

2019

UK CATALOGUE

产品目录



GOATS

ALPINE | SAANEN | BOER

阿尔卑斯山羊 | 萨能山羊 | 波尔山羊



EVOLUTION
International



AGENDA 2019

AQUITANIMA INTERNATIONAL TOUR

BORDEAUX 波尔多

from 29 to 31 may 2019

2019年5月29日到31日

SPACE

RENNES 雷恩

from 10 to 13 september 2019

2019年9月10日到13日

SOMMET DE L'ELEVAGE

COURNON D'AUVERGNE

from 2 to 4 october 2019

2019年10月2日到4日

CAPGENES : OVER 30 YEARS IN THE SELECTION BUSINESS

Capgenes is the unique Goat selecting institution in France. Capgenes has for mission to define the goals for improving the breeds, leading progeny-testing programs and officially giving the direction of the breed improvements through the genetics.

CAPGENES : 超过30年的育种经验

法国奶山羊育种公司, Capg è nes 主要的任务是确定育种目标, 引导基因筛选体系的发展和作为奶山羊基因优化体系的国家代表



Capgenes

GOAT PROOFS

NAME	NAME
AI CODE	IDENTIFICATION CODE
NB	NUMBER OF DAUGHTERS
CD	RELIABILITY
IPC	GOAT PRODUCTION INDEX
MILK	MILK INDEX IN KILOS
MP	PROTEIN INDEX IN KILOS
TP	PROTEIN DEVIATION IN %.
MG	FAT INDEX IN KILOS
TB	FAT DEVIATION IN %.
IMC	MORPHOLOGICAL GOAT INDEX
CELL.	SOMATIC CELL INDEX
SIRE	FATHER
PGS	PATERNAL GRANDSIRE
MGS	MATERNAL GRANDSIRE
Price category	PRICE CATEGORY

奶山羊指数

NAME	姓名
AI CODE	人工受精编码
NB	女儿数量
CD	指数可靠性
IPC	山羊生产指数
MILK	产奶量指数
MP	乳蛋白指数
TP	乳蛋白率
MG	乳肪指数
TB	乳脂率
IMC	山羊体型总指数
CELL.	体细胞
SIRE	父亲姓名
PGS	祖父姓名
MGS	外祖父姓名
Price category	价格分类

IPC & IMC

Those two indexes are based on a score of 100, which corresponds to the average index of French goat population.

IPC: It is a major element of the selection that ensures genetic progress on all dairy traits, quantitatively and qualitatively.

IMC: It is a combination of the most relevant, elementary type indexes for goat farmers, the IMC ensures you an optimal genetic progress for the entire udder.

SOMATIC CELL INDEX

CELL: The somatic cell count index « CELL » is based on a score of 100, which corresponds to the average index of the females which were born between 2011 and 2014. An index superior to 100 corresponds to the improver bucks for this index, which have daughters with somatic cell counts lower than the average..

MILK INDEX

MILK: A milk index of 84 means the daughters of this buck produce in average 84 kg more than all the goats born between 2011 & 2014 (called the reference data base).

IPC & IMC

这两个指数均以100为基数，表示法国山羊总体的平均指数。

IPC : 该指数是选育的要素，可确保奶山羊在数量和质量上的整体优化。

IMC : 该指数结合了养殖最中肯的基本体态指数。奶山羊体态指数可确保乳房整体优化。

体细胞指数

CELL : 体细胞指数以100为基数。等于100表示在2008年至2011年间出生的母畜平均体细胞指数。大于100表示改良乳蛋白率的女儿们的体细胞数小于平均水平。

产奶性能指数

MILK : 产奶量指数为84说明该公羊的女儿比2011年到2014年间出生的所有母羊的平均产奶量多出84千克。(称为参考数据库)

RESULTS 2018

MILK RECORDING

2018年

法国产奶记录结果

Alpine / 阿尔卑斯奶山羊

Saanen / 萨能奶山羊



Number of lactations
哺乳期的数量

144.685

97.792



Lenght of lactation
哺乳期的时间
(day - 天)

307

321



Milk production
产奶量
(kg - 千克)

933

994



Fat content
乳脂
(g / kg - 克/千克)

37.8

36.0



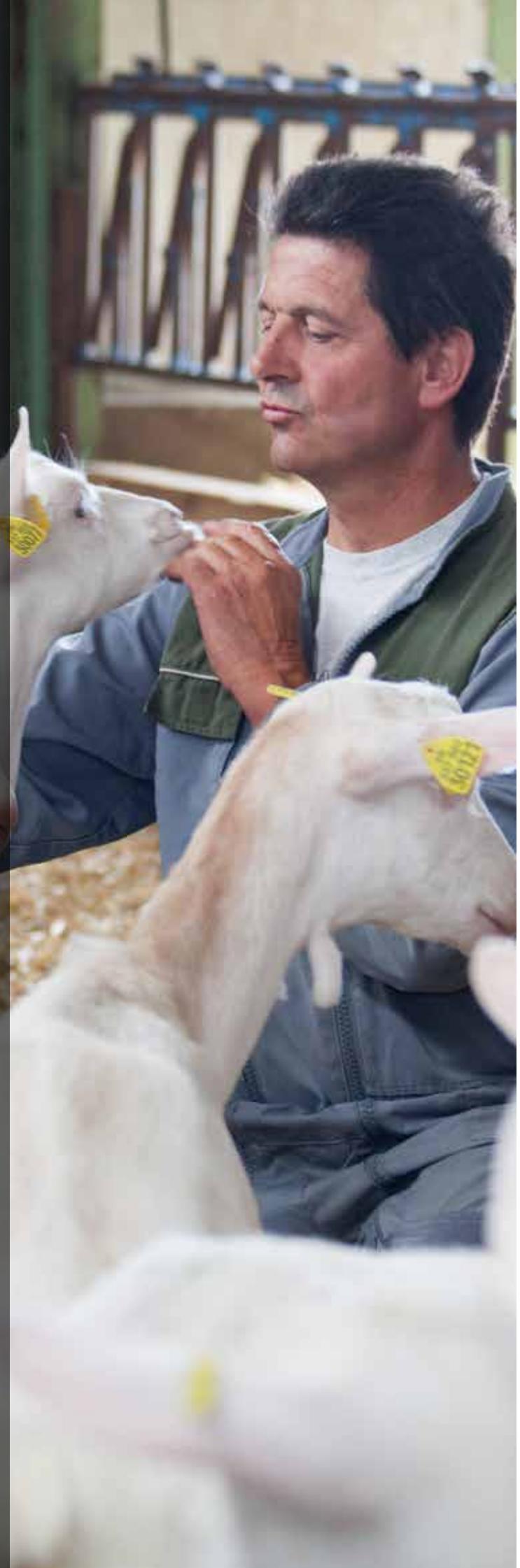
Protein content
乳蛋白
(g / kg - 克/千克)

