

## TO WHOM SO EVER IT MAY CONCERN

The Cytogenetic monitoring of bulls to qualify for semen production needs systematic identification of all karyotype abnormalities carriers, which may determine the low reproductive performance of animals affected by these defects. This Cytogenetically tested bull semen is frozen and used for artificial insemination on very large population of cow and buffalo females.

So the evaluation of genetically superior bulls for chromosomal aberrations is very important. As there was hardly any facility for such cytogenetic testing of cattle in India. Since it was the need of the hour while looking for a solution, we came across Dr. Hema Purandare who was the pioneer human cytogeneticist with her own well-equipped lab in Mumbai. When we approached her, she happily accepted our request and to our surprise candidly accepted that, she would perform the karyotyping of the bulls but since she is not the authority of animal cytogenetics a close collaboration with veterinarians would be necessary for interpretation of the reports.

We are grateful to Dr. Hema who visited our semen centre to personally see our cattle management and performed animal cytogenetic tests for us during which helped us in avoiding further financial losses and other issues in this regard.

We wish her all the best.

For M/s. B. G. Chitale



Partner