
WBFSH

WORLD BREEDING FEDERATION
FOR SPORT HORSES



Selle Français Breeding Values Crossbreeding tools for breeders

Benoit CHAIGNE - 4 July 2023



Selle Français Breeding Values



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Two areas of focus have been developed for breeders :



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→ **Breeding value linked with Sport performance**

(Jumping, Eventing, Dressage) :

- Phenotypic index
- Genetic index : Estimated Breeding Values



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→ **Breeding value linked with Sport performance**

(Jumping, Eventing, Dressage) :

- Phenotypic index
- Genetic index : Estimated Breeding Values

→ **Breeding value linked with conformation, paces and jumping ability**

- Genetic index : Estimated Breeding Values

- Performance index = Phenotypic index



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- Performance index = Phenotypic index



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All sport results of Selle Français horses
are registered in a data base
(59 000 horses/y)



- Performance index = Phenotypic index

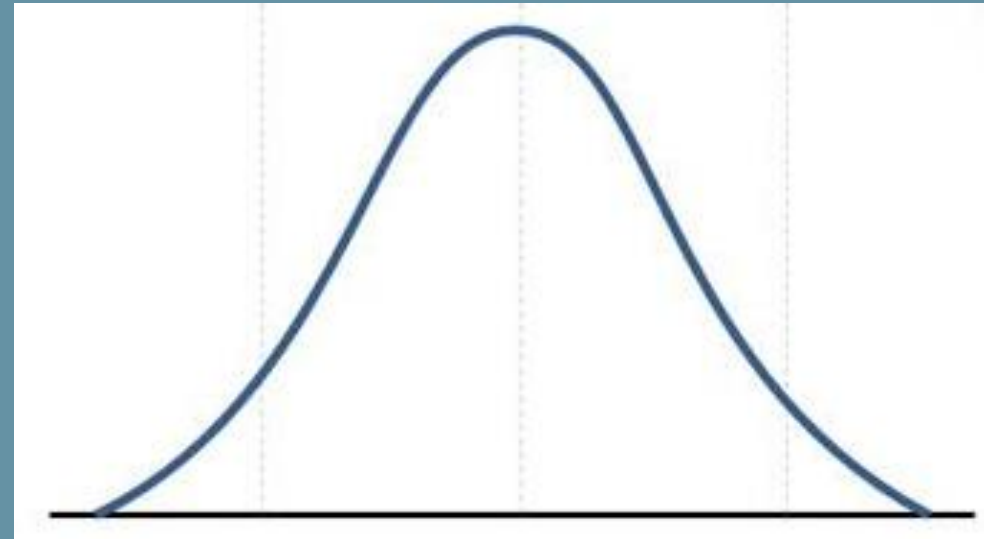


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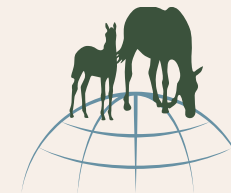
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ISO / ICC / IDR



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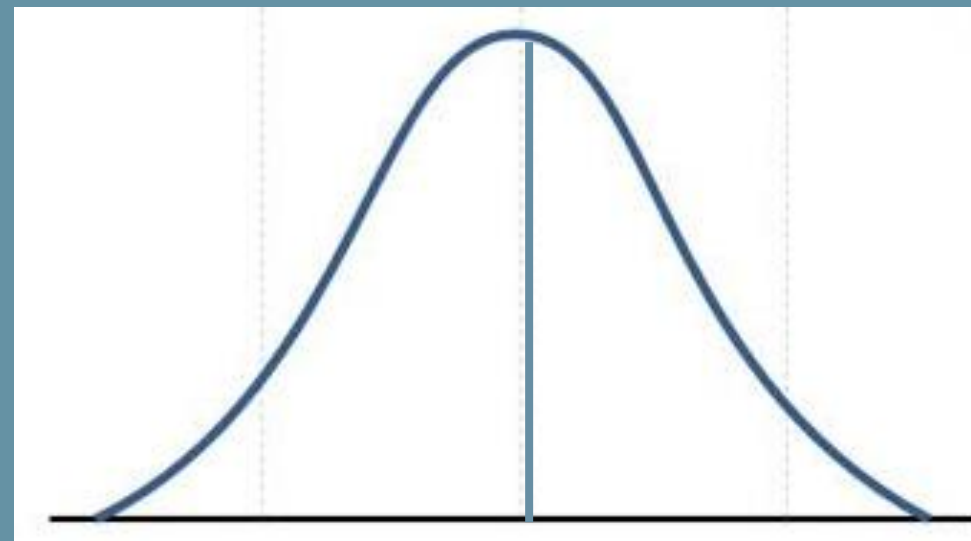


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ISO / ICC / IDR



ISO 100

50% best

- Performance index = Phenotypic index

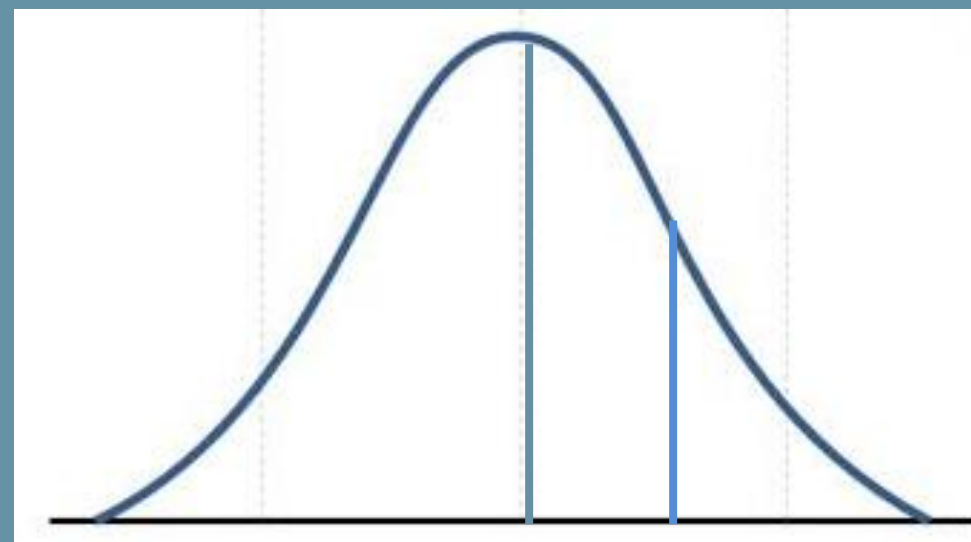


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50% best

ISO 120

12% best

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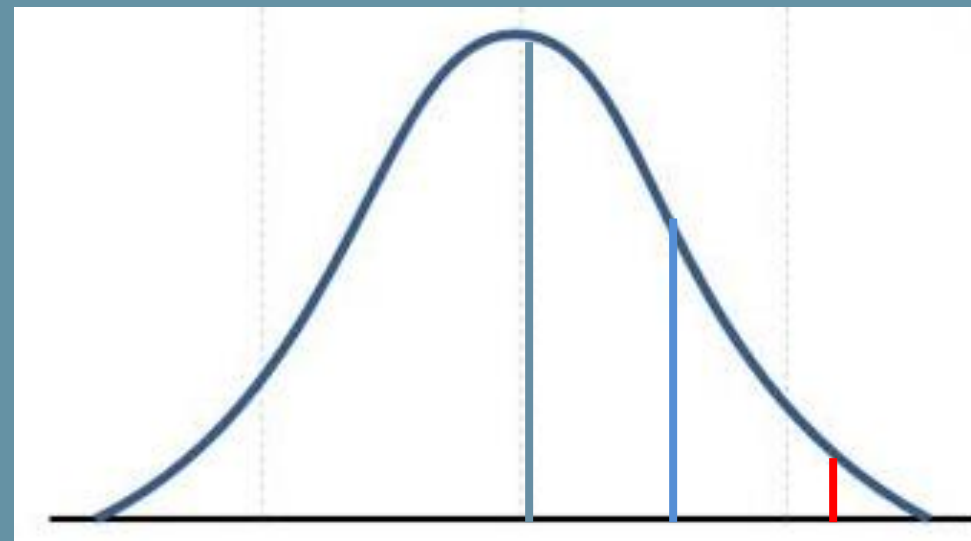


