

# Econotech Simmentaler: promising young stud bulls

ID	Name	Sire	Mother	Mother's sire	Mother's mother	Age Mar 14	Polled
PJD1126P	Econotech Viko	Prostock Hugo PP(USA)	PJD0746	Kykso Kalhei	PJD0531*	28 months	polled
PJD1135P	Econotech Kaulele	Jozette Gonasty PP	PJD0416** *	Zamuto (Germany)	PJD0033	27 months	polled
PJD1215P	Econotech Lubabalu	Jozette Gonasty PP	PJD0717	Econotech PJD0348	PJD0226	24 months	polled

**Econotech Viko P** is polled and sired by Prostock Hugo PP, an American full blood Simmental bull. Viko has exceptional length of body plus breadth, depth and capacity.

- Viko brings calving ease and a low birth weight to a stud. He has breadth, depth and capacity.
- Viko's sire, Prostock Hugo PP, is an American bull which was sold for US\$100,000. His semen is sold worldwide.
- Hugo provides the polled genes, red pigmentation, excellent conformation and extra length of body to the Simmental breed.
- Viko is bred especially for heifers as he hails from Kykso Kalhei, an AI bull in SA with top calving ease and low birth weight breeding values.
- Viko comes also from a very fertile family with his grand mother, PJD0531, being awarded a "One Star Cow" award.

**Econotech Kaulele:** He has been sired by Jozette Gonasty PP, a prominent AI bull in SA with more than 300 registered offspring.

- Gonasty comes from the FS Mr. Dynasty 345C P, a renowned Canadian Bull, line. He has one of the highest EBV's for calving ease and scrotum circumference (an strong indication for fertility)
- Gonasty figures in the top 1% of the SA 2012 crop regarding the SF economic index and in the top 5% and 10% re the SG and TS indexes respectively.

- Kaulele's mother is PJD0416 which has received a "Three Star cow" award, the top award in SA. She has produced excellent calves every year since 2006.
- Kaulele's grand father is the prominent German Simmental AI bull, Zamuto. Zamuto is a horned Simmental bull with deep red pigmentation,
- solid conformation and length of body.

**Econotech Lubabalu:** He is a very masculine type with lots of capacity and width. Lubabalu is also a son of Gonasty with excellent growth genes.

- He is polled and comes from a well built cow family.
- Calving ease and low birth weight: The Econotech Simmentaler stud is consistently better than the average SA crop over the past years regarding these two attributes.

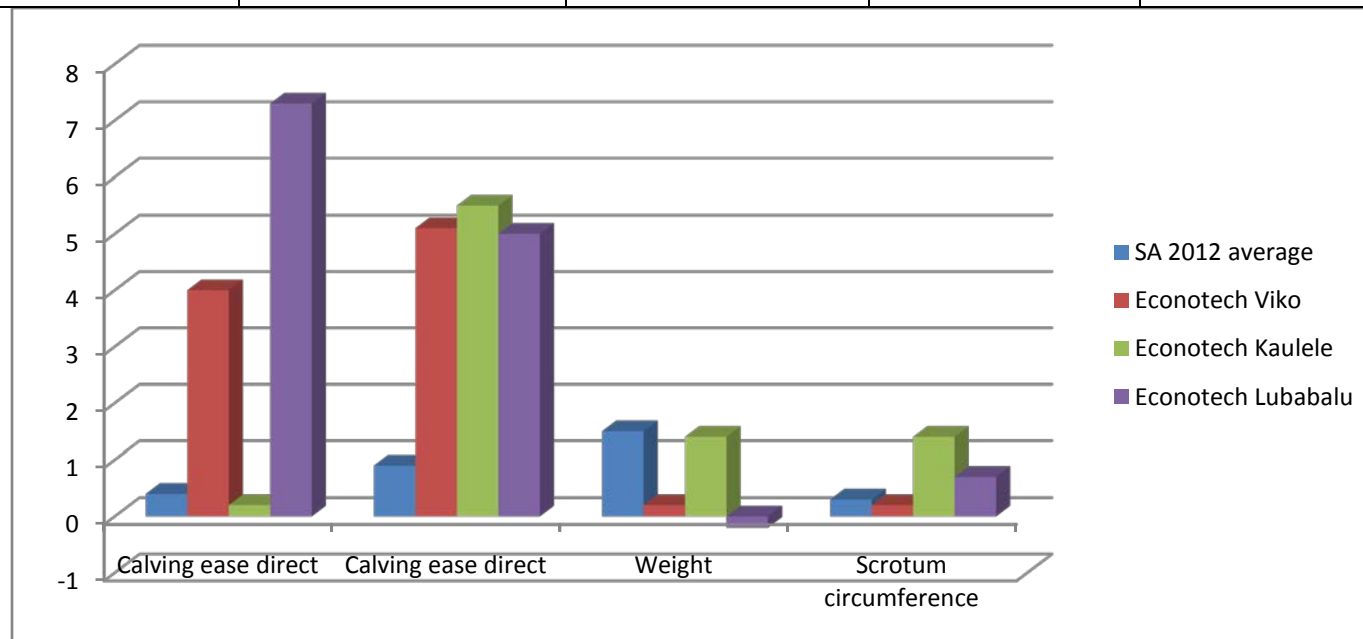
***In 2013 the Econotech herd averaged far below the SA crop for the birth weight EBV (0.7 for Econotech against the 1.5 for the SA crop).***

