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Results for the years 2010 - 2011



Yearly enquiry on the situation of **GOAT MILK RECORDING** in ICAR member countries

INTERNATIONAL COMMITTEE FOR ANIMAL RECORDING

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ICAR Goat Milk Enquiry

Table 1 - Basic information on population, recording methods and percentages (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Dairy sheep breeds or populations recorded in ICAR member countries				Milk yield: methods and recording intervals (according to international regulations for milk recording in sheep)				Information on the management of the flocks subject to official milk recording			Breeds or populations recorded in ICAR member countries in other type of milk recording			
			Size of the population (Estimation)		Recorded population		Percentage of A4, A5, A6, B4, B5, B6, C4, C5, C6 (precise if necessary)	Percentage of AT, BT, CT (precise if necessary)	Percentage of AC, BC, CC (precise if necessary)	Percentage of E4, E5, E6, ET, EC (precise if necessary)	Breeding system (1) Milking from kidding (2) Milking after a suckling period	If system 2). Average length of the suckling period (in days)	Percentage of official recorded flocks in machine milking	Size of the population (Estimates)		Recorded population (Estimation)	
			Number of flocks	Number of goats	Number of flocks	Number of goats								Number of flocks	Number of goats	Number of flocks	Number of goats
2010	Canada	All breeds			46	7,227											
2011	Canada	All breeds			51	9,594											
2011	Croatia	Alpine	300	15,000	115	7,590	14.7% B4	85.3% AT		2	34						
2010	Croatia	Alpine-French	300	15,000	141	8,893	14.1% B4	85.9% AT		2	30						
2010	Croatia	German Improved Fawn Goat	12	500	6	237		100% AT		2	69						
2010	Croatia	Saanen	50	3,000	23	1,165		100% AT		2	41						
2011	Croatia	Saanen	50	3,000	15	799		100% AT		2	40						
2010	Czech Republic	Anglo Nubian				52		AT			40						
2011	Czech Republic	Anglo Nubian				91		AT			40						
2010	Czech Republic	Brown Goat				964		AT			40						
2011	Czech Republic	Brown Goat				881		AT			40						
2010	Czech Republic	Cross Breeds				243		AT			40						
2011	Czech Republic	Cross Breeds				222		AT			40						
2010	Czech Republic	White Goat				2,223		AT			40						
2011	Czech Republic	White Goat				2,187		AT			40						
2011	Portugal	Algarvia	54	3,900	13	441	100% A4			2) 100%	50	0					
2011	Portugal	Serpentina	29	4,309	11	1,831	100% A4			2) 100%	52	40					
2011	Portugal	Serrana	213	14,650	175	9,924	100% A4			2) 100%	51	30					

ICAR Goat Milk Enquiry

Table 1 - Basic information on population, recording methods and percentages (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Dairy sheep breeds or populations recorded in ICAR member countries				Milk yield: methods and recording intervals (according to international regulations for milk recording in sheep)				Information on the management of the flocks subject to official milk recording			Breeds or populations recorded in ICAR member countries in other type of milk recording			
			Size of the population (Estimation)		Recorded population		Percentage of A4, A5, A6, B4, B5, B6, C4, C5, C6 (precise if necessary)	Percentage of AT, BT, CT (precise if necessary)	Percentage of AC, BC, CC (precise if necessary)	Percentage of E4, E5, E6, ET, EC (precise if necessary)	Breeding system (1) Milking from kidding (2) Milking after a suckling period	If system 2). Average length of the suckling period (in days)	Percentage of official recorded flocks in machine milking	Size of the population (Estimates)		Recorded population (Estimation)	
			Number of flocks	Number of goats	Number of flocks	Number of goats								Number of flocks	Number of goats	Number of flocks	Number of goats
2010	Slovak Republic	White shorthaired goat			3	412			AC 100 %		2	40	95				
2011	Slovak Republic	White shorthaired goat			4	430			AC 100%		2	40	95				
2010	Slovenia	Dreznica goat	10	600	7	180		100% AT4			2	54					
2011	Slovenia	Drežnica goat	10	600	7	499		100% AT4			1 and 2	63					
2010	Slovenia	Slovenian Alpine goat	70	5,000	21	1,450		100% AT4			1 and 2	48					
2011	Slovenia	Slovenian Alpine goat	70	5,000	15	1,364		100% AT4			1 and 2	59					
2010	Slovenia	Slovenian Saanen goat	40	2,500	8	480		100% AT4			1 and 2	35					
2011	Slovenia	Slovenian Saanen goat	40	2,500	6	547		100% AT4			1 and 2	53					
2010	Spain	Florida	54	16,518	39	15,353	38% A4, 62% AT4	62%AT4			1		100				
2011	Spain	Florida	58	2,2148	38	13,900	A6 (84%), A4 (16%)	AT (72%)			1		100				
2010	Spain	Guadarrama			32	8,032	A6				2	45	98				
2011	Spain	Guadarrama	28	8,627	28	7,000	A6 100%	20			2	35	93				
2010	Spain	Majorera			57	1,873	A6 100%				2		100				
2011	Spain	Majorera			49	1,762	A6 100%				2		100				
2011	Spain	Malagueña	1,800	250,000	35	12,500	10% A4, 90% A6	70% A4, A6; 30% AT4, AT6			1		95				
2011	Spain	Murciana Granadina	241	119,163	241	11,9163	A4 (22.25%). A6 (68.93%)				1		100				
2010	Spain ¹	Murciano Granadina	240	140,514	227	12,2368	66.7 (A6). 33.3 (A4)				1		100				