33.5

32.3

HELP TAB TO READ
THE PROOFS

用来帮助阅读的指数索引





OUR STRENGTH : YOUR SUCCESS

EVOLUTION International is France's main exporter of bovine and goat genetics, and a company that has been delivering top quality genetics for more than 50 years. With its network of distribution partners supplying over 70 countries, EVOLUTION International's goal is to be ranked among the top 5 exporters of animal genetics in the World.

Capgènes has a huge selection potential to produce a complete range of high quality dairy bucks. It allows EVOLUTION International, exclusive export partner of Capgènes to supply:



GENETIC

+



+



=



TECHNICAL EXPERTISE

TRAINING

#1 IN THE WORLD

我们的实力： 您成功的基础

法国爱沃国际育种公司是法国第一大奶/肉牛、山羊遗传物质出口公司，本公司已有50多年的经验，经销商遍及世界70多个国家。我们的目标是成为世界动物遗传物质产品公司前5强。

夏普詹公司（Capgènes）拥有强大的山羊选育能力，可提供最前沿改良基因的奶用种公山羊的全面的产品服务。爱沃国际育种公司是夏普詹公司指定的唯一出口经销商。公司的产品服务包括：



基因遗传物质

+



+



=



技术服务

技术培训

全球第一



www.evolution-int.com



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EVOLUTION International

RUE ERIC TABARLY
CS 90039
35538 NOYAL SUR VILAINE CEDEX
France

✓ + 33 (0)2 99 85 21 40

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CAPGENES, Stanimir Stoycheff, Gejp

BEST SELECTION PROGRAM IN THE WORLD

Started more than 30 years ago



1200

planned matings/each year



On Farm qualification each year



200



Individual testing



80



80 daughters in average for each buck

4 years later



Progeny testing on daughters



40



New selected bucks

GENOMICS INTEGRATED TO EVERY STEP OF THE BREEDING PROGRAM

Since 2011 and the creation of genomic chips dedicated to goat breed, Capgènes and all its technical partners (IDELE, INRA GENPHYSE, ALLICE) have been working together to develop the future selection breeding program for goats:

2019 is the first year for genomics to be incorporated to all the stages of the breeding program:

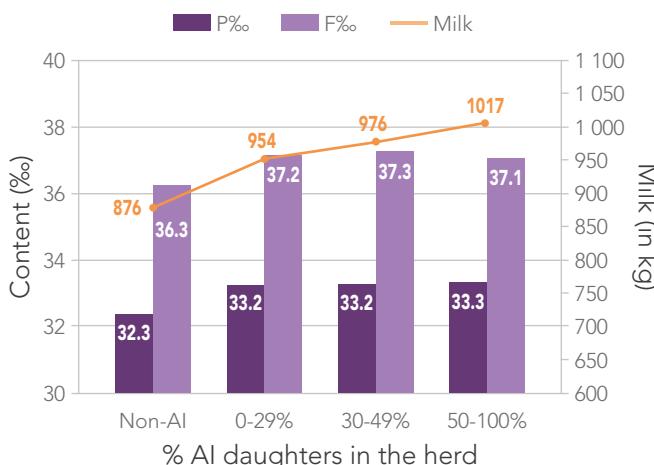
- For the selection of buck sires : young genomic bucks account for 35% of buck sires and 15% of matings
- For planned matings : genomic parentage taken into account
- Before entering the quarantine station : young bucks selection is based on their genomic index (160 males purchased out of 265 are genotyped)
- For the production of semen: the collect frequency is adapted to the genomic potential of each buck
- For the distribution of the semen : differentiated use of the straws according to the genomic potential of each buck

ECONOMIC GAINS IN PERCENTAGE OF GOATS BEING INSEMINATED

% goats born via AI	>15%	15-30%	30-45%	<45%
Number of stock herds	39	16	13	23
Number of goats /stock herd	263	277	262	232
Milk output/doe /year, in kg	798	781	850	884
Gross profit margins in €/1000L	376	374	407	435
Gross profit margins in €/per goat	296	292	342	386

Source: Goat farming network intelligence-2009 market briefing

PERFORMANCE BASED ON PERCENTAGE OF AI DAUGHTERS



Source: Capgenes 2015

世界最优秀的 育种体系

超过30年的经验



1200 计划配种/年

每年在牧场筛选

200

个人成绩测试

80

每支公羊至少有80个女儿

4年后



女儿成绩测试

40

筛选新的公羊

公告 基因组测试介入选育体 系的每一环节

自2011年用于山羊基因组测试的芯片开发以来，CAPGENES公司与其技术合作伙伴(IDELE, INRA GENPHYSE, ALLICE)共同合作来进行新的选育选配计划。

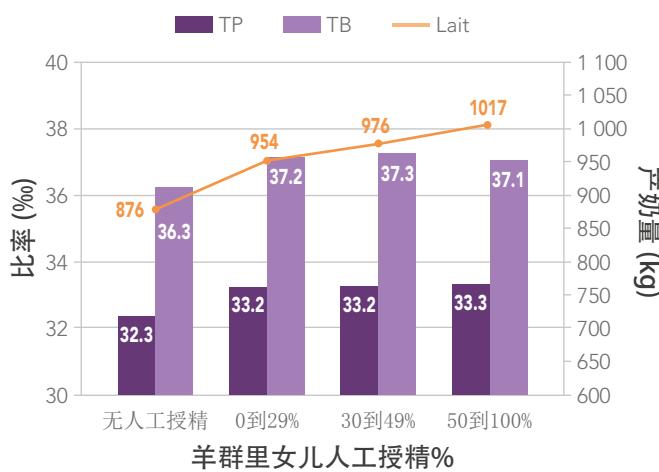
- 在选择公羊的父系时：在进行过基因组测试的青年公羊中，其父系已有35%进行了基因组测试，并且有15%参与了选配
- 在选配方案中：考虑到父母亲缘的基因组测试结果
- 在进入公羊站之前：根据每只公羊的基因组测试结果来进行筛选（在265只有基因组测试结果的公羊中挑选160只公羊）
- 在生产冻精的过程中：根据每只公羊的遗传潜力来调节采精的频率
- 在使用冻精产品的时候：根据每只公羊的遗传潜力来分别使用

