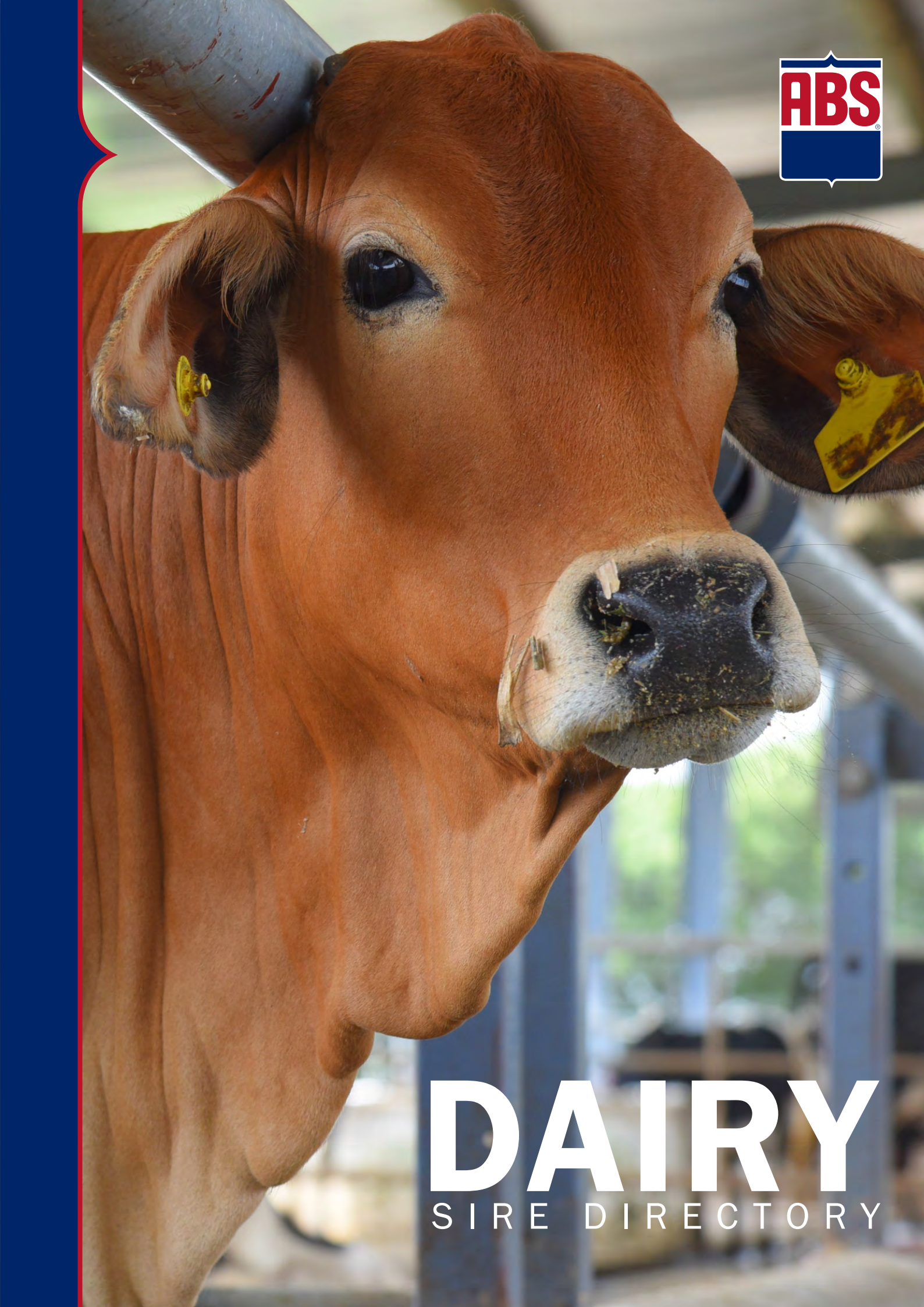


DAIRY

SIRE DIRECTORY

ARE YOU READY TO **SPEED UP** THE **GENETIC** IMPROVEMENT OF YOUR **HERD?**

ABS neo
PRONTO PARA
QUEM QUER MAIS

ABS NEO: Efficient, Simple and Profitable

ABS®

BENEFITS

ABS neo user have the main benefit of faster and efficient genetic gain.

Helping the farmers to grow from within, replacing the non-economical animals

Accelerating intensity of selection

Bringing cutting edge technology at affordable price

Achieving higher herd conception rate

Ensuring the use of ABS's best and modern genetics from elite dams and top ABS bulls

Increasing the number of pregnant females complementing productivity

Benefitting wth heat synchronisation, without the need of extra animal handling

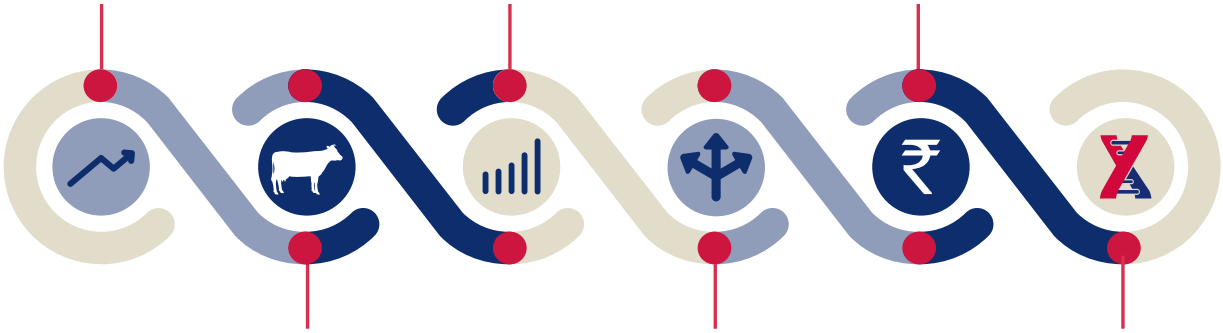
ABS neo
PRONTO PARA QUEM QUER MAIS

Fast Forward your Genetic Progress™

Better Genetics
High IDI, top genetic sires

More Milk
Higher productivity

Easy Calving
Reduced bio-security risk and dystocia



More Heifers
No replacement costs

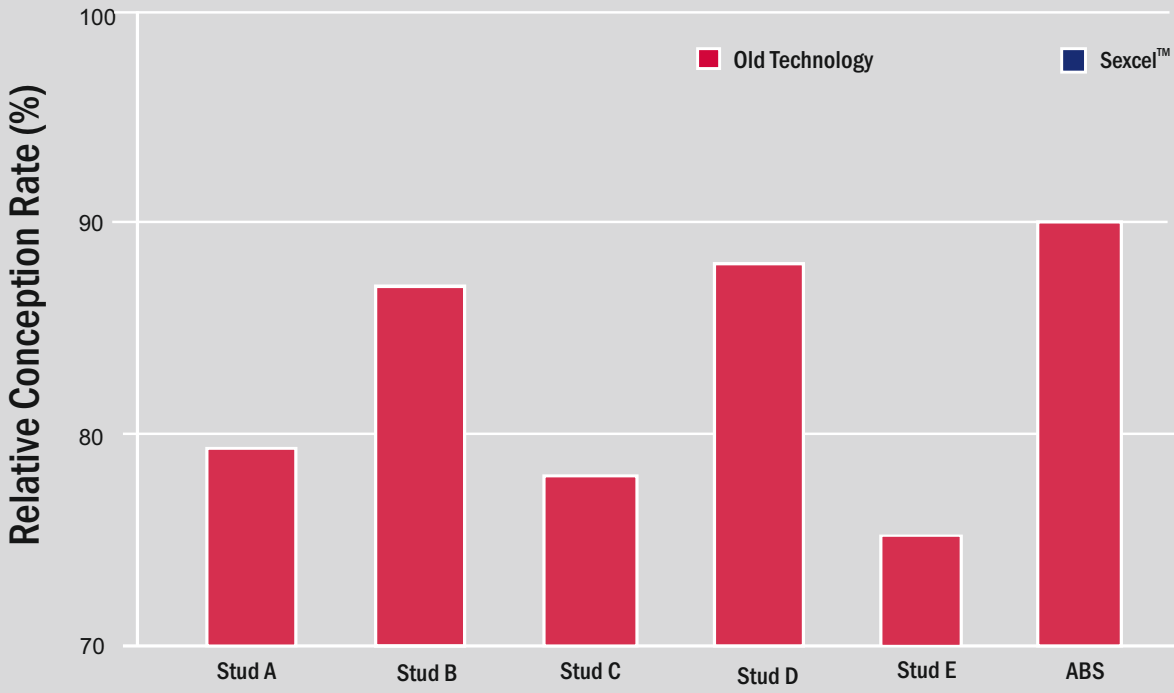
More Profit Sources
Heifer sales

Sexcel
ABS proprietary sexed technology

We have tested and validated Sexcel extensively to be confident of its performance. We were able to do this through field trials involving over 12,000 units of Sexcel.

Our trials show that Sexcel achieves a higher relative conception rate when compared to conventional semen than other sexed genetic products available on the market.*

How does Sexcel™ compare?



* Relative conception rate (RCR) measures conception rate of sexed semen compared to conception rate of conventional semen from the same sires. Data is taken from inseminations in heifers with pregnancy checks at 30-90 days. This data does not reflect a head to head trial. Data source: Sexcel data is from a 2016 ABS Global field trial. Stud A, B, C, D, E data is from customer commercial results 2014-2017 reported through the ABS Real World Data® database for the major bull studs in the AI industry.

Sexcel™

Sexed Genetics

Sexcel™ is ABS Global's sexed genetics product. It has been created using a completely new and unique technology.

Sexcel uses the most advanced technology available on the market today, combined with excellent fertility and the most profitable ABS genetics to help improve product performance.

By using our new Sexcel product, you will get more high value female pregnancies in your herd.

- Sahiwal
- GIR
- Red Sindhi
- Murrah
- Gangatiri
- Tharparkar
- Hariana
- Holstein
- Jersey
- Mehsana
- Crossbreed

ABS PRIMETIME® IMPORTED GENOMIC SIRES

29H019593

ARMADA

CRIMSON X GRANITE X DELTA

+688

Milk (lbs)

29H019596

SPIKE

VIRTUE X JERICHO X SUPERSHOT

+532

Milk (lbs)

ABS

75 years
of GENETIC PROGRESS

ABS India has the imported bull power from USA to provide breeding solutions to producers around the country.

These sires deliver the industry's most sought-after genetics, providing dairy farmers the opportunity to take advantage of elite genetics that deliver profitability through star power and proven ability to add profit to any herd country-wide. Contact your local ABS representative to add power of these ABS PrimeTime Elite Imported Genomic Sires to your breeding program today!

29H019591

HAMMER

SEGWAY X SPOCK X POWERBALL

+585
Milk (lbs)

29H019594

RODEO

JOSUPER X MOGUL X ALTAEMBASSY

+1466
Milk (lbs)

29H019599

TRIUMF

NIKE X EVEREST X DELTA

+1616
Milk (lbs)

29H018388

BEAST

JOSUPER x FREDDIE x PLANET

+1720
Milk (lbs)

+6533
I D I

CDCB 08/20 *Indian Dairy Index

2018 ABS India • 406, Amar Neptune, 4th Floor, Baner Road, Baner, Pune - 411045 INDIA
(+91) 20.65.10.952 • abs.india@genusplc.com • www.genusabsindia.com







1938 Bovine artificial insemination begins using fresh, quickly delivered semen. Small planes air-dropped parachutes of semen to a marker on the ground where the technician was waiting.

1941 Rock Prentice of Barrington, Illinois forms the American Dairy Guernsey Associates (ADGA) of Northern Illinois, the precursor to today's ABS Global. Three Guernsey sires form the core of an organization that would become the first privately owned bull stud in the USA.

1945 Holstein sires, the most popular dairy breed sold globally today, join the ABS lineup and quickly make a name for themselves.

1945 ADGA of Northern Illinois changes its name to the American Scientific Breeding Institute to reflect a greater number of Holsteins than Guernseys.

