

# ECONOTECH SIMMENTALER SEEDSTOCK PRODUCER

## Table 2: Power of Bull Selection Outcome of embryos sired by Kalant P, PJD1565

### Fertility and Calving Ease

	Inbreeding coef- ficient %	Fertility Scrotal size SS	Fertility Days to Calving DtC	Fertility Mature cow wgt MCW	Calving ease		
					CED	CEM	Birth weight
<b>Embryos sired by Kalant P, PJD1565</b>							
Kalant P		0,5	-2	46	2	4,3	2,5
x PJD103	3%	0,5	-2,3	37	4,9	3,4	1,3
x PJD1633 P	3%	0,8	-3,8	38	5,9	2,8	1
x PJD1721 P	3%	0,2	-1,1	38	3,8	4,7	0,9
x PJD1722	2%	0,6	-2,9	38	4,2	2,2	1,3
<b>SA 2019</b>		0,3	-0,7	34	0,6	0,8	1,5
	Top 1% of SA 2019 crop						
	Top 5% of SA 2019 crop						
	Top 10% of SA 2019 crop						

Source: Breedplan October 2021. Estimated breeding values (EBV's)

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## Table 2: Power of Bull Selection Outcome of embryos sired by Kalant P, PJD1565 (continued)

### Growth and Economic Indexes

	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	<u>Growth</u>	Residual Feed Index NFI-P	<u>Economic</u>	
	200 days	400 days	600 days	Mature cow wgt MCW		index Breeder's SBI	index Profit SPI
	<b>Embryos sired by Kalant P, PJD1565</b>						
Kalant P	22	37	48	46	-0,12	722	632
x PJD103	19	31	39	37		693	614
x PJD1633 P	20	35	44	38		768	659
x PJD1721 P	20	34	41	38		626	593
x PJD1722	22	35	41	38		707	616
<b>SA 2019</b>	17	26	32	34	-0,03	480	471

	Top 1% of SA 2019 crop
	Top 5% of SA 2019 crop
	Top 10% of SA 2019 crop
	Top 20% of SA 2019 crop

Note: RFI = Residual Feed Intake (Net Feed Intake)

Source: Breedplan October 2021. Estimated breeding values (EBV's)

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### Body Condition

	Eye muscle area <b>EMA</b> (sq. cm.)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	Intra Muscular Fat IMF(%)
<b>Embryos sired by Kalant P, PJD1565</b>					
Kalant P	0,7	0,1	0,3	0,5	0
x PJD103	0,4	0	0,2	0,4	0
x PJD1633 P	0,9	0,2	0,4	0,6	0,1
x PJD1721 P	0	0	0,2	0,2	0,1
x PJD1722	0,8	0,1	0,3	0,5	0
<b>SA 2019</b>	0,3	0	0,1	0,2	0,1

	Top 1% of SA 2019 crop
	Top 5% of SA 2019 crop
	Top 10% of SA 2019 crop
	Top 20% of SA 2019 crop

Source: Breedplan October 2021. Estimated breeding values (EBV's)

