对人工授精比例不同的母羊所产生的经济效益的对比

通过人工授精出生的母羊%	>15%	15 à 30%	30 à 45%	<45%
羊群数量	39	16	13	23
母羊数量 / 羊群	263	277	262	232
产奶量/羊/年 kg	798	781	850	884
毛利 € / 1000 L	376	374	407	435
毛利 € / 羊	296	292	342	386

资料来源 : Réseaux d'élevage caprin - Diapason 2009

对不同人工授精比率的女儿的成绩的对比



资料来源 : Capgènes 2015

INSEMINATION IN FRANCE KEYS TO SUCCESS

IN FRANCE, SUCCESS RATE AT FIRST AI RANKS AMONG THE BEST IN THE WORLD

	2013	2014	2015	2016	2017
Alpine (in %)	62,4	61,8	61,3	63,9	60,9
Saanen (in %)	59,8	59,6	57,4	59	58
All goats (in %)	61,36	60,92	59,74	62	59,6
AI numbers	61437	63676	63436	70857	68377

Source : Capgènes

THE SYNCHRONIZATION PROTOCOL FOR AI ON DAIRY GOATS

62% average pregnancy rate in France



THE ADVANTAGES OF CROSS BREEDING

"We started importing goat semen from France in 2005, both Saanen and Alpine breeds. At the beginning this semen was used only on local breeds that produce very little milk (0.5 kg/day over 120 days). Total milk production for local goats is between 50-150kg per year. When local goats are crossed with Saanen and Alpine the production level reaches 400kg.

Very quickly farmers saw that by crossbreeding their local goats with top quality coming from EVOLUTION International that their production levels increased and that the quality of animals was much better. Today we have several quality farms with pure Saanen and Alpine goats and the farmers are very pleased with the results with production levels of 2kg/day. They know that by using quality semen from progeny bucks that EVOLUTION International provides that they are going in the right direction for the future. Several of these farmers have received training on reproduction and goat management by myself and by experts sent from France"



Ramin (Iran)



法国人工授精和成功要素

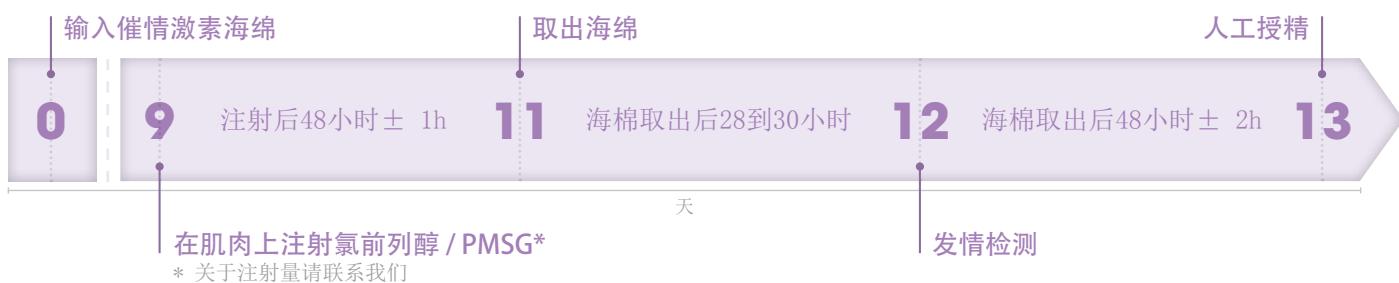
在法国, 人工授精成功率是世界上最高的国家之一

	2012	2013	2014	2015	2016
Alpina (en %)	61,5	62,4	61,8	61,3	63,9
Saanen (en %)	57,3	59,8	59,6	57,4	59
Todas as cabras (en %)	59,82	61,36	60,92	59,74	62
Número de IA	62770	61437	63676	63436	70857

资料来源: Capgènes

用于奶山羊人工授精的同步程序

在法国平均受孕率为62%



杂交优势

“ 我们从2005年开始从法国进口奶山羊冻精, 萨能和阿尔卑斯奶山羊。开始的时候, 这些冻精只用于产量很少的本地品种 (0.5千克/天 超过120天)。每年本地奶山羊的总产量在50-150千克。本地羊和萨能, 阿尔卑斯羊杂交后的产量可以达到400千克。很快的羊农们就看到和爱沃国际育种公司杂交的羊的生产水平明显提高, 羊自身的质量也有所提高. 如今我们有几个质量水平高的萨能和阿尔卑斯羊场, 羊场主对每只羊每天能够有2千克的产量很满意. 其中很多羊农都受过我或从法国派来的专家的在羊繁殖和羊群管理方面的培训 ”



Ramin (伊朗)





ALPINE / 阿尔卑斯山羊



COMPLETE / 综合指数高

Well balanced bucks with high milk production, components & keeping the udders healthy
各方面指数都比较均衡的羊，奶产量高，蛋白质含量高，乳房健康