¹ Data are from the two associations officially recognized for the breeding programme.



ICAR Goat Milk Enquiry

Table 1 - Basic information on population, recording methods and percentages (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Dairy sheep breeds or populations recorded in ICAR member countries				Milk yield: methods and recording intervals (according to international regulations for milk recording in sheep)				Information on the management of the flocks subject to official milk recording			Breeds or populations recorded in ICAR member countries in other type of milk recording			
			Size of the population (Estimation)		Recorded population		Percentage of A4, A5, A6, B4, B5, B6, C4, C5, C6 (precise if necessary)	Percentage of AT, BT, CT (precise if necessary)	Percentage of AC, BC, CC (precise if necessary)	Percentage of E4, E5, E6, ET, EC (precise if necessary)	Breeding system (1) Milking from kidding (2) Milking after a suckling period	If system 2). Average length of the suckling period (in days)	Percentage of official recorded flocks in machine milking	Size of the population (Estimates)		Recorded population (Estimation)	
			Number of flocks	Number of goats	Number of flocks	Number of goats								Number of flocks	Number of goats	Number of flocks	Number of goats
2010	Spain	Palmera			22	595	A6 100%										
2011	Spain	Palmera			13	284	A6 100%										
2010	Spain	Payoya	30	92,00	22	6,472	A4 68%	AT4 32%				95					
2011	Spain	Payoya	36	9,059	20	6,040	A6 100%	AT 20%				95					
2010	Spain	Tinerfeña			35	1,258	A6 100%										
2011	Spain	Tinerfeña			25	865	A6 100%										



Table 2 - Milk yield: type of lactation calculation (quantity of milk) + Milk yield: results (quantity of milk) (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Lactation calculation				Production of reference (for lactation)		Average milk yield per recorded ewe (length)		
			TSMM (Yes/No)	TMM (Yes/No)	TMY (Yes/No)	TSMM (Yes/No)	TMM (Yes/No) If yes, standard length (days)	TMY (Yes/No) If yes, standard length (days)	Yearlings (12-18 months)	Adults (> 18 months)	All goats
2011	Croatia	Alpine	Yes	Yes	No	No	No	No	373.0	569.3	510
2010	Croatia	Alpine-French	Yes	Yes	No	No	No	No	437.1	578.0	540
2010	Croatia	German Improved Fawn Goat	Yes	Yes	No	No	No	No	399.8	379.1	382
2010	Croatia	Saanen	Yes	Yes	No	No	No	No	493.8	593.1	569
2011	Croatia	Saanen	Yes	Yes	No	No	No	No	493.8	700.0	671
2010	Czech Republic	Anglo Nubian									691
2011	Czech Republic	Anglo Nubian									877
2010	Czech Republic	Brown Goat									825
2011	Czech Republic	Brown Goat									839
2010	Czech Republic	Cross Breeds									691
2011	Czech Republic	Cross Breeds									747
2010	Czech Republic	White Goat									714
2011	Czech Republic	White Goat									688
2011	Portugal	Algarvia	Yes	No	No	Yes 150	No	No	129.0	199.0	193
2011	Portugal	Serpentina	Yes	No	No	Yes 150	No	No	81.0	149.0	142
2011	Portugal	Serrana	Yes	No	No	Yes 150	No	No	149.0	149.0	149
2010	Slovak Republic	White shorthaired goat	No	Yes	No	No	Yes 240				479
2011	Slovak Republic	White shorthaired goat	No	Yes	No	No	Yes 240				401

