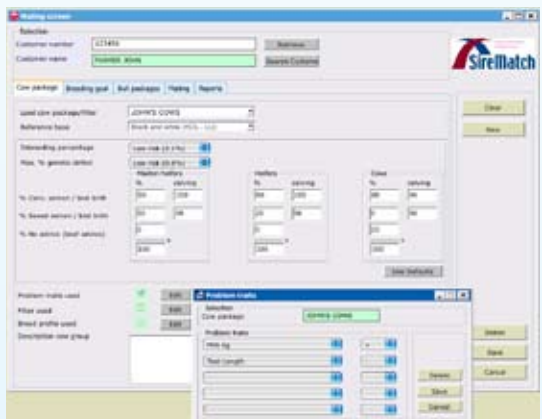


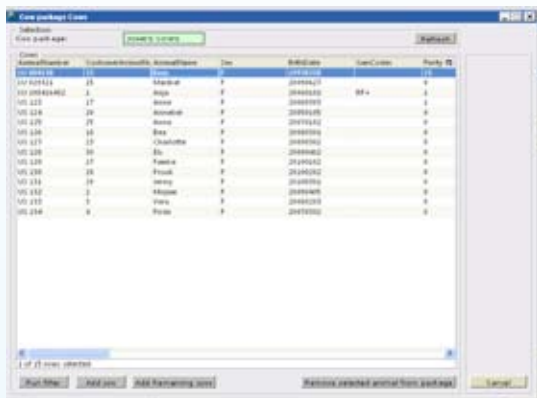


## Screens and reports



The screens and reports of CRV's SireMatch are easy to understand and complete.



Mating screen





Make one or more cow packages

## Farm Mating Report

12345 FARMER JOHN										09-08-2019																																																																																																													
Breeding goal:																																																																																																																							
Weighting traits:					50% Production					50% Exterior					50% Functional																																																																																																								
Weighting subtraits:					50% Frame					10% Dairy Strength					50% Udder																																																																																																								
Cow group:																																																																																																																							
Description:																																																																																																																							
50% Conventional (Bound CAE):					Yes/no					50 (100)					50 (100)					50 (100)																																																																																																			
50% Severe (Bound CAE):					50 (98)					50 (98)					50 (98)					50 (98)																																																																																																			
50% No advice:					0					0					0					0																																																																																																			
Attention traits for cow group:										50% kg					50% Test Length					50%																																																																																																			
Bull package 1:										Bull package 2:										Bull package 3:																																																																																																			
Bull name:										AI Code										SX										QS										Breed										Advice 1										Advice 2										Advice 3																																																	
Inputs:										NL 38800074										97285										-										Y										HOL										6										53										4										27										1										7									
Carnes:										NL 288458773										97388										F										N										HOL										6										40										0										0										0										0									
Nels:										NL 97148410										107330										F										N										HOL										1										7										0										0										0										0									
Adams:										NL 30080906										97301										-										N										HOL										0										8										53										2										13										13									
Paramount:										NL 33009107										97474										-										N										HOL										0										0										2										13										5										33									
Kinkard:										NL 42645458										97701										-										N										HOL										0										0										1										7										6										30									
Kinkard:										NL 27844555										97487										-										N										HOL										0										0										0										2										13																			

The reports are complete and easy to understand

12345 FARMER JOHN

09-08-2019

4

Cow in

The 5 weakest traits to be improved

Excluded due

Culling Animal number


SX AI Code

Int. Gen. CE QN


Ref. Name bull (1-3-5)

35	LU	004530	KGM	258	SL	98	VA	100	AH	102	LVD	13	0	7	1	135
		02-2012	Inputs	-	977285	1200	94	101	100	379						
15		Adams	-	973870	1033	94	102	102	102	239						
		Paramount	-	974794	1541	93	103	111	250							
15	LU	029321	KGM		SL	94							0	7	18	135
		Inputs	-	977285	1200	94										
		Adams	-	973870	1033	94										
		Paramount	-	974794	1541	93										
1	LU	19845482	KGM	258	SL	98	VA	100	AH	102	LVD	13	13	7	17	135
		09-2008	Inputs	-	977285	1200	94	101	100	379						
		Adams	-	973870	1033	94	102	102	102	239						
		Paramount	-	974794	1541	93	103	111	250							
17	US	123	KGM	305	SL	98	SA	100	BG	99	VA	100	5	0	17	135
01-2008	Carnes	F	97388	2414	97	96				102	84					
	Paramount	-	974794	1541	93	104	103	104	103	103						
	Kinkard	-	974847	1053	98	104	103	104	103	105						

The mating advice



Farm Trait Report



12345 FARMER JOHN

09-08-2019

2

Trait	Abbreviation	Difference Herd - Offspring	Avg Herd	Avg Offspring	Avg Bulls
Production					
Sire kg	KGM	<div><div></div></div>	122	105	128
FBI kg	KGV	<div><div></div></div>	6	31	55
Protein kg	KGE	<div><div></div></div>	2	29	55
FBI V	PERL V	<div><div></div></div>	0.10	-0.02	-0.10
Protein%	PERL E	<div><div></div></div>	0.09	0.02	-0.04
NET			22	93	104
Exterior					
Frame					
Sire	FIT	<div><div></div></div>	101	103	105
Chest width	BH	<div><div></div></div>	101	101	101
Body shape	KB	<div><div></div></div>	101	101	101
Rump Angle	RL	<div><div></div></div>	101	101	102
Rump width	KB	<div><div></div></div>	102	103	103
Frame score	F	<div><div></div></div>	102	104	106
Exterior					
Dairy Strength					
Angularity	CH	<div><div></div></div>	100	101	102
Condition score	CS	<div><div></div></div>	101	101	100
Hardiness	H	<div><div></div></div>	101	102	104
Muscularity	BS	<div><div></div></div>			
Total score	SX	<div><div></div></div>	103	104	104