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ISO 100 → 50% best

ISO 120 → 12% best

ISO 140 → 2% best

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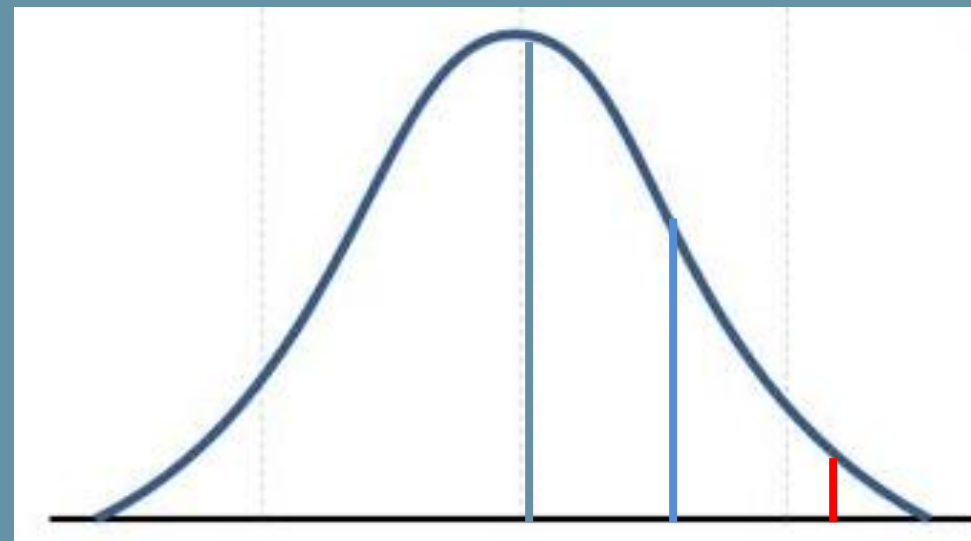


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① We know the sport level of a horse



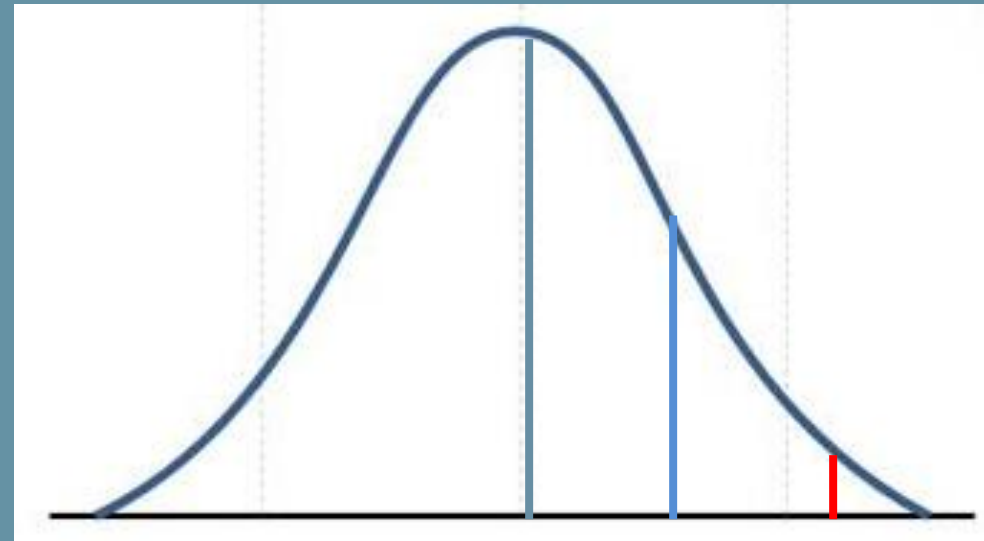
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ISO 100

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ISO 140

2% best

① We know the sport level of a horse

② As a breeder We can evaluate the quality of the production
of a stallion :

% under 100 / % 100-119 / % 120-139 / % \geq 140

- **Estimated Breeding Value = Genetic index**



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- **Ability of a stallion and a broodmare to pass along qualities for sport (jumping, eventing, dressage)**

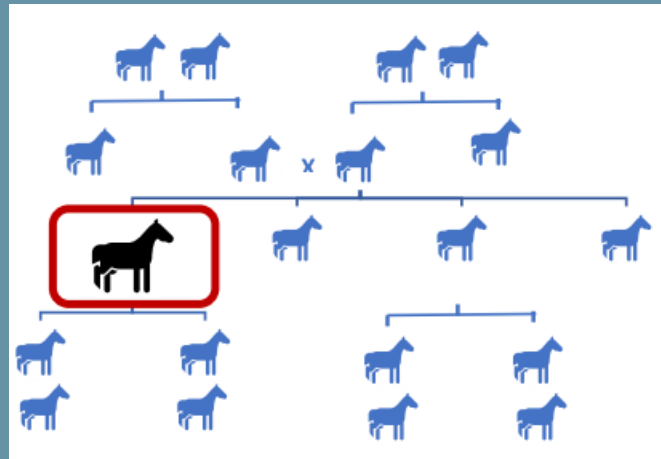


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- **Estimated Breeding Value = Genetic index**

- **Ability of a stallion and a broodmare to pass along qualities for sport (jumping, eventing, dressage)**

- **We take into account the sporting results of the stallion himself + those of his whole family : parents, collaterals, offsprings...**



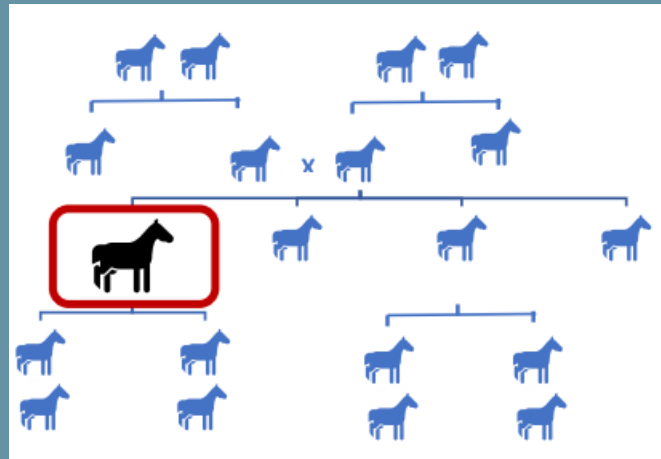


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→ We can estimate whether a stallion or a mare has a greater or lesser probability of producing efficient horses = Estimated breeding value

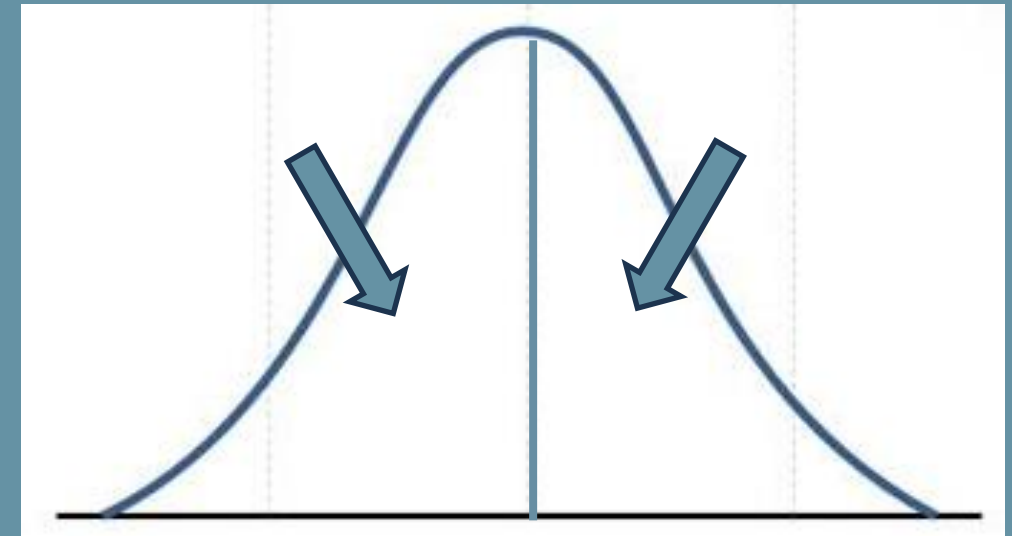
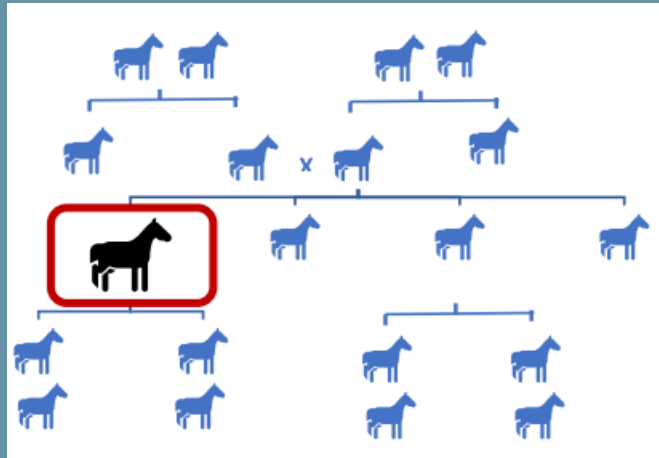