1946 The UK Ministry of Agriculture builds a stud in Ruthin, England, which would become another ABS facility.

1947 A new year brings a new breed, as Jersey sires join the company lineup.

1947 We move from Illinois to Madison and change our name to Wisconsin Scientific Breeding Institute (WSBI).

1948 Rock Prentice, together with Dr. E.L. Willet, establishes the American Foundation of the Study of Genetics, which would create the first embryo transfer calf a few years later using a now-familiar process known today as In-Vitro Fertilization (IVF).

1950 The company breaks into the beef market when it adds Angus sires to the lineup.

1953 The first semen ampule to hold frozen semen is created. Made of glass, the ampule holds 1.2 cc of semen.

1953 The world meets "Frosty", a healthy heifer and the first North American calf born from frozen semen artificial insemination. Thirty years later, history would be made again when the same semen successfully conceives another AI calf. This spoke to the limitless shelf life of frozen semen.

1954 Our research team adapts photographic equipment to track live sperm cells from each semen collection post-thaw, a process that would remain secret until published 19 years later in 1973.

1956 Dr. Basile Luyet joins the organization. This Catholic priest and prominent cryobiologist perfects a process for freezing and storing semen.

1956 Our researchers collaborate with the Linde Corporation to introduce the industry's first container for transporting frozen semen using liquid nitrogen. Funded by the organization at a cost of $770,000, the container establishes us as the first organization in the USA to rely 100% on liquid nitrogen-refrigerated frozen semen, with Peru becoming the first country to receive frozen semen outside of the USA.

1956 Thanks to our new transport container, drivers can now deliver frozen semen via the first truck route in the Midwest.

1958 Our name is officially changed to American Breeders Service (ABS).

1960 ABS creates linear genetic evaluation systems that would later be adopted by the U.S. Holstein Association.

1960 Rock Prentice plans a young sire program to progeny test sires in a truly random fashion. He has trouble finding accurate, accessible production records. The Department of Agriculture in Beltsville, Maryland has the records, but they lack funding to move forward. Thanks to a generous donation from Rock Prentice, daughter records by bull and breed are published in the first AI sire summary.

1963 ABS geneticist, Dr. Robert E. Walton, introduces the Estimated Daughter Superiority (EDS) measurement. EDS determines the value of bulls old enough to have milking daughters, which lays the foundation for the genetics evaluations used everywhere today. Dr. Walton would go on to become president of ABS.

1965 DeForest, Wisconsin, USA becomes ABS headquarters.

1967 In his later years, Rock Prentice considers several buyers for the company, eventually choosing W.R. Grace & Company.

1968 ABS introduces the first computerized mating program, initially called Genetic Mating Service (GMS), which has made 78 million matings since its inception.

1971 ABS opens for business in France.

1972 St. Jacobs Animal Breeding Corporation builds a bull housing facility, which would later become affiliated with ABS, in Elmira, Ontario, Canada.

1975 Volume 1, No. 1 of the Genetic Trait Summary (GTS) is published in the USA. This first-of-its-kind dataset would become a valuable asset for mating cows with the GMS program.

1978 ABS invents and introduces a monitor ampule placed with stored semen, improving quality control by ensuring semen is stored at the proper temperature.

1980 Our patented, proprietary wind tunnel semen freezing system freezes straws in the same package the customer receives.

1980 Our Reproductive Management System (RMS) manages herd reproduction by providing heat detection, artificial insemination breeding, synchronization and data management services from professional technicians.

1982 Glass ampules are converted to a clear 0.5 cc straw and ABS would begin offering 0.5 cc and 0.25 cc straws globally.

1938 1953 1956 1960 1968 1975 1980 1997

ABS 75 Years of Genetic Progress

1993 Ardshiel, Inc. acquires the company and changes its name to ABS Global.

1994 ABS Global opens a branch in Mexico.

1996 Our partnership with Circle A Ranch and the Angus Sire Alliance makes ABS Global the exclusive marketing agent for the most profitable beef bulls.

1996 ABS Global enters into a joint venture with Incorporated Pecplan Bradesco, a Brazilian company that imports and distributes insemination products, adopting their stud as our own. The joint venture becomes known as ABS Pecplan.

1997 ABS Global announces the arrival of "Gene", the world's first cloned bovine calf. Even though Gene is in the womb at the same time as Dolly the Sheep, the world's first cloned animal, Dolly is born first due to the shorter gestation period for sheep.

1998 ABS Global introduces Valiant®, a line of teat dip named after the influential ABS sire.

2007 The company creates Fertility Plus®, a semen fertility product that increases conception rate.

2007 ABS Global purchases land in Dekorra, Wisconsin, USA, located just north of DeForest, where it builds a second headquarters facility with European-approved collection barns, isolation barn, and processing lab, as well as a state-of-the-art observation deck, arrival facilities, the Vern Meier Historical Barn and a number of other ongoing projects.

2008 ABS Global begins genomic testing, analyzing DNA to estimate future performance more reliably and at an earlier age. Today, all sires that come into the ABS program are genomic-tested.

2009 ABS Global makes history with the only stud to have nine "millionaire" sires, each of which has produced and sold more than one million units of semen.

2011 Collections start in the Whenby, England facility.

2015 ABS Global develops TransitionRight™, a genetic solution to help prevent the multiple, post-calving metabolic disorders (Mastitis, Metritis, Ketosis) that can occur during transition, the most crucial period in a cow's life.

2015 ABS Global acquires In-Vitro Brazil (IVB), the world leader in commercial bovine In-Vitro Fertilization (IVF).

2015 GPLAN, a mating program for Girolando bulls, is released in Brazil.

2015 Y SYNC, an app that facilitates heat cycle synchronization in herds is launched in Brazil. The software is also used to monitor and collect information for the Fixed Time AI (FTAI) Beef Program.

2006 2009 2012 2015 2016 2017 2020

1999 Genus plc, a publicly traded company based out of the UK, purchases ABS Global.

2000 Powerstart™ silage additive enters the UK market, finding tremendous success.

2002 Genus plc buys ABS Australia followed a few years later by the purchase of Riverina Artificial Breeders (RAB), the second largest semen production and progeny testing center in Australia.

2005 Genus plc purchases PIC, the largest porcine genetics company in the world. PIC is short for Pig Improvement Company.

2005 The power of three is a success when ABS China, ABS Argentina, and ABS Russia are founded.

2005 Computer Assisted Sperm Analysis (CASA) replaces the photographic tracking process for post-thaw semen checks.

2006 ABS Global introduces the ABS Sexation® product line globally after a successful introduction in Brazil.

2006 ABS Global begins business in Germany.

2011 As part of the new Dairy InFocus℠ program, cows with a lower genetic ranking are bred to beef and the resulting calves are sold at a premium while top-performing cows are used to create dairy replacement heifers. Today, InFocus is recognized as the leading source for premium dairy beef feeder cattle.
ABS India is founded.

2012 ABS Global becomes the first company to use a proprietary database. Real World Data® (RWD) contains millions of cow records from herds around the world.

2012 Using RWD, the company launches Sire Fertility, an index to measure a sire's semen fertility.

2012 Using Grow Safe technology, a partnership between ABS Pecplan and Rancho da Matinha creates IR $ M, an economic feed efficiency index for Nelore cattle.

2012 ABS Pecplan achieves success with its introduction of ABS Monitor software for monitoring dairy herds.

2014 The Global Production System (GPS) computerizes the entire production process. From collection through processing and storage, bar codes are used to track the semen of studs around the world.

2014 Our Net Profit Genetics™ program helps create more efficient, low-maintenance and sustainable herds.

2015 ABS Global launches ABS NEO, an embryo program powered by exclusive IVB Transfer™ technology.

2015 The Ruthin Gallery, a viewing room, meeting room and education center opens in the UK.

2015 ABS Global produces the first commercial units from our proprietary genomic bulls, each of which is born from our elite female nucleus herd.

2016 ABS India inaugurates its new State-of-the-art Dairy genetics facility - **BRAHMA**

2016 ABS Global acquires St. Jacobs ABC, an elite dairy genetics supplier that has been providing ABS with prestigious genetics since 1990.

2016 The company celebrates 75 exciting years of genetic progress.

2017 ABS Global launches Sexcel™ Sexed Genetics.
ABS India imports live Holstein bulls from USA.

2020 ABS India launches Neo – IVF Sexed Pregnancy.
ABS India imports live Holstein and Jersey bulls from USA.

Sexcel™ Sexed Genetics

ABS 75 years of GENETIC PROGRESS

ABS GLOBAL

Headquartered in DeForest, Wisconsin, U.S.A., **ABS Global**, Inc. is the world-leading provider of genetic improvement solutions and reproduction services that help customers **PROFIT FROM GENETIC PROGRESS**. Marketing in nearly 80 countries around the globe, ABS has been at the forefront of animal genetics and technologies since its founding 75 years ago. **ABS Global** is a division of Genus plc.

Our strength in this ever-changing market comes with over 75 years of service to dairy producers around the world. And while we recognize no single formula can solve the genetic needs of every operation in the world, we are focused on the single goal of helping our customers succeed. As a result, **ABS** offers a varied line of superior genetics-with unique services, technology and products-to meet the demands of the many climates, market variations and preferences of the cultures we serve.

Along with these quality tools, are quality people who understand the value and need of the service they provide. Wherever you find **ABS**, you'll find people committed to the success of the customers we serve-striving to provide protein and energy to more of the world's people.

GLOBAL FACILITIES	
North America	USA, Canada
South America	Brazil
Europe	UK, Italy
Asia	India
Australia	Australia

MANY FIRST from ABS GLOBAL	
1953	ABS produced first calf using frozen semen in North America - "FROSTY"
1956	ABS developed the first cryogenic insulated vessel with Union Carbide
1960	ABS launched first comprehensive system of genetic linear assessment for Type
1968	ABS launched GMS - First Comprehensive program designed to optimize genetic progress
1988	ABS became the first company to successfully clone bulls out of embryo splitting
1997	ABS produced first cloned calf out of a somatic cell, named "GENE"
2008	Incorporated genomic values in its sire acquisition program
2013	18 of ABS bulls cross One Million Mark...
2015	ABS Global develops TransitionRight™, a genetic solution to help prevent the multiple, post-calving metabolic disorders.
	ABS Global acquires In-Vitro Brazil (IVB), the world leader in commercial bovine In-Vitro Fertilization (IVF).
2016	The company celebrates 75 exciting years of genetic progress.
2017	ABS Global launches Sexcel™ Sexed Genetics.

ABS INDIA

Genus Breeding India **(ABS India)** is part of Genus PLC- the world's leading provider of bovine genetics and reproduction services, marketing in nearly 80 countries around the globe. Genus Breeding India Pvt. Ltd. is a fully owned subsidiary of Genus PLC (listed on the UK stock exchange) and was established in early 2010-11. Through Genus' extensive research and development programme, its cutting edge technology is being used to maximise the potential of dairy farms throughout the world.

Genus Breeding India **(ABS India)** is part of ABS Global, a division of Genus plc. Worldwide Genus PLC is the owner of ABS and PIC, the two largest companies in bovine and porcine genetics respectively. Genus PLC also owns Promar International, the leading livestock consulting company in the world.

Genus Breeding India **(ABS India)** has also entered into a Production JV with Chitale Dairy situated in Maharashtra for production of semen from the selected elite bulls in India through Chitale Genus ABS (India) Pvt. Ltd. **ABS India** adopts its international standard for selection of bulls for semen production with regards to genetics and health standards. ABS India has also started producing and marketing semen produced out of the live bulls imported from U.S.A. for the first time in the country. **ABS India** has a robust ET programme for semen production from bulls born through embryos imported from North America and genomically testing them.

In 2017, **ABS India** deployed Genus IntelliGen™ Technology, in India and started first bovine semen sexing lab in the country at its Brahma Genetics Facility, Chitale Genus ABS India Private Limited, near Pune in Maharashtra.

Sexcel Sexed Genetics

With IntelliGen™, we are providing sexed genetics for breeds like Holstein, Jerseys & indigenous breeds like Sahiwal, Red Sindhi Gir, along with crossbreeds and Murrah buffaloes for the first time. We are offering 21st Century technology which leads to more good quality heifers, higher profits, and therefore, a better and improved way of life for farmers.

INDIA PRODUCTION FACILITY

Maharashtra (Near Pune)

The recently launched Genus IntelliGen™ Technology process to develop sexed bovine genetics does not subject cells to the high pressures, electric currents and shear forces. The result is a product that helps customers maximize their profitability and reach their end goals in a fast and efficient manner.

DISTRIBUTION CENTERS

Andhra Pradesh, Bihar, Chhattisgarh, Gujarat, Haryana, Karnataka, Kerala, Maharashtra, Punjab, Rajasthan, Tamil Nadu, Telangana, Uttarakhand, Uttar Pradesh, West Bengal

For more information on Genus IntelliGen Technologies, please visit www.genusplc.com. To learn more about Sexcel sexed genetics visit www.abssexcel.com

ARMADA

29HO19593
Born: 18/03/2019
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

COMING SOON

COMING SOON

Sexcel Sexed Genetics

Pedigree: CRIMSON X GRANITE X DELTA
Sire: ABS CRIMSON-ET NM$: +715 TPI®: +2810
DAM: DE-SU GRANITE 7058-ET EFI: 9.4%
MGS: PROGENESIS GRANITE-ET
Indian Dairy Index
IDI Merit (₹)
Real World Data* TransitionRight®: ★★★☆☆

CDCB 08/20		
PRODUCTION		
Milk	+688 lbs	77% Rel
Protein	+42 lbs	+0.07%
Fat	+80 lbs	+0.19%
HEALTH & FERTILITY		
Productivity Life	+6.4	73% Rel
Daughter Pregnancy Rate	+0.7	73% Rel
Somatic Cell Score	2.74	75% Rel
CALVING TRAITS		
Sire Calving Ease	2.3%	62% Rel
Daughter Calving Ease	2.3%	56% Rel
Sire Stillbirths	5.3%	58% Rel
Daughter Stillbirths	4.5%	53% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 74%
		-2 -1 0 +1 +2	
Type	**0.80**		
Udder Composite	**0.46**		
Feet & Legs Composite	**0.56**		
Body Composite	**0.52**		
Stature	**1.11** Tall		
Strength	**0.66** Strong		
Body Depth	**0.66** Deep		
Dairy Form	**0.90** Open		
Rump Angle	**1.18** Sloped		
Thurl Width	**0.95** Wide		
Rear Legs-Side View	**–0.50** Straight		
Rear Legs-Rear View	**0.78** Straight		
Foot Angle	**0.78** Steep		
Feet & Legs Score	**0.76** High		
Fore Udder Attachment	**0.66** Strong		
Udder Height	**0.82** High		
Udder Width	**0.75** Wide		
Udder Cleft	**0.50** Strong		
Udder Depth	**0.65** Shallow		
Front Teat Placement	**0.39** Close		
Rear Teat Placement	**0.51** Close		
Teat Length	**0.61** Long		

SPIKE

29HO19596
Born: 05/03/2019
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

COMING SOON

COMING SOON

Sexcel Sexed Genetics

Pedigree: VIRTUE X JERICHO X SUPERSHOT
Sire: DENOVO 14306 VIRTUE-ET NM$: +644 TPI®: +2693
DAM: ABS JERICHO 7760-ET EFI: 9.5%
MGS: IHG ABS JERICHO-ET
Indian Dairy Index
IDI Merit (₹)
Real World Data* TransitionRight®: ★★★★☆

CDCB 08/20		
PRODUCTION		
Milk	+532 lbs	77% Rel
Protein	+33 lbs	+0.06%
Fat	+70 lbs	+0.17%
HEALTH & FERTILITY		
Productivity Life	+5.9	73% Rel
Daughter Pregnancy Rate	+1.7	73% Rel
Somatic Cell Score	2.86	75% Rel
CALVING TRAITS		
Sire Calving Ease	1.8%	61% Rel
Daughter Calving Ease	2.2%	56% Rel
Sire Stillbirths	4.4%	56% Rel
Daughter Stillbirths	4.7%	53% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 74%
		-2 -1 0 +1 +2	
Type	**0.48**		
Udder Composite	**0.56**		
Feet & Legs Composite	**0.74**		
Body Composite	**–0.77**		
Stature	**–0.71** Short		
Strength	**–0.35** Frail		
Body Depth	**–0.36** Shallow		
Dairy Form	**0.38** Open		
Rump Angle	**–0.76** High Pins		
Thurl Width	**–0.84** Narrow		
Rear Legs-Side View	**0.81** Curved		
Rear Legs-Rear View	**0.63** Straight		
Foot Angle	**–0.02** Low		
Feet & Legs Score	**0.57** High		
Fore Udder Attachment	**1.00** Strong		
Udder Height	**0.55** High		
Udder Width	**0.51** Wide		
Udder Cleft	**–0.46** Weak		
Udder Depth	**0.05** Shallow		
Front Teat Placement	**0.22** Close		
Rear Teat Placement	**–0.15** Wide		
Teat Length	**–0.28** Short		

HAMMER

29HO19591
Born: 16/03/2019
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

COMING SOON

COMING SOON

Sexcel Sexed Genetics

Pedigree: SEGWAY X SPOCK X POWERBALL
Sire: DENOVO 7885 SEGWAY-P-ET **NM$: +769** **TPI®: +2857**
DAM: ABS SPOCK 7702-P-ET **EFI: 8.6%**
MGS: ROSYLANE-LLC SPOCK-ET
Indian Dairy Index
IDI Merit (₹)
Real World Data* TransitionRight®: ★★★★☆

CDCB 08/20	
PRODUCTION	
Milk	+585 lbs 77% Rel
Protein	+41 lbs +0.08%
Fat	+107 lbs +0.30%
HEALTH & FERTILITY	
Productivity Life	+4.3 73% Rel
Daughter Pregnancy Rate	0.0 72% Rel
Somatic Cell Score	2.84 75% Rel
CALVING TRAITS	
Sire Calving Ease	2.8% 61% Rel
Daughter Calving Ease	2.9% 56% Rel
Sire Stillbirths	6.1% 55% Rel
Daughter Stillbirths	4.6% 53% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 74%
		-2 -1 0 +1 +2	
Type	**0.82**		
Udder Composite	**1.31**		
Feet & Legs Composite	**–0.04**		
Body Composite	**–1.05**		
Stature	**0.32** Tall		
Strength	**–0.72** Frail		
Body Depth	**–0.37** Shallow		
Dairy Form	**1.36** Open		
Rump Angle	**–0.62** High Pins		
Thurl Width	**0.38** Wide		
Rear Legs-Side View	**0.53** Curved		
Rear Legs-Rear View	**–0.45** Hock-In		
Foot Angle	**0.12** Steep		
Feet & Legs Score	**0.17** High		
Fore Udder Attachment	**0.92** Strong		
Udder Height	**1.72** High		
Udder Width	**1.58** Wide		
Udder Cleft	**0.91** Strong		
Udder Depth	**1.34** Shallow		
Front Teat Placement	**0.09** Close		
Rear Teat Placement	**0.26** Close		
Teat Length	**–0.09** Short		

RODEO

29HO19594
Born: 03/03/2019
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

COMING SOON

COMING SOON

Sexcel Sexed Genetics

Pedigree: JOSUPER X MOGUL X ALTAEMBASSY
Sire: UECKER SUPERSIRE JOSUPER-ET **NM$: +688** **TPI®: +2734**
DAM: ABS 7484 ANNA-ET **EFI: 9.5%**
MGS: WOODCREST MOGUL YODER-ET
Indian Dairy Index
IDI Merit (₹)
Real World Data* TransitionRight®: ★★★☆☆

CDCB 08/20	
PRODUCTION	
Milk	+1466 lbs 80% Rel
Protein	+48 lbs +0.01%
Fat	+90 lbs +0.11%
HEALTH & FERTILITY	
Productivity Life	+4.2 77% Rel
Daughter Pregnancy Rate	–1.1 76% Rel
Somatic Cell Score	2.87 78% Rel
CALVING TRAITS	
Sire Calving Ease	2.2% 63% Rel
Daughter Calving Ease	2.5% 62% Rel
Sire Stillbirths	4.9% 59% Rel
Daughter Stillbirths	4.5% 60% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 79%
		-2 -1 0 +1 +2	
Type	**0.52**		
Udder Composite	**0.31**		
Feet & Legs Composite	**0.23**		
Body Composite	**0.21**		
Stature	**0.00** Tall		
Strength	**0.56** Strong		
Body Depth	**0.30** Deep		
Dairy Form	**0.56** Open		
Rump Angle	**–1.04** High Pins		
Thurl Width	**0.26** Wide		
Rear Legs-Side View	**0.11** Curved		
Rear Legs-Rear View	**0.40** Straight		
Foot Angle	**–0.23** Low		
Feet & Legs Score	**0.19** High		
Fore Udder Attachment	**0.03** Strong		
Udder Height	**0.75** High		
Udder Width	**0.69** Wide		
Udder Cleft	**0.37** Weak		
Udder Depth	**–0.51** Deep		
Front Teat Placement	**0.15** Close		
Rear Teat Placement	**0.48** Close		
Teat Length	**–0.06** Short		

TRIUMF

29HO19599
Born: 26/02/2019
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

COMING SOON

COMING SOON

Sexcel Sexed Genetics

Pedigree: NIKE X EVEREST X DELTA

Sire: ABS NIKO-ET **NM$: +726** **TPI®: +2813**

DAM: DE-SU EVEREST 6970-ET **EFI: 9.4%**

MGS: SANDY-VALLEY EVEREST-ET

Indian Dairy Index

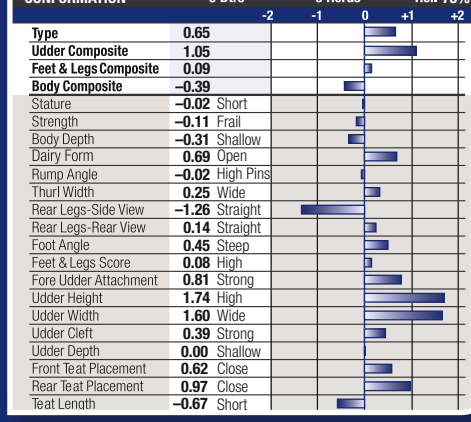
IDI Merit (₹)

Real World Data* TransitionRight®: ★★★☆☆

CDCB 08/20

PRODUCTION		
Milk	+1616 lbs	77% Rel
Protein	+53 lbs	+0.01%
Fat	+108 lbs	+0.15%
HEALTH & FERTILITY		
Productivity Life	+3.6	73% Rel
Daughter Pregnancy Rate	–1.1	68% Rel
Somatic Cell Score	3.03	73% Rel
CALVING TRAITS		
Sire Calving Ease	2.1%	61% Rel
Daughter Calving Ease	2.6%	56% Rel
Sire Stillbirths	4.6%	56% Rel
Daughter Stillbirths	5.3%	53% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 75%
Type	**0.65**		
Udder Composite	**1.05**		
Feet & Legs Composite	**0.09**		
Body Composite	**–0.39**		
Stature	**–0.02** Short		
Strength	**–0.11** Frail		
Body Depth	**–0.31** Shallow		
Dairy Form	**0.69** Open		
Rump Angle	**–0.02** High Pins		
Thurl Width	**0.25** Wide		
Rear Legs-Side View	**–1.26** Straight		
Rear Legs-Rear View	**0.14** Straight		
Foot Angle	**0.45** Steep		
Feet & Legs Score	**0.08** High		
Fore Udder Attachment	**0.81** Strong		
Udder Height	**1.74** High		
Udder Width	**1.60** Wide		
Udder Cleft	**0.39** Strong		
Udder Depth	**0.00** Shallow		
Front Teat Placement	**0.62** Close		
Rear Teat Placement	**0.97** Close		
Teat Length	**–0.67** Short		



STRYKER

29HO18390
Born: 05/08/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Sexcel Sexed Genetics · A2

Pedigree: BOASTFUL x YOWZA x O-STYLE
Sire: BOASTFUL — **NM$: +348** — **TPI®: +2415**
DAM: COASTAL-VIEW YOWZA 172-ET — **EFI: 8.7%**
MGS: YOWZA
Indian Dairy Index +7102 — INDIA DAIRY INDEX 7102
IDI Merit (₹) 71,020
Real World Data® TransitionRight®: ★★★★★

CDCB 08/20

PRODUCTION		
Milk	+403 lbs	80% Rel
Protein	+27 lbs	+0.05%
Fat	+33 lbs	+0.06%
HEALTH & FERTILITY		
Productivity Life	+2.8	77% Rel
Daughter Pregnancy Rate	+0.3	76% Rel
Somatic Cell Score	2.69	78% Rel
CALVING TRAITS		
Sire Calving Ease	2.1%	63% Rel
Daughter Calving Ease	2.1%	61% Rel
Sire Stillbirths	5.5%	59% Rel
Daughter Stillbirths	4.1%	59% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 80%
Type	**0.53**		
Udder Composite	**0.55**		
Feet & Legs Composite	**0.19**		
Body Composite	**1.41**		
Stature	**1.50** Tall		
Strength	**1.07** Strong		
Body Depth	**0.44** Deep		
Dairy Form	**–0.38** Tight		
Rump Angle	**–0.05** High Pins		
Thurl Width	**0.47** Wide		
Rear Legs-Side View	**0.52** Curved		
Rear Legs-Rear View	**0.06** Straight		
Foot Angle	**1.25** Steep		
Feet & Legs Score	**0.58** High		
Fore Udder Attachment	**1.21** Strong		
Udder Height	**0.77** High		
Udder Width	**0.71** Wide		
Udder Cleft	**0.54** Strong		
Udder Depth	**1.45** Shallow		
Front Teat Placement	**–0.24** Wide		
Rear Teat Placement	**–0.36** Wide		
Teat Length	**0.72** Long		

STURDY

29HO18386
Born: 05/06/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Photo: Beth Hergs

Pedigree: ALTASPRING x TANGO x SHAMROCK
Sire: ALTASPRING — **NM$: +423** — **TPI®: +2428**
DAM: RICHMOND-FD TANGO JULY-ET — **EFI: 8.5%**
MGS: TANGO
Indian Dairy Index +6995 — INDIA DAIRY INDEX 6995
IDI Merit (₹) 69,948
Real World Data® TransitionRight®: ★★★★☆

CDCB 08/20

PRODUCTION		
Milk	+609 lbs	81% Rel
Protein	+23 lbs	+0.01%
Fat	+51 lbs	+0.10%
HEALTH & FERTILITY		
Productivity Life	+2.8	78% Rel
Daughter Pregnancy Rate	+0.3	77% Rel
Somatic Cell Score	2.92	79% Rel
CALVING TRAITS		
Sire Calving Ease	1.9%	69% Rel
Daughter Calving Ease	1.8%	69% Rel
Sire Stillbirths	5.3%	62% Rel
Daughter Stillbirths	3.7%	62% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 80%
Type	**–0.03**		
Udder Composite	**0.46**		
Feet & Legs Composite	**0.24**		
Body Composite	**–1.23**		
Stature	**–0.89** Short		
Strength	**–0.96** Frail		
Body Depth	**–0.81** Shallow		
Dairy Form	**0.70** Open		
Rump Angle	**0.57** Sloped		
Thurl Width	**0.34** Wide		
Rear Legs-Side View	**–0.82** Straight		
Rear Legs-Rear View	**0.28** Straight		
Foot Angle	**–0.31** Low		
Feet & Legs Score	**0.02** High		
Fore Udder Attachment	**0.06** Strong		
Udder Height	**0.76** High		
Udder Width	**0.70** Wide		
Udder Cleft	**0.07** Strong		
Udder Depth	**–0.42** Deep		
Front Teat Placement	**0.52** Close		
Rear Teat Placement	**0.58** Close		
Teat Length	**–1.20** Short		

HULK

29HO18398
Born: 08/07/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Photo: Beth Hergs

Sexcel Sexed Genetics

Pedigree: MAIN EVENT x ALTAEMBASSY x ROBUST

Sire:	MAIN EVENT	**NM$:** +267	**TPI®:** +2316
DAM:	COMPASS-TRT AMRC AE J925-ET	**EFI:** 9.5%	
MGS:	ALTAEMBASSY		
Indian Dairy Index		+6740	
IDI Merit (₹)		67,402	
Real World Data* TransitionRight®:		★★★☆☆	

INDIA DAIRY INDEX 6740

CDCB 08/20

PRODUCTION		
Milk	+782 lbs	81% Rel
Protein	+22 lbs	–0.01%
Fat	+24 lbs	–0.02%
HEALTH & FERTILITY		
Productivity Life	+1.6	78% Rel
Daughter Pregnancy Rate	+0.7	78% Rel
Somatic Cell Score	2.95	79% Rel
CALVING TRAITS		
Sire Calving Ease	2.3%	69% Rel
Daughter Calving Ease	2.7%	69% Rel
Sire Stillbirths	6.1%	63% Rel
Daughter Stillbirths	5.6%	63% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel.80%
		-2 -1 0 +1 +2	
Type	**0.56**		
Udder Composite	**0.72**		
Feet & Legs Composite	**0.81**		
Body Composite	**–0.20**		
Stature	**–0.10** Short		
Strength	**–0.04** Frail		
Body Depth	**–0.35** Shallow		
Dairy Form	**0.04** Open		
Rump Angle	**–0.28** High Pins		
Thurl Width	**–0.60** Narrow		
Rear Legs-Side View	**–1.08** Straight		
Rear Legs-Rear View	**0.80** Straight		
Foot Angle	**0.88** Steep		
Feet & Legs Score	**0.74** High		
Fore Udder Attachment	**0.45** Strong		
Udder Height	**1.03** High		
Udder Width	**0.95** Wide		
Udder Cleft	**0.48** Strong		
Udder Depth	**0.40** Shallow		
Front Teat Placement	**0.25** Close		
Rear Teat Placement	**0.53** Close		
Teat Length	**–0.83** Short		

BEAST

29HO18388
Born: 01/08/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Photo: Patty Jones

Sexcel Sexed Genetics A2

Pedigree: JOSUPER x FREDDIE x PLANET

Sire:	JOSUPER	**NM$:** +390	**TPI®:** +2400
DAM:	ROCKYMOUNTAIN FREDIE RASCAL-ET	**EFI:** 8.8%	
MGS:	FREDDIE		
Indian Dairy Index		+6533	
IDI Merit (₹)		65,325	
Real World Data* TransitionRight®:		★★★★☆	

INDIA DAIRY INDEX 6533

CDCB 08/20

PRODUCTION		
Milk	+1305 lbs	80% Rel
Protein	+40 lbs	0.00%
Fat	+33 lbs	–0.06%
HEALTH & FERTILITY		
Productivity Life	+3.8	77% Rel
Daughter Pregnancy Rate	+0.1	76% Rel
Somatic Cell Score	2.84	78% Rel
CALVING TRAITS		
Sire Calving Ease	2.2%	70% Rel
Daughter Calving Ease	2.7%	69% Rel
Sire Stillbirths	5.4%	62% Rel
Daughter Stillbirths	6.1%	62% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 78%
		-2 -1 0 +1 +2	
Type	**–0.10**		
Udder Composite	**–0.02**		
Feet & Legs Composite	**–0.16**		
Body Composite	**0.31**		
Stature	**–0.29** Short		
Strength	**0.17** Strong		
Body Depth	**–0.68** Shallow		
Dairy Form	**–0.94** Tight		
Rump Angle	**–0.59** High Pins		
Thurl Width	**–0.79** Narrow		
Rear Legs-Side View	**–0.22** Straight		
Rear Legs-Rear View	**–0.31** Hock-In		
Foot Angle	**–0.22** Low		
Feet & Legs Score	**–0.18** Low		
Fore Udder Attachment	**–0.02** Loose		
Udder Height	**0.25** High		
Udder Width	**0.23** Wide		
Udder Cleft	**–0.59** Weak		
Udder Depth	**–0.25** Deep		
Front Teat Placement	**–0.77** Wide		
Rear Teat Placement	**–0.77** Wide		
Teat Length	**0.06** Long		

BRUTE

29HO18391
Born: 09/08/2015
Bred by: Genus ABS Global, USA

Photo: Cybil Fisher

Sexcel Sexed Genetics A2

Pedigree: MONTROSS x ALTAEMBASSY x ROBUST

Sire: MONTROSS **NM$:** +411 **TPI®:** +2465

DAM: COMPASS-TRT AMRC AE J925-ET **EFI:** 9.5%

MGS: ALTAEMBASSY

Indian Dairy Index +5883

IDI Merit (₹) 58,826

Real World Data* TransitionRight®: ★☆☆☆☆

INDIA DAIRY INDEX 5883

CDCB 08/20

PRODUCTION		
Milk	+1645 lbs	81% Rel
Protein	+51 lbs	+0.00%
Fat	+67 lbs	+0.01%
HEALTH & FERTILITY		
Productivity Life	+0.3	78% Rel
Daughter Pregnancy Rate	–2.4	78% Rel
Somatic Cell Score	3.13	79% Rel
CALVING TRAITS		
Sire Calving Ease	2.3%	64% Rel
Daughter Calving Ease	2.7%	62% Rel
Sire Stillbirths	5.7%	61% Rel
Daughter Stillbirths	6.9%	61% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 80%
		-2 -1 0 +1 +2	
Type	**0.74**		
Udder Composite	**0.78**		
Feet & Legs Composite	**0.22**		
Body Composite	**–0.21**		
Stature	**0.13** Tall		
Strength	**0.50** Strong		
Body Depth	**0.57** Deep		
Dairy Form	**1.44** Open		
Rump Angle	**0.76** Sloped		
Thurl Width	**0.18** Wide		
Rear Legs-Side View	**–1.02** Straight		
Rear Legs-Rear View	**0.22** Straight		
Foot Angle	**0.46** Steep		
Feet & Legs Score	**0.25** High		
Fore Udder Attachment	**0.34** Strong		
Udder Height	**1.82** High		
Udder Width	**1.67** Wide		
Udder Cleft	**0.11** Strong		
Udder Depth	**–0.44** Deep		
Front Teat Placement	**0.03** Close		
Rear Teat Placement	**0.22** Close		
Teat Length	**0.40** Short		

DUSTER

29HO18392
Born: 04/08/2015
Bred by: Genus ABS Global, USA

Photo: Billy Heath

Sexcel Sexed Genetics A2

Pedigree: DONATELLO x FREDDIE x PLANET

Sire: DONATELLO **NM$:** +239 **TPI®:** +2208

DAM: ROCKYMOUNTAIN FREDIE RASCAL-ET **EFI:** 8.6%

MGS: FREDDIE

Indian Dairy Index +5836

IDI Merit (₹) 58,357

Real World Data* TransitionRight®: ★★★★☆

INDIA DAIRY INDEX 5836

CDCB 08/20

PRODUCTION		
Milk	+441 lbs	80% Rel
Protein	+18 lbs	+0.02%
Fat	+12 lbs	–0.02%
HEALTH & FERTILITY		
Productivity Life	+1.9	77% Rel
Daughter Pregnancy Rate	+1.8	76% Rel
Somatic Cell Score	3.04	78% Rel
CALVING TRAITS		
Sire Calving Ease	1.8%	62% Rel
Daughter Calving Ease	1.9%	61% Rel
Sire Stillbirths	5.9%	59% Rel
Daughter Stillbirths	5.2%	59% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 78%
		-2 -1 0 +1 +2	
Type	**–0.72**		
Udder Composite	**–0.09**		
Feet & Legs Composite	**–0.32**		
Body Composite	**–1.36**		
Stature	**–0.76** Short		
Strength	**–1.31** Frail		
Body Depth	**–1.24** Shallow		
Dairy Form	**–0.03** Tight		
Rump Angle	**1.04** Sloped		
Thurl Width	**–0.90** Narrow		
Rear Legs-Side View	**0.68** Curved		
Rear Legs-Rear View	**–0.60** Hock-In		
Foot Angle	**–0.85** Low		
Feet & Legs Score	**–0.36** Low		
Fore Udder Attachment	**–0.51** Loose		
Udder Height	**–0.51** Low		
Udder Width	**–0.47** Narrow		
Udder Cleft	**0.36** Strong		
Udder Depth	**0.04** Shallow		
Front Teat Placement	**1.00** Close		
Rear Teat Placement	**0.86** Close		
Teat Length	**–1.11** Short		

TORNADO

29HO18387
Born: 22/07/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Photo: Lea McCullough

Sexcel Sexed Genetics A2

Pedigree: ALTASPRING x FREDDIE x PLANET
Sire: ALTASPRING **NM$:** +408 **TPI®:** +2433
DAM: ROCKYMOUNTAIN FREDIE RASCAL-ET **EFI:** 8.7%
MGS: FREDDIE
Indian Dairy Index +5414
IDI Merit (₹) 54,136
Real World Data* TransitionRight®: ★★★☆☆

INDIA DAIRY INDEX 5414

CDCB 08/20

PRODUCTION		
Milk	+939 lbs	80% Rel
Protein	+40 lbs	+0.04%
Fat	+52 lbs	+0.06%
HEALTH & FERTILITY		
Productivity Life	+1.7	77% Rel
Daughter Pregnancy Rate	–0.1	76% Rel
Somatic Cell Score	3.24	78% Rel
CALVING TRAITS		
Sire Calving Ease	2.3%	70% Rel
Daughter Calving Ease	2.1%	69% Rel
Sire Stillbirths	5.9%	62% Rel
Daughter Stillbirths	5.1%	62% Rel

CONFORMATION	**0 Dtrs**	**0 Herds**	**Rel.78%**
Type	**0.21**		
Udder Composite	**0.46**		
Feet & Legs Composite	**–0.10**		
Body Composite	**–0.82**		
Stature	**–0.33**	Short	
Strength	**–0.47**	Frail	
Body Depth	**–0.49**	Shallow	
Dairy Form	**0.77**	Open	
Rump Angle	**–0.44**	High Pins	
Thurl Width	**–0.01**	Narrow	
Rear Legs-Side View	**–0.08**	Straight	
Rear Legs-Rear View	**–0.01**	Hock-In	
Foot Angle	**–0.17**	Low	
Feet & Legs Score	**–0.20**	Low	
Fore Udder Attachment	**0.22**	Strong	
Udder Height	**1.02**	High	
Udder Width	**0.94**	Wide	
Udder Cleft	**–0.41**	Weak	
Udder Depth	**–0.32**	Deep	
Front Teat Placement	**–0.16**	Wide	
Rear Teat Placement	**–0.21**	Wide	
Teat Length	**–0.04**	Short	

STUNNER

29HO18394
Born: 11/08/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Photo: Cylil Fisher

A2

Pedigree: POWERBALL-P x BALISTO x O-STYLE
Sire: POWERBALL-P **NM$:** +376 **TPI®:** +2474
DAM: BACON-HILL BALISTO MOLLY-ET **EFI:** 8.2%
MGS: BALISTO
Indian Dairy Index +5280
IDI Merit (₹) 52,796
Real World Data* TransitionRight®: ★★★☆☆

INDIA DAIRY INDEX 5280

CDCB 08/20

PRODUCTION		
Milk	+958 lbs	81% Rel
Protein	+47 lbs	+0.06%
Fat	+45 lbs	+0.03%
HEALTH & FERTILITY		
Productivity Life	+0.4	78% Rel
Daughter Pregnancy Rate	0.0	78% Rel
Somatic Cell Score	3.07	80% Rel
CALVING TRAITS		
Sire Calving Ease	1.5%	64% Rel
Daughter Calving Ease	1.9%	62% Rel
Sire Stillbirths	5.7%	60% Rel
Daughter Stillbirths	5.3%	60% Rel

CONFORMATION	**0 Dtrs**	**0 Herds**	**Rel. 80%**
Type	**0.84**		
Udder Composite	**0.54**		
Feet & Legs Composite	**–0.07**		
Body Composite	**–1.01**		
Stature	**0.39**	Tall	
Strength	**–0.33**	Frail	
Body Depth	**0.23**	Deep	
Dairy Form	**1.99**	Open	
Rump Angle	**–1.07**	High Pins	
Thurl Width	**0.30**	Wide	
Rear Legs-Side View	**2.02**	Curved	
Rear Legs-Rear View	**–0.42**	Hock-In	
Foot Angle	**–0.55**	Low	
Feet & Legs Score	**0.28**	High	
Fore Udder Attachment	**0.93**	Strong	
Udder Height	**1.14**	High	
Udder Width	**1.05**	Wide	
Udder Cleft	**–0.35**	Weak	
Udder Depth	**–0.20**	Deep	
Front Teat Placement	**0.65**	Close	
Rear Teat Placement	**–0.08**	Wide	
Teat Length	**0.42**	Long	

PIPER

29HO18397
Born: 20/08/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Photo: Beth Hergs

Sexcel Sexed Genetics · A2

Pedigree: POWERBALL-P x MASSEY x BOOKEM
Sire: POWERBALL-P — **NM$:** +276 — **TPI®:** +2346
DAM: AMMON-PEACHEY MSY MIFF-ET — **EFI:** 8.1%
MGS: MASSEY
Indian Dairy Index +5266 (INDIA DAIRY 5266 INDEX)
IDI Merit (₹) 52,662
Real World Data* TransitionRight®: ★★★☆☆

CDCB 08/20

PRODUCTION		
Milk	+980 lbs	81% Rel
Protein	+46 lbs	+0.05%
Fat	+39 lbs	0.00%
HEALTH & FERTILITY		
Productivity Life	–1.1	78% Rel
Daughter Pregnancy Rate	–0.5	77% Rel
Somatic Cell Score	2.93	79% Rel
CALVING TRAITS		
Sire Calving Ease	1.8%	64% Rel
Daughter Calving Ease	1.8%	62% Rel
Sire Stillbirths	5.8%	60% Rel
Daughter Stillbirths	5.0%	60% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 80%
Type	**0.29**		
Udder Composite	**0.16**		
Feet & Legs Composite	**–0.91**		
Body Composite	**–0.33**		
Stature	**1.02** Tall		
Strength	**–0.10** Strong		
Body Depth	**0.15** Deep		
Dairy Form	**1.40** Open		
Rump Angle	**1.99** Sloped		
Thurl Width	**0.93** Wide		
Rear Legs-Side View	**1.22** Curved		
Rear Legs-Rear View	**–1.04** Hock-In		
Foot Angle	**–0.99** Low		
Feet & Legs Score	**–0.43** Low		
Fore Udder Attachment	**–0.25** Loose		
Udder Height	**1.10** High		
Udder Width	**1.01** Wide		
Udder Cleft	**–0.07** Weak		
Udder Depth	**–0.28** Deep		
Front Teat Placement	**0.12** Close		
Rear Teat Placement	**0.42** Close		
Teat Length	**0.58** Long		

EVEREST

29HO18395
Born: 16/08/2015
Bred by: Genus ABS Global, USA

IMPORTED PRIMETIME

Photo: Beth Hergs

A2

Pedigree: ALTASPRING x ALTAEMBASSY x ROBUST
Sire: ALTASPRING — **NM$:** +360 — **TPI®:** +2423
DAM: COMPASS-TRT AMRC AE J925-ET — **EFI:** 9.2%
MGS: ALTAEMBASSY
Indian Dairy Index +5213 (INDIA DAIRY 5213 INDEX)
IDI Merit (₹) 52,126
Real World Data* TransitionRight®: ★★☆☆☆

CDCB 08/20

PRODUCTION		
Milk	+495 lbs	81% Rel
Protein	+28 lbs	+0.04%
Fat	+57 lbs	+0.13%
HEALTH & FERTILITY		
Productivity Life	+1.0	78% Rel
Daughter Pregnancy Rate	–1.5	78% Rel
Somatic Cell Score	2.95	80% Rel
CALVING TRAITS		
Sire Calving Ease	2.2%	69% Rel
Daughter Calving Ease	2.0%	68% Rel
Sire Stillbirths	5.9%	62% Rel
Daughter Stillbirths	4.8%	62% Rel

CONFORMATION	0 Dtrs	0 Herds	Rel. 80%
Type	**0.83**		
Udder Composite	**0.76**		
Feet & Legs Composite	**0.57**		
Body Composite	**0.76**		
Stature	**0.67** Tall		
Strength	**0.83** Strong		
Body Depth	**0.50** Deep		
Dairy Form	**0.52** Open		
Rump Angle	**–0.66** High Pins		
Thurl Width	**1.28** Wide		
Rear Legs-Side View	**–1.13** Straight		
Rear Legs-Rear View	**0.73** Straight		
Foot Angle	**0.86** Steep		
Feet & Legs Score	**0.68** High		
Fore Udder Attachment	**0.63** Strong		
Udder Height	**1.26** High		
Udder Width	**1.16** Wide		
Udder Cleft	**0.74** Strong		
Udder Depth	**0.68** Shallow		
Front Teat Placement	**0.08** Close		
Rear Teat Placement	**0.39** Close		
Teat Length	**0.80** Long		

PROFIT

29HO18324
Born: 16/11/2015
Bred by: Comestar Holsteins Canada

Photo: Patty Jones

Pedigree:	BRAWLER x PLANET x RAMOS
Sire:	GEN-I-BEQ BRAWLER
DAM:	ROCKYMOUNTAIN PLANET RAMA-ET **EFI:** 7.4%
MGS:	ENSENADA PLANET ET TV TL TY PF
Indian Dairy Index	+3464
IDI Merit (₹)	34,689
Real World Data˚ TransitionRight™:	★★★

INDIA DAIRY INDEX 3464

DAUGHTER's AVERAGE		
PRODUCTION	Values (G)	Values%
Milk	12,506 kg	
Protein	384 kg	3.07 %
Fat	470 kg	3.76 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+2.8	
Daughter Pregnancy Rate	+1.1	
Somatic Cell Score	2.93	
CALVING TRAITS		
Service Sire Calving Ease	8.6%	
Daughter Calving Ease	6.2%	
Service Sire Stillbirths	7.6%	
Daughter Stillbirths	5.8%	

CHAMPION

29HO17679
Born: 04/09/2016

Photo: James

ABS Champion is a son of 3 times grand champion of PDFA dairy show.
- Grand Champion 2012
- Grand Champion 2013
- Grand Champion 2014

Sexcel A2

Pedigree:	PENNYMAKER
Sire:	WELCOME PENNYMAKER-ET
DAM:	030 **EFI:** NA
MGS:	JACOB
Indian Dairy Index	+3116
IDI Merit (₹)	31,155
Real World Data˚ TransitionRight™:	★★★

INDIA DAIRY INDEX 3116

DAUGHTER's AVERAGE		
PRODUCTION	Values (G)	Values%
Milk	11,935 kg	
Protein	369 kg	3.09 %
Fat	455 kg	3.81 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+3.2	
Daughter Pregnancy Rate	+4.0	
Somatic Cell Score	2.86	
CALVING TRAITS		
Service Sire Calving Ease	7.4%	
Daughter Calving Ease	7.7%	
Service Sire Stillbirths	NA	
Daughter Stillbirths	NA	

BRAVO

29HO18211
Born: 14/07/2015
Bred by: ABS

Photo: Lea McCullough

Sexcel

Pedigree:	LEVI x JORDAN x BOLIVER
Sire:	MORNINGVIEW LEVI
DAM:	JORDAN LIZ BOLIVER **EFI:** 7.0%
MGS:	GILLETTE JORDAN
Indian Dairy Index	+3022
IDI Merit (₹)	30,217
Real World Data˚ TransitionRight™:	★★★★

INDIA DAIRY INDEX 3022

DAUGHTER's AVERAGE		
PRODUCTION	Values (G)	Values%
Milk	12,032 kg	
Protein	373 kg	3.10 %
Fat	469 kg	3.90 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+2.5	
Daughter Pregnancy Rate	+2.1	
Somatic Cell Score	2.77	
CALVING TRAITS		
Service Sire Calving Ease	6.3%	
Daughter Calving Ease	6.4%	
Service Sire Stillbirths	7.9%	
Daughter Stillbirths	7.5%	

SNOWMAN

29HO18325
Born: 15/11/2015
Bred by: Comestar Holsteins Canada

Photo: ABS

Pedigree: BRAWLER x PLANET x RAMOS
Sire: GEN-I-BEQ BRAWLER
DAM: ROCKYMOUNTAIN PLANET RAMA-ET **EFI:** 7.4%
MGS: ENSENADA PLANET ET TV TL TY PF
Indian Dairy Index +2379
IDI Merit (₹) 23,785
Real World Data* TransitionRight™: ★★

INDIA DAIRY INDEX 2379

DAUGHTER's AVERAGE PRODUCTION	Values (G)	Values%
Milk	12,600 kg	
Protein	389 kg	3.09 %
Fat	467 kg	3.71 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+2.8	
Daughter Pregnancy Rate	–0.3	
Somatic Cell Score	2.97	
CALVING TRAITS		
Service Sire Calving Ease	8.6%	
Daughter Calving Ease	7.2%	
Service Sire Stillbirths	7.2%	
Daughter Stillbirths	6.2%	

BOLT

29HO18326
Born: 17/11/2015
Bred by: Comestar Holsteins Canada

Photo: PAB

Pedigree: BRAWLER x MAN-O-MAN x GOLDWYN
Sire: GEN-I-BEQ BRAWLER
DAM: JUMAU AN O MAN TORILYSA-ETS **EFI:** 7.6%
MGS: LONG-LANGS OMAN OMAN-ET
Indian Dairy Index +2358
IDI Merit (₹) 23,584
Real World Data* TransitionRight™: ★★★

INDIA DAIRY INDEX 2358

DAUGHTER's AVERAGE PRODUCTION	Values (G)	Values%
Milk	12,529 kg	
Protein	387 kg	3.09 %
Fat	467 kg	3.73 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+1.4	
Daughter Pregnancy Rate	+0.3	
Somatic Cell Score	2.97	
CALVING TRAITS		
Service Sire Calving Ease	7.7%	
Daughter Calving Ease	6.9%	
Service Sire Stillbirths	7.0%	
Daughter Stillbirths	7.0%	

WISCONSIN

29HO16883
Born: 08/03/2013
Bred by: Comestar Holsteins Canada

Photo: James

Pedigree: JORDAN x BOLIVER X OUTSIDE
Sire: GILLETTE JORDAN
DAM: COMESTAR MODEL LIZ BLIVER-ET **EFI:** 6.6%
MGS: END-ROAD PVF BOLIVER-ET
Indian Dairy Index +2332
IDI Merit (₹) 23,316
Real World Data* TransitionRight™: ★★★

INDIA DAIRY INDEX 2332

DAUGHTER's AVERAGE PRODUCTION	Values (G)	Values%
Milk	12,212 kg	
Protein	376 kg	3.08 %
Fat	453 kg	3.71 %
CDCB 08/17		
HEALTH & FERTILITY		
Productivity Life	+2.5	
Daughter Pregnancy Rate	+1.7	
Somatic Cell Score	2.88	
CALVING TRAITS		
Service Sire Calving Ease	6.5%	
Daughter Calving Ease	6.2%	
Service Sire Stillbirths	6.8%	
Daughter Stillbirths	6.5%	

PLANET

29HO18212
Born: 05/07/2015
Bred by: Comestar Holsteins Canada

Photo: Patty Jones

Pedigree: NIAGARA x PLANET x RAMOS
Sire: FREUREHAVEN NIAGARA
DAM: ROCKYMOUNTAIN PLANET RAMA-ET **EFI:** 6.7%
MGS: ENSENADA PLANET ET TV TL TY PF
Indian Dairy Index +2070
IDI Merit (₹) 20,703
Real World Data* TransitionRight™: ★★

INDIA DAIRY 2070 INDEX

DAUGHTER's AVERAGE		
PRODUCTION	Values (G)	Values%
Milk	12,358 kg	
Protein	384 kg	3.19 %
Fat	483 kg	3.91 %
CDCB 08/17		
HEALTH & FERTILITY		
Productivity Life	+2.0	
Daughter Pregnancy Rate	–1.0	
Somatic Cell Score	3.06	
CALVING TRAITS		
Service Sire Calving Ease	9.2%	
Daughter Calving Ease	6.8%	
Service Sire Stillbirths	7.6%	
Daughter Stillbirths	5.9%	

PIONEER

29HO16770
Born: 19/08/2012
Bred by: Comestar Holsteins Canada

Photo:

Pedigree: GAILURON x BOLIVER x OUTSIDE
Sire: FAVREAUTIERE GAILURON
DAM: COMESTAR MODEL LIZ BOLIVER-ET **EFI:** 5.9%
MGS: ENSENADA PLANET ET TV TL TY PF
Indian Dairy Index +1159
IDI Merit (₹) 11,591
Real World Data* TransitionRight™: ★★

INDIA DAIRY 1159 INDEX

DAUGHTER's AVERAGE		
PRODUCTION	Values (G)	Values%
Milk	12,502 kg	
Protein	386 kg	3.09 %
Fat	474 kg	3.79 %
CDCB 08/17		
HEALTH & FERTILITY		
Productivity Life	+1.3	
Daughter Pregnancy Rate	–3.5	
Somatic Cell Score	2.87	
CALVING TRAITS		
Service Sire Calving Ease	7.1%	
Daughter Calving Ease	9.9%	
Service Sire Stillbirths	7.3%	
Daughter Stillbirths	7.0%	

FREEDOM

29HO17544
Born: 04/07/2015
Bred by: Comestar Holsteins Canada

Photo: Beth Herges

Pedigree: STEADY x GOLDWYN x ALTACOLORADO*RC
Sire: STANTONS STEADY
DAM: DUDOC GOLDWYN CLAVICULE **EFI:** 6.5%
MGS: BRAEDALE GOLDWYN
Indian Dairy Index NA
IDI Merit (₹) NA
Real World Data* TransitionRight™: ★★

DAUGHTER's AVERAGE		
PRODUCTION	Values (G)	Values%
Milk	12,104 kg	
Protein	370 kg	3.06 %
Fat	467 kg	3.86 %
CDCB 08/17		
HEALTH & FERTILITY		
Productivity Life	–0.2	
Daughter Pregnancy Rate	–1.0	
Somatic Cell Score	2.92	
CALVING TRAITS		
Service Sire Calving Ease	6.6%	
Daughter Calving Ease	6.2%	
Service Sire Stillbirths	6.4%	
Daughter Stillbirths	6.2%	

INDEPENDENCE

29HO17543
Born: 15/08/2013
Bred by: Comestar Holsteins Canada

Photo: Sarah Damrow

Pedigree: STEADY x GOLDWYN x ALTACOLORADO*RC
Sire: STANTONS STEADY
DAM: DUDOC GOLDWYN CLAVICULE **EFI:** 6.5%
MGS: BRAEDALE GOLDWYN

Indian Dairy Index	NA
IDI Merit (₹)	NA
Real World Data* TransitionRight™:	★★

DAUGHTER's AVERAGE PRODUCTION	Values (G)	Values%
Milk	11,776 kg	
Protein	365 kg	3.10 %
Fat	466kg	3.96 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+0.1	
Daughter Pregnancy Rate	–0.8	
Somatic Cell Score	3.03	
CALVING TRAITS		
Service Sire Calving Ease	7.0%	
Daughter Calving Ease	7.0%	
Service Sire Stillbirths	6.2%	
Daughter Stillbirths	5.7%	

INNOVATION

29HO17646
Born: 17/09/2013
Bred by: Comestar Holsteins Canada

Photo: Vickt Fletcher

Pedigree: STEADY x GOLDWYN x ALTACOLORADO*RC
Sire: STANTONS STEADY
DAM: DUDOC GOLDWYN CALVICULE **EFI:** 6.5%
MGS: BRAEDALE GOLDWYN

Indian Dairy Index	NA
IDI Merit (₹)	NA
Real World Data* TransitionRight™:	★★

DAUGHTER's AVERAGE PRODUCTION	Values (G)	Values%
Milk	12,040 kg	
Protein	370kg	3.07 %
Fat	471 kg	3.91 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+1.1	
Daughter Pregnancy Rate	–0.2	
Somatic Cell Score	3.05	
CALVING TRAITS		
Service Sire Calving Ease	6.5%	
Daughter Calving Ease	6.8%	
Service Sire Stillbirths	6.3%	
Daughter Stillbirths	6.3%	

CHARM

29HO17680
Born: 17/09/2013

Photo: Beth Herges

Pedigree: JUNCTION x BOCADO
Sire: JUNCTION
MGS: BOCADO **EFI:** NA

Indian Dairy Index	+670
IDI Merit (₹)	6,700
Real World Data* TransitionRight™:	★★

INDIA DAIRY 670 INDEX

DAUGHTER's AVERAGE PRODUCTION	Values (G)	Values%
Milk	12,201 kg	
Protein	375 kg	3.07 %
Fat	462 kg	3.76 %
CDCB 08/17		
HEALTH & FERTILITY		
Productivity Life	–0.3	
Daughter Pregnancy Rate	+1.9	
Somatic Cell Score	3.16	
CALVING TRAITS		
Service Sire Calving Ease	7.3%	
Daughter Calving Ease	8.0%	
Service Sire Stillbirths	NA	
Daughter Stillbirths	NA	

JUPITER

29HO18213
Born: 13/01/2015

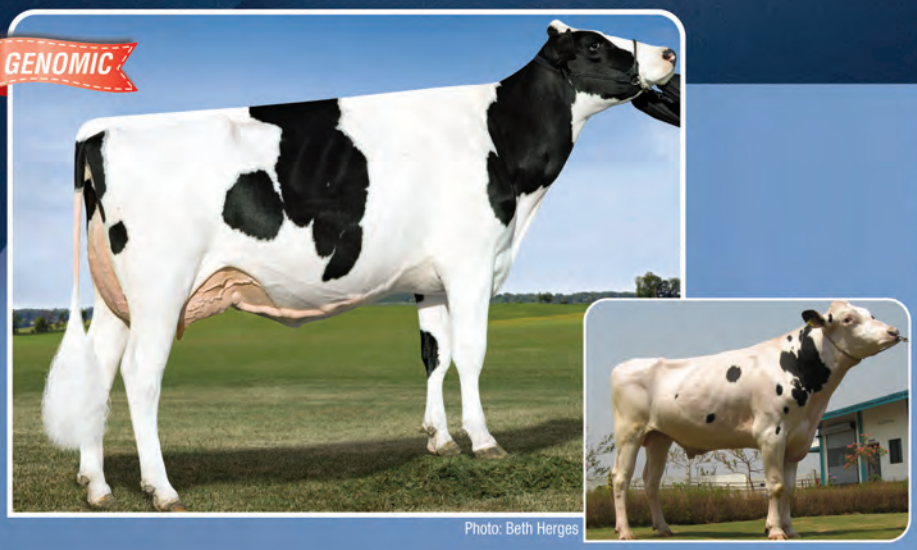


Photo: Beth Herges

Pedigree: HAYDEN x PENNYMAKER		
Sire: HAYDEN		
MGS: PENNYMAKER	**EFI:** 7.1%	
MGS: ENSENADA PLANET ET TV TL TY PF		
Indian Dairy Index	+2488	
IDI Merit (₹)	24,884	
Real World Data® TransitionRight™:	★★★	
DAUGHTER's AVERAGE		
PRODUCTION	Values (G)	Values%
Milk	12,372 kg	
Protein	374 kg	3.02 %
Fat	463 kg	3.74 %
CDCB 12/17		
HEALTH & FERTILITY		
Productivity Life	+1.7	
Daughter Pregnancy Rate	+0.7	
Somatic Cell Score	2.82	
CALVING TRAITS		
Service Sire Calving Ease	10.8%	
Daughter Calving Ease	9.8%	
Service Sire Stillbirths	9.7%	
Daughter Stillbirths	9.1%	

FIRE

29HO18327
A2

Sire: GENTEEL		
CDCB 08/19		
PRODUCTION	Values (G)	Values%
Milk	12,674 kg	
Fat	342 kg	3.9 %
Parent's Average Yield	14043 kg	
Dam's Yield	8773 kg	
Sire Dam's Yield	19313 kg	

FORTUNE

29HO18328
A2

Sire: GENTEEL		
CDCB 08/19		
PRODUCTION	Values (G)	Values%
Milk	12,674 kg	
Fat	349 kg	4.1%
Parent's Average Yield	13910 kg	
Dam's Yield	8506 kg	
Sire Dam's Yield	19313 kg	

PKC

PKC-HIGH FERTILITY BULLS
Answer to Infertility

ABS Conception

Pregnancy King Conception

ENDEAVOUR | INNOVATION
NEYMAR | VIKRANT | MAHABALI

Increased Conception Rates
More Profitability!