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
HANIBAL	H157	345	97	159	140	5,2	0,8	3,1	-2,2	112	86	C130 CANIBAL	T110 TINTIN	C195 CHILI	★★★★
HOBBIO	H187	434	98	144	104	3,2	-0,2	5,3	1,9	107	106	C505 CHEEK	S113 SENIOR	U113 UMO	★★★★
HARP	H197	443	98	158	130	4,9	0,9	3,6	-1,1	105	90	B572 BUTOR	S126 SIROCCO	U514 USLON	★★★★
HAPERO	H198	333	97	134	185	3,5	-2,2	4,7	-2,2	113	101	C195 CHILI	S152 SCORE	V566 VAZA	★★★★
ILFY	I552	117	94	150	120	4,4	0,8	2,4	-1,9	102	116	D564 DOCILE	U514 USLON	V566 VAZA	★★★★
LOUPIOT	L153	92	90	146	97	4,1	0,8	1,9	-1,9	100	104	F543 FRACAS	A501 ASTUCIEUX	53636820051	★★★★
LAMY	L507	88	89	133	101	3,1	-0,3	2,4	-1,3	105	108	D194 DIDO	U514 USLON	C130 CANIBAL	★★★★
JANUS	J139	113	93	147	99	3,5	0,4	4,7	1,1	109	107	E170 EPI	V566 VAZA	E567 ELLIKO	★★★★
FETICHE	F155	283	97	127	44	1,9	0,6	2,4	1	98	102	A544 ARCACHON	N132 NESTOR	O116 OTAWA	★★★★
FRACAS	F543	841	99	130	93	3,3	0,2	-0,2	-3,9	107	85	A501 ASTUCIEUX	R141 RIQUET	8533305401	★★★★
IMPAIR	I533	97	93	126	155	2,6	-2	4,8	-0,6	108	108	C195 CHILI	S152 SCORE	51507900128	★★★★
LORGNON	L543	77	88	130	89	2,6	-0,4	3,1	-0,3	112	111	E190 ELOQUENT	V566 VAZA	B535 BIRON	★★★★
GALON	G579	606	98	117	108	1,9	-1,6	2,9	-1	102	103	B572 BUTOR	S126 SIROCCO	4925603034	★★★★
HELLY	H129	282	97	120	63	1,6	-0,4	2,7	0,4	104	107	B574 BABAKAR	S158 SUPERBON	U113 UMO	★★★★
IRONIQUE	I163	122	94	120	112	1,5	-1,8	5,3	1,4	101	104	D540 DALI	U543 ULDRAX	U578 UBALD	★★★★
IRISH	I164	68	91	121	5	1,2	1,4	1,1	1,2	99	106	D199 DUZEL	U503 ULTIMO	T521 TIGROU	★★★★
IVECO	I527	97	93	120	88	1,9	-0,8	2,4	-0,7	106	108	D540 DALI	U543 ULDRAX	U578 UBALD	★★★★
JABO	J156	86	91	121	62	2,1	0,3	0,6	-1,6	116	109	D540 DALI	U543 ULDRAX	53762990037	★★★★
JUMP	J523	88	91	121	6	0,9	0,7	3,1	3,1	105	110	E545 EDDY	S507 SOJA	E524 EGLANTIER	★★★★
LACHOSE	L572	88	89	121	33	1,2	0,3	2,8	1,6	103	112	F501 FACTOR	P540 PEPONE	C195 CHILI	★★★★
HAITI	H107	74	91	98	69	0,6	-1,9	1	-2	103	118	B574 BABAKAR	S158 SUPERBON	2686105068	★★★★
ISBA	I504	94	93	113	92	1,4	-1,3	2,5	-0,7	112	101	C108 CASCADEUR	S153 SAPHIR	16012280069	★★★★
JAKARI	J143	95	92	115	-2	0,8	1,1	0,8	1,1	99	106	E170 EPI	V566 VAZA	B568 BISKO	★★★★
JOFFREY	J501	83	91	113	55	1,9	0,4	-1,8	-3,5	114	104	E174 EAUDVY	V313 VIDOCQ	36104209095	★★★★
LAMA	L181	99	90	99	5	0,1	-0,1	-0,5	-0,6	99	100	F501 FACTOR	P540 PEPONE	E524 EGLANTIER	★★★★



MILK / 产奶量高

Selectively bred bucks for high volume milk production
选择繁殖率高的公羊以获得高产奶量

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
HOMARD	H534	223	96	151	174	4,9	-0,6	3,6	-2,8	86	95	C130 CANIBAL	T110 TINTIN	S153 SAPHIR	★★★★
JOHNSY	J583	66	89	133	106	3,1	-0,5	2,6	-1,4	93	102	E125 EFFICACE	S153 SAPHIR	V566 VAZA	★★★★
ISMAEL	I114	114	93	135	113	4	0,7	-1,2	-5	98	79	C130 CANIBAL	T110 TINTIN	U517 URGENT	★★★★
GAVROCHE	G142	426	98	124	53	1,8	0,3	2,1	0,4	102	90	V566 VAZA	P319 PRALIN	S153 SAPHIR	★★★★
GOLUM	G595	141	95	126	104	2,6	-0,5	1,7	-2,1	89	105	B535 BIRON	S153 SAPHIR	S507 SOJA	★★★★
GALA	G114	70	92	128	61	2	0	3,3	1,2	89	116	B568 BISKO	N106 NENUPHAR	U517 URGENT	★★★★
GASPER	G580	80	92	123	53	2	0,5	0,9	-1,2	83	102	V504 VAMP	O356 OLIDA	U578 UBALD	★★★★
HOOLIGAN	H535	296	97	126	115	2,5	-1,1	3,2	-0,6	98	115	C195 CHILI	S152 SCORE	4928105007	★★★★
JAM	J181	72	90	124	77	2,3	0	1,3	-1,1	91	93	C130 CANIBAL	T110 TINTIN	C195 CHILI	★★★★
JUDICIEUX	J183	71	89	124	96	2,2	-0,7	2,4	-0,9	99	100	D124 DOLMEN	U578 UBALD	36191406153	★★★★
JARECK	J585	72	90	122	42	1,5	0,1	2,8	1,4	91	97	E170 EPI	V566 VAZA	A528 ANCIEN	★★★★
LASER	L526	87	89	125	49	2	-0,1	2,7	0,6	91	96	F155 FETICHE	A544 ARCACHON	C108 CASCADEUR	★★★★
GONZALES	G555	578	98	117	96	1,9	-1,1	2,2	-1,2	96	109	B572 BUTOR	S126 SIROCCO	4927103197	★★★★
HASLEY	H503	112	94	118	60	1,7	-0,1	1,2	-0,8	95	108	C195 CHILI	S152 SCORE	V566 VAZA	★★★★
GLAUDE	G551	123	94	119	47	1,6	0,1	1,6	-0,5	91	106	U503 ULTIMO	N173 NIOLE	S153 SAPHIR	★★★★
ISUIPABO	I526	124	94	118	80	1,5	-1	3,5	0,7	96	119	D540 DALI	U543 ULDRAX	36044670017	★★★★
CHARLATAN	C565	213	97	105	47	0,9	-0,4	-0,1	-1,9	97	86	T163 TOMEUR	I519 IDEALISME	4928103006	★★★★
EDGAR	E178	758	99	110	66	1,3	-0,8	1	-1,5	93	100	U543 ULDRAX	N173 NIOLE	7930903223	★★★★
FIZZ	F513	87	93	97	89	0,2	-2,4	2,4	-0,4	90	111	V504 VAMP	O356 OLIDA	2409103032	★★★★
FURIEUX	F145	110	94	108	91	1,4	-1,3	0,9	-2,4	92	87	A544 ARCACHON	N132 NESTOR	S112 SAMOURAI	★★★★
GROMINET	G112	149	96	95	57	0,8	-1,1	-2,1	-4,6	91	103	B547 BIZUT	M150 MICHOU	U517 URGENT	★★★★
HONEY	H528	109	94	111	25	0,9	0,1	0,9	-0,1	97	113	B572 BUTOR	S126 SIROCCO	U503 ULTIMO	★★★★
HOQUET	H542	127	94	115	40	1,2	-0,1	1,6	0,5	90	101	B556 BONCHAMP	P540 PEPONE	36126908011	★★★★



