Johne's, and is free of both. Additionally, during the 2018 milking season, we tested all of our milking ewes for Staph Aureus, culled any positives, and re-tested to assure there were no SA-positive ewes in the flock. There is no foot rot on the farm. The flock is vaccinated annually for the control of CL. All lambs sold will have been vaccinated twice (initial at 30-d + booster) for CD/T and CL.

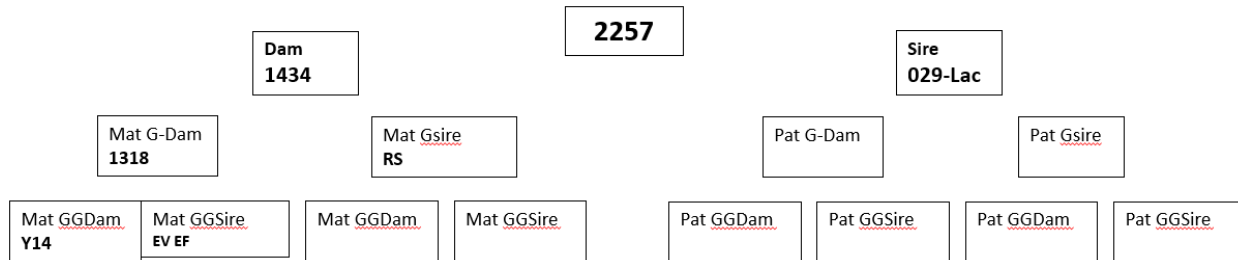
It has been hard to determine which ewes we must sell. We have selected and culled stringently for the last few years, and our per-ewe milk production has reflected that. Then, in 2019 we milked our first F1 daughters from the imported Lacaune semen, and we are now seeing another huge jump in production. As a result, ewes or yearlings that we would have retained a year or two ago are suddenly surplus to our needs. These are the ewes that we are offering for sale. All the sale prices include exposure to the ram. The ram will go in with the excess ewes on October 1st for one month. Ewes will be sold in minimum groups of five, and must leave Meadowood by December 1<sup>st</sup> 2019. We are offering discounts on groups of 20 ewes or more. We are also offering a discount on ewes going to any farm enrolled in DSANA's Production Improvement Program, as the milking data of their future production will benefit our genetic program in the future.

***All ewes purchased require a 25% non-refundable deposit.*** Ewes can be selected in groups of five on a first-deposit-first-choice basis, i.e., ***choice of ewes in order of deposit received.*** (In the case of death or disability of a particular ewe, deposit will be returned.)

***Purchased ewes must be picked up between November 1st – 5th, or between November 11th - November 30th, but cannot be picked up between November 6<sup>th</sup> and November 11<sup>th</sup>, as we will be attending the Dairy Sheep Symposium in Idaho Falls during those dates.***

Our excess ewes will be bred to ram #2257, a Lacaune-semen-sired ram lamb born in February 2019. Immediately below you will find his genealogy. You will find milk production information on his related females (on his dam's side) in both of the "Related Females" spreadsheets that are part of our information packet, found in the document titled "Prodn records, excess ewes 2019". You will also find his maternal grand-sire information in the document titled "Prodn records, excess ewes 2019".

## Lineage of Ram# 2257, to whom any excess ewes will be exposed:



## Background info on Lacaune semen Sire 029-Lac

### Yield, component, & conformation indices on rams' semen imported by DSANA in 2017 & 2018

- Index lait = Milk index => index of milk improvement which includes volume + components
- Index production = expected measure of production (yield) above flock average (average Lacaune flock in France).
- CD lait = accuracy of numbers in %
- ISOL = index the Lacaune society has created, melding milk volume & components with udder conformation. DSANA allocated semen to purchasing farms based on ISOL index.

**Note:** in this ram lamb's pedigrees, you will find the ram whose animal ID end in 029.

**Also note:** MWD did not choose which rams to receive from DSANA. Rams were randomly allotted to the farms that purchased the Lacaune semen. The red marks in the 2018 group were the rams/semen sent to MWD. MWD only used 1/3 of the rams/semen in 2018.

## PROPOSITION CATALOGUE SEMENCE DSANA \_ 10/07/2018

	Animal	Nombre doses	CD lait	index lait	index production	ISOL	pere	
OVITEST	55173540241	50	89	260	350	287	16176200632	55
OVITEST	16240940256	50	97	162	92	258	16031702529	16
	16229330029	100	90	123	491	246	16051436	16
	16039840202	50	89	287	312	276	1604487	16
OVITEST	16031740133	26	93	64	140	209	16068010285	16
	16340340535	120	89	210	180	290	1610104	16
CONFEDERATION	16236140300	50	91	507	447	296	16038804313	16
CONFEDERATION	16166911510	50	92	448	354	272	16134680005	16
	16133950028	100	86	261	157	246	1609910230	16
CONFEDERATION	16167640005	58	87	19	150	207	16136501905	16
	16337050248	100	81	391	260	248	1603379	16
CONFEDERATION	16337150269	50	96	28	272	232	16262720332	16
	somme	804						

## List of excess ewes for sale

Here is the list of the excess ewes for sale, along with their dam and sire information, and their sale price. The sale price includes exposure to the ram #2257 from October 1 to October 31, 2019.

