ECONOTECH SIMMENTALER SEEDSTOCK PRODUCER

TABLE 9: COWS' and HEIFERS' PEDIGREE AND COWS' CALVING RECORD

ID of COW	SIRE OF COW	DAM OF COW	BIRTH DATE	Number of Calves	Age at 1st calve mnths	Inter calving period ICP
Pregnant Cows						
PJD1664 P	ECONOTECH WILLIE PP	PJD0743	2016/12/20	4	24	355
PJD196	WISP-WILL TIARK P	PJD0966	2019/01/05	2	24	321
PJD1935	ECONOTECH NEELS P	PJD1435	2019/10/06	1	25	
PJD1946	ECONOTECH KALANT P	PJD1137	2019/12/16	1	26	
Pregnant Heifers				**Statistics of heifers' dams**		
PJD2023 P	ECONOTECH KALANT P	PJD1721 P	2020/10/14	3	25	361
PJD2045 P	ECONOTECH KALANT P	PJD1658 P	2020/12/03	4	24	356

TABLE 10: COWS' and HEIFERS' PREGNANCY STATUS

ID of COW	SIRE OF PLANNED CALF	Preg-nancy Status 2022/06/30	PLANNED CALVING DATE
Pregnant Cows			
PJD1664 P	PJD2015/PJD2017/PJD2024	2 months	Feb 23+
PJD196	PJD2015/PJD2017/PJD2024	2 months	Feb 23+
PJD1935	PJD2015/PJD2017/PJD2024	6 weeks	Feb 23+
PJD1946	PJD2015/PJD2017/PJD2024	6 weeks	Feb 23+
Pregnant Heifers			
PJD2023 P	PJD2015/PJD2017/PJD2024	6 weeks	Feb 23+
PJD2045 P	PJD2015/PJD2017/PJD2024	6 weeks	Feb 23+

ECONOTECH SIMMENTALER SEEDSTOCK PRODUCER

TABLE 11: COWS' and HEIFERS' EBV'S FERTILITY AND CALVING EASE

ID of BULL	Fertility Scrotal size SS	Fertility Days to Calving DC	Fertility Mature cow wgt MCW	Calving ease CED	Calving ease CEM	Calving ease Birth weight
Pregnant Cows						
PJD1664 P	0,8	-2,7	30	6,7	6,1	0,3
PJD196	0,2	-0,6	30	0,4	5,7	1
PJD1935	1	-4,4	32	8	6,3	0,2
PJD1946	-0,1	1,3	37	3,8	3,5	1
Pregnant Heifers						
PJD2023 P	-0,1	0,2	43	3,1	3,2	0,9
PJD2045 P	0,5	-0,7	39	5,2	4,9	1
Average	**0,4**	**-1,2**	**35**	**4,5**	**5,0**	**0,7**
% of SA 2020	**40%**	**30%**	**45%**	**15%**	**5%**	**15%**
SA 2020 crop	0,3	-0,7	33	0,7	0,7	1,5

ECONOTECH SIMMENTALER SEEDSTOCK PRODUCER

TABLE 12: COWS' and HEIFERS' EBV'S
GROWTH AND ECONOMIC INDEXES

ID of COWS	Growth	Growth	Growth	Growth	Simmentaler	
	200 days	400 days	600 days	Mature cow wgt MCW	Breeders Index SB	Profit Index SP
Pregnant Cows						
PJD1664 P	13	23	28	30	701	636
PJD196	19	34	41	30	637	592
PJD1935	21	32	41	32	778	692
PJD1946	16	29	35	37	515	525
Pregnant Heifers						
PJD2023 P	20	34	40	43	584	573
PJD2045 P	17	29	36	39	625	597
Average	**18**	**30**	**37**	**35**	**640**	**603**
% of SA 2020	35%	25%	25%	45%	10%	5%
SA 2020 crop	17	26	32	33	479	472

ECONOTECH SIMMENTALER SEEDSTOCK PRODUCER

TABLE 13: POSSIBLE SIRES OF PLANNED CALVES: FERTILITY AND CALVING EASE

ID of SIRES	Fertility Scrotal size SS	Fertility Days to Calving DC	Fertility Mature cow wgt MCW	Calving ease CED	Calving ease CEM	Calving ease Birth weight
ECONOTECH KAI-KAI						
PJD2015 P	0,8	-3,1	30	7,5	4	-0,6
ECONOTECH FAF 1						
PJD2017 P	-0,4		21	8,9		-1,6
ECONOTECH SIYA 1						
PJD2024 P	0,7	-2,7	39	6,4	2,6	0,8
Average	**0,4**	**-2,9**	**30**	**7,6**	**3,3**	**-0,5**
% of SA 2020	40%	5%	65%	5%	10%	5%
SA 2020 crop	0,3	-0,7	33	0,7	0,7	1,5

NOTE: Our motto is that every calf must count. These three young bulls have on average higher fertility traits than the cows and heifers. They should improve the planned calves' EBV's for Days to Calving as well as lower their Mature Cow Weiight. The planned calves should also inherit the calving ease of their dams cum sires.

ECONOTECH SIMMENTALER SEEDSTOCK PRODUCER

TABLE 14: POSSIBLE SIRES OF PLANNED CALVES: GROWTH AND ECONOMIC INDEXES

ID of SIRES	Growth	Growth	Growth	Growth	Simmentaler	
	200 days	400 days	600 days	Mature cow wgt MCW	Breeders Index SB	Profit Index SP
ECONOTECH KAI-KAI						
PJD2015 P	14	27	32	30	699	636
ECONOTECH FAF 1						
PJD2017 P	11	19	22	21	612	583
ECONOTECH SIYA 1						
PJD2024 P	19	34	42	39	701	633

Average	**15**	**27**	**32**	**30**	**671**	**617**
% of SA 2020	65%	40%	50%	65%	10%	5%

SA 2020 crop	17	26	32	33	479	472

NOTE: The emphasis of our mating strategy is to lower the Mature Cow Weight in order to adapt to climate change. This should be achieved without decreasing the economic selection indexes of the planned calves.The three young bulls shoould on average achieve this objective.

tables

tables

tables

tables

tables

tables

tables

tables

tables