Table 2 - Milk yield: type of lactation calculation (quantity of milk) + Milk yield: results (quantity of milk) (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Lactation calculation				Production of reference (for lactation)		Average milk yield per recorded ewe (length)		
			TSMM (Yes/No)	TMM (Yes/No)	TMY (Yes/No)	TSMM (Yes/No)	TMM (Yes/No) If yes, standard length (days)	TMY (Yes/No) If yes, standard length (days)	Yearlings (12-18 months)	Adults (> 18 months)	All goats
2010	Slovenia	Dreznica goat	Yes	Yes	Yes	No	No	No			TSMM 345 kg. TMM 232 kg. suckled 113 kg. lactation length 203 days
2011	Slovenia	Dreznica goat	Yes	Yes	Yes	No	No	No			TSMM 355 kg. TMM 255 kg. suckled 100 kg. lactation length 200 days
2010	Slovenia	Slovenian Alpine goat	Yes	Yes	Yes	No	No	No			TSMM 415 kg. TMM 303 kg. suckled 111 kg. lactation length 225 days
2011	Slovenia	Slovenian Alpine goat	Yes	Yes	Yes	No	No	No			TSMM 468 kg. TMM 386 kg. suckled 82 kg. lactation length 243 days
2010	Slovenia	Slovenian Saanen goat	Yes	Yes	Yes	No	No	No			TSMM 459 kg. TMM 344 kg. suckled 115 kg. lactation length 247 days
2011	Slovenia	Slovenian Saanen goat	Yes	Yes	Yes	No	No	No			TSMM 407 kg. TMM 314 kg. suckled 94 kg. lactation length 251 days
2010	Spain	Florida	No	No	Yes	No	No	Yes (240 days). 450	405.0	571.0	487
2011	Spain	Florida	No	No	Yes			Yes, 240 days	377.3	479.1	447
2010	Spain	Guadarrama	No	Yes	No		210 DAYS		137.4	284.6	245
2011	Spain	Guadarrama	No	Yes	No	No	Yes 210 DAYS	No	247.6	327.7	312
2010	Spain	Majorera	No	No	Yes	No	No	Yes: 150 (P1)- 210 (P2+)	418.0	515.8	466

Table 2 - Milk yield: type of lactation calculation (quantity of milk) + Milk yield: results (quantity of milk) (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Lactation calculation				Production of reference (for lactation)		Average milk yield per recorded ewe (length)		
			TSMM (Yes/No)	TMM (Yes/No)	TMY (Yes/No)	TSMM (Yes/No)	TMM (Yes/No) If yes, standard length (days)	TMY (Yes/No) If yes, standard length (days)	Yearlings (12-18 months)	Adults (> 18 months)	All goats
2011	Spain	Majorera	Yes	No	No	Yes: 150 days (parity 1) 210 days (parity 2 or grater)	No	No	437.6	518.3	477
2011	Spain	Malagueña	No	No	Yes	No	No	Yes/274 days	377.0	548.0	505
2011	Spain ¹	Murciana Granadina	No	No	Yes	No	No	150 days (first kidding); 210 days (consecutive kiddings)	245.6	448.4	384
2010	Spain ¹	Murciano Granadina	No	No	Yes	No	No	150 days (first kidding); 210 or 240 days (consecutive kiddings)	255.8	473.5	364
2010	Spain	Palmera	No	No	Yes	No	No	Yes: 150 days (parity 1) 210 days (parity 2 or grater)	370.0	419.0	394
2011	Spain	Palmera	Yes	No	No	Yes: 150 days (parity 1) 210 days (parity 2 or grater)	No	No	320.5	376.0	356
2010	Spain	Payoya	No	Yes	No	No	Yes; 202 days (yearlings)- 232 days (adult goats)	No	216.0	341.0	278
2011	Spain	Payoya	No	Yes	No	No	Yes. 150 days first kidding; 240 days consecutive kiddings	No			