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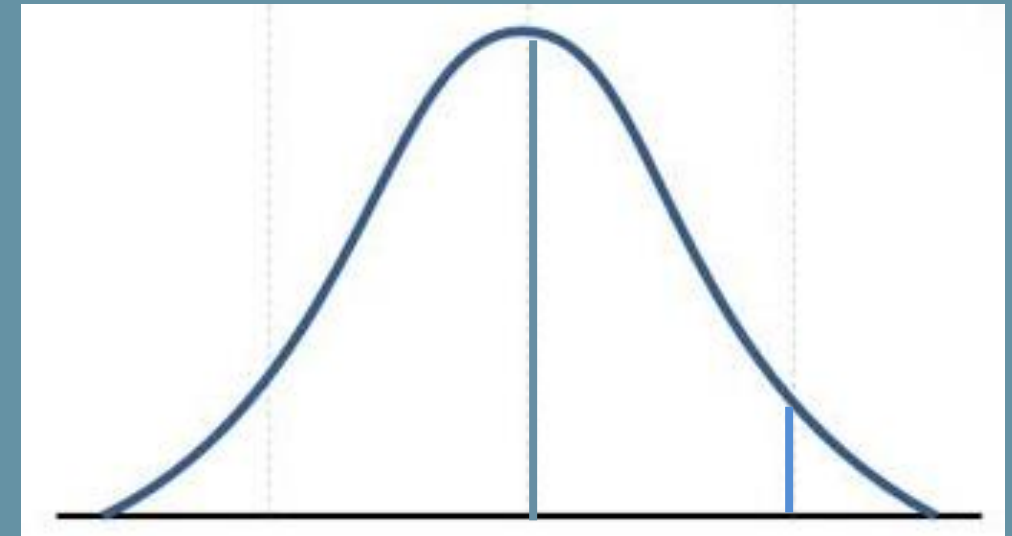
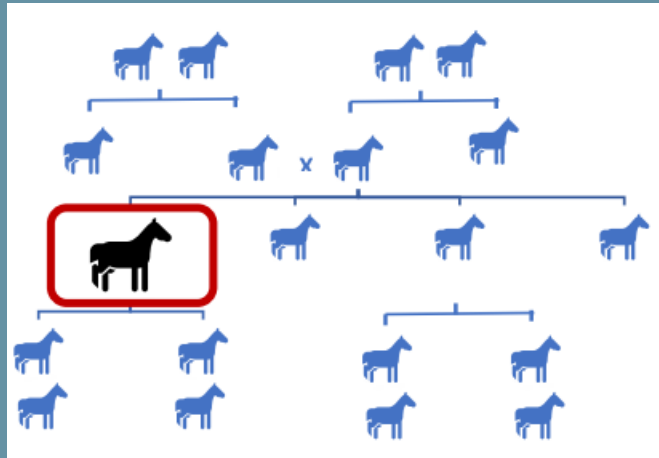


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0

15

5% best

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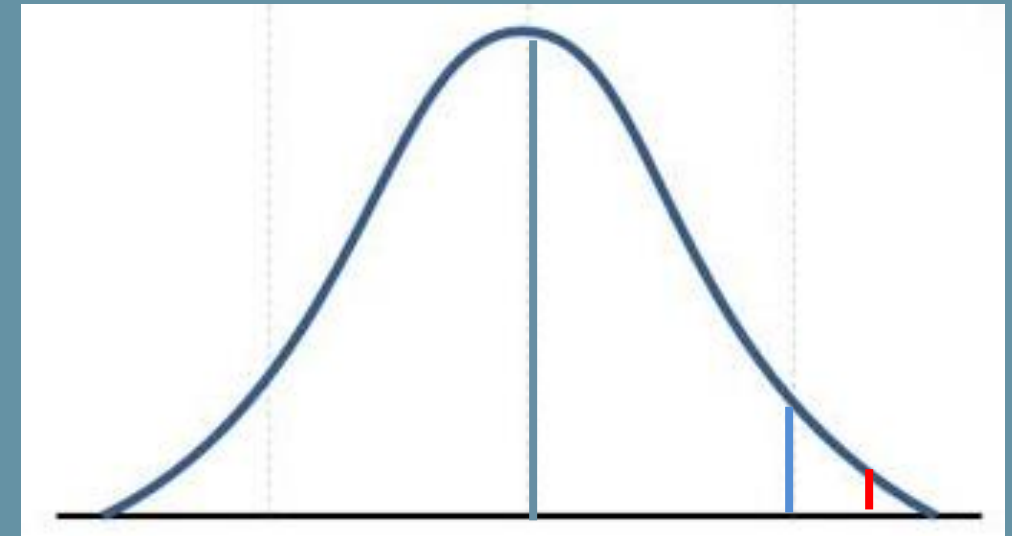
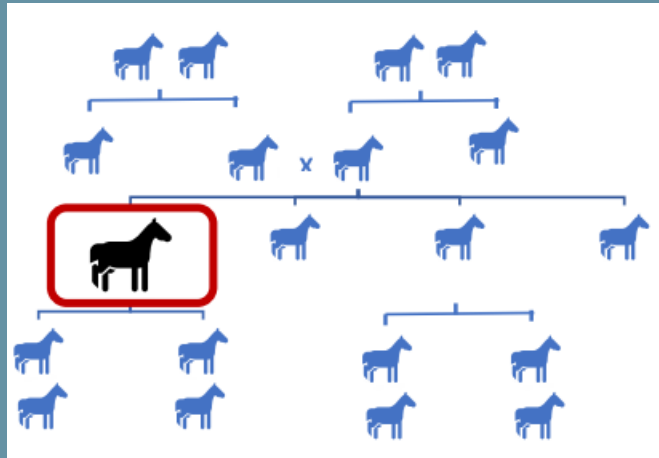


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→ We can estimate whether a stallion or a mare has a greater or lesser probability of producing efficient horses = Estimated breeding value

0

15 → 5% best

20 → 2% best

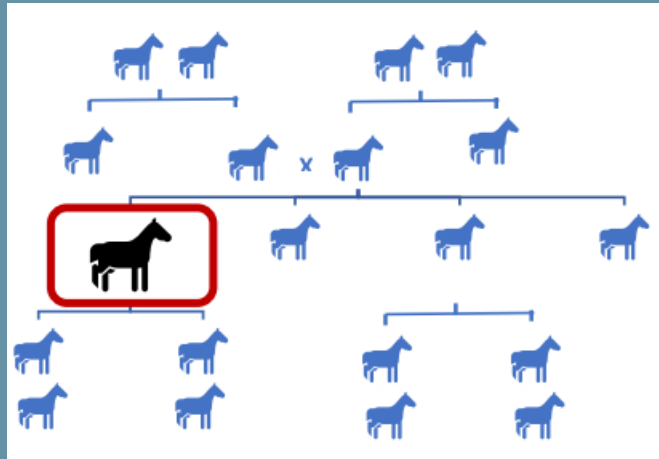


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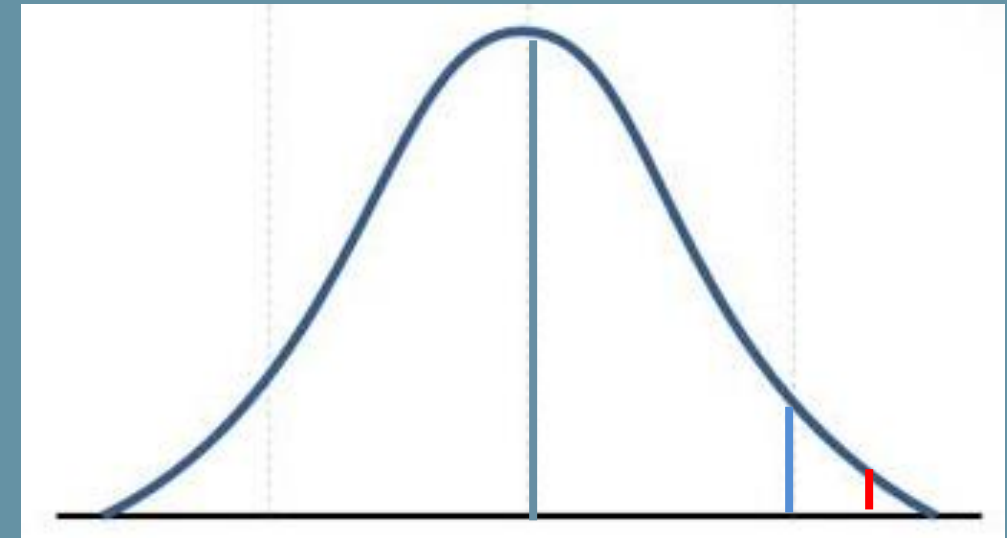
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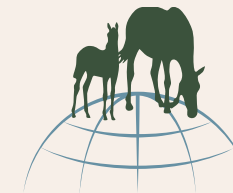
👉 Probability

- Tools for Breeders (www.etalonsf.fr)



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- Stallion ranking (jumping and eventing)

