



ACCELERATED GENETICS 08/08

	Retail Price	Lifetime Net Merit		Fluid Cheese Merit		Daus.	Herds	Rel.	Milk	Protein		Fat		PTAT	Rel.	UDC	FLC	TPI™	PL	SCS	DPR	SSCE	Calving Ease		DMS	Pedigree	
		Merit	Merit	Merit	Merit					Lbs.	%	Lbs.	%										Rel.	DCE			Rel.
HOLSTEIN PROVEN Sires																											
614H003882	\$45	+270	+198	+314	+353	76	50	88%	+353	+31	+08	+60	+18	+1.46	85%	+79	+1.74	+1499	-1.2	+2.93	-1.9	6%	97%	5%	345	Brett X Emory	
614H004213	\$42	+285	+282	+284	+2045	111	79	91%	+2045	+62	+00	+45	-03	+1.34	89%	+77	+74	+1582	+1.71	+3.16	-1.4	8%	85%	9%	123,135	Dutch Boy X Convincer	
614H004348	\$42	+179	+200	+165	+867	91	60	89%	+867	+20	-02	+43	+04	+1.13	88%	+90	+2.35	+1392	0.0	+3.02	-1.6	8%	77%	8%	456,561	Garter X Storm	
614H004386	\$45	+438	+484	+407	+1637	111	73	90%	+1637	+36	-05	+34	-09	+1.48	89%	+1.38	-46	+1698	+3.7	+2.87	+1.6	8%	78%	5%	345,234	Ito X MO	
614H004460	\$40	+470	+444	+486	+321	105	72	90%	+321	+17	+03	+59	+18	+1.10	88%	+42	+1.25	+1670	+4.6	+2.90	+3.0	7%	72%	7%	462,351	Machoman X Charm	
614H004470	\$45	+245	+288	+217	+445	110	70	89%	+445	+1	-05	-2	-07	+2.19	88%	+1.93	+2.47	+1538	+4.2	+2.87	+1.4	8%	75%	7%	243,165	Outside X Durham	
203H000376	\$65	+477	+430	+504	+1198	97	17	84%	+1198	+49	+05	+36	-03	+2.39	78%	+3.16	+1.38	+1851	+2.7	+2.95	+0.0	6%	78%	6%	126	Forbidden X Addison	
203H000406	\$38	+187	+247	+148	+1433	114	31	87%	+1433	+26	-06	+28	-09	+1.29	79%	+92	+1.03	+1400	+0.6	+3.12	-0.8	5%	76%	6%	N/A	BW Marshall X Terry	
203H000713	\$40	+221	+240	+206	+1819	63	27	84%	+1819	+49	-02	+49	-06	+2.35	75%	+98	+2.61	+1567	-1.6	+3.14	-2.2	8%	61%	7%	N/A	Dutch Boy X Convincer	
550H000833	\$55	+299	+340	+271	+1488	47999	16536	99%	+1488	+33	-04	+32	-08	+2.18	99%	+1.29	+51	+1599	+1.5	+2.78	-0.9	5%	99%	5%	126	Rudolph X Horton	
550H000824	\$45	+125	+183	+88	+920	127	93	86%	+920	+11	-06	+2	-12	+1.74	71%	+07	+1.97	+1327	+1.3	+3.01	+0.3	8%	58%	8%	N/A	Igniter X Blackstar	
550H000894	\$45	+208	+189	+218	+428	70	37	83%	+428	+18	+02	-7	-09	+2.03	67%	+1.44	+1.80	+1451	+2.8	+2.89	-0.2	8%	37%	9%	N/A	Rubens*RC X Storm	
HOLSTEIN YOUNG SIRE (Parent Averages)																											
203H000778	\$35	-----	-----	-----	+2083	-----	-----	38%	+2083	+66	-----	+84	-----	+3.23	40%	+2.37	+2.83	-----	+2.9	+2.84	+0.2	-----	-----	-----	N/A	Shottle X Throne	
JERSEY PROVEN Sires																											
614JE00394	\$42	+180	+120	+217	+201	86	54	90%	+201	+23	+09	+20	+06	+1.10	84%	+3.34	-----	+99	+0.7	+2.88	-0.8	-----	-----	-----	345,135	Hallmark X Alf	
614JE00432	\$42	+257	+312	+219	+2424	77	42	85%	+2424	+57	-14	+54	-28	+80	72%	+2.13	-----	+175	-0.6	+3.19	-2.5	-----	-----	-----	561	Rueben X View	
JERSEY YOUNG Sires (Parent Averages)																											
203JE000653	\$35	+226	+170	+261	-31	-----	-----	-----	-31	+15	-----	+35	-----	+1.2	-----	-----	-----	+115	+1.8	+3.12	+0.8	-----	-----	-----	N/A	Future X Quest	
203JE000769	\$35	+306	+273	+325	+735	-----	-----	-----	+735	+31	-----	+58	-----	+1.5	-----	-----	-----	+166	+0.5	+2.94	-0.6	-----	-----	-----	N/A	Futurity X Lemvig	
203JE000766	\$35	+371	+314	+405	+733	-----	-----	-----	+733	+38	-----	+70	-----	+0.6	-----	-----	-----	+188	+2.0	+3.12	+0.4	-----	-----	-----	N/A	Militia X Lemvig	
203JE000767	\$35	+417	+422	+409	+1748	-----	-----	-----	+1748	+51	-----	+61	-----	+1.3	-----	-----	-----	+211	+2.3	+2.96	-0.8	-----	-----	-----	N/A	Hallmark X Jace	