¹ Data from two associations



Table 2 - Milk yield: type of lactation calculation (quantity of milk) + Milk yield: results (quantity of milk) (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Lactation calculation				Production of reference (for lactation)		Average milk yield per recorded ewe (length)		
			TSMM (Yes/No)	TMM (Yes/No)	TMY (Yes/No)	TSMM (Yes/No)	TMM (Yes/No) If yes, standard length (days)	TMY (Yes/No) If yes, standard length (days)	Yearlings (12-18 months)	Adults (> 18 months)	All goats
2010	Spain	Tinerfeña	No	No	Yes	No	N	Yes: 150 days (parity 1) 210 days (parity 2 or grater)	365.5	408.0	397
2011	Spain	Tinerfeña	Yes	No	No	Yes: 150 days (parity 1) 210 days (parity 2 or grater)	No	No	310.1	429.1	416



Table 3 - Optional tests for milk composition (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Categories or classes of age or parity concerned (number of ewes in the reference year)	Method used for recording milk composition ¹	Milk analysis in laboratory Fat content (Yes/No) Protein content (Yes/No) Somatic Cells Counts (Yes/No) Other analysis (Lactose... Describe it)
2011	Croatia	Alpine	4,979	AT	Fat content (Yes) 3,85%, Protein content (Yes) 3,01%, Somatic Cells Counts (Yes) , Lactose(Yes) 4,19%
2010	Croatia	Alpine-French	5,486	AT	Fat content (Yes) 3,45%, Protein content (Yes) 3,05%, Somatic Cells Counts (Yes) , Lactose(Yes) 4,19%
2010	Croatia	German Improved Fawn Goat	132	AT	Fat content (Yes) 3,28%, Protein content (Yes) 3,08%, Somatic Cells Counts (Yes) , Lactose(Yes) 4,12%
2010	Croatia	Saanen	708	AT	Fat content (Yes) 3,37%, Protein content (Yes) 2,99%, Somatic Cells Counts (Yes) , Lactose(Yes) 3,98%
2011	Croatia	Saanen	621	AT	Fat content (Yes) 3,24%, Protein content (Yes) 2,97%, Somatic Cells Counts (Yes) , Lactose(Yes) 3,98%
2010	Czech Republic	All Breeds		AT, ET	Yes-Fat, Protein, Somatic Cells Counts, Lactose
2011	Czech Republic	All Breeds		AT, ET	Yes-Fat, Protein, Somatic Cells Counts, Lactose
2011	Portugal	Algarvia		A4	No
2011	Portugal	Serpentina		A4	Fat content (Yes) Protein content (Yes) SCC (Yes) Lactose (Yes) Dry Matter (Yes)
2011	Portugal	Serrana		A4	No
2010	Slovak Republic	White shorthaired goat	Parity 1 to 3, 412 goats	AC	Fat content Yes, Protein content Yes, Somatic Cells No, Other analysis (Lactose)
2011	Slovak Republic	White shorthaired goat	Parity 1 to 3, 430 goats	AC	Fat content Yes, Protein content Yes, Somatic Cells No, Other analysis (Lactose)
2010	Slovenia	Dreznica goat	All milk does under control	AT4	Fat content (Yes) , Protein content (Yes) , Lactose (Yes) , Somatic Cell Count (Yes) , Urea (Yes)
2011	Slovenia	Dreznica goat	All milk does under control	AT4	Fat content (Yes) , Protein content (Yes) , Lactose (Yes) , Somatic Cell Count (Yes) , Urea (Yes)
2010	Slovenia	Slovenian Alpine goat	All milk does under control	AT4	Fat content (Yes) , Protein content (Yes) , Lactose (Yes) , Somatic Cell Count (Yes) , Urea (Yes)
2011	Slovenia	Slovenian Alpine goat	All milk does under control	AT4	Fat content (Yes) , Protein content (Yes) , Lactose (Yes) , Somatic Cell Count (Yes) , Urea (Yes)
2010	Slovenia	Slovenian Saanen goat	All milk does under control	AT4	Fat content (Yes) , Protein content (Yes) , Lactose (Yes) , Somatic Cell Count (Yes) , Urea (Yes)
2011	Slovenia	Slovenian Saanen goat	All milk does under control	AT4	Fat content (Yes) , Protein content (Yes) , Lactose (Yes) , Somatic Cell Count (Yes) , Urea (Yes)