Groupe 4 : étalons dont l'âge moyen de la production ayant fait du CSO est de 8 à 12ans ; 200 produits et + indicés en CSO															
Cheval	Race	SFO ou produisant SFO	Année naissance	Père	Père de mère	% des produits indicés en CSO				Variation ISO MOYEN depuis d'année dernière	ISO MOYEN de la production du quartile supérieur	ISO MINIMUM de la production du quartile supérieur	Nombre de produits classés en CSO dans les 2000 premiers du classement WBFSH depuis 2004	BSO	CD
						ISO 140 et +	ISO 139 à 120	ISO 119 à 100	ISO < 100						
KANNAN(NL)	KWPN		1992	VOLTAIRE	NIMMERDOR	11%	33%	41%	16%	→	140,1	129,0	193	+21	(1,00)
CASALL(DE)	HOLST		1999	CARETINO	LAVALL I	9%	27%	42%	22%	↓	138,1	126,0	112	+21	(0,96)
MYLORD CARTHAGO	SFA		2000	CARTHAGO	JALISCO B	8%	29%	42%	21%	→	137,9	126,0	58	+23	(0,99)
UGANO SITTE(BE)	SBS		2004	CLINTON	AVONTUUR	10%	24%	47%	19%	→	137,8	125,0	19	+18	(0,97)
AIR JORDAN(DE)	OLD		1996	ARGENTINUS	MATADOR	9%	32%	37%	22%	↑	137,8	127,0	24	+14	(0,97)
OGANO SITTE(BE)	SBS		1998	DARCO	AVONTUUR	10%	31%	40%	19%	→	137,8	128,0	39	+22	(0,98)
UNTOUCHABLE M(NL)	KWPN		2001	QUICK STAR	CORRADO I	11%	31%	42%	16%	↓	137,6	128,0	3	+23	(0,96)
DIARADO(DE)	HOLST		2005	DIAMANT DE SEMILLY	CORRADO I	5%	31%	45%	18%	→	135,3	126,0	42	+17	(0,96)
CICERO Z(BE)	Z		2000	CARTHAGO	OPTIEBEURS RANDEL Z	6%	29%	45%	20%	→	135,1	124,0	52	+22	(0,96)
L'ARC DE TRIOMPHE(DE)	OLD		1999	LANDOR S	PILOT	6%	25%	46%	23%	→	133,5	122,0	23	+12	(0,99)
OGRION DES CHAMPS	SFA		2002	KANNAN	DOMINO DE MOYON	6%	23%	45%	26%	→	133,4	122,0	7	+22	(0,98)
NUMERO UNO(NL)	KWPN		1995	LIBERO H	LORD CALANDO	5%	35%	42%	19%	→	133,4	125,0	96	+17	(0,97)
ARKO(DE)	OLD		1994	ARGENTINUS	BEACH BOY	5%	24%	42%	29%	↑	133,1	121,0	11	+7	(0,96)
TINKA'S BOY(NL)	KWPN		1989	ZUIDPOOL	ZEUS EX GORDIOS	5%	23%	49%	23%	→	132,6	121,0	28	+11	(0,99)
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ROCK'N ROLL SEMILLY	SFA	Oui	2005	DIAMANT DE SEMILLY	APACHE D'ADRIERS	5%	26%	49%	21%	→	131,3	122,0	4	+23	(0,98)
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BALOU DU ROUET(DE)	OLD		1999	BALOUBET DU ROUET	CONTINUE	3%	22%	52%	23%	↓	129,9	120,0	85	+20	(0,98)
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NEWTON DE KREISKER	SFA	Oui	2001	DIAMANT DE SEMILLY	PAPILLON ROUGE	4%	19%	44%	33%	→	128,8	118,0	4	+10	(0,97)
CANTURO(DE)	HOLST		1995	CANTUS	CALANDO I	2%	21%	47%	30%	→	128,1	118,0	37	+10	(0,99)
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KALASKA DE SEMILLY	SFA	Oui	1998	DIAMANT DE SEMILLY	NIGHT AND DAY	3%	16%	53%	28%	↓	126,5	116,0	1	+4	(0,98)
CAP KENNEDY(DE)	HOLST		2004	CASSINI II	CANTUS	2%	12%	46%	40%	↓	124,4	114,0	3	+5	(0,97)
EPSOM GESMERAY	SFA	Oui	1992	JALISCO B	STARTER	2%	12%	51%	36%	→	123,8	114,0	1	+1	(0,98)

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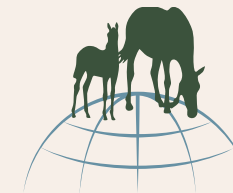
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- Performance index reach by the 25% best offsprings of a stallion.

- distribution of offspring performance index :
% ≥ 140 / % 139 -120 / % 119-100 / % under 100

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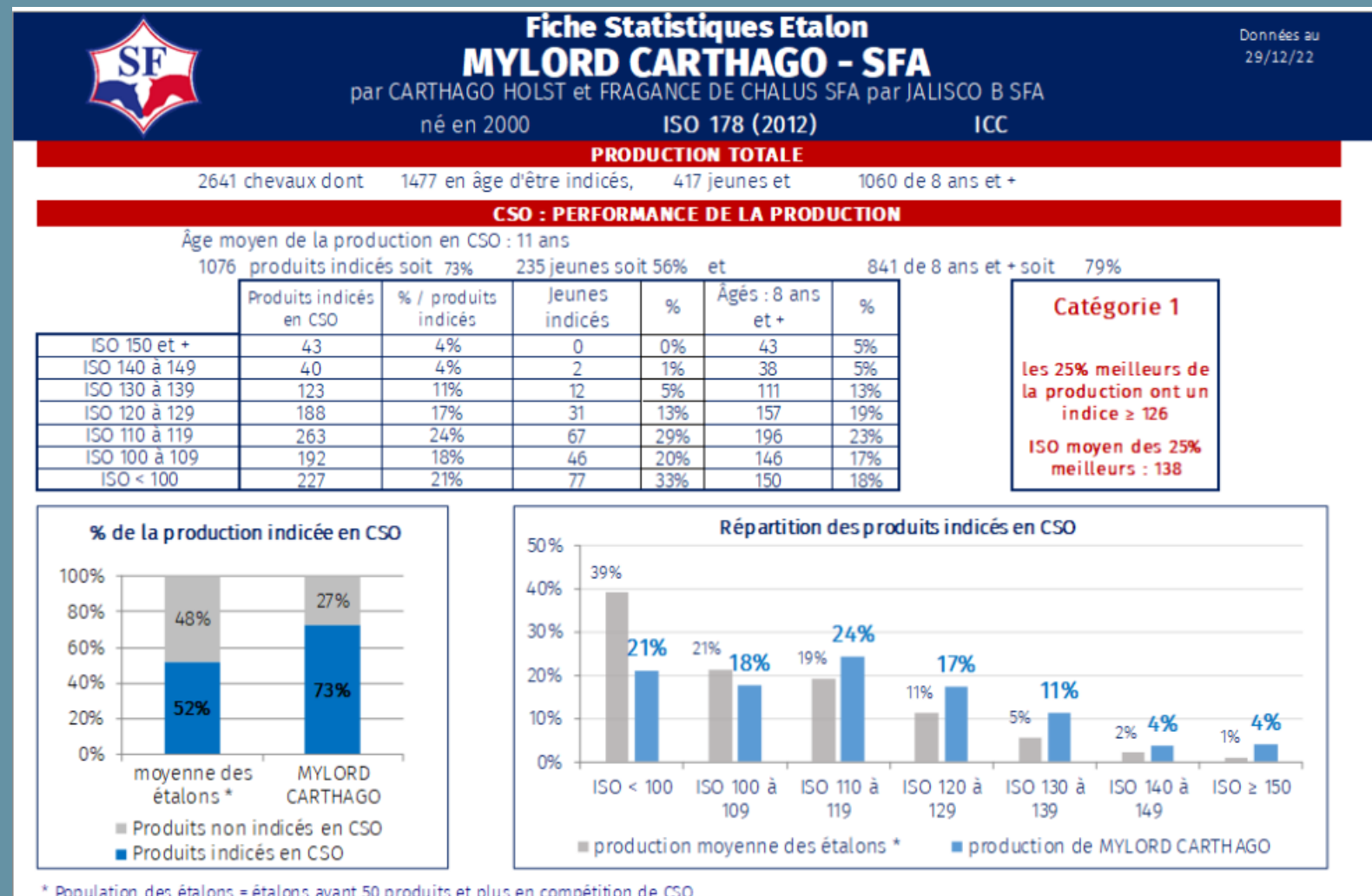
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L'ARC DE TRIOMPHE(DE)	OLD		1999	LANDOR S	PILOT	6%	25%	46%	23%	→	133,5	122,0	23	+12	(0,99)
OGRIION DES CHAMPS	SFA		2002	KANNAN	DOMINO DE MOYON	6%	23%	45%	26%	→	133,4	122,0	7	+22	(0,98)
NUMERO UNO(NL)	KWPN		1995	LIBERO H	LORD CALANDO	5%	35%	42%	19%	→	133,4	125,0	96	+17	(0,97)
ARKO(DE)	OLD		1994	ARGENTINUS	BEACH BOY	5%	24%	42%	29%	↑	133,1	121,0	11	+7	(0,96)
TINKA'S BOY(NL)	KWPN		1989	ZUIDPOOL	ZEUS EX GORDIOS	5%	23%	49%	23%	→	132,6	121,0	28	+11	(0,99)
NORMAN PRE NOIR	SFA		2001	CARTHAGO	TRESOR DE CHEUX	4%	27%	46%	23%	→	131,8	123,0	3	+16	(0,97)
ROCK'N ROLL SEMILLY	SFA	Oui	2005	DIAMANT DE SEMILLY	APACHE D'ADRIERS	5%	26%	49%	21%	→	131,3	122,0	4	+23	(0,98)
PRESIDENT(NL)	KWPN		1997	CLINTON	VOLTAIRE	3%	25%	47%	26%	→	130,5	121,0	19	+15	(0,98)
CON AIR(DE)	HOLST		1997	CONTENDER	CAROLUS	3%	25%	48%	25%	→	130,2	121,0	16	+16	(0,97)
LAUTERBACH(DE)	OLD		2001	LANDOR S	CONTENDER	4%	22%	47%	27%	↓	130,1	120,0	5	+16	(0,97)
BALOU DU ROUET(DE)	OLD		1999	BALOUBET DU ROUET	CONTINUE	3%	22%	52%	23%	↓	129,9	120,0	85	+20	(0,98)
UTRILLO VD HEFFINCK(BE)	BWP		1997	CLINTON	HEARTBREAKER	3%	26%	49%	22%	→	129,5	121,0	6	+10	(0,97)
NEWTON DE KREISKER	SFA	Oui	2001	DIAMANT DE SEMILLY	PAPILLON ROUGE	4%	19%	44%	33%	→	128,8	118,0	4	+10	(0,97)
CANTURO(DE)	HOLST		1995	CANTUS	CALANDO I	2%	21%	47%	30%	→	128,1	118,0	37	+10	(0,99)
PADOCK DU PLESSIS	SFA		2003	KANNAN	ADELFO	2%	18%	48%	32%	→	127,2	117,0	3	+13	(0,98)
KALASKA DE SEMILLY	SFA	Oui	1998	DIAMANT DE SEMILLY	NIGHT AND DAY	3%	16%	53%	28%	↓	126,5	116,0	1	+4	(0,98)
CAP KENNEDY(DE)	HOLST		2004	CASSINI II	CANTUS	2%	12%	46%	40%	↓	124,4	114,0	3	+5	(0,97)
EPSOM GESMERAY	SFA	Oui	1992	JALISCO B	STARTER	2%	12%	51%	36%	→	123,8	114,0	1	+1	(0,98)

