

## **WISP-WILL SIMMENTALER AND SIMBRA BREEDING OBJECTIVES/ TEELDOELWITTE 2017**

### **IN THE ORDER OF IMPORTANCE**

#### **1. FERTILITY AND RETENTION/VRUGBAARHEID EN RETENSIE**

Dws. gereelde kalwing is by verre die belangrikste teeldoelwit. Tot 90% van die winsgewendheid van 'n koeikudde word deur koeivrugbaarheid bepaal. Retensie van kalwers na speen is ook baie belangrik. Simdex word gebruik vir 'n vrugbaarheidsindeks maar dit bly binne kudde/bestuursgroepverband. DaysToCalving data is darem al hoe meer bekikbaar. (Ons stuur al vir 14 jaar DTC data in).

Alhoewel vrugbaarheid laag oorerflik is word daar oor jare gevorder. Verse kry 'n 65 dae teelseisoen an koeie 75 dae. Verse bereik teikenmassa vir teel op 18 maande. Omdat ons 2 teelseisoene het word vroulike diere een kans gegun vir oorstaan. Skrotumomvangdata van bulle word ook sterk gebruik as 'n seleksiemiddel.

#### **2. SELECTION FOR EFFICIENCY AND PROFIT THROUGH EASY CALVING, HIGH GROWTH AND AVERAGE MATURE MASS. ACHIEVED THROUGH TOTAL TESTING**

Het gevind dat die winsgewensde diere gewoonlik gem. kalfgrootte by geboorte, bogemiddelde groei en gem. volwasse massa met gem. melk het. Dit is ook die diere wat makliker weer dragtig raak. Ons gebruik ons diere se groeiteelwaardes as 'n sterk hulpmiddel. Ekonomiese indekse/randwaardes is 'n groot hulpmiddel en hulle moet goed positief toon. Dit is tog 'n samevatting van al die T.W's in 'n geldwaarde. Veral die SFL indeks is van toepassing.

This also involves planned matings every time based on ebv's resulting in animals with more or less the abovementioned breeding values. This we call **balanced breeding**.

Bogenoemde impliseer dat alle moontlike inligting moet ingewin word van bv. matings, gewigte, skrotumomvang, heuphoogte, kondisietelling, (karkasdata) ens. **En dit is wat ons doen – total testing.** 'n Net feed intake teelwaarde is ook aan die ontwikkel danksy ons en ander BGP telers se bulle wat getoets word daarvoor.

We also partake 100% in the BGP program.

This is becoming more and more important as new marker genes are being found. In a few years combined EBV's will be available combining animals marker genes with performance data. It would appear that sound and complete performance testing is a prerequisite for this combination to work.

#### **3. STRUCTURALLY SOUND ANIMALS FOR BREEDING AND TO SUPPLY TO THE MARKET (PHENOTYPE).**

Vanselfsprekend. Behalwe vir streng visuele inspeksie by keuring word diere deurlopend gekeur deur ons.

Visual appraisal stays important.

**BUT WE FIRST DO SELECTION ON EBV'S BEFORE THE VISUAL ASPECTS COME INTO CONSIDERATION.**

#### 4. THE POLLED FACTOR.

Our cattle are steadily becoming a predominantly polled herd. This is what the market wants. Yet we will not sacrifice the above points just for the polled factor.

#### 5. SUPPLY HARDY AND ADAPTED BULLS AND FEMALES TO THE MARKET

This is a management tool as well as a genetic selection tool.

Kalwers moenie sag grootgemaak word nie (te veel byvoeding).

Diere word wel afgerond vir veilings maar nie in 'n intensiewe situasie nie - daar word minimale byvoeding gevoer en hulle moet loop om te eet en drink. Fiksheid is baie belangrik. Daar is diere wat nie aanpas nie – hul word uitgeskot.

“Females that calve every year are well adapted.”

#### 6. KEEP THE GENETIC BASE AS WIDE AS POSSIBLE.

By this is meant that inbreeding is kept at acceptable levels (max 5 or 6%).

Particularly with the Simbra as it has a much smaller genetic base.

Linebreeding is also absolutely unacceptable due to a drop in performance and fertility. The only “advantage” may be more phenotypic uniformity.

#### 7. PAY ATTENTION TO TYPE (ALSO PHENOTYPE).

This is more so in the Simbra than the Simmentaler. What is meant here is that the Simbra is a developing synthetic breed so from time to time animals that don't look like Simbra's are culled even though they may be structurally correct. A Simbra must have the visual characteristics of both the parent breeds. With the Simmentaler its phenotypic characteristics are pretty much a given. This is due to many years of pure breeding.

#### 7. IMPROVE CARCASS CHARACTERISTICS (FUTURE)

Data is being collected annually with ultrasound scanning and carcass data..

NO SELECTION is being done on these traits as yet.

THE WISP-WILL SIMMENTALERS ARE BRED FOR THE COMMERCIAL BREEDER FOR CROSSBREEDING OR PUREBREEDING WITHIN MORE INTENSIVE SYSTEMS AND FEED CONDITIONS. THIS BREED HAS A HIGHER PRODUCTION POTENTIAL THAN THE SIMBRA.

THE SIMBRAS ARE BRED FOR THE COMMERCIAL MAN FOR CROSSBREEDING OR PUREBREEDING WITHIN MORE EXTENSIVE SYSTEMS AND CONDITIONS. THIS BREED IS MORE HARDY AND BETTER ADAPTED TO EXTENSIVE CONDITIONS DUE TO THE 3/8 BRAHMAN COMPOSITION.

*OUR MAIN AIM IS FOR THE COMMERCIAL MAN AND OUR COMMERCIAL CATTLE TO MAKE MORE MONEY THROUGH OUR BREED OBJECTIVES. HE USUALLY HAS A WEANER MARKETING SYSTEM. IF WE SELL TOP BULLS TO STUD BREEDERS OR USE THEM OURSELVES THIS IS REGARDED AS A BONUS. “ THE COMMERCIAL MAN IS OUR BREAD AND BUTTER. ”*