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PARIVARTAN

a quarterly newsletter published by J K Trust

JK Trust

Jan 2017

JK BovaGenix announced the birth of India's first IVF calves through frozen IVF embryos at Gopalnagar (Chhattisgarh State)



Tharparkar donor Cow along with three of her IVF Calves produced through frozen IVF Embryos



India's first IVF Male Calf (Krishna) born from Frozen IVF Embryo

JK BovaGenix – an initiative of JK Trust had been fortunate enough to produce India's first IVF male calf from frozen embryo on 8th January, 2017, first IVF female calf from frozen embryo on 28th December, 2016, and third IVF male calf born on 8th January, 2017 through

frozen IVF embryos of Tharparkar breed of Rajasthan. Additionally, two IVF calves, (one male and one female) from fresh IVF embryos were born on 23rd December, 2016 and 24th December, 2016 respectively. These calves were born at **Dr. Vijaypat Singhania Centre of Excellence for Assisted Reproductive Technologies in Livestock** located at Gopalnagar, Chhattisgarh.

This latest development can be termed as a turning point in India's growth story that would usher in a revolution of producing genetically superior indigenous breeds that can lead to a multifold increase in milk output.

Shri N. Chandrababu Naidu, Hon'ble Chief Minister of Andhra Pradesh flagged off ET-IVF project of JK Trust in Andhra Pradesh



JK Trust has taken up a new project with the Govt. of Andhra Pradesh which is aimed at the preservation and propagation of native cattle breeds of AP, namely "Ongole" and "Punganur" – a first-of-its-kind initiative which utilises ART (Assisted Reproductive Technologies) like IVF (In Vitro Fertilisation) and ET (Embryo Transfer) which was launched on 11th November, 2016 by



Recent Happenings

Shri N. Chandrababu Naidu, Hon'ble Chief Minister of Andhra Pradesh at Vijayawada.

On this day, **Shri N. Chandrababu Naidu** witnessed the complete aspiration procedure at Vijayawada performed by the scientists of JK BovaGenix led by Dr. Shyam Zavar with the help of 'Mobile Cattle Embryo Transfer (ET) and In Vitro Fertilisation (IVF)' lab.



Visit of Dr. Manmohan Singh, to ET-IVF Lab located at Vadgaon, Pune

On 4th October, 2016, Dr. Manmohan Singh, Spl. Chief Secretary (AH), Govt. of AP and Mr. J. Murali, Special Commissioner for Co-operation and Registrar of Co-operative Societies, AP visited our ET & IVF Lab and also paid a visit to our farm to see the different indigenous breeds of donor & recipient cows. They appreciated the IVF and ET Lab facilities and were quite impressed with the high-tech lab established by JK Trust.

Meeting of CEO-Dr. Shyam Zavar with Shri. Acharya Dev Vrat Ji - Governor of Himachal Pradesh

On 17th December, 2016, Dr. Shyam Zavar met Shri Acharya Dev Vrat Ji- Governor of Himachal Pradesh and apprised him about the various initiatives undertaken by JK Trust. The Governor was also briefed about JK BovaGenix – the new initiative of the Trust and its vision.



IVF Awareness Camp at Rajhans Dairy

On 7th December, 2016, Sangamner Taluka Sahakari Dudh Utpadak and Prakriya Sangh Ltd. (known as Rajhans Dairy) in collaboration with JK Trust organised an awareness camp on In Vitro Fertilisation (IVF) and Embryo Transfer (ET) in cattle. Dr. Shyam Zavar – CEO of JK Trust addressed the gathering of farmers regarding the IVF technology and also explained them how it will be beneficial to the dairy farmers. JK Trust's 'Mobile Cattle

Embryo Transfer (ET) and In Vitro Fertilisation (IVF)' lab were also brought there to have a better understanding of the technology by the gathering and also to make them understand how this technology can be made available at the farmers' doorstep. Dr. Shyam Zavar was felicitated by Balasaheb Thorat – a well-known leader of farmers and cooperative movement during launch of the programme.