- Tools for Breeders (www.etalonsf.fr)



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FOR SPORT HORSES

- Stallion sheet (jumping)



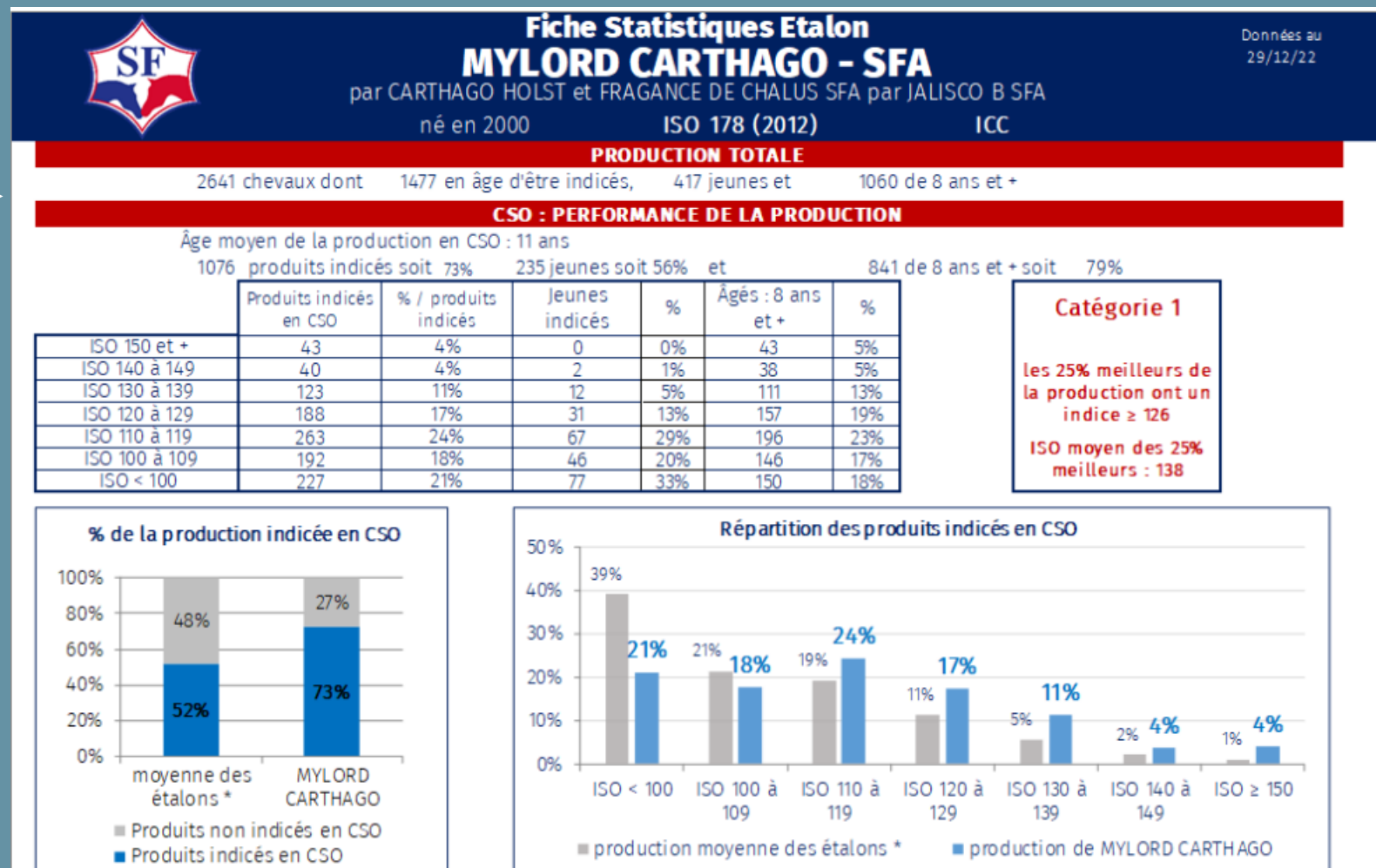
- Tools for Breeders (www.etalonsf.fr)



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- Stallion sheet (jumping)

Number and age of the offsprings, in total and in competition



* Population des étalons = étalons ayant 50 produits et plus en compétition de CSO

- Tools for Breeders (www.etalonsf.fr)



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- Stallion sheet (jumping)

Number and age of the offsprings, in total and in competition



detailed performance of the progeny in jumping in comparison with all SF approved stallions



Fiche Statistiques Etalon

MYLORD CARTHAGO - SFA

par CARTHAGO HOLST et FRAGRANCE DE CHALUS SFA par JALISCO B SFA

né en 2000 ISO 178 (2012) ICC

Données au
29/12/22

PRODUCTION TOTALE

2641 chevaux dont 1477 en âge d'être indicés, 417 jeunes et 1060 de 8 ans et +

CSO : PERFORMANCE DE LA PRODUCTION

Âge moyen de la production en CSO : 11 ans
1076 produits indicés soit 73% 235 jeunes soit 56% et 841 de 8 ans et + soit 79%

	Produits indicés en CSO	% / produits indicés	Jeunes indicés	%	Âgés : 8 ans et +	%
ISO 150 et +	43	4%	0	0%	43	5%
ISO 140 à 149	40	4%	2	1%	38	5%
ISO 130 à 139	123	11%	12	5%	111	13%
ISO 120 à 129	188	17%	31	13%	157	19%
ISO 110 à 119	263	24%	67	29%	196	23%
ISO 100 à 109	192	18%	46	20%	146	17%
ISO < 100	227	21%	77	33%	150	18%

Catégorie 1

les 25% meilleurs de la production ont un indice ≥ 126

ISO moyen des 25% meilleurs : 138

% de la production indiquée en CSO

Produits non indicés en CSO	48%
Produits indicés en CSO	52%
MYLORD CARTHAGO	73%

Répartition des produits indicés en CSO

ISO Range	production moyenne des étalons *	production de MYLORD CARTHAGO
ISO < 100	39%	21%
ISO 100 à 109	21%	18%
ISO 110 à 119	19%	24%
ISO 120 à 129	11%	17%
ISO 130 à 139	5%	11%
ISO 140 à 149	2%	4%
ISO ≥ 150	1%	4%

* Population des étalons = étalons ayant 50 produits et plus en compétition de CSO