***For Calving Ease Direct the EBV for Econotech in 2013 averaged at 3.1 against the 0.5 for the SA crop.***

***Fertility: These three bulls come from the Econotech Simmentaler herd which rates within the top 25% of the SA 2012 herd regarding 'Days to Calving', a strong indicator of fertility.***

### **Breeding values for calving ease and fertility**

Name	Calving ease direct	Calving ease direct	Weight	Scrotum circumference
SA 2012 average	0.4	0.9	1.5	0.3
Econotech Viko	4	5.1	0.2	0.2
Econotech Kaulele	0.2	5.5	1.4	1.4
Econotech Lubabalu	7.3	5	-0.2	0.7



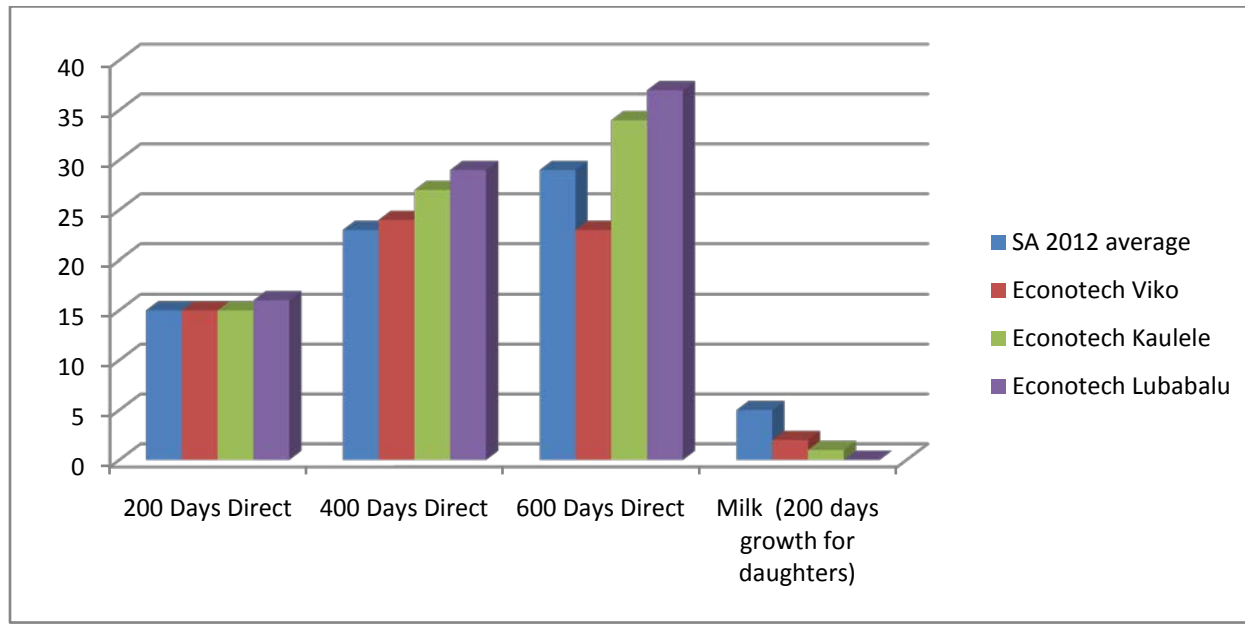
The graph shows Viko and Lubabalo's superiority regarding calving ease and low birth weight.