	Stature	Strength	Body Depth	Dairy Form	Rump Angle	Thurl Width	Rear Legs Set	Rear Legs View	Foot Angle	Feet & Legs Score	Fore Attachment	Rear Under Height	Rear Under Width	Under Cleft	Under Depth	Front Teat Placement	Rear Teat Placement	Teat Length	
																			614H003882
614H004213	2.25T	1.60S	2.04D	2.680	1.05S	0.47W	1.60P	0.87S	1.63S	0.14H	0.64S	0.81H	2.93W	0.10S	0.15D	1.92C	1.27C	0.21S	
614H004348	1.06T	1.60S	1.64D	1.070	1.30S	2.27W	2.47P	2.76S	2.61S	2.06H	0.90S	2.39H	3.14W	0.27W	0.25D	0.84C	0.13W	0.51L	
614H004386	0.85T	0.71S	0.47D	1.020	0.69H	1.38W	1.28S	0.39S	1.63L	0.08L	1.98S	1.59H	2.49W	0.59S	0.85S	1.32C	0.18C	1.15S	
614H004460	0.01T	0.26S	0.28D	0.610	1.17H	0.88W	1.03P	1.04S	1.11S	1.42H	0.77S	1.36H	1.74W	0.41W	0.17D	0.84W	1.07W	0.15S	
614H004470	2.12T	1.34S	1.30D	0.420	0.55S	1.84W	0.60S	3.35S	1.52S	3.07H	2.16S	2.30H	1.21W	1.13S	2.40S	0.41C	0.43C	1.33L	
203H000376	1.51T	0.76S	1.07D	1.860	0.54H	0.52W	1.80S	1.25S	1.49S	0.00H	3.50S	3.05H	4.44W	5.45S	2.83S	5.96C	5.99C	1.46S	
203H000406	0.82T	0.55S	1.18D	1.960	2.25S	0.03W	0.25P	1.37S	0.80S	0.00H	0.71S	1.44H	2.71W	3.81S	0.58D	3.19C	3.78C	2.13L	
203H000713	3.13T	1.40S	2.76D	4.520	1.85S	1.57W	1.44P	2.69S	3.24S	0.00H	1.17S	1.68H	2.96W	2.26W	0.13D	1.98C	2.18C	0.88L	
550H000833	3.09T	2.27S	3.00D	3.310	0.82S	2.34W	1.19P	0.39S	0.39L	0.89H	0.30S	2.79H	3.46W	1.46S	0.28S	0.29C	0.80C	1.13L	
550H000824	0.61T	0.36S	1.12D	2.240	0.61S	0.54W	0.37S	1.67S	1.86S	2.49H	0.18S	0.12L	0.41W	2.92S	1.15D	2.39C	2.74C	2.04L	
550H000894	0.04S	0.31F	0.12S	0.660	1.73H	0.09W	1.43P	0.91S	2.34S	1.92H	0.92S	2.51H	2.24W	2.50S	0.80S	0.98C	2.23C	0.76S	
HOLSTEIN YOUNG SIRE (Parent Averages)																			
203H000778	3.49T	2.47S	2.55D	2.490	0.59S	2.18W	0.05S	2.58S	2.97S	3.28H	2.64S	3.37H	3.04W	2.13S	1.88S	1.31C	1.37C	1.56L	
JERSEY PROVEN Sires																			
614JE00394	0.20T	0.50F	-----	0.700	0.20S	0.60N	0.40S	-----	0.20S	-----	0.40S	1.10H	0.80W	1.60S	0.80S	1.80C	-----	0.70S	
614JE00432	1.40S	0.40F	-----	1.800	0.70H	0.20N	0.90S	-----	0.80L	-----	0.20L	1.50H	1.70W	0.50S	1.10D	1.00C	-----	1.50S	
JERSEY YOUNG Sires (Parent Averages)																			
203JE000653	0.50T	0.50S	-----	0.700	0.10H	0.20W	0.30P	-----	0.80S	-----	1.00S	1.50H	1.00W	0.40S	0.70S	0.70C	-----	0.40L	
203JE000769	0.60T	1.10S	-----	1.400	0.40H	0.70W	0.30P	-----	0.50S	-----	1.80S	2.20H	2.00W	0.30S	0.20S	0.80C	-----	0.30L	
203JE000766	2.10T	1.00S	-----	0.600	0.20S	0.70W	0.10P	-----	1.10S	-----	0.20L	0.10H	0.20N	0.60S	0.70S	0.30W	-----	1.30L	
203JE000767	0.70T	0.40F	-----	1.800	0.60H	0.20N	0.40S	-----	0.50S	-----	0.10S	1.00H	1.30W	0.60S	0.20D	0.80C	-----	0.20S	

