

## NICHOLS PURE AND COMPOSITE LINES - *All Lines are Black & Polled*

### PURE LINES

AN = PUREBRED ANGUS

– 100% British

SM = PUREBRED BLACK SIMMENTALS

– 100% Continental

SD = PUREBRED BLACK SOUTH DEVON

– 100% British

SA = PUREBRED SALERS

– 100% Continental

### F-1 COMPOSITES

SX1 = PB ANGUS by PB SIMMENTAL

Nichols PB Angus

**Nichols SX1**

Nichols PB Simmental

– \*50% British - 50% Continental

AX1 = PB ANGUS by PB SALERS

Nichols PB Angus

**Nichols AX1**

Nichols PB Salers

– \*50% British - 50% Continental

DX1 = PB SOUTH DEVON by PB ANGUS

Nichols PB South Devon

**Nichols DX1**

Nichols PB Angus

– \*100% British

ADJUSTMENT FACTORS OF DIFFERENT BREEDS TO ESTIMATE ACROSS BREED-EPDS (2007)				
breed	birth wt.	wean wt.	yrl. wt.	milk
<b>Angus</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
Hereford	2.9	-2.5	-15.7	-18.3
<b>South Devon</b>	<b>6.1</b>	<b>22.6</b>	<b>41.3</b>	<b>5.3</b>
Limousin	4.1	1.8	-21.5	-16.4
<b>Simmental</b>	<b>5.8</b>	<b>22.6</b>	<b>20.8</b>	<b>11.9</b>
Gelbvieh	4.7	6.2	-22.6	4.6
Charolais	10.0	38.8	53.1	1.3
<b>Salers</b>	<b>4.2</b>	<b>29.0</b>	<b>42.1</b>	<b>11.2</b>
Red Angus	3.0	-1.6	-0.8	-8.1

### F-2 COMPOSITES

DAX2 = DX1 by AX1

Nichols PB South Devon

Nichols DX1

Nichols PB Angus

**Nichols DAX2**

Nichols PB Angus

Nichols AX1

Nichols Salers

– \*75% British - 25% Continental

DSX2 = DX1 by SX1

Nichols PB South Devon

Nichols DX1

Nichols PB Angus

**Nichols DSX2**

Nichols PB Angus

Nichols SX1

Nichols PB Simmental

– \*75% British - 25% Continental

XL2 = SX1 by AX1

Nichols PB Angus

Nichols SX1

Nichols PB Simmental

**Nichols XL2**

Nichols PB Angus

Nichols AX1

Nichols PB Salers

– \*50% British - 50% Continental

### F-3 COMPOSITES

XL3 = DAX2 by SX1

Nichols DX1

Nichols DAX2

Nichols AX1

**Nichols XL3**

Nichols PB Angus

Nichols SX1

Nichols PB Simmental

– \*66% British - 33% Continental

**note:** \*These pedigrees are examples. Nichols Composites' sires and dams may be reciprocal crosses. This does not affect their breed %, performance, phenotype, quality, carcass traits, or transferable heterosis.