Kaulele and Lubabalu excel especially regarding their scrotum circumference which is a reliable indicator for the fertility of their heifers.

Kaulele's estimated breeding value (EBV) for Calving Ease Daughters is also superior to that of the SA crop of 2012.

**Breeding values for growth**

Name	200 Days Direct	400 Days Direct	600 Days Direct	Milk (200 days growth for daughters)
SA 2012 average	15	23	29	5
Econotech Viko	15	24	23	2
Econotech Kaulele	15	27	34	1
Econotech Lubabalu	16	29	37	0

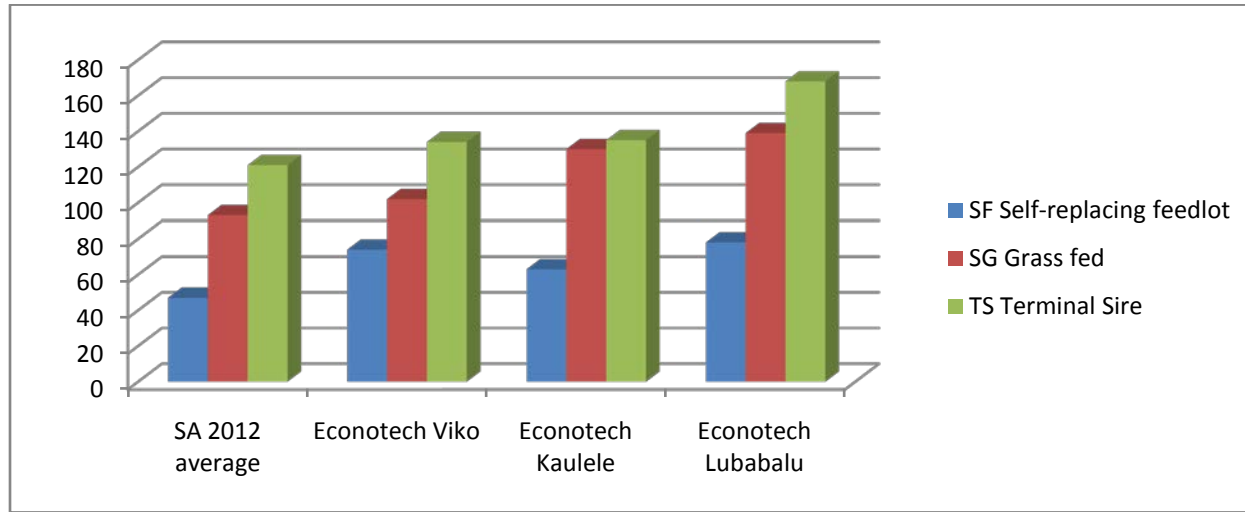


According to the graph Kaulele and Lubabalu's breeding values for growth at 400 and 600 days are superior, but they lack in "milk" i.e. growth at 200 days of their daughters.

Viko's growth breeding values are on average to that of the SA 2012 crop.

# Economic Indexes

Name	SF Self-replacing feedlot	SG Grass fed	TS Terminal Sire
SA 2012 average	47	93	121
Econotech Viko	74	102	134
Econotech Kaulele	63	130	135
Econotech Lubabalu	78	139	168



Economic indexes bring all the various breeding values according to the respective merit of each value into one economic value.

SF: This index is for a pure bred Simmental herd which breed calves for a feedlot. Both three bulls have superior indexes to that of the SA 2012 crop.

SF: Viko and Lubabalu's SF indexes are in the top 10% of the SA 2012 crop and Kaulele in the top 20%.

SG: This index take those herds which produce weaners from grass into account.

SG: Regarding the SG index Kaulele and Lubabalu is in the top 10% and 5% respectively, and Viko in the top 35% of the SA 2012 crop.

TS: This index measures an animal's ability to breed sires for use by cattle farmers who concentrate on cross-breeding terminal calves for a feedlot.

TS: Lubabalu's TS index is in the top 10% and both Viko's and Kaulele's TS indexes are in the top 35% of the SA 2012 crop.