

STUD-BOOK FRANÇAIS DU CHEVAL SELLE FRANÇAIS (SF)

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Last update: October 8th, 2003

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1. BREEDING POPULATION

Breed(s)	Selle Français
Total number of breeding stallions used for mating	638 SF (2002)
Total number of mares covered	14,576 (2002) from which 13,381 SF
Number of mares covered by AI	12,098 (2002)
Number of foals registered	8,006 (2001)
Format of ID numbers of horses	
Does the studbook use the unique equine lifenumber (UELN)? (Y/N)	

2. BREEDING OBJECTIVE

Breeding objective (in no more than 50 words)	The SF breeding goal aims at horses performing in competition, with good conformation, gaits and temper. Priority is the jumping competition; but also the eventing. Effort is made for the dressage.
Traits of importance (in order of importance) - high: - medium: - low:	show-jumping ability, conformation, gaits, fertility, health, eventing ability and behaviour dressage ability driving
Specific breeding policies	AQPS - steeple chase racing horses

3. TESTING PROCEDURES AND DATA RECORDING

Stallion testing procedures

Discipline	show jumping and dressage
Name of test	stallion field performance test
Is this test a licensing test? (Y/N)	
Annual number of tested horses	In 2002: 254 2-yr old stallions 273 3-yr old stallions
Number of test locations	7 for 2- and 3-yr old stallions 7 for older stallions
Average age of tested horses (years)	no maximum age for older stallions
Length of test	3-year old: - qualifying regional test >1 day - final national test >2 days older stallions >1 day
Name of recorded variables	conformation walk (under rider) trot (under rider) canter (under rider) walk (in hand) trot (in hand) jumping ability - take off - technique - power - horse potential
Scale of recorded traits	scores on a range 1 to 10

Young horse testing procedures

Discipline	show jumping
Name of test	"cycle classique" (professional riders) "cycle libre" (amateurs riders)
Is this test a licensing test? (Y/N)	
Sex of horses	stallions, mares and geldings
Annual number of tested horses	In 2001 : 2900 4-year old horses (87% SF) 3829 5-year old horses (82% SF) 2673 6-year old horses (83% SF)
Number of test locations	2215 events at 449 locations
Average age of tested horses (years)	4-6
Length of test	
Name of recorded variables	placed horses (first 1/4 of competitors) non-placed horses
Scale of recorded traits	average ISO = 100 with sd of 20

Discipline	dressage
Name of test	"cycle classique" (professional riders) "cycle libre" (amateurs riders)
Is this test a licensing test? (Y/N)	
Sex of horses	stallions, mares and geldings
Annual number of tested horses	In 2001 : 102 horses of 4 years old (66% SF) 152 horses of 5 years old (69% SF) 112 horses of 6 years old (74% SF)
Number of test locations	316 events at 56 locations
Average age of tested horses (years)	4-6
Length of test	
Name of recorded variables (scale traits)	placed horses (first 1/4 of competitors) non-placed horses
Scale of recorded traits	average ISO = 100 with sd of 20

Discipline	eventing
Name of test	"cycle classique" (professional riders) "cycle libre" (amateurs riders)
Is this test a licensing test? (Y/N)	
Sex of horses	stallions, mares and geldings
Annual number of tested horses	327 5-year old horses (59% SF) 150 4-year old horses (59% SF) 420 6-year old horses (61% SF)
Number of test locations	288 events at 95 locations
Average age of tested horses (years)	4-6
Length of test	
Name of recorded variables (scale traits)	graded horses (first 1/3 of competitors) non-graded horses
Scale of recorded traits	average ICC = 100 with sd of 20

Competition results

Type of competition (including discipline and levels)	show jumping in competition
Sex of horses	stallions, geldings and mares
Number of horses in competition (per year)	40,333 (2002) from which 72% SF
Number of competition events (per year)	The number of competition events for horses from 4 years old to old hores is 14,980 (2002) at 1741 locations.
Number of starts	597,199 (2002)
Name of recorded traits	rank in each competition money earned in each competition
Scale of recorded traits	graded horses (first 1/4) of competitors non-graded horses

