



SUNFLOWER SUPREME REPLACEMENT HEIFER PROGRAM

BREEDING EVALUATION

Please fill out form completely and to the best of your knowledge. Record your operation name and Beef Quality Assurance (BQA) number.

PRE-BREEDING

ID: Ear tag ID. Individual heifer identification is required for all heifers enrolled in Sunflower Supreme.

Bangs No.: If it is a KS tag (metal tag), record the 3-letters and final 4-numbers. If the heifers were tagged in another state, include entire tag number. If the tag is an eID, include entire number sequence. If there is not enough room, record number in comments column.

Birthdate: This is optional, but if known might help with additional data collection.

Breed/Color: Use breed codes if known (Table 1), even for composites. If breeds are unknown use color codes. For example if you have a 1/2 Angus x 1/2 Hereford you can use the code 1/2 AN x 1/2 HF. If that same animal is only a black baldy, but you are not 100% sure it is Angus and Hereford then list the breed as a BB (black baldy).

Horn: Identify if heifer is genetically polled "P" or horned "H".

BVD-PI: BVