ABS Connect

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ABS

Profit From Genetic Progress

Looking Ahead...

We are living in extraordinary times and the unprecedented Covid 19 situation that has compelled certain changes in the way we live our lives. It has created many challenges for you and us. However, I am tremendously impressed with the way our customers, veterinarians, dairy farmers, and ABS employees have adapted to the testing circumstances. All of you, together, have ensured continuity in the food chain and availability of the milk and other dairy products. You have been the critical link, helping to nourish the vast population amidst this huge crisis.

It is important to continue this collaboration and flexibility to continue to serve our customers and the country's huge population. It is equally important to stay connected and continue to interact and exchange information. I am happy that "***ABS Connect***" will be yet another common thread, offering knowledge-sharing on dairy genetics, breeding and dairy management. I wish you happy reading and look forward to celebrating how you all, as the dairy community, have responded and supported each other. Please revert with specific topics or info you would like "***ABS Connect***" to cover in the future. Stay safe and stay connected!

DR. ARVIND GAUTAM
Managing Director

Breeding Decoded

Estimated breeding value (EBV)

EBV is an estimate of the genetic merit for an animal for a given trait (or series of traits) based on an evaluation of data on the performance of an animal, and close relatives (parents & siblings). Using traditional methods of genetic evaluation, the true breeding value (or true genetic merit) is not known and hence this is computed based on the genomic results and/or performance of daughters (Progeny Testing). The estimates of genetic merit are generally presented as the predicted transmitting ability (PTA) in dairy cattle. e.g Positive EBV of +120 on milk suggests that the bull is an improver for milk and the progeny sired by this bull would produce 120 lbs milk extra than the average milk production of the breed.

Performance Matters

Ganga
PC: Mr. Rajkumar Agarwal
Chhattisgarh. Ph 92294 51446

Ganga is 23 Months old and 7 months pregnant. Excellent genetics has resulted in 16 month old sahiwal heifer to be ready for breeding.

Sire Details: ABS Baadal (One of the top Sahiwal bulls in India with Dams Milk Yield of 4996 kg and Parents Average Milk Yield of 5094 kg and high fat of 5%).

What's New

ABS India is pleased to announce its further strengthening of High Merit Dairy Genetics through the fresh import of Holstein and Jersey bulls in India again. These bulls have completed the quarantine and are located at its Brahma Dairy genetics facility, District Sangli, Maharashtra

All the imported live bulls are Genomically evaluated and are the highest TPI and Net Merit ($NM) ranging from 2750-2850 and NM 700-850 respectively. These bulls are amongst the best in the world and highest genetic merit bulls till date in India. ABS India already had the highest dairy genetics in India with earlier imported live bulls and embryos which have been superseded by the freshly imported bulls. This import gives a unique opportunity to the Indian dairy farmer to increase their profitability by about 100% as compared to an average Holstein bull in the US. Needless to say, these bulls would bring even more prosperity to Indian dairy farmer.

MYTH BUSTERS

Shaking the straw to move all semen away from the end damages sperm cells.

This will not damage sperm, and if the semen is not moved away from the end that is to be cut, 1 to 5% of the sperm will be lost.

Milk Facts

Know more about Colostrum Feeding

Colostrum contains immunoglobulins which gives immunity to calves. Feeding right quality and quantity of colostrum is very important to develop a healthy calf and good dairy cow. Practice simple steps to ensure colostrum feeding to the baby calf.

- Feed Milk colostrum as soon as after delivery
- Feed 10% of body weight with in first 2 hours of birth (e.g. 3.5 lit per day for a body weight of 35 kg)
- Colostrum to be fed with a bottle / bucket to ensure that the required quantity is consumed
- Test for its quality with Bricks Refractometer (Ideal value is more than 120 mg/ml of IgG)

KNOW MORE

Rumen Environment

- Over 100 litres of volume capacity
- Optimal pH between 5.7 – 7.3 (ideal 6.8 !)
- Temperature 38 – 42 degree Celsius
- Cow/ Buffalo is largely dependent on rumen microbes for supply of energy and protein to meet its requirements.

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