Herd improvement report

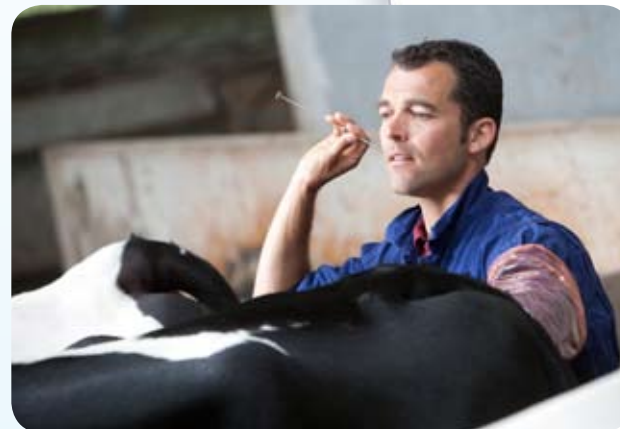
SireMatch

CRV  
Your choice for profit

For every breeding goal, for every breed and for every cow, SireMatch finds the best unbiased mating. SireMatch's new web-based program offers an incredible number of new possibilities for the user. All breeding value bases can be used and all sires in the world can be included in a tailor-made bull package. And you can create bull packages for sexed semen and genomic selection.

SireMatch is extremely flexible and allows producers to exclude inbreeding and genetic defects, while at the same time focusing on their customised breeding goals. You can even make several cow groups within one herd and mate them to specific bull packages. SireMatch offers different mating levels dependent on the available information.

Your local distributor:



CRV MATING PROGRAM

CRV  
Your choice for profit

SireMatch

# SireMatch

Professional and reliable  
mating advice by CRV

For every breeding goal,  
for every breed  
and for every cow,  
SireMatch finds the best  
unbiased mating.

SireMatch

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www.crv4all.com

CRV MATING PROGRAM



# SireMatch

Breeding is investing in the future and SireMatch will help you to make the right breeding decisions. CRV's new breeding program is suitable for all modern herds' needs and for every breeding goal, for every breed and for every cow. SireMatch finds the best unbiased mating.



## SireMatch – for every farm and farmer

CRV's mating program can be used everywhere and anytime. SireMatch has three levels and there will be one that suits you and your farm.

### **SireMatch GO**

The web-based SireMatch GO module is very easy to use and flexible. It is particularly suitable for farms without any official herd data. The user can fill in known pedigrees and, based on the customised breeding goal, reliable advice is given. Inbreeding can be restricted and genetic defects will be excluded. SireMatch GO can take care of problem traits within the herd.

### **SireMatch SELECT**

SireMatch Select is also web based and results in a so-called 'pedigree mating'. Based on the users' customised breeding goal and problem traits, advice will be given that's based on the animal data (from the management system or herdbook) which is uploaded into the system. The reliability of the outcome is very high as SireMatch uses up to five generations, which are in the data file. Genetic defects are excluded and inbreeding is minimised.

### **SireMatch PRO**

The most advanced module of SireMatch combines the pedigree information with linear scoring traits. Scoring can be done using a PDA application. In the web-based PRO module a customised breeding goal can be made and problem traits are taken into account. Genetic defects are excluded and inbreeding is minimised. Extensive reports are at the user's disposal.

## Unique features of SireMatch

### Web based

SireMatch is completely web based and very easy to use. Sire data files are maintained centrally and always up to date. The program is regularly updated and new versions are installed immediately. SireMatch needs no additional software to be installed locally.

### Breeding goal

In every version the user can use one of the six standard breeding goals. Naturally it is possible to make a customised breeding goal. Five traits that require attention can be added and the program will take extra care to improve these traits. So corrective mating is not a problem!

### Packages

Want breeding advice per cow group? You want to use up all the semen in your tank? No problem! Several cow groups per user can easily be made, as can customised bull packages.

### Breeds and crossbreeding

A unique feature of SireMatch is that it can give advice for every breed and every breeding value base. Moreover SireMatch supports crossbreeding between breeds!



### Unbiased matings

SireMatch uses all data available and makes sure that genetic defects are excluded. The user can easily adjust the maximum level of inbreeding. The reports give several sire recommendations.

### Output

Profit functions for each trait support the output of the optimal mating regarding your breeding goal. The mating advice is being presented in several reports with three possible matings. The user can also get a report of sires that should not be used.

### PDA

SireMatch can run on a PDA or hand-held computer. Animals can be type scored using a PDA.

### Genomic selection and sexed semen

SireMatch supports the use of InSire genomically selected young sires and SireX sexed semen.

## Standard breeding goals



### All round

The all-round breeding goal is focussed on breeding a durable, healthy and productive cow. Production and conformation are given equal weighting.



### Production

The breeding goal 'production' emphasises production traits like milk, fat content and protein content. Conformation and health traits are weighed equally.



### Functional type

Functional type puts extra emphasises on the functional conformation traits like udder and feet and legs. A functional cow is a durable problem-free cow.



### Show type

The breeding goal 'show type' focuses strongly on conformation traits like frame and udder.



### Longevity & health

This breeding goal emphasises longevity and health traits like fertility, udder health and the new hoof health index. Within the conformation block, feet and legs and udder are important.



### Pasture based

The pasture-based breeding goal is suitable for seasonal grazing systems or herds that want problem-free cows with good fertility. Durability and health are the main focus, as well as components. Fertility is also given a lot of emphasis.