IVF at field level – JK BovaGenix team along with Dr. Vijaypat Singhania, Chairman - JK Trust at Agricultural Development Trust's Krishi Vigyan Kendra Baramati, Malegaon, Pune, Maharashtra



Visit to Patanjali Ashram - Haridwar

Our CEO - Dr. Shyam Zawar visited Patanjali Ashram - Haridwar on 24th December, 2016 and had a cordial meeting with Baba Ramdevji and his Guru Acharya Praduman ji. Our CEO apprised Baba Ramdevji about the IVF & ET initiatives undertaken by JK BovaGenix. Baba Ramdev ji was very much impressed with the work and said that this is a very unique initiative and it will definitely help to conserve indigenous breeds of cattle and buffalo in our Country.

Participation in 8th Agro Vision 2016 from 10th to 13th November, at Nagpur (Maharashtra)

“Agrovision” is one of the biggest Agri Summit well received by the Farming Community, Agri Experts, Industry and the Organisation. This is central India's largest agricultural event held in Nagpur every year.



Like the previous year, this year too, JK Trust had actively participated in the Agro Vision Expo-cum- Workshop from 10th to 13th November, 2016. In addition to setting up a stall, JK Trust also participated in the free workshop related to IVF Technology. During the workshop, we got a very good response from the farmers. Around 10,000 farmers visited our stall, many of whom were keenly interested to know about the IVF & ET Technology. Some of the progressive farmers also attended the free workshop on IVF Technology.

Participation in Exhibitions



Active participation in Global Rajasthan Agri. Tech Meet held from 9th to 11th November, 2016 at Rajasthan

JK Trust Rajasthan Team participated in Global Rajasthan Agri. Tech Meet 2016 that was organised by the Govt. of Rajasthan with a focus on bringing together all the stakeholders – farmers, academicians, technologists, agribusiness companies and policy makers – to accelerate the development of sustainable agriculture and allied activities through innovative methods and best practices. This **Global Rajasthan Agri. Tech Meet** is a platform to transform and catalyse the process of improving the sustainability and economic viability of agriculture and allied activities shaping globalised, market-driven and profitable ventures.



During these three days, approximately 50,000 people from across Rajasthan visited the stall of JK Trust including farmers, dairy farm owners, people related with milk and allied products businesses, academia, public representatives,

police, media, etc. followed by Government officials including Director, CEO-RLDB, Additional Directors, Joint Directors, Deputy Directors, Veterinary Officers etc.

It has been observed that through this event, JK Trust's organisational visibility considerably increased among the diversified set of people even in remote areas. Many people for the first time heard about JKBovaGenix's initiative in India and heartily appreciated the effort of the Trust.



Participated in 3rd Dairy-Agri Expo of Gujarat Progressive Dairy Farmers' Association (GPDFA) from 19th to 21st November, 2016 at Anand



HF cross bred cow gives birth to healthy triplet calves in Osmanabad District, Maharashtra

The farmer - Mr. Balbhim Kumbhakarn got a big surprise when one of his HF cross bred cow gave birth to a rare set of triplets on 2nd October, 2016. A.I. was done on 26th December, 2015 by the Gopal of Saundana ILDC of Kallam block. All the calves born are of the same sex, i.e. male. Birth of triplet calves are very rare but the chances of the same sex triplet calves are the rarest of the rare which is one in 7,00,000.

The management team of JK Trust - Dr. D.S. Sontakke, Dy. State Project Manager, Mr. Sambhaji Mule, District Monitoring Office and Govt. team - Dr. Mukund Taware, District Polyclinic, Osmanabad, Dr. Ingale, In-charge District Artificial Insemination Centre, Osmanabad visited the place and witnessed the calves as described above.

During the visit, all the present Veterinarians checked the health of the newborn calves and explained the owner Mr. Balbhim Kumbhakarn about the healthful tips for rearing calves and the modern dairy practices. On this occasion, the farmer was also given some promotional gift (milking can) and medicines (tonic) for his cow and calves.

Gopal Training under AP Tribal Project - 240 ILDC



Recent Happenings / Events

On 10th August, 2016, the State Government of Andhra Pradesh had sanctioned a project for a period of five years in the tribal pockets of Visakhapatnam, Vijayanagaram, Srikakulam, East Godavari & West Godavari Districts to carry out the activities of Cattle Breed Improvement through Artificial Insemination with high-quality frozen semen. For implementation of this programme, JK Trust had selected unemployed local tribal youth candidates for each centre after a rigorous selection procedure.

