



The Kiwipole is the result of many years of breeding work with the goal to significantly improve forage based milk production under heat stress in a 100% Taurus animal based on the recent discovery of the “slick” gene. The “slick” genetic locus, originally identified by the University of Florida, in Senepol cattle, contains a genetic variation that leads to heat tolerance and a “slick” coat. The exact genetic variation was recently isolated by scientists at Livestock Improvement Corporation (LIC) in New Zealand, providing genetic markers for the trait to include in the Kiwipole breeding program.

Slick cows have superior ability to regulate body temperature, resulting in up to 2 liters more milk per day in American Holsteins under heat stress, compared to non-slick cows. They also have improved tick resistance to purebred Holsteins.

Dairy Solutionz has bred the “slick gene” into genetics proven in NZ. Bulls available are up to 12/16<sup>th</sup> US Holstein, 8/16<sup>th</sup> Kiwi Holstein, 12/16<sup>th</sup> Kiwi Cross, 14/16<sup>th</sup> Kiwi Jersey. The Dairy Solutionz technical team is available to customize the bull selection to local conditions/farm systems, milk payout method and your foundation genetics.

New Zealand genetics have the capability to improve herd fertility as a strictly seasonal calving pattern has ensured the indirect selection for fertility on New Zealand farms for more than 50 years. As a result the NZ herd and bull team is the most fertile in the world.

New Zealand genetics are also proven to have world’s highest milk solids composition per liter of milk (8.5% Fat and Protein) resulting in considerable advantages and savings in logistics and value added processing.

An extensive bull team of 14/16<sup>th</sup> Holstein, 14/16<sup>th</sup> Kiwi Cross, Kiwi Jersey and Kiwi Holstein animals is being developed in collaboration with LIC, the world leader in forage based dairy genetics <http://www.lic.co.nz/>.

For more information including reference Science go to:  
<http://www.dairysolutionz.co.nz/Tropical-Genetics>  
or email [info@dairysolutionz.co.nz](mailto:info@dairysolutionz.co.nz)  
or phone +6478570502