ALPINE / 阿尔卑斯山羊



TYPE / 注重体型外貌

To improve the udder quality of your herd
优化羊群的乳房质量

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
FERINO	F567	734	99	123	22	1,6	1,1	1,1	0,2	104	80	A148 AUBEPIN	O500 ONEMAN	3503902035	★★★★
JESS	J168	81	91	120	22	1,7	1	-0,1	-0,8	116	92	E162 EMPEREUR	V563 VALABLE	C130 CANIBAL	★★★★
LAUREL	L127	99	90	120	32	2	1	-0,7	-2,6	116	97	E190 ELOQUENT	V566 VAZA	C108 CASCADEUR	★★★★
ESTRAGON	E541	1042	99	113	6	0,8	0,6	0,8	0,7	118	95	U113 UMO	M117 MAMMOUTO	4800903525	★★★★
IRON	I546	99	93	102	16	0,5	-0,1	-0,8	-1,6	112	86	C130 CANIBAL	T110 TINTIN	17027306011	★★★★
FLEX	F182	297	98	114	8	0,6	0,3	2,4	2,3	111	103	V504 VAMP	O356 OLIDA	S152 SCORE	★★★★
FLAGOSSE	F540	170	96	98	52	-0,2	-2	3,4	1,9	105	107	R197 REFLET	J512 458JARRI	0731605107	★★★★



COMPONENTS / 注重乳脂和乳蛋白

To produce milk rich in protein and fat
生产高乳脂和乳蛋白的羊奶

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
GITAN	G309	58	90	136	-13	1,5	2,1	3,8	5,1	96	109	B514 BO	O500 ONEMAN	U113 UMO	★★★★
HONGKONG	H536	499	98	133	-22	1,6	2,3	1,9	3	115	104	C108 CASCADEUR	S153 SAPHIR	36126908057	★★★★
JIRACHI	J586	81	91	142	47	2,9	1,7	2,5	1	95	109	E545 EDDY	S507 SOJA	B178 BLINI	★★★★
LIBERTIN	L160	66	87	139	14	2,2	1,7	3,3	3,2	97	108	E147 EXCLUSIF	U578 UBALD	36178109050	★★★★
LEROUX	L570	57	85	136	28	2,2	1,5	3	2,6	101	113	F521 FLOP	U576 UMAT	36021570396	★★★★
INTERLOCK	I506	80	92	141	-14	2	2,6	3,3	4,2	114	102	D509 DECA	U578 UBALD	U517 URGENT	★★★★
HABILE	H102	246	96	123	-34	0,7	1,9	2	3,5	114	118	C505 CHEEK	S113 SENIOR	S153 SAPHIR	★★★★
IPACHO	I311	65	90	125	0	1	1,3	3,2	3,6	117	105	D564 DOCILE	U514 USLON	S153 SAPHIR	★★★*
LUNDI	L192	102	91	124	-2	1,8	1,8	-0,2	0	95	104	F536 FEDOR	A551 AVEYRON	F521 FLOP	★★★★
DAGOBERT	D504	953	99	118	19	1,3	0,8	0,6	0	100	102	U578 UBALD	O510 ORLOFF	1225402006	★★★★
ENDURO	E122	771	99	119	-10	0,7	1,1	2,3	3	101	92	U578 UBALD	O510 ORLOFF	O116 OTAWA	★★★★
JEUDI	J129	123	94	122	-14	1	1,4	2	2,5	99	92	D509 DECA	U578 UBALD	B535 BIRON	★★★★
DICTON	D554	364	98	112	17	0,7	0,2	1,5	1	93	88	U113 UMO	M117 MAMMOUTO	4929603070	★★★★
FLAMBEUR	F108	100	94	113	19	0,7	0,2	2	1,6	92	112	P540 PEPONE	J368 461JAMBAST	S152 SCORE	★★★★





SAANEN / 萨能山羊



COMPLETE / 综合指数高

Well balanced bucks with high milk production, components & keeping the udders healthy
各方面指数都比较均衡的羊，奶产量高，蛋白质含量高，乳房健康

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
GAZETTE	G567	341	97	135	97	3,1	0,1	2,2	-1,2	104	106	U195 UFUK	O150 OKLAND	T125 TOM	★★★★
IMPARFAIT	I306	64	90	139	17	2,6	2,3	1,1	0,9	103	107	C117 CASIMIR	T190 TENNESSEE	57510970003	★★★★
HOUBLON	H550	151	94	153	101	4,2	1,1	3,3	-0,1	103	96	C111 CADBURY	T128 THOT	V101 VELOURS	★★★★
DICO	D148	1013	99	118	14	1,3	1	0,7	0,4	101	81	T125 TOM	M329 MIMOSA	O528 OLE	★★★★
DEMOCRATE	D117	1033	99	115	51	1,8	0,3	-0,6	-2,8	111	89	R185 ROMUALD	L115 LAIR	3722501118	★★★★
EBAHI	E152	577	99	114	66	1,6	-0,4	0,6	-1,9	103	93	V545 VICTORIEN	P131 PARFAIT	8503902203	★★★★
GYELEN	G168	96	93	117	72	1,6	-0,5	1,9	-0,7	102	102	V173 VIOLIN	O193 OCRYL	53766870102	★★★★
GRAHAM	G184	141	94	115	96	2,2	-0,9	0	-3,8	100	92	A166 AERODROME	R186 RADIUS	P189 PLUTOT	★★★★
HALFY	H121	165	95	120	7	1,1	1,1	1,5	1,6	100	87	B110 BAOBAB	O369 OUI OUI	U104 ULYSSE	★★★★
LOU	L115	66	87	119	14	0,7	0,3	3,6	3,9	104	106	E115 ETCETERA	U548 ULFON	G118 GULLI	★★★★
ENTETE	E560	131	94	100	78	0,5	-2	1,6	-0,9	118	99	V545 VICTORIEN	P131 PARFAIT	2302804237	★★★★
IMPOT	I158	79	91	96	39	0	-1,4	0,7	-0,7	124	114	B192 BULGARE	R119 REDOUTABLE	T190 TENNESSEE	★★★★



