

Each year, the genetic base used to express genetic evaluations in Canada is updated in conjunction with the first official proof release.

### Base Changes for 2014 Versus 2013

	AY	BS	CN	GU	HO	JE	MS
LPI <sup>1</sup>	0	0	0	0	0	0	0
Milk (kg)	72	10	56	34	87	32	47
Fat (kg)	3.1	1.7	1.5	1.5	3.7	2.3	2.6
Protein (kg)	2.6	1.3	0.9	1.4	3.1	1.5	1.0
Conformation	0.90	0.46	0.07	0.04	0.86	0.32	0.18
Mammary System	0.80	0.51	0.01	0.48	0.69	0.22	0.17
Feet & Legs	0.77	0.09	0.12	-0.04	0.70	0.07	0.19
Dairy Strength	0.53	0.21	0.27	-0.26	0.62	0.3	0.13
Rump	0.32	0.11	0.05	-0.18	0.47	0.16	0.19
Herd Life <sup>2</sup>	0.52	0.24	0.03	0.07	0.45	0.06	-0.05
Somatic Cell Score <sup>3</sup>	-0.04	-0.01	-0.03	0.02	-0.03	-0.02	-0.02
Daughter Fertility <sup>2</sup>	-0.18	0.15	-0.05	0.15	-0.07	0.10	0.06

1 – Base change for LPI is set to zero since it is already reflected by the change in the "Constant" included in the LPI formula.

2 – Traits expressed on scale of Relative Breeding Values (RBV).

3 – For Somatic Cell Score only, negative base change values represent a desirable trend in genetic progress.

### 2014 LPI Constants:

Holstein – 1755; Ayrshire – 1783; Brown Swiss – 828; Guensey – 602; Jersey – 941; Milking Shorthorn - 1039

### AYRSHIRE

No new additions to our Ayrshire line-up this round but that's not to say that there wasn't lots of news. **Kamouraska Rockstar** saw the largest GLPI jump in the breed gaining 133 points to leap into the 2<sup>nd</sup> spot on the GLPI list with +2802. Much of the gain can be attributed to the strong finish on many of his 1<sup>st</sup> crop daughters in 2<sup>nd</sup> lactation. The Modern son **Rockstar** is now a solid +807 Milk and our best for combined deviation ratings with a +.18% for Fat and Protein. With +12 for Conformation, **Rockstar** is one of the best while his SCS of 2.67, CA of 105 and Herd Life of 104 should make him a very popular choice for our Ayrshire breeders. **Rockstar** is also designated as a **RobotReady™** sire and is available **Sexxed™**. **Kamouraska Decaf (Rockstar's** maternal brother by Jupiter) is still one of the highest milk sires in the breed with +1283 for Milk while offering good components (+.06% Fat, +.11% Protein). He is also designated as a **ReproMax™**, **HealthSmart™** and **Immunity+™** sire which you can expect to be a cow settler offering quality milk (2.91 SCS) and long-lasting cows (108 Herd Life). The Normandin son **Lessard Jumper**, which was added in December, added more daughter data and now stands with 1286 Milk and +11 for type. New for **Jumper** is that we now will have **Sexxed™** semen available on him as well as 3 other Ayrshires (**Rockstar**, **Perfect** and **Bingo**). The **GenoMax™** sire **Des Coteaux MIQUELON**, like Decaf, is designated as **Immunity+™** and in total we now carry 5 **ReproMax™** sires to help breed back your herd with confidence (**Decaf**, **Poker**, **Perfect**, **Bingo** and **Dreamer**).

**JERSEY** - Three new Jersey sires have been added to our line-up this round and one **ShowTime™** sire has been reintroduced:



**Desert Diamond MIND**      **Jupiter x VG-88 Renegade x EX Hallmark x EX Select x VG x EX Brigadier x EX**

- An exciting Jupiter son from 6 gen. of VG or EX dams.
- A significant improver for Milk (1537 kg), Fat (87 kg, +.15%) and Protein (+64 kg, +.06%)
- Expect quality milk (2.91 SCS), tall (+4 Stature) and angular daughters (+12 Angularity)

Areas to protect: Udder Depth, Heel Depth, Chest Width, Pin Width, Low pin set 


**Royalty Ridge FIREPOWER**      **Tequila x Family Hill Comerica Firefly EX-93 (max score) x F. H. Avery Fire EX-95-6E**

- A very promising Tequila son with unlimited potential for Conformation (+11)
- Expect moderate production with solid deviations improvement (+.49% Fat, +.13% Protein)
- Fantastic potential for great udders (+12 Mammary Syst.), strong frames (10 DS) and square rumps (+10)





Areas to protect: Milk, Somatic Cell Score, Milking Speed  

**Paullor CONTENDER**      **Connection x Paullor By Whom Jevette EX-93-3E x Bovi-Lact Jude Jewel VG-89-2YR**

- From the type specialist Connection out of a Nominated All Canadian dam and All Canadian grand-dam
- Expect good deviation improvement (+.33% Fat, +.07% Protein)
- Stylish type with shallow, snug udders (6S Udder Depth, +9 Fore Attachment) and dairy frames (+5 Body Depth)

Areas to protect: Milk, Stature, Pin Width, Daughter Calving Ability 

We have added a designation, **ShowTime™**, for our Jersey breeders to steer them towards Semex sires that have what it takes to sire a special one for the show ring. Our current line-up includes 4 **ShowTime™** sires including **Lencrest On Time**, **Royalty Ridge Firepower**, **Hometown On the Money** and the re-introduced **Bridon Excitation**. This high-type Sambo son was bred to be great stemming from the eminent show and brood cow, Jasper Renaissance's Evening EX-91-3E. Our Jersey **Genomax™** offering still sees 6 high-ranking sires, all of which are outcross sires while 3 are designated as **Health Smart™** sires (**Mantra**, **Da Bomb-P**, and **David**). Additionally **David** is designated as **Repromax™** sire. **David** is also available **Sexxed™** while **Da Bomb-P** is heterozygous polled which means that half of his calves will be born polled. Immune response is highly heritable (25%) and **Immunity+™** sires pass on their natural defense to their daughters and subsequently future generations. By selecting one of our three **Immunity+™** Jersey sires (**David**, **Legacy** or **Mantra**), with naturally high immune response, you can improve your overall herd's health. In all, our Jersey line-up has **8 sires over 700 kg for Milk; 10 sires with positive fat deviations; 13 with positive protein deviations; 8 sires that are +5 or better for Conformation; 10 that are considered Somatic Cell Score improvers; 11 Herd Life improvers and there are 14 different sires represented in our line-up of 15 Jersey sires!**

SIRE	GPA LPI	MILK	FAT	PROT	CONF	MS	FL	DS	RUMP	HL	CA	SCS	PRICE	CATEGORY
Desert Diamond <b>MIND</b>	1880	1537	87 .15%	64 .06%	5	4	2	6	2	102	98	2.91	\$25	 *Pre-Order Only
Royalty Ridge <b>FIREPOWER</b>	1297	-495	8 .49%	-11 .13%	11	12	6	10	10	104	99	3.04	\$32	  *Pre-Order Only
Paullor <b>CONTENDER</b>	1249	-103	17 .33%	1 .07%	8	7	4	5	3	103	99	3,00	\$28	 *Pre-Order Only

For more proof details on any of your favourite Semex sires, go to [www.eastgen.ca](http://www.eastgen.ca) or [www.cdn.ca](http://www.cdn.ca).