ECONOTECH SIMMENTALER SEEDSTOCK PRODUCER

Table 2: Power of Bull Selection

Outcome of mating with Dan PJD1743

	REPRODUCTION						GROWTH			REPRO
Outcome of Dan PJD1743	CED	CEM	brt wght	milk	SS	DC	200 days	400 days	600 days	MCW
Dan	5,2	3	0	6	1,2	-4,5	14	27	34	25
Average of Cows	6,4	4,4	0,3	0	0,7	-2,1	15	28	32	34
Calves sired by Dan	6,0	3,8	0,0	3	0,9	-3,3	14	26	32	30
Change	-6%	-13%	-112%	700%	24%	56%	-3%	-4%	1%	-14%
SA 2020	0,7	0,7	1,5	5	0,3	-0,7	17	26	32	34

	BODY CONDITION					ECON INDEXES	
Outcome of Dan PJD1743	EMA	Rib	Rump	RBY	IMF	SBI	SPI
Dan	0,9	0,3	0,5	0,4	0,1	712	619
Average of Cows	0,1	0,2	0,3	0,1	0,1	686	624
Calves sired by Dan		0,3	0,5	0,2		696	623
% change		60%	47%	284%		2%	0%
SA 2020	0,2	0	0,1	0,2	0,1	480	473

Formidable reproduction traits and growth curve bender

Dan is a prime example of how to achieve a high reproduction rate. This is based on a Days to Calving (DC) of -4,5 (in top 1%) and a Scrotal Size (SS) of 1,2 (in the top 5%). Dan's body condition EBV's play also an important part in underpinning his high reproduction traits. He is a great curvebender with his 400day growth above average (top 40% of the SA 2020 crop), while his MCW is only in the lower 20%. *Lastly, Dan shares his* very high economic indexes with only 5% of the SA 2020 crop. As a result Dan increased his 2020-21 calf crop's fertility traits, SS and DC, considerable. He lowered their MCW with 14% to those of their dams. Their body condition traits have also been increased by Dan. His calf crop's economic selection indexes stayed in the

top 5% of the SA 2020 crop.