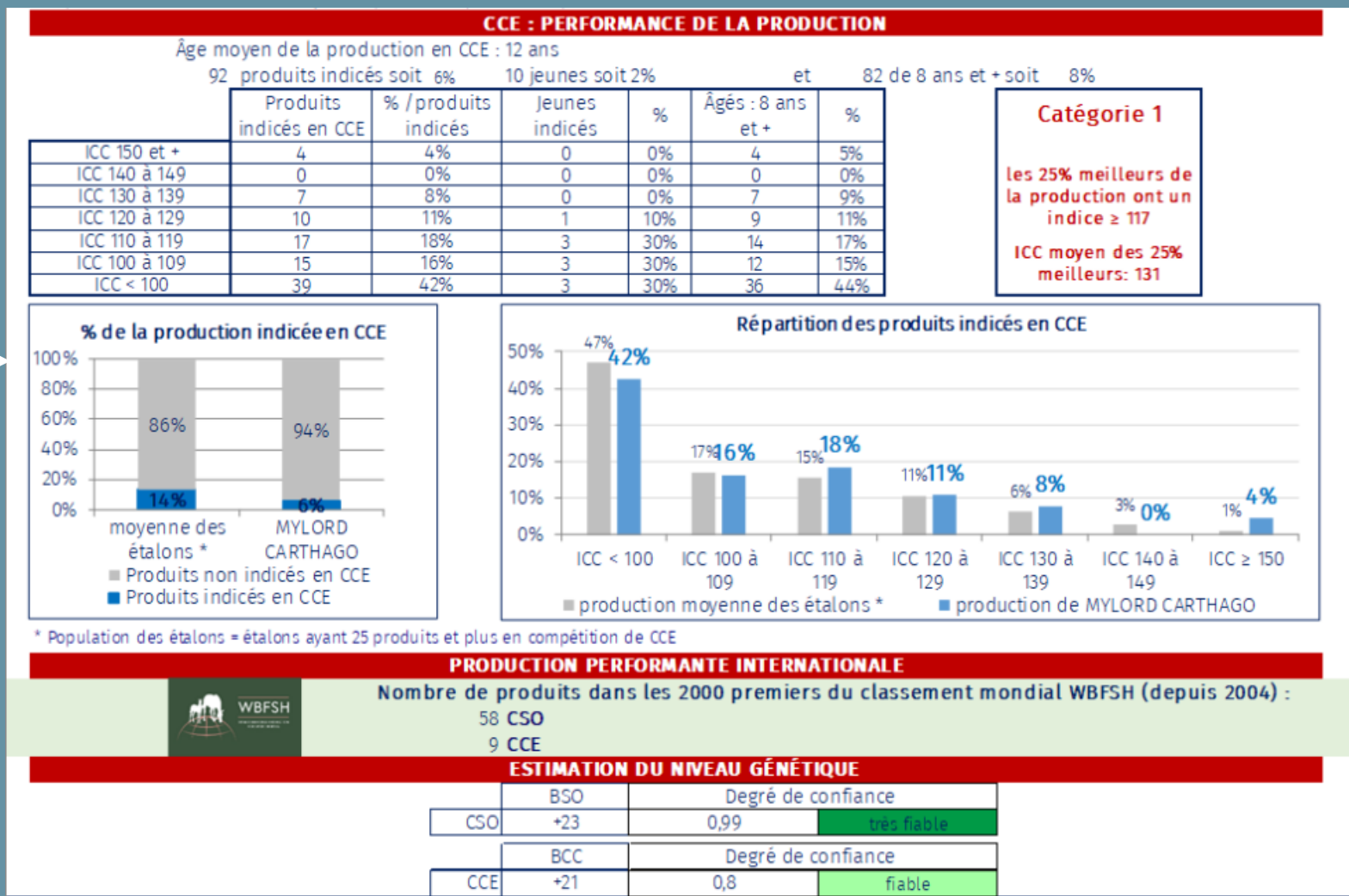
- Tools for Breeders (www.etalonsf.fr)



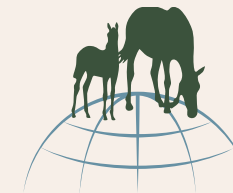
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- Stallion sheet (eventing)

detailed performance of the progeny in eventing in comparison with all SF approved stallions



- Tools for Breeders (www.etalonsf.fr)

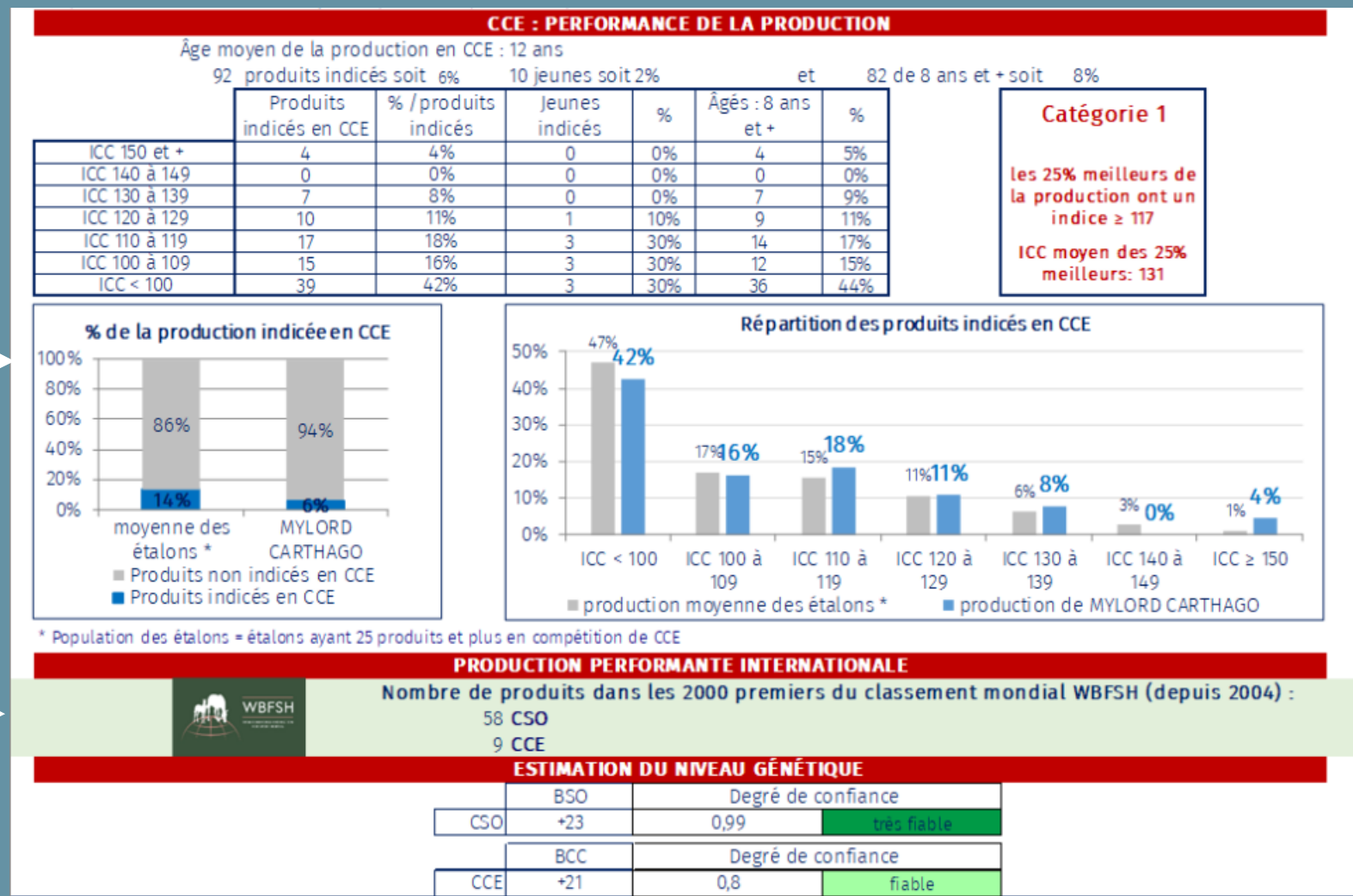


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- Stallion sheet (eventing)

detailed performance of the progeny in eventing in comparison with all SF approved stallions

- Number of progeny in the top2000 WBFSH ranking since 2004



- Tools for Breeders (www.etalonsf.fr)