MILK / 产奶量高

Selectively bred bucks for high volume milk production
选择繁殖率高的公羊以获得高产奶量

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
FRISSON	F131	558	99	149	139	4,6	0,4	2,4	-2,6	82	96	V101 VELOURS	P102 POKER	R185 ROMUALD	★★★★
GEDY	G561	485	98	144	98	3,1	0,1	5,1	1,8	86	97	V545 VICTORIEN	P131 PARFAIT	U549 URANUS	★★★★
IDIEN	I117	77	92	148	123	3,9	0,1	4,3	0	92	109	D514 DOMINO	T128 THOT	13509008807	★★★★
ICY	I130	56	88	152	147	5	0,5	1,5	-3,2	88	97	B502 BALO	O165 OEILLADE	U548 ULFON	★★★★
FOULK	F103	566	98	132	83	2,1	-0,4	5,1	2,5	96	94	V105 VIADUC	P305 PICROCOLE	R185 ROMUALD	★★★★
IMALDI	I530	62	90	159	227	5,9	-1	4,1	-4,1	92	102	D117 DEMOCRATE	R185 ROMUALD	D116 DISCO	★★★★
GEPETO	G313	153	95	159	181	5,4	0,1	3,6	-2,5	82	91	V101 VELOURS	P102 POKER	7972202094	★★★★
HELMUT	H109	261	96	137	86	2,5	-0,1	5,3	2,3	98	95	C584 CONCERTO	T125 TOM	T128 THOT	★★★★
IXODE	I567	78	91	141	108	3,6	0,3	2,6	-1,2	80	110	D514 DOMINO	T128 THOT	T136 TITI	★★★★
EXUBERANT	E566	808	99	123	91	1,9	-0,9	3,4	0,2	112	105	U548 ULFON	O179 OLANO	P131 PARFAIT	★★★★
DOUDOU	D132	399	98	129	72	2	-0,2	4	1,9	97	107	U195 UFUK	O150 OKLAND	P504 PYTHAGORE	★★★★
DEO	D550	516	99	134	66	2,5	0,7	2,5	0,3	89	90	T125 TOM	M329 MIMOSA	P305 PICROCOLE	★★★★
FADSI	F581	83	92	133	59	2,3	0,6	3,1	1	89	95	A118 ATLAS	O507 OLAZ	R185 ROMUALD	★★★★
GALBI	G568	38	86	129	82	2,1	-0,7	4,4	1,6	89	99	V105 VIADUC	P305 PICROCOLE	R185 ROMUALD	★★★★
HIPPY	H169	65	89	131	88	2,2	-0,5	4,6	1,8	90	104	C111 CADBURY	T128 THOT	V105 VIADUC	★★★★
HONDURAS	H523	83	91	125	73	2,4	0,4	0,5	-2,2	95	110	B110 BAOBAB	O369 OUI OUI	S182 SCARABEE	★★★★
IMPALA	I128	64	90	125	37	1,7	0,6	2,1	0,9	92	115	C157 CRABE	T136 TITI	V105 VIADUC	★★★★
LOGIC	L170	77	88	127	55	2,1	0,6	1,7	-0,1	97	96	B177 BLANCO	O369 OUI OUI	F186 FLUOR	★★★★
ELITE	E151	137	95	118	98	2,1	-1	1,7	-2,1	94	90	T128 THOT	L115 LAIR	P131 PARFAIT	★★★★
GELUK	G593	463	98	119	110	2,1	-1,5	2,6	-1,6	94	92	A144 ACTIF	P122 PEPITO	V105 VIADUC	★★★★
HAL	H119	60	90	118	26	1,5	0,6	0,7	-0,4	94	96	V534 VENDEEN	O179 OLANO	T190 TENNESSEE	★★★★
HELLO	H148	62	89	120	120	2,6	-0,9	0,8	-3,9	93	105	B502 BALO	O165 OEILLADE	V105 VIADUC	★★★★
HEHIHEHO	H521	61	89	115	76	1,7	-0,6	1,1	-1,7	95	107	C157 CRABE	T136 TITI	P189 PLUTOT	★★★★
FAUSTO	F508	82	92	107	76	0,9	-1,5	2,3	-0,5	99	95	R119 REDOUTABLE	J130 JOJOBA	S182 SCARABEE	★★★★
HALLIL	H161	139	94	111	53	1,1	-0,3	0,7	-1	100	110	C157 CRABE	T136 TITI	U542 UKON	★★★★
DIRTY	D198	111	94	110	34	1,8	0,9	-3,3	-5,5	92	106	T125 TOM	M329 MIMOSA	1232903028	★★★★
FISTON	F171	146	95	103	86	1	-1,9	1,6	-1,7	95	100	T181 TAROT	J367 JOUFLU	1613805261	★★★★
FAUST	F172	154	95	106	10	1,1	0,9	-2,4	-3,2	98	106	A145 AJAX	P122 PEPITO	1613805261	★★★★
GOLD	G180	81	92	108	35	1,1	0	-0,5	-2	97	87	T190 TENNESSEE	J188 JAGGER	U539 URILLON	★★★★
HIPPO	H168	42	87	104	17	1,1	0,6	-2,7	-3,9	101	96	C111 CADBURY	T128 THOT	7937204097	★★★★



