



Compass: New Features

July 9, 2020

The Compass online software offers a variety of genetic herd management tools. The new version, online for several weeks now, offers four new features.

The addition of beta-casein A2 results

Earlier this year, the selection of cows that produce milk containing beta-casein A2 made headlines in some agricultural publications. To help the producers to use this selection, beta-casein test results are available under *Herd Genetics* and in the *Bull List*.

Animal	Pedigree	Recessives & Haplotypes	Indexes	Production	Conformation	Functional	Phenotypic
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Recessives & Haplotypes

Estimated Frequency		
Recessive	Herd	Breed
<input type="checkbox"/> BY	5.6%	4.5%
<input type="checkbox"/> BLAD	0.9%	0.5%
<input type="checkbox"/> DUMPS	0.0%	0.0%
<input type="checkbox"/> MF	0.0%	0.1%
<input type="checkbox"/> CVM	0.1%	0.9%
<input type="checkbox"/> POLLED CARRIER	0.4%	1.5%
<input type="checkbox"/> A2 TEST	-	-

Estimated Frequency		
Haplotypes	Herd	Breed
<input type="checkbox"/> HCD	21.4%	11.3%
<input type="checkbox"/> HH1	2.7%	3.9%
<input type="checkbox"/> HH2	4.6%	3.0%
<input type="checkbox"/> HH3	1.0%	3.5%
<input type="checkbox"/> HH4	0.1%	0.2%
<input type="checkbox"/> HH5	4.7%	4.9%
<input type="checkbox"/> HH6	0.1%	0.3%

Addition of My Bulls to the Bull List

My Bulls is a personalized and distinct tab where you can choose your preferred bulls. Your selections will be saved for later use. Bulls can be selected according to the desired genes.

Bull List

The Bull List is ranked by your preferred index to assist with your sire selection. Filter the list for your preferences.

GenomicProvenMACEMy Bulls

My Bulls allows you to flag bulls of particular interest to your farm. These may be bulls you have in your semen tank, or bulls you wish to use in the future. To bring a bull to this list, select the star beside the bulls short name.

Choose Your Traits

Company

Short Name:

Select Values for Filter

Search by Short name

Free from:

Filter for:

Select Values for Filter

☐ POLLED HOMOZYGOUS

☐ POLLED CARRIER

☐ A2 HOMOZYGOUS

☐ A2 TEST


☐ R&W

☐ RDC


Submit

Clear

Short Name	Semen Code	%F	CONF	SCS	DF
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 Lactanet

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 zoetis

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Sire by RK

Add and Modify Traits on the Bull List

You can select and modify up to five traits that are of interest to you on the bull list. This list can be useful to ensure that the chosen bulls are in line with your breeding strategy.

Trait	
PRODUCTION	
<input type="checkbox"/>	Milk Yield
<input checked="" type="checkbox"/>	Fat Yield
<input type="checkbox"/>	Protein Yield
<input checked="" type="checkbox"/>	Fat Deviation
<input type="checkbox"/>	Protein Deviation
CONFORMATION	
<input checked="" type="checkbox"/>	Conformation
<input type="checkbox"/>	Mammary System
<input type="checkbox"/>	Feet & Legs
<input type="checkbox"/>	Dairy Strength
<input type="checkbox"/>	Rump
FUNCTIONAL	
<input type="checkbox"/>	Herd Life
<input checked="" type="checkbox"/>	Somatic Cell Score
<input type="checkbox"/>	Mastitis Resistance
<input type="checkbox"/>	Metabolic Disease Resistance
<input type="checkbox"/>	Hoof Health
<input type="checkbox"/>	Lactation Persistency
<input checked="" type="checkbox"/>	Daughter Fertility

New Location for Parameter Verification

The *verify your metrics* function has been moved to the *Compass* home page and can be found at the top right of the page. Keeping the herd

metrics up to date will ensure that *Compass* can provide the most precise recommendations possible.

To check out these new Compass features, go to Compasscan.ca



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Mario is committed to improving dairy herds. A graduate in Animal Science from McGill University and a member of L'Ordre des agronomes du Québec, he contributes to the development and enhancement of the management tools offered by Lactanet.