Table 3 - Optional tests for milk composition (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Categories or classes of age or parity concerned (number of ewes in the reference year)	Method used for recording milk composition ¹	Milk analysis in laboratory Fat content (Yes/No) Protein content (Yes/No) Somatic Cells Counts (Yes/No) Other analysis (Lactose... Describe it)
2010	Spain	Florida		A4	Fat content (Yes) , protein content (Yes) SCS (Yes) lactose (Yes) , dry matter (Yes)
2011	Spain	Florida		A4, A6, AT4, AT6	Fat, protein, SCS, lactose
2010	Spain	Guadarrama		A6	Yes
2011	Spain	Guadarrama		A6	Fat, protein, SCS, lactose, dry matter
2010	Spain	Majorera		A6	Fat content (Yes) , protein content (Yes), lactose (Yes) , SCS (Yes)
2011	Spain	Majorera		A6	Fat content (Yes) , protein content (Yes) SCS (Yes), lactose (Yes) , dry matter (Yes)
2011	Spain	Murciana Granadina		A6, AT4	Fat, protein, SCS, lactose, dry matter
2010	Spain	Palmera		A6	Fat content (Yes) , protein content (Yes), lactose (Yes) , SCS (Yes)
2011	Spain	Palmera		A6	Fat content (Yes) , protein content (Yes) SCS (Yes) lactose (Yes) , dry matter (Yes)
2010	Spain	Payoya		A4, AT4	Fat content (Yes) , protein content (Yes) , lactose (Yes) , SCS (Yes)
2010	Spain	Tinerfeña		A6	Fat content (Yes) , protein content (Yes) , lactose (Yes) , SCS (Yes)
2011	Spain	Tinerfeña		A6	Fat content (Yes) , protein content (Yes) SCS (Yes) lactose (Yes), dry matter (Yes)

Table 4 - Recording of non-milking traits (Years 2010 and 2011)

Year	Country	Breed or population	Reproductive traits, weights and growths, udder score, longevity			
			Traits	On-farm recording (Yes/No)	Breeding evaluation (Yes/No)	Use in selection (Yes/No)
2011	Croatia	Alpine	Reproductive traits and birth weight (10 years, number of controlled goat in 2011:5821)	Yes	Yes	Yes
2010	Croatia	Alpine-French	Reproductive traits and birth weight (10 years, number of controlled goat in 2010:6875)	Yes	Yes	Yes
2010	Croatia	German Improved Fawn Goat	Reproductive traits and birth weight (10 years, number of controlled goat in 2010:188)	Yes	Yes	Yes
2010	Croatia	Saanen	Reproductive traits and birth weight (10 years, number of controlled goat in 2010:875)	Yes	Yes	Yes
2011	Croatia	Saanen	Reproductive traits and birth weight (10 years, number of controlled goat in 2011: 610)	Yes	Yes	Yes
2010	Czech Republic	All Breeds	Weight, reproductive traits	Yes - Weight, reproductive traits		Yes -Weight, reproductive traits
2011	Czech Republic	All Breeds	Weight, reproductive traits	Yes - Weight, reproductive traits		Yes - Weight, reproductive traits
2011	Portugal	Algarvia	Udder score, Longevity, Prolificity	Yes	No	No
2011	Portugal	Serpentina	Udder score, Longevity, Prolificity	Yes	No	No
2011	Portugal	Serrana	Udder score, Longevity, Prolificity	Yes	Yes	Yes
2010	Slovak Republic	White shorthaired goat	Reproductive traits, weight	Yes	No	Yes
2011	Slovak Republic	White shorthaired goat	Reproductive traits, weight	Yes	No	Yes
2011	Slovenia	All goats recorded	Litter size and other data on reproductive cycle, daily gain to weaning (on farm)	Yes	No	Yes
2010	Slovenia	Dreznica goat	Litter size and other data on reproductive cycle, daily gain to weaning (on farm)	Yes	No	Yes
2010	Slovenia	Slovenia Saanen goat	Litter size and other data on reproductive cycle, daily gain to weaning (on farm)	Yes	No	Yes
2010	Slovenia	Slovenian Alpine goat	Litter size and other data on reproductive cycle, daily gain to weaning (on farm)	Yes	No	Yes
2010	Spain	Florida	Udder score since 2005. 90 goats in 2010	Yes	Yes	Yes
2011	Spain	Florida	Udder score since 2005. (232 goats in 2011)	Yes	Yes	Yes
2011	Spain	Guadarrama	Reproductive and udder score traits	Yes	No	Yes - Udder score
2010	Spain	Majorera	No	No	No	No
2011	Spain	Majorera	No	No	No	No
2010	Spain	Malagueña	Milk traits	Yes	Yes	Yes
2011	Spain	Malagueña	Reproductive traits (number of kidding, prolificity)	Yes - Reproductive traits	Yes - Reproductive traits	Yes - Reproductive traits