SAANEN / 萨能山羊



TYPE / 注重体型外貌

To improve the udder quality of your herd
优化羊群的乳房质量

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
HERMES	H117	231	96	131	-15	1,9	2,5	0,4	1,3	112	89	C117 CASIMIR	T190 TENESSEE	V101 VELOURS	★★★★
GODICHON	G521	219	97	126	15	2,1	1,6	-0,2	-0,9	122	97	A547 ARAMIS	R186 RADIUS	57044060306	★★★★
FILIPON	F167	463	98	118	-57	0,2	2,3	1,7	4,4	104	109	A118 ATLAS	O507 OLAZ	35644060149	★★★★
IMPERO	I550	77	91	120	0	1,5	1,5	-0,3	-0,5	104	95	C117 CASIMIR	T190 TENESSEE	S182 SCARABEE	★★★★
HOBY	H188	226	96	111	0	0,6	0,8	0,6	0,6	104	108	B192 BULGARE	R119 REDOUTABLE	V101 VELOURS	★★★★
ILAMOUR	I175	72	91	95	9	0	-0,4	-0,7	-1,4	104	105	C157 CRABE	T136 TITI	53780280220	★★★★
JANO	J186	59	88	105	18	1	0,5	-1,9	-2,7	106	88	D117 DEMOCRATE	R185 ROMUALD	V105 VIADUC	★★★★
HIRO	H171	75	90	96	44	-0,2	-1,7	2,2	1	113	94	C198 CLINT	M105 MACADAM	V545 VICTORIEN	★★★★
JOJOBA	J539	53	87	114	-19	0,6	1,3	0,6	1,9	106	111	B177 BLANCO	O369 OUI OUI	V105 VIADUC	★★★★



COMPONENTS / 注重乳脂和乳蛋白

To produce milk rich in protein and fat
生产高乳脂和乳蛋白的羊奶

NAME	AI CODE	NB	CD	IPC	MILK	MP	TP	MG	TB	IMC	cell.	SIRE	PGS	MGS	Price category
HENG	H134	223	96	163	28	4,3	3,4	2,5	1,6	86	99	A137 AVION	O507 OLAZ	V107 VAUTOUR	★★★★
IDOLE	I118	64	89	149	57	3	1,3	5,2	3,9	90	91	D148 DICO	T125 TOM	13509009006	★★★★
LERON	L195	64	86	134	30	2	1,4	2,9	2,5	89	91	E566 EXUBERANT	U548 ULFON	S182 SCARABEE	★★★★
IMBU	I136	87	92	140	12	2,3	2,1	3	2,5	99	82	D148 DICO	T125 TOM	V101 VELOURS	★★★★
IMIKO	I176	85	92	137	33	2,3	1,4	3,1	2,3	99	118	C157 CRABE	T136 TITI	7972202094	★★★★
ECLAIR	E107	130	95	122	26	1,3	0,7	2,4	1,8	86	93	V105 VIADUC	P305 PICROCOLE	7937204097	★★★★
HALF	H120	58	89	130	-32	0,9	1,9	3,7	5,7	99	116	B192 BULGARE	R119 REDOUTABLE	U548 ULFON	★★★★
HALLOWEN	H163	236	96	129	17	1,4	1	3,7	3,8	95	107	C584 CONCERTO	T125 TOM	V545 VICTORIEN	★★★★
HARISONA	H166	175	95	131	22	1,6	1,1	3,6	3,2	92	98	V105 VIADUC	P305 PICROCOLE	2606004032	★★★★
ISTANBUL	I139	80	91	130	-6	1,9	2	0,9	1,2	104	94	C117 CASIMIR	T190 TENESSEE	R186 RADIUS	★★★★
IRO	I528	113	94	131	-15	1,9	2,4	0,8	1,4	100	95	D148 DICO	T125 TOM	19568807048	★★★★
BISCUIT	B189	825	99	122	-1	0,7	1	3,4	4,2	77	100	P305 PICROCOLE	J130 JOJOBA	79E8900164	★★★★
INDIEN	I312	62	90	118	11	1,3	0,9	0,7	0,4	95	94	C157 CRABE	T136 TITI	T125 TOM	★★★★
LARRON	L169	64	86	116	18	0,8	0,2	2,6	2,2	100	112	D156 DAKAR	U549 URANUS	57027306184	★★★★
LIMPIDE	L150	42	82	114	9	0,5	0,4	2,5	2,7	91	106	F186 FLUOR	A145 AJAX	P102 POKER	★★★★
SUPERCOOL	S183	1040	99	108	2	0,3	0,4	0,9	1,2	83	89	J199 JUMP	E118 ELICO	F119 FARFELU	★★★★
VIOLIN	V173	240	97	107	9	-0,1	-0,4	3,1	3,4	94	111	O193 OCRYL	F369 FUSAIN	4112298080	★★★★





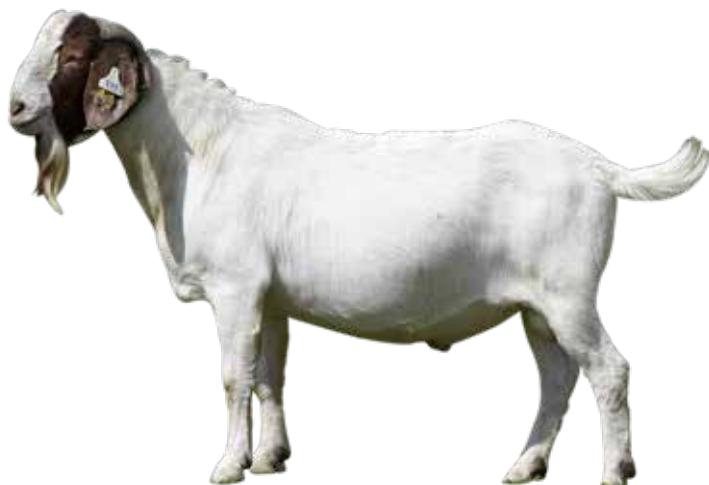
BOER / 波尔山羊

THE BOER BREED

Boer is a highly meat productive goat. They are very fast growing, high fertility rate & docile breed. They are hardy & can adapt themselves with almost any types of weather & climate. Our new offerings can be used for pure or on your local breeds.