Type of competition (including discipline and levels)	dressage competition
Sex of horses	stallions, geldings and mares
Number of horses in competition (per year)	3825 (2002) from which 55% SF
Number of competition events (per year)	2416 (2002) events at 259 locations
Number of starts	24,197 (2002)
Name of recorded traits	rank in competition money earned in each competition
Scale of recorded traits	graded horses (first 1/4) of competitors non-graded horses

Type of competition (including discipline and levels)	eventing competition
Sex of horses	stallions, geldings, mares
Number of horses in competition (per year)	4665 from which 57% SF
Number of competition events (per year)	1389 events at 227 locations
Number of starts	26,053
Name of recorded traits	rank in competition money earned in each competition
Scale of recorded traits	graded horses (first 1/4) of competitors non-graded horses

4. GENETIC EVALUATION

show jumping

Traits	log(annual earnings) ranks
Origin of data	competition results
Method of evaluation	bivariate repeatability BLUP animal model
Effects considered by statistical model	sex age maternal effect permanent environment additive genetic effect (breeding value)
Heritabilities	log(annual earnings): 0.27 ranks: 0.16
Genetic correlation	genetic correlation between earnings and ranks: 0.90
Repeatabilities	log(annual earnings): 0.47 (between years) ranks: 0.29 (between events)
Publication scale (mean and s.d.)	Breeding values are published on a standardised scale with the mean of the base population = 0 and 2% of base population = 20 points.
Definition of base population	All SF and AA (Anglo-Arab) animals born 5 years before publication year.
What breeding values are published?	
Where are breeding values published?	
Key reference	Tavernier, A., 1991. Genetic evaluation of horse based on ranks in competition. <i>Genet. Sel. Evol.</i> 23: 159-173.

dressage

Traits	log(annual earnings) ranks
Origin of data	competition results
Method of evaluation	bivariate repeatability BLUP animal model
Effects considered by statistical model	sex age maternal effect permanent environment additive genetic effect (breeding value)
Heritabilities	log(annual earnings): 0.34 ranks: 0.20
Genetic correlation	genetic correlation between earnings and ranks: 0.90
Repeatabilities	log(annual earnings): 0.60 (between years) ranks: 0.35 (between events)
Publication scale (mean and s.d.)	Breeding values are published on a standardised scale with the mean of the base population = 0 and 2% of base population =20 points.
Definition of base population	All SF and AA (Anglo-Arab) animals with breeding values born between 4 and 6 years before publication year with reliability =0.34.
What breeding values are published?	
Where are breeding values published?	
Key reference	Tavernier, A., 1991. Genetic evaluation of horse based on ranks in competition. <i>Genet. Sel. Evol.</i> 23: 159-173.

eventing

Traits	log(annual earnings) ranks
Origin of data	competition results
Method of evaluation	bivariate repeatability BLUP animal model
Effects considered by statistical model	sex age maternal effect permanent environment additive genetic effect (breeding value)
Heritabilities	log(annual earnings): 0.14 ranks: 0.07
Genetic correlation	genetic correlation between earnings and ranks: 0.90
Repeatabilities	log(annual earnings): 0.45 (between years) ranks: 0.34 (between events)
Publication scale (mean and s.d.)	Breeding values are published on a standardised scale with the mean of the base population = 0 and 2% of base population =20 points.
Definition of base population	All SF and AA (Anglo-Arab) animals born between 4 and 6 years before publication year with reliability =0.14
What breeding values are published?	
Where are breeding values published?	
Key reference	Ricard, A. and C. Chanu, 2001. Genetic parameters of eventing horse competitions in France. <i>Genet. Sel. Evol.</i> 33.