Table 4 - Recording of non-milking traits (Years 2010 and 2011)

Year	Country	Breed or population	Reproductive traits, weights and growths, udder score, longevity			
			Traits	On-farm recording (Yes/No)	Breeding evaluation (Yes/No)	Use in selection (Yes/No)
2011	Spain	Murciana Granadina	Reproductive and udder score traits	Yes	No	Yes
2010	Spain	Palmera	No	No	No	No
2011	Spain	Palmera	No	No	No	No
2010	Spain	Payoya	Reproductive traits (since 2000), udder score (since 2005), longevity (since 2000)	Yes	Yes - Reproductive traits	Yes
2010	Spain	Tinerfeña	No	No	No	No
2011	Spain	Tinerfeña	No	No	No	No

Table 5 - Milk recording equipment used in case of machine milking (Years 2010 and 2011)

Year	Country	Breed or population (Name)	Use of jars			Use of milk meters		
			Name of the manufacturer	Measurement (weight/volume) Sampler (yes/no)	Approximate number in use	Name of the manufacturer	Measurement (weight/volume) Sampler (yes/no)	Approximate number in use
2011	Croatia	Alpine	"Cartel" Germany	Measurement - Volume, Sampler - (No)	45			
2010	Croatia	Alpine-French	"Cartel" Germany	Measurement - Volume, Sampler - (No)	45			
2010	Croatia	German Improved Fawn Goat	"Cartel" Germany	Measurement - Volume, Sampler - (No)	6			
2010	Croatia	Saanen	"Cartel" Germany	Measurement - Volume, Sampler - (No)	11			
2011	Croatia	Saanen	"Cartel" Germany	Measurement - Volume, Sampler - (No)	11			
2011	Portugal	Serpentina		Volume sampler (Yes)				
2011	Portugal	Serrana		Volume sampler (Yes)				
2010	Slovak Republic	White shorthaired goat	Fisher Slovakia	Volume, sampler (No)	5	Tru-Test	Weight, sampler (No)	12
2011	Slovak Republic	White shorthaired goat	Fisher Slovakia	Volume, sampler (No)	5	Tru-Test	Weight, sampler (No)	12
2010	Slovenia	All milk breeds				True-test, Waikato	Weight	25
2011	Slovenia	All milk breeds				True-test, Waikato	Weight	25
2010	Spain	Florida				Tru-Test	Weight. Yes	16
2011	Spain	Florida				Tru-Test	Weight/Sampler (Yes)	16
2011	Spain	Guadarrama				Alfa Laval	Weight/Sampler (Yes)	12
2010	Spain	Majorera				Tru-Test	Volume (Yes)	64
2011	Spain	Majorera				Tru-Test	Volume (Yes)	64
2010	Spain	Malagueña				Tru-Test	Weight	40
2011	Spain	Malagueña				Tru-Test	Weight/Sampler (Yes)	40
2011	Spain	Murciano Granadina				Tru-Test, De Laval, Westfalia, Manovac, Flaco	Volume/Sampler (Yes)	370
2010	Spain	Palmera				Tru-Test	Volume (Yes)	18
2011	Spain	Palmera				Tru-Test	Volume (Yes)	18
2010	Spain	Payoya				Tru-Test Limited	Weight; Sampler (Yes)	20
2010	Spain	Tinerfeña				Tru-Test	Volume (Yes)	24
2011	Spain	Tinerfeña				Tru-Test	Volume (Yes)	24