THE **WORLD LEADER** IN BOVINE GENETICS

LONG LIFE PRODUCTIVE COWS

ABS

ABS HOLSTEIN SIRES

HOLSTEIN	PARENTS AVERAGE YIELD (kg)	DAMS YIELD (kg)	SIRE DAM's YIELD (kg)	FAT %	FAT (kg)	PROTEIN %	AVERAGE OF HALF SIBS / DAUGHTERS MILKING IN US (kg)	SIRE	CATEGORY
ENDEAVOUR (29H018210)	12,878	11,968	13,787	4.0	479	NA	10,478	STANTONS STEADY	PKC
A2 **FIRE** (29H018327)	14,043	8,773	19,313	3.9	342	NA	12,674	GENTEEL	ELITE
A2 **FORTUNE** (29H018328)	13,910	8,506	19,313	4.1	349	NA	12,674	GENTEEL	ELITE
JUPITER (29H018213)	13,244	9,368	17,120	4.2	393	NA	12,681	HAYDEN	ELITE
A2 **CARLSON** (29H016207)	13,855	9,350	18,360	3.6	337	3.6	11,785	CARL	ELITE
A2 **MACHO** (29H016206)	14,260	10,160	18,360	3.7	376	4.0	11,785	CARL	ELITE
DISCOVERY (29H016765)	12,616	8,998	16,233	4.0	360	NA	12,134	DISCOVER	PLATINUM
STRATEGY (29H016763)	12,913	9,414	16,412	4.0	377	3.3	12,436	STRATEGIST	PLATINUM
KEVIN (29H017893)	11,978	7,335	16,621	4.1	300	3.8	12,433	AVALANCHE	PLATINUM
PRANAV (29H017888)	12,995	6,125	19,865	3.8	233	4.2	11,503	DESLACS MILKSTAR	GOLD
JAMES (29H017891)	12,995	6,125	19,865	3.8	233	4.2	11,503	DESLACS MILKSTAR	GOLD
ALEX (29H017890)	11,589	6,995	16,182	4.1	287	4.0	11,460	LA-PRESENTATION VIGNOBLE	GOLD

TOP BULLS

ABS **STRYKER**
#1 Holstein Bull in India

ABS **TYSON**
#1 Jersey Bull in India

ABS **REDHU**
#1 Murrah Bull in India

JERSEY

ABS

TYSON
29JE4021

ZIG

29JE4235

GENOMIC

IMPORTED

Pedigree: ARENA × PREMIUM
Sire: JX PINE-TREE ARENA {3}-ET
MGS: JER-Z-BOYZ PREMIUM {6}-ET
Indian Dairy Index: NA
IDI Merit (₹): NA
Real World Data® TransitionRight™: ★★★

DAUGHTER's AVERAGE		
PRODUCTION	**Values (G)**	**Values %**
Milk	9,761 kg	
Protein	634 kg	6.5%
Fat	403 kg	4.1%
HEALTH & LIFE		
Daughter Pregnancy Rate	35.4%	
Somatic Cell Score	2.94	
Productive Life	+3.4	

Sexcel A2

Photo: Jenny Thomas

SUPREME

29JE4020
Born: 10/01/2015

GENOMIC

IMPORTED

Pedigree: REBEL x AMITY
Sire: REBEL
MGS: AMITY
Indian Dairy Index: NA
IDI Merit (₹): NA
Real World Data® TransitionRight™: ★★★

DAUGHTER's AVERAGE		
PRODUCTION	**Values (G)**	**Values %**
Milk	9,146 kg	
Protein	330 kg	3.6%
Fat	434 kg	4.7%
HEALTH & LIFE		
Daughter Pregnancy Rate	–0.9	
Somatic Cell Score	2.83	
Productive Life	–0.4	

Sexcel A2

Photo: Frank Robinson

TYSON

29JE4021
Born: 06/04/2014

GENOMIC

Sexcel A2

Pedigree: REBEL x AMITY
Sire: REBEL
MGS: AMITY
Indian Dairy Index: NA
IDI Merit (₹): NA
Real World Data® TransitionRight™: ★★★

DAUGHTER's AVERAGE		
PRODUCTION	**Values (G)**	**Values %**
Milk	9,322 kg	
Protein	333 kg	3.6%
Fat	439 kg	4.7%
HEALTH & LIFE		
Daughter Pregnancy Rate	+1.3	
Somatic Cell Score	2.78	
Productive Life	–0.4	

Photo: Jenny Thomas

PREET

29JE4020
Born: 10/01/2015

GENOMIC

Sexcel A2

Pedigree: REBEL x AMITY
Sire: REBEL
MGS: AMITY
Indian Dairy Index: NA
IDI Merit (₹): NA
Real World Data® TransitionRight™: ★★★

DAUGHTER's AVERAGE		
PRODUCTION	**Values (G)**	**Values %**
Milk	9,146 kg	
Protein	330 kg	3.6%
Fat	434 kg	4.7%
HEALTH & LIFE		
Daughter Pregnancy Rate	–0.9	
Somatic Cell Score	2.83	
Productive Life	–0.4	

Photo: Frank Robinson

WILLOW
(29JE3977)

PRODUCTION TRAITS	
Dam's Yield	6,369 kg
Sire Dams Yield	5,322 kg
Fat	6.3 %
Fat	NA
Protein	3.8%
Average of half sibs / Daughters miling in the U.S.	7,287 kg
Parent Average Yields	5,846 kg

MAXWELL
(29JE3982)

PRODUCTION TRAITS	
Dam's Yield	5,308 kg
Sire Dams Yield	6,845 kg
Fat	5.7 %
Fat	303 kg
Protein	3.5 %
Average of half sibs / Daughters miling in the U.S.	NA
Parent Average Yields	6,071 kg

NEYMAR
(29JE3979)

PRODUCTION TRAITS	
Dam's Yield	5,033 kg
Sire Dams Yield	6,845 kg
Fat	5.8 %
Fat	292 kg
Protein	3.6 %
Average of half sibs / Daughters miling in the U.S.	NA
Parent Average Yields	5,939 kg

SPARTAN HF X SAHIWAL

PRODUCTION TRAITS	
Dam's Yield	5,990 kg
Sire Dams Yield	16,182 kg
Fat	4.8 %
Protein	2.9 %
Average of half sibs / Daughters miling in the U.S.	11,086 kg
Parent Average Yields	11,452 kg

A2

TROY HF X GIR

PRODUCTION TRAITS	
Dam's Yield	5,800 kg
Sire Dams Yield	18,850 kg
Fat	6.2 %
Protein	3.07 %
Average of half sibs / Daughters miling in the U.S.	12,325 kg
Parent Average Yields	12,350 kg

A2

CROSSBREEDS

ABSOLUTE RESULTS

- Reliable Gains for Increased Profit
- Maximum Fertility for Increased Profit
- Low Calving Ease for Safe Use on Heifers

INDIGENOUS

RAMBO (Red Sindhi)
(29ES0001)

PRODUCTION TRAITS	
Dam's Yield	3,044 kg
Sire Dams Yield	2,836 kg
Fat	4.9 %
Fat	149 kg
Protein	NA
Sire	Raghu
Parent Average Yields	2,940 kg

Sexcel A2

STOUT (Red Sindhi)
(29ES0002)

PRODUCTION TRAITS	
Dam's Yield	4,028 kg
Sire Dams Yield	2,836 kg
Fat	4.9 %
Fat	197 kg
Protein	NA
Sire	Raghu
Parent Average Yields	3,432 kg

A2

AJEET (Red Sindhi)
(29ES0003)

PRODUCTION TRAITS	
Dam's Yield	4,028 kg
Sire Dams Yield	2,836 kg
Fat	4.9 %
Fat	197 kg
Protein	NA
Sire	Raghu
Parent Average Yields	3,432 kg

BAADAL (Sahiwal)

(29SW0001)

PRODUCTION TRAITS	
Dam's Yield	4,996 kg
Sire Dams Yield	5,191 kg
Fat	5 %
Fat	250 kg
Protein	NA
Sire	124
Parent Average Yields	5,094 kg

Sexcel

Sexcel™
Sexed Genetics

1st

Indigenous (Desi) Sexed Genetics

AAKASH (Sahiwal)

(29SW007)

PRODUCTION TRAITS	
Dam's Yield	4,813 kg
Sire Dams Yield	NA
Fat	4.7 %
Fat	226 kg
Protein	NA
Sire	S34
Parent Average Yields	NA

Sexcel

DHRUVA (Sahiwal)

(29SW006)

PRODUCTION TRAITS	
Dam's Yield	4,063 kg
Sire Dams Yield	NA
Fat	4.8 %
Fat	195 kg
Protein	NA
Sire	S40 SAG
Parent Average Yields	NA

Sexcel

SHAURYA (Sahiwal)

(29SW0030)

PRODUCTION TRAITS	
Dam's Yield	3,079 kg
Sire Dams Yield	5,005 kg
Fat	4.8 %
Fat	148 kg
Protein	NA
Sire	S-29 (SAG)
Parent Average Yields	4,042 kg

Sexcel A2

SOORMA (Sahiwal)

(29SW0031)

PRODUCTION TRAITS	
Dam's Yield	3,914 kg
Sire Dams Yield	3,704 kg
Fat	5.1 %
Fat	200 kg
Protein	NA
Sire	SW1681 (NDRI)
Parent Average Yields	3,809 kg

Sexcel A2

VEER (Sahiwal)

(29SW0029)

PRODUCTION TRAITS	
Dam's Yield	4,071 kg
Sire Dams Yield	NA
Fat	52 %
Fat	212 kg
Protein	NA
Sire	S-34
Parent Average Yields	NA

Sexcel A2

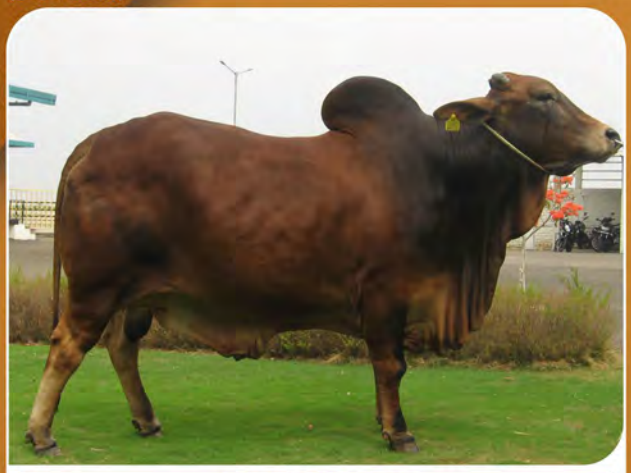
ARJUN (Sahiwal)