What is Acc-ss™?

Acc-ss is sexed semen, available from Accelerated Genetics, that can help you get more heifer calves.

Acc-ss should only be used on virgin heifers and is not recommended for use in lactating cows.

How is Acc-ss made?

Acc-ss sexed semen is processed using flow cytometry to sort the female chromosome-bearing sperm cells from the male chromosome-bearing sperm.

Why should I use Acc-ss sexed semen?

When used properly in well-managed herds, Acc-ss sexed semen can produce more heifer calves for your dairy operation. This allows you to increase your herd size from within, avoiding the high cost of replacement heifers and the risk of disease when bringing in heifers from other dairies.

What is the female ratio for Acc-ss sexed semen?

You can expect a female ratio of about 90 percent.

What is the conception rate of Acc-ss sexed semen?

Research has shown that the conception rate of sexed semen in virgin heifers is 35-40 percent versus 55-60 percent using conventional semen. Because of the lower conception rates, Acc-ss is not recommended for use in lactating cows.

For best results, only inseminate heifers that are in standing heat. Acc-ss is not recommended for use with synchronization programs.

What is the proper way to handle Acc-ss sexed semen straws?

Working with sexed semen is similar to working with conventional semen. However, extra precaution should be taken to ensure an optimum conception rate. See the sidebar at right for steps to ensure a successful insemination with Acc-ss.

Accelerated Genetics representatives can help producers develop an individual breeding strategy for their operations. Contact your local Accelerated Genetics representative for more details.



Artificial insemination straws of the customer's sexed semen are for single use insemination only and not for in vitro-fertilization or embryo transfer. Not for resale. Customer sexed semen is produced by Sexing Technologies using the proprietary technology of XY, Inc. U.S. Patent Nos. 5,135,759; 6,372,422; 7,094,527; 7,208,265. Patents Pending. XY® is a trademark of XY, Inc.

Acc-ss should only be used for a single-use artificial insemination of bovine heifers that are not part of a timed A.I. or synchronization program or being flushed for embryo transfer. For optimum results, use only by those highly experienced in A.I. technique. Acc-ss is subject to availability. Accelerated Genetics, or its agents, will not make any guarantee or warranty on conception rates and/or gender ratio.

RECOMMENDATIONS FOR A SUCCESSFUL INSEMINATION:

Acc-ss sexed semen is only available in 1/4-cc straws and must be used with an insemination gun designed to accommodate the smaller straws.

Because of the smaller straw size, sexed semen straws are more sensitive to cold shock and errors in semen handling.

To help achieve the highest success rates possible:

- Use only in healthy, virgin heifers that have been observed in standing heat.
- Inseminate 8-12 hours after the first detected mounting.
- Use only an experienced A.I. technician and never split straws.
- Always use tweezers, never fingers, to handle straws.
- Remove the selected straw from the canister as quickly as possible. Minimize the container's time above the liquid nitrogen.
- Return the canister to the liquid nitrogen promptly, keeping it out no more than five (5) seconds.
- Ensure that semen is stored at the proper temperature.
- Thaw straws in 95 ° F water for at least 45 seconds.
- Pre-warm the A.I. gun and sheath to avoid cold shock, and thoroughly dry the straw before inserting it into the gun.
- Deposit semen in the uterine body just past the opening of the cervix, as done with conventional semen.



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ACCESS

Sexed Semen