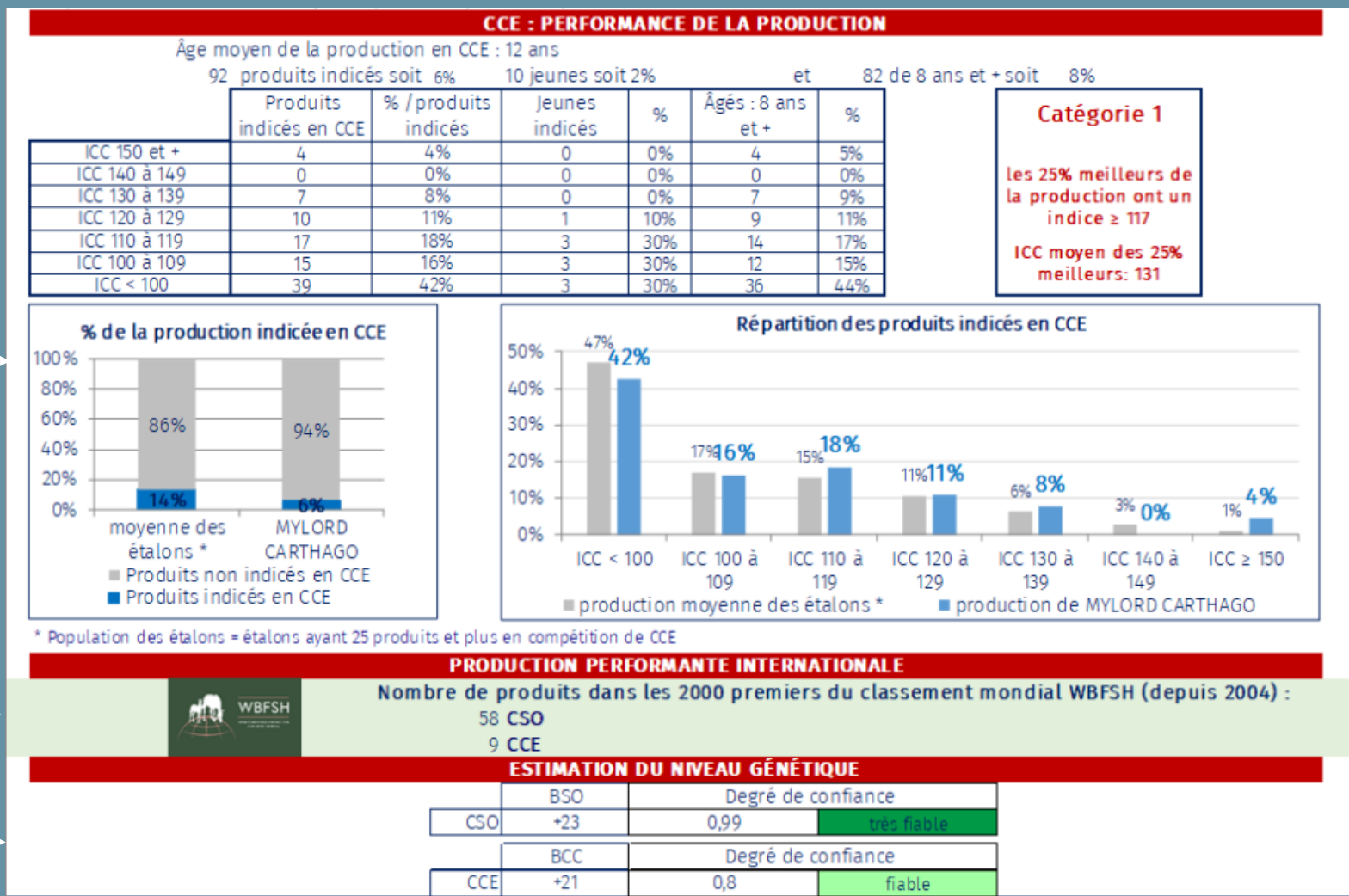
WBFSH
WORLD BREEDING FEDERATION
FOR SPORT HORSES

- Stallion sheet (eventing)

detailed performance of the progeny in eventing in comparison with all SF approved stallions

- Number of progeny in the top2000 WBFSH ranking since 2004

- Estimated breeding value



- Tools for Breeders (www.ifce.fr)



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- Stallion data



institut français
du **cheval**
et de l'**équitation**

Info chevaux



Selle Français

MYLORD CARTHAGO

Selle Français Section A, Male, Gris, né(e) en 2000, Étalon actif

Sire: **CARTHAGO** (DEU) alias CARTHAGO Z Holsteiner Warmblut

Dam: **FRAGANCE DE CHALUS** Selle Français Section A

Dam sire: **JALISCO B** Selle Français Section A

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15

GENERAL INFORMATION

PEDIGREES AND RELATED HORSES

ABILITY

BREEDING INFORMATION

PROGENY

GENETIC DIVERSITY

- Breeding value linked with conformation, paces and jumping ability ; Tools for Breeders (www.etalonsf.fr)



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- Ability of a stallion to pass along qualities of conformation, gait, jumping abilities

- Breeding value linked with conformation, paces and jumping ability ; Tools for Breeders (www.etalonsf.fr)



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- Ability of a stallion to pass along qualities of conformation, gates, jumping abilities

DIAMANT DE SEMILLY		INDICES GENETIQUES MODELE - ALLURES - SAUT EN LIBERTE						
		DEFAVORABLE POUR LES QUALITES RECHERCHEES		DANS LA MOYENNE DE LA POPULATION (2/3)		FAVORABLE POUR LES QUALITES RECHERCHEES		
par LE TOT DE SEMILLY et VENISE DES CRESLES par ELF III		TRES INFERIEUR (2,5%)	INFERIEUR (14%)			SUPERIEUR (14%)	TRES SUPERIEUR (2,5%)	DEGRE DE CONFIANCE DE L'INDICE(CD)
MODELE								
	ATTACHE DE TETE - ENCOLURE			+2				très fiable
	PROFIL AVANT - EPAULE AVANT BRAS			+6				très fiable
	GARROT - DOS - REIN			+6				très fiable
	PROFIL ARRIERE - CROUPE BASSIN - CUISSE			+3				très fiable
	ARTICULATIONS			+3				très fiable
	APLOMBS ANTERIEURS			+0				très fiable
	APLOMBS POSTERIEURS			+6				très fiable
	IMPRESSION D'ENSEMBLE			+5				très fiable
	CHIC			+2				très fiable
LOCOMOTION								
	PAS			+2				très fiable
	TROT			+5				très fiable
	GALOP			+8				très fiable
SAUT EN LIBERTE								
	EQUILIBRE			+9				très fiable
	MOYENS			+12				très fiable
	STYLE			+8				très fiable
	COMPORTEMENT			+8				très fiable

- Breeding value linked with conformation, paces and jumping ability ; Tools for Breeders (www.etalonsf.fr)



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- Ability of a stallion to pass along qualities of conformation, gates, jumping abilities

- conformation : 9 traits



DIAMANT DE SEMILLY		INDICES GENETIQUES MODELE - ALLURES - SAUT EN LIBERTE				DEGRE DE CONFIANCE DE L'INDICE(CD)
		DEFAVORABLE POUR LES QUALITES RECHERCHEES		FAVORABLE POUR LES QUALITES RECHERCHEES		
par LE TOT DE SEMILLY et VENISE DES CRESLES par ELF III		TRES INFERIEUR (2,5%)	INFERIEUR (14%)	DANS LA MOYENNE DE LA POPULATION (2/3)	SUPERIEUR (14%)	TRES SUPERIEUR (2,5%)
MODELE						
ATTACHE DE TETE - ENCOLURE				+2		très fiable
PROFIL AVANT - EPAULE AVANT BRAS				+6		très fiable
GARROT - DOS - REIN				+6		très fiable
PROFIL ARRIERE - CROUPE BASSIN - CUISSE				+3		très fiable
ARTICULATIONS				+3		très fiable
APLOMBS ANTERIEURS				+0		très fiable
APLOMBS POSTERIEURS				+6		très fiable
IMPRESSION D'ENSEMBLE				+5		très fiable
CHIC				+2		très fiable
LOCOMOTION						
PAS				+2		très fiable
TROT				+5		très fiable
GALOP				+8		très fiable
SAUT EN LIBERTE						
EQUILIBRE				+9		très fiable
MOYENS				+12		très fiable
STYLE				+8		très fiable
COMPORTEMENT				+8		très fiable

- Breeding value linked with conformation, paces and jumping ability ; Tools for Breeders (www.etalonsf.fr)



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- Ability of a stallion to pass along qualities of conformation, gates, jumping abilities

- conformation : 9 traits



- gaits : 3 traits



		INDICES GENETIQUES MODELE - ALLURES - SAUT EN LIBERTE						
		DEFAVORABLE POUR LES QUALITES RECHERCHEES		DANS LA MOYENNE DE LA POPULATION (2/3)		FAVORABLE POUR LES QUALITES RECHERCHEES		
		TRES INFERIEUR (2,5%)	INFERIEUR (14%)			SUPERIEUR (14%)	TRES SUPERIEUR (2,5%)	
MODELE								DEGRE DE CONFIANCE DE L'INDICE(CD)
DIAMANT DE SEMILLY								
par LE TOT DE SEMILLY et VENISE DES CRESLES par ELF III								
ATTACHE DE TETE - ENCOLURE				+2				très fiable
PROFIL AVANT - EPAULE AVANT BRAS				+6				très fiable
GARROT - DOS - REIN				+6				très fiable
PROFIL ARRIERE - CROUPE BASSIN - CUISSE				+3				très fiable
ARTICULATIONS				+3				très fiable
APLOMBS ANTERIEURS				+0				très fiable
APLOMBS POSTERIEURS				+6				très fiable
IMPRESSION D'ENSEMBLE				+5				très fiable
CHIC				+2				très fiable
LOCOMOTION								
PAS				+2				très fiable
TROT				+5				très fiable
GALOP				+8				très fiable
SAUT EN LIBERTE								
EQUILIBRE				+9				très fiable
MOYENS				+12				très fiable
STYLE				+8				très fiable
COMPORTEMENT				+8				très fiable