\*The exception is 1434, who will be bred to our own clean-up ram, as she is the dam of Ram #2257. The MWD clean-up ram is also sired by Lacaune-semen (#029-Lac), and dammed by an unrelated [top-producing] ewe.

Background information on the sires can be found in the document titled "Prodn records, excess ewes 2019".

Production information on the related females can also be found in the document titled "Prodn records, excess ewes 2019".

Related females records include:

- Milk production 2019 (if they milked in 2019)
- Milk production 2018 (if they milked in 2018)

Purchase of	Discount off total \$\$	Discount off total with 2019 PIP Enrollment*
10 ewes	0	\$50
15 ewes	0	\$50
20 ewes	5%	100
25 ewes	5%	100
30 ewes	10%	150
35 ewes	10%	150
39 ewes	15%	200
		* Reimbursed by MWD upon proof of enrollment

Ewe#	Sire	Dam	Sale price	Related female info?
1205	Wajswol EFW	W68	\$ 100	1701, 1484
1256	EV EF 1465	Y13	\$ 100	1508
1314	SPOONER	113	\$ 100	1723
1335	SPOONER	101	\$ 100	1337
1343	SPOONER	117	\$ 100	1647, 1820
1345	EV EF 1465	B17	\$ 100	1608, 1609
1400	EV EF 1465	Y11	\$ 200	1633
1409	RS	1357	\$ 200	1644, 1882, 1883
1420	RS	1302	\$ 200	1634, 1635, 1862
1425	EV EF 1465	R9	\$ 200	
*1434	RS	1318	\$ 250	1435
1461	RS	1356	\$ 250	1858
1479	RS	1328	\$ 200	
1493	SPOONER	1267	\$ 250	1656, 1851, 1852
1501	UNK EF	1321	\$ 250	
1503	UNK EF	125	\$ 200	1844
1505	RS	1247	\$ 200	
1511	RS	1357	\$ 250	1702, 1703
1531	UNK EF	114	\$ 150	1887
1532	SP047	1225	\$ 200	1533
1533	SP047	1225	\$ 150	1532
1548	SP047	1204	\$ 100	1704
1604	RS	W68	\$ 200	
1606	RS	1406	\$ 150	1853
1608	SP 022	1345	\$ 200	1849
1641	RS	G101	\$ 150	1864
1648	RS	1427	\$ 200	
1733	HARRY	1204	\$ 200	1818, 1819
1734	HARRY	1204	\$ 200	1800, 1801
1801	Kffr X2920	1734	\$ 150	1734
1814	Kffr X2920	1730	\$ 150	1730
1817	Kffr X2920	1716	\$ 150	1716
1869	Kffr X2920	1505	\$ 150	1505
1874	Kffr X2920	1524	\$ 150	1524
1878	Kffr X2920	1649	\$ 150	1649
1881	Kffr X2920	1521	\$ 150	1521
1893	Kffr X2920	1529	\$ 150	1529
1898	Kffr X2920	1655	\$ 150	1655
1899	Kffr X2920	1404	\$ 150	1404

☆ In the document titled "**Udder pics**", you will find a description of each ewe, along with her udder picture, and information and pictures of related females.

☆ In the document titled “*Prodn records, excess ewes 2019*”, you will find the following tables and information:

- Milk production 2019 – excess ewes and related females
- Milk production 2018 – excess ewes and related females
- Sire descriptions – sires of the excess ewes in the sale list

### Changes in flock averages at Meadowood Farms.

The chart shows our average flock production in 2010, 2016, and 2018; the production improvements have been entirely due to milk recording, a focus on udder conformation, and breeding selections made production and conformation data. (Our 2019 production has raised again, but we have not compiled final summaries yet.) Note that our production is measured on Lb milk harvested *per ewe bred*.

Milk production increases at Meadowood Farms, including production data from all ewes aged 1-8 years.					
	Lb/ewe bred	Avg DIM	Avg lamb'g dt	Dry Off dt	Lb prod'n top ewe
<b>2018</b>	652	196	12-Apr	25-Oct	1,336
<b>2016</b>	546	165	15-Apr	27-Sep	908
<b>2010</b>	513	153	3-Apr	3-Sep	780

### The impact we have seen in our first year milking the daughters of the 2017 imported Lacaune semen.

The tables below show the production of:

1. the 2019 yearlings as of May 30, comparing the production of our 1st batch of Lacaune-semen-sired yearlings with their domestically-sired contemporaries, and
2. the production of the top 10 yearlings in each of the groups of Lacaune-semen-sired yearlings and the domestically-sired yearlings, as well as the top 10 2018 yearlings of all-MWD-breeding

**Production of Lacaune-semen-sired vs domestically-sired yearlings as of 30 May, 2019 season**

	Lac	Dom
avg DIM	59	48
avg age at lambing	375	353
avg lb/d	6.0	4.1
highest lb/d	8.6	6.8
lowest lb/d	3.5	1.8

**Prod'n of top 10 yearlings at ~ 45 DIM, comparing 2019 yrlgs (Lac-semen-sired & Domestically-sired) along with 2018 yearlings.**

	Lb/d	avg DIM
2019 Lac	6.5	47
2019 Dom	5.6	49
2018 Yrlngs	5.0	40

Top 10 2018 Yrlngs: Avg total prod'n for 2018 season: 900 lbs per yearling