Intensive theory training on Artificial Insemination and allied services was carried out for these 240 tribal youths in Regional Animal Husbandry Training Centres (RAHTC) of Visakhapatnam, Kakinada, Guntur and Banvasi for 45 days. After completion of classroom training, field training was given in Telangana ILDC's for two months. The final evaluation was done by AH officials in RAHTC's of AP and an agreement was undertaken by the Gopals for taking up the activity. During Phase-I, a total of 221 candidates successfully completed 4 months' training during the period from September to December, 2016. In Phase-II, a batch of 25 candidates had completed their theory training from Regional Animal Husbandry Training Centres of Visakhapatnam by the end of December 2016.

Hand-Operated Chaff Cutter Distribution, Chhattisgarh



Under the RKVY Scheme, JK Trust has been operating 29 Fodder Multiplication Centres (FMCs) in 11 districts of Chhattisgarh to provide fodder seeds/planting material along with continued support and advisory services. Under this project, we have to distribute 50 hand-operated chaff cutters to each FMC every year.

Chaff cutter distribution was started from November 2016 and till now we have distributed 500 chaff cutters in 5 districts and rest of the distribution is still going on. During the distribution, Govt. officials of Chhattisgarh State were also present. The aim of distribution of the Hand-operated Chaff Cutter is cutting straw or hay into small pieces before being mixed together with other forage and fed to the cattle which improves the digestion, yielding more milk output.

Participated in Sarpanch Milan Sammelan at District Korba, Chhattisgarh

A **Sarpanch Milan Sammelan Programme** was organised by the Govt. of Chhattisgarh on 11th November, 2016 in Korba District which was inaugurated by Hon'ble Chief Minister Dr. Raman Singh. The Chief Minister and other dignitaries had personally interacted with all the 53 Sarpanches & farmers to understand their problems and explained the new projects/plan implemented by the Govt. in the state. JK Trust was the only NGO who got a



chance to set up their stall along with the various Govt. Departments.

JK Trust had showcased its various interventions, especially ILDCs and Fodder Multiplication Centres (FMCs) with upgraded AI born calves & green fodder demonstration. The huge number of farmers showed their interest and visited the stall. Dr. Raman Singh personally visited our stall and appreciated our activities.

Inauguration of Mahindra & Mahindra Limited CSR Project in Madhya Pradesh

The project was launched on 27th October, 2016 at ILD village Budasa in District Dewas. The Chief Guest of the programme was Mr. Narendra Singh – President, Zilla Panchayat, Dewas and the special Guest was Mr. Joy Prakash - Business Head from Mahindra & Mahindra Ltd. The occasion was also graced by the presence of Mr. Harnam Singh Thakur - Manager, Procurement - Dairy Business, Mr. Ravi Kumar - M&M Ltd. & Mr. Anar Singh - Sarpanch Budasa. Around 120 farmers had actively participated in the event.



Extensive Cattle Camps conducted in MP under IDFC Foundation Cattle Care Camp Project

JK Trust, MP organised around 60 Camps during the period from Oct-Dec 2016 in 5 districts of Madhya Pradesh under the IDFC Foundation Cattle Care Camp Project.

A total of 15,940 animals were treated in the camp during the period from Oct-Dec 2016. This included 15,300 first-aid treatments, 470 infertility cases, Pregnancy Diagnosis checked in 40 animals, Artificial Insemination in 19 animals and 52 castrations. The main purpose of these camps was to address the issues related to awareness about the cattle health, seasonal diseases and infertility in cattle as well as rapport-building with farmers. These camps have benefited around 2,704 dairy farmers.



PAN India Presence



TOTAL NO. OF ILD CENTRES : 3782

(As on 31st Dec, 2016)

To,

From,

JK Trust

Pokhran Road No. 1, Jekegram,
Thane - 400 606 (Maharashtra), India.

Phone: 91-22-4036 7000 Fax: 91-22-2537 5840

Email: jktgvj@jktrust.org Website: www.jktrust.org

PARIVARTAN also available at www.jktrust.org