- Breeding value linked with conformation, paces and jumping ability ; Tools for Breeders (www.etalonsf.fr)



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- Ability of a stallion to pass along qualities of conformation, gates, jumping abilities

- conformation : 9 traits

- gaits : 3 traits

- free jumping ability : 4 traits

DIAMANT DE SEMILLY		INDICES GENETIQUES MODELE - ALLURES - SAUT EN LIBERTE						
		DEFAVORABLE POUR LES QUALITES RECHERCHEES		DANS LA MOYENNE DE LA POPULATION (2/3)		FAVORABLE POUR LES QUALITES RECHERCHEES		
par LE TOT DE SEMILLY et VENISE DES CRESLES par ELF III		TRES INFERIEUR (2,5%)	INFERIEUR (14%)			SUPERIEUR (14%)	TRES SUPERIEUR (2,5%)	DEGRE DE CONFIANCE DE L'INDICE(CD)
MODELE								
	ATTACHE DE TETE - ENCLOURE			+2				très fiable
	PROFIL AVANT - EPAULE AVANT BRAS			+6				très fiable
	GARROT - DOS - REIN			+6				très fiable
	PROFIL ARRIERE - CROUPE BASSIN - CUISSE			+3				très fiable
	ARTICULATIONS			+3				très fiable
	APLOMBS ANTERIEURS			+0				très fiable
	APLOMBS POSTERIEURS			+6				très fiable
	IMPRESSION D'ENSEMBLE			+5				très fiable
	CHIC			+2				très fiable
LOCOMOTION								
	PAS			+2				très fiable
	TROT			+5				très fiable
	GALOP			+8				très fiable
SAUT EN LIBERTE								
	EQUILIBRE			+9				très fiable
	MOYENS			+12				très fiable
	STYLE			+8				très fiable
	COMPORTEMENT			+8				très fiable

- Practical application



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I am a breeder

→ How these tools will be helpful to choose de best stallion for my broodmare



- Exemple of Practical application



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STEPS

BREEDING TOOLS

- Exemple of Practical application



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STEPS

- I start with the list of all the stallions that could interest me

st1	st2	st3	st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22	st23	st24	st25
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BREEDING TOOLS

- Exemple of Practical application



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st1	st2	st3	st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22	st23	st24	st25
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- 1st selection : what is my main breeding goal :
 - sale as foal / sale at 2 or 3 yo / at 4,5 or 6 yo/ older / production for myself ... ?



. Which stallions are approved to produce in the breed

st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22
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- Exemple of Practical application



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STEPS

- I start with the list of all the stallions that could interest me

st1	st2	st3	st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22	st23	st24	st25
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. Which stallions are approved to produce in the breed

st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22
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- **2nd selection : bloodlines**

Which stallions are compatible or incompatible with my mare's bloodline?



. Pedigree information ; inbred rate

st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20
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• Exemple of Practical application



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STEPS

- I start with the list of all the stallions that could interest me

st1	st2	st3	st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22	st23	st24	st25
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- **1st selection : what is my main breeding goal :**
- sale as foal / sale at 2 or 3 yo / at 4,5 or 6 yo/ older / production for myself ... ?



- . Which stallions are approved to produce in the breed

st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22
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- **2nd selection : bloodlines**

Which stallions are compatible or incompatible with my mare's blood line?



- . Pedigree information ; inbred rate

st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20
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- **3rd selection : genetic level on sport ; quality of the progeny**



- . **Phenotypic and Genetic Breeding Values : stallion rankings, stallion sheets ...**

st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18
-----	-----	------	------	------	------	------	------	------	------	------

• Exemple of Practical application



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STEPS

- I start with the list of all the stallions that could interest me

st1	st2	st3	st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22	st23	st24	st25
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- **1st selection : what is my main breeding goal :**
- sale as foal / sale at 2 or 3 yo / at 4,5 or 6 yo/ older / production for myself ... ?



- Which stallions are approved to produce in the breed

st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22
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- **2nd selection : bloodlines**

Which stallions are compatible or incompatible with my mare's blood line?



- Pedigree information ; inbred rate

st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20
-----	-----	-----	-----	------	------	------	------	------	------	------	------	------	------	------

- **3rd selection : genetic level on sport ; quality of the progeny**



- **Phenotypic and Genetic Breeding Values : stallion classification, stallion sheets**

st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18
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- **4th selection : the qualities I look for conformation, gaits, jumping ability**



- **Genetic Breeding Values : stallion sheets**

st10	st11	st12	st13	st14	st15	st16
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• Exemple of Practical application



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STEPS

- I start with the list of all the stallions that could interest me

st1	st2	st3	st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22	st23	st24	st25
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BREEDING TOOLS

- **1st selection : what is my main breeding goal :**
- sale as foal / sale at 2 or 3 yo / at 4,5 or 6 yo/ older / production for myself ... ?



- . Which stallions are approved to produce in the breed

st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22
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- **2nd selection : bloodlines**

Which stallions are compatible or incompatible with my mare's blood line?



- . Pedigree information ; inbred rate

st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20
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- **3rd selection : genetic level on sport ; quality of the progeny**



- . **Phenotypic and Genetic Breeding Values : stallion classification, stallion sheets**

st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18
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- **4th selection : the qualities I look for conformation, gaits, jumping ability**



- . **Genetic Breeding Values : stallion sheets**

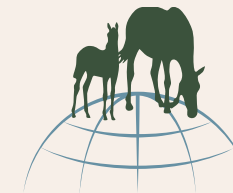
st10	st11	st12	st13	st14	st15	st16
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- **5th selection : Breeding and Economy**

fertility of the stallions / fresh or frozen semen / price / stallion owner and insemination center services ?

st11	st12	st13	st14	st15
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• Exemple of Practical application



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STEPS

BREEDING TOOLS

- I start with the list of all the stallions that could interest me

st1	st2	st3	st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22	st23	st24	st25
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- **1st selection : what is my main breeding goal :**
- sale as foal / sale at 2 or 3 yo / at 4,5 or 6 yo/ older / production for myself ... ?



- Which stallions are approved to produce in the breed

st4	st5	st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20	st21	st22
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- **2nd selection : bloodlines**

Which stallions are compatible or incompatible with my mare's blood line?



- Pedigree information ; inbred rate

st6	st7	st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18	st19	st20
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- **3rd selection : genetic level on sport ; quality of the progeny**



- **Phenotypic and Genetic Breeding Values : stallion classification, stallion sheets**

st8	st9	st10	st11	st12	st13	st14	st15	st16	st17	st18
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- **4th selection : the qualities I look for conformation, gaits, jumping ability**



- **Genetic Breeding Values : stallion sheets**

st10	st11	st12	st13	st14	st15	st16
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- **5th selection : Breeding and Economy**

fertility of the stallions / fresh or frozen semen / price / stallion owner and insemination center services ?

st11	st12	st13	st14	st15
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- **6th selection : « coup de cœur » choice**

st12	st13	st14
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• Exemple of Practical application



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STEPS

BREEDING TOOLS

• I start with the list of all the stallions that could interest me

st1 st2 st3 st4 st5 st6 st7 st8 st9 st10 st11 st12 st13 st14 st15 st16 st17 st18 st19 st20 st21 st22 st23 st24 st25

• **1st selection : what is my main breeding goal :**
- sale as foal / sale at 2 or 3 yo / at 4,5 or 6 yo / older /
production for myself ... ?

• Which stallions are approved to produce in the breed

st4 st5 st6 st7 st8 st9 st10 st11 st12 st13 st14 st15 st16 st17 st18 st19 st20 st21 st22

• **2nd selection : bloodlines**

Which stallions are compatible or incompatible with my mare's blood line?

• Pedigree information ; inbred rate

st6 st7 st8 st9 st10 st11 st12 st13 st14 st15 st16 st17 st18 st19 st20

• **3rd selection : genetic level on sport ; quality of the progeny**

• **Phenotypic and Genetic Breeding Values : stallion classification, stallion sheets**

st8 st9 st10 st11 st12 st13 st14 st15 st16 st17 st18

• **4th selection : the qualities I look for conformation, gaits, jumping ability**

• **Genetic Breeding Values : stallion sheets**

st10 st11 st12 st13 st14 st15 st16

• **5th selection : Breeding and Economy**

fertility of the stallions / fresh or frozen semen / price / stallion owner and insemination center services ?

st11 st12 st13 st14 st15

• **6th selection : « coup de cœur » choice**

st12 st13 st14



I thank you for your attention



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