Table 6 - Breeding program using artificial insemination (Years 2010 and 2011)

Year	Country	Breed or population	AI		Selection criteria	Progeny test	
			Fresh semen	Frozen semen		AI progeny-tested rams per year	Number of AI per progeny-tested ram
2011	Croatia	Alpine		Yes	Yes		
2010	Croatia	Alpine-French		Yes	Yes		
2010	Croatia	Saanen		Yes	Yes		
2011	Croatia	Saanen		Yes	Yes		
2011	Portugal	Serrana	Yes				
2011	Spain	Palmera	No	No		0	
2010	Slovenia	All milk breeds	No	No	No	No	
2011	Slovenia	All milk breeds	No	No	No	No	
2010	Spain	Florida	533	No	Genetic evaluation and lineal scoring	2	90
2011	Spain	Florida	810	25	Genetic evaluation and lineal scoring	4	150-200
2011	Spain	Guadarrama	50	0	Genetic value and morphology of goats/morphology of bucks		
2010	Spain	Majorera	No	No	No	0	
2011	Spain	Majorera	No	No		0	
2010	Spain	Malagueña	1,242	0	Milk production	5	100-120
2011	Spain	Malagueña	1,725		Genetic value and morphology of goats/morphology of bucks	10 ^{**} /131 ^{*1}	200
2011	Spain ²	Murciana Granadina	4,949	1,359	Production	24	200
2010	Spain	Palmera	No	No	No	0	
2010	Spain	Payoya		291 semen doses	Life milk production	3 each 2 years	205
2010	Spain	Tinerfeña	Yes	No	Casein genotyping	0	
2011	Spain	Tinerfeña	Yes	No	Casein genotyping	0	0

¹ *Number of genetically tested bucks (any reliability). ** Number of genetically tested bucks (reliability over 70%)

² Only include data from one of the two associations existing



Table 7 - Molecular information (Years 2010 and 2011)

Year	Country	Breed or population	Type of genotyping	Number of analysis, Number of flocks involved	Use in experimental program	Effective use in selection program
2010	Croatia	Croatian coloured goat	Filiation tests	40, 3 flocks	Yes	No
2011	Portugal	Algarvia	Filiation tests (9 markers)	FT 188/54	No	Yes
2011	Portugal	Serpentina	Filiation tests (9 markers)	FT 690/29	No	Yes
2011	Portugal	Serrana	Filiation tests (9 markers)	FT 300/213	No	Yes
2010	Slovenia	All milk breeds			No	No
2011	Slovenia	All milk breeds			No	No
2010	Spain	Florida	Filiation test (19 markers)	2,087 (32 flocks involved)	No	Yes
2011	Spain	Florida	Filiation test (19 markers)	2,239 (35 flocks involved)	Yes	Yes
2011	Spain	Guadarrama	Filiation test	3,000	No	Yes
2010	Spain	Majorera	None	0	No	
2011	Spain	Majorera	None	0	No	No
2010	Spain	Malagueña	Filiation test (19 markers)	1,822 (32 flocks involved)		Yes 1,822
2011	Spain	Malagueña	Filiation test (19 markers -isag)	2,403 (33 flocks involved)		Yes
2011	Spain	Murciana Granadina	Filiation test (13 and 19 markers)	16,014 analysis in 101 flocks	No	Yes
2010	Spain	Palmera	None	0		
2011	Spain	Palmera	None	0	No	No
2010	Spain	Payoya	Filiation test (15 markers)	210 (8 selection flock)	Yes	Yes
2010	Spain	Tinerfeña	Casein, filiation (11 markers)	20	Yes	No
2011	Spain	Tinerfeña	Casein, filiation test (11 markers)	20	Yes	No