(29SW0032)

PRODUCTION TRAITS	
Dam's Yield	4,636 kg
Sire Dams Yield	NA
Fat	5.1 %
Fat	236 kg
Protein	NA
Sire	Nagar
Parent Average Yields	NA

Sexcel A2

TOOFAN (Sahiwal)
(29SW0003)



PRODUCTION TRAITS	
Dam's Yield	4,618 kg
Sire Dams Yield	4,191 kg
Fat	5 %
Fat	231 kg
Protein	NA
Sire	Bahadur
Parent Average Yields	4,405 kg

Sexcel

SHAKTI (Sahiwal)
(29SW0002)

PRODUCTION TRAITS	
Dam's Yield	4,111 kg
Sire Dams Yield	4,010 kg
Fat	5.1 %
Fat	210 kg
Protein	NA
Sire	Rustam
Parent Average Yields	4,061 kg

Sexcel

CHETAK (Gir)
(29GL0056)

PRODUCTION TRAITS	
Dam's Yield	4,813 kg
Sire Dams Yield	NA
Fat	4.6 %
Fat	221 kg
Protein	NA
Sire	NA
Parent Average Yields	NA

Sexcel A2

RAFTAAR (Gir)
(29GL0057)

PRODUCTION TRAITS	
Dam's Yield	4,673 kg
Sire Dams Yield	5,032 kg
Fat	4.7 %
Fat	220 kg
Protein	NA
Sire	G01
Parent Average Yields	4,853 kg

Sexcel

REDHU

World's No.1 Murrah Buffalo Bull

MURRAH

ABS

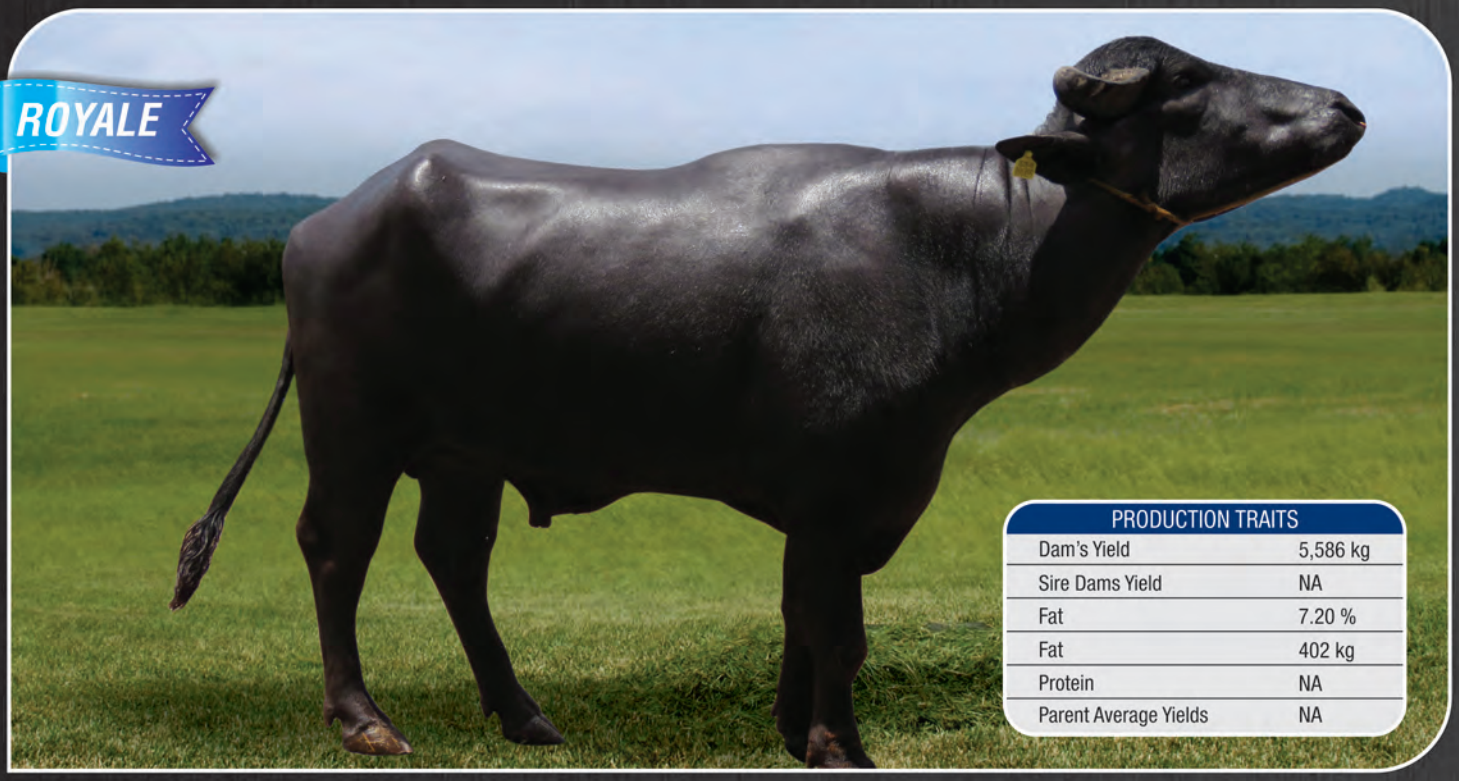
BAHUBALI

29MU0036

REDHU (29MU0028)

PRODUCTION TRAITS	
Dam's Yield	5,414 kg
Sire Dams Yield	4,237 kg
Fat	7.9 %
Fat	428 kg
Protein	NA
Parent Average Yields	4,826 kg

BAHUBALI (29MU0036)



PRODUCTION TRAITS	
Dam's Yield	5,586 kg
Sire Dams Yield	NA
Fat	7.20 %
Fat	402 kg
Protein	NA
Parent Average Yields	NA

Sexcel

MAHARAJA
(29MU0034)

PRODUCTION TRAITS	
Dam's Yield	5,596 kg
Sire Dams Yield	NA
Fat	7.20 %
Fat	403 kg
Protein	NA
Parent Average Yields	NA

VAJRA
(29MU0039)

PRODUCTION TRAITS	
Dam's Yield	4,650 kg
Sire Dams Yield	NA
Fat	7.30 %
Fat	339 kg
Protein	NA
Parent Average Yields	NA

VIKRANT
(29MU0039)

PRODUCTION TRAITS	
Dam's Yield	4,609 kg
Sire Dams Yield	NA
Fat	7.20 %
Fat	332 kg
Protein	NA
Parent Average Yields	NA

SULTAN
(29MU0003)

PRODUCTION TRAITS	
Dam's Yield	4,500 kg
Sire Dams Yield	NA
Fat	7.8 %
Fat	351 kg
Protein	NA
Parent Average Yields	NA

BHEEM
(29MU0007)

PRODUCTION TRAITS	
Dam's Yield	4,211 kg
Sire Dams Yield	NA
Fat	7.9 %
Fat	333 kg
Protein	NA
Parent Average Yields	NA

DARA
(29MU0006)

PRODUCTION TRAITS	
Dam's Yield	4,686 kg
Sire Dams Yield	NA
Fat	7.5 %
Fat	351 kg
Protein	NA
Parent Average Yields	NA

FAULAD
(29MU0035)

PRODUCTION TRAITS	
Dam's Yield	4,689 kg
Sire Dams Yield	NA
Fat	7.20 %
Fat	338 kg
Protein	NA
Parent Average Yields	NA

VENKAT
(29MU0027)

PRODUCTION TRAITS	
Dam's Yield	4,344 kg
Sire Dams Yield	4,750 kg
Fat	7.7 %
Fat	334 kg
Protein	NA
Parent Average Yields	4,547 kg

YODHA
(29MU0033)

PRODUCTION TRAITS	
Dam's Yield	3,288 kg
Sire Dams Yield	3,587 kg
Fat	8.2 %
Fat	269 kg
Protein	4.1 %
Parent Average Yields	3,438 kg

MAHABALI
(29MU0002)

PRODUCTION TRAITS	
Dam's Yield	4,332 kg
Sire Dams Yield	4,093 kg
Fat	7.7 %
Fat	333 kg
Protein	NA
Parent Average Yields	NA

JOHNSON
(29MU0022)

PRODUCTION TRAITS	
Dam's Yield	4,973 kg
Sire Dams Yield	4,750 kg
Fat	7.5 %
Fat	373 kg
Protein	NA
Parent Average Yields	4,862 kg

ZORAVAR
(29MU0038)

PRODUCTION TRAITS	
Dam's Yield	4,623 kg
Sire Dams Yield	NA
Fat	7.3 %
Fat	337 kg
Protein	NA
Parent Average Yields	NA

SIKANDAR
(29MU0034)

PRODUCTION TRAITS	
Dam's Yield	4,498 kg
Sire Dams Yield	NA
Fat	6.8 %
Fat	306 kg
Protein	NA
Parent Average Yields	NA

SAHIL
(29MU0020)

PRODUCTION TRAITS	
Dam's Yield	3,830 kg
Sire Dams Yield	4,081 kg
Fat	7.90 %
Fat	303 kg
Protein	4.20 %
Parent Average Yields	3,956 kg

DEEPAK
(29MU0018)

PRODUCTION TRAITS	
Dam's Yield	4,020 kg
Sire Dams Yield	4,081 kg
Fat	7.60 %
Fat	306 kg
Protein	5.20 %
Parent Average Yields	4,051 kg

SANDY
(29MU0021)

PRODUCTION TRAITS	
Dam's Yield	4,339 kg
Sire Dams Yield	4,404 kg
Fat	7.8 %
Fat	338 kg
Protein	4.00 %
Parent Average Yields	4,372 kg

AMIT
(29MU0019)

PRODUCTION TRAITS	
Dam's Yield	4,030 kg
Sire Dams Yield	4,081 kg
Fat	7.80 %
Fat	314 kg
Protein	4.20 %
Parent Average Yields	4,056 kg

RISHI
(29MU0031)

PRODUCTION TRAITS	
Dam's Yield	3,888 kg
Sire Dams Yield	3,338 kg
Fat	7.90 %
Fat	307 kg
Protein	4.66 %
Parent Average Yields	3,613 kg

SANGRAM
(29MU0029)

PRODUCTION TRAITS	
Dam's Yield	3,502 kg
Sire Dams Yield	3,894 kg
Fat	8.20 %
Fat	287 kg
Protein	NA
Parent Average Yields	NA

VIKAS
(29MU0013)

PRODUCTION TRAITS	
Dam's Yield	3,123 kg
Sire Dams Yield	3,206 kg
Fat	7.90 %
Fat	247 kg
Protein	4.90 %
Parent Average Yields	3,165 kg

IMRAN
(29MU0014)

Sexcel

PRODUCTION TRAITS	
Dam's Yield	3,450 kg
Sire Dams Yield	3,787 kg
Fat	7.33 %
Fat	253 kg
Protein	4.63 %
Parent Average Yields	3,619 kg

TEJAS
(29MU0015)

PRODUCTION TRAITS	
Dam's Yield	3,284 kg
Sire Dams Yield	3,787 kg
Fat	7.80 %
Fat	256 kg
Protein	5.30 %
Parent Average Yields	3,536 kg

BALWAN
(29MU0032)

PRODUCTION TRAITS	
Dam's Yield	3,715 kg
Sire Dams Yield	3,417 kg
Fat	7.9 %
Fat	293 kg
Protein	4.1 %
Parent Average Yields	3,566 kg

MANOJ
(29MU0024)

PRODUCTION TRAITS	
Dam's Yield	3,942 kg
Sire Dams Yield	3,787 kg
Fat	7.5 %
Fat	296 kg
Protein	4.3 %
Parent Average Yields	3,865 kg

ISHANT
(29MU0025)

PRODUCTION TRAITS	
Dam's Yield	3,900 kg
Sire Dams Yield	3,787 kg
Fat	7.60 %
Fat	296 kg
Protein	4.3 %
Parent Average Yields	3,844 kg

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HURST
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