波尔山羊

波尔羊有很高的产肉能力，母羊有生长速度快，繁殖力高和性格温顺的特性。它们广适性强，能够适应几乎所有的气候和温度。我们的波尔羊可以用来和本种羊交配或和其它品种杂交。



MANITU

MOMO
KALAHARI

Code IA / 人工授精编码 E733
Code / 号码 FR57662490003
Birthday / 生日 06/12/2008

BIRTH WEIGHT
出生重
4.6 kg

WEIGHT 90 DAYS
90日龄重
24.2 kg

ADULT WEIGHT
成年重
78 kg

AVERAGE PERFORMANCES OF 18 SONS 18个儿子的平均成绩

BIRTH WEIGHT 出生重 3.3 kg (+/- 0.9 kg)	WEIGHT 70 DAYS 70日龄重 15.7 kg (+/- 4.5 kg)
---	--



MIRCO

MOMO
KIRA

Code IA / 人工授精编码 E732
Code / 号码 FR57662490002
Birthday / 生日 06/12/2008

BIRTH WEIGHT
出生重
4.4 kg

WEIGHT 90 DAYS
90日龄重
17.5 kg

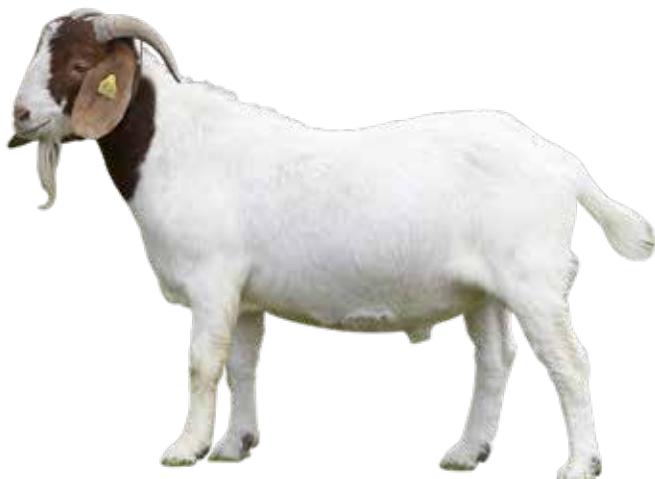
ADULT WEIGHT
成年重
85 kg

AVERAGE PERFORMANCES OF 34 SONS 34个儿子的平均成绩

BIRTH WEIGHT 出生重 3.2 kg (+/- 0.9 kg)	WEIGHT 70 DAYS 70日龄重 14.1 kg (+/- 3.2 kg)
---	--



BOER / 波尔山羊



MIX

SENDEROS

KINA

Code IA / 人工授精编码 : E738

Code / 号码 : FR57662400003

Birthday / 生日 : 25/02/2010

BIRTH WEIGHT

出生重

5.2 kg

WEIGHT 90 DAYS

90日龄重

22.1 kg

ADULT WEIGHT

成年重

76 kg

AVERAGE PERFORMANCES OF 28 SONS

28个儿子的平均成绩

BIRTH WEIGHT

出生重

3.4 kg (+/- 0.4 kg)

WEIGHT 70 DAYS

70日龄重

14.2 kg (+/- 4.0 kg)



DONI

NOBIS

LADY

Code IA / 人工授精编码 : E735

Code / 号码 : FR57662400004

Birthday / 生日 : 21/12/2009

BIRTH WEIGHT

出生重

4.8 kg

WEIGHT 90 DAYS

90日龄重

23.6 kg

ADULT WEIGHT

成年重

81 kg

AVERAGE PERFORMANCES OF 12 SONS

12个儿子的平均成绩

BIRTH WEIGHT

出生重

2.9 kg (+/- 0.7 kg)

WEIGHT 70 DAYS

70日龄重

15.0 kg (+/- 3.5 kg)



ISOGONE

MACGREGORS
DAMON
AMANI POPPY

Code IA / 人工授精编码 : I740

Code / 号码 : FR53636830361

Birthday / 生日 : 12/02/2013

BIRTH WEIGHT

出生重

5.5 kg

WEIGHT 90 DAYS

90日龄重

19.8 kg

ADULT WEIGHT

成年重

81 kg

GET TRAINED IN INSEMINATION TO OPTIMIZE YOUR GENETIC INVESTMENT



5 DAYS TRAINING :
FROM AUGUST 28TH TO SEPTEMBER 1ST 2017

Day 1	Day 2	Day 3	Day 4	Day 5
CAPGENES	THEORY anatomy factors, physiology factors, season factors			PRACTICING heat synchro, Heat syncro with hormonal treatment, Code AI Material, Herd organization for Insemination, inseminations, echography

TRAINING ON CHEESE & MILK TECHNICS



HERD MANAGEMENT STRATEGY



4 DAYS TRAINING

Day 1	Day 2	Day 3	Day 4
THEORY Knowledges of raw material, steps of preparation of the milk, scientific and technological approach for the cheeses...		PRACTICING Milk : initiation to cheese production. Cheese : technologies of goat cheeses (thin paste, fresh pasta filata cheeses, melted cheeses...)	

"With my past experiences in working with breeders in France and in managing my own goat farm, I bring practical solutions which are adaptable & realistic for the livestock farmers across the World. These training will bring improvements: in the organization of the day to day work & the performances of the herd.".



Olivier DANEL

PLEASE CONTACT EVOLUTION INTERNATIONAL TO MAKE AN APPOINTMENT



通过人工授精的培训来在最大程度上优化基因产品的投入



5天的技术培训

第一天	第二天	第三天	第四天	第五天
CAPGENES	基础知识 (解剖学, 生理学, 季节性)		实际操作 (同期发情, 使用激素同期发情, 人工授精工具, 人 工授精时怎样组织羊群, 人工授精, B超)	

奶制品 & 奶酪制作4天 培训

羊群管理



4天培训

第一天	第二天	第三天	第四天
理论		实践	
对原料的了解, 羊奶的准备工作, 对奶酪科学 & 技术的了解 ...		羊奶 : 对奶制品基础知识的实践 奶酪 : 奶山羊奶酪的制作技术	

“ 通过以往我对法国羊农的培训经验
和在我自己的羊场的管理经验,
我能够给世界上所有的羊农提供即
实际又实用的解决方案. ”



Olivier DANEL

预约请联系爱沃国际育种公司 EVOLUTION
INTERNATIONAL



EVOLUTION

International



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GENETIC
基因遗传物质

TECHNICAL EXPERTISE
技术鉴定

TRAINING
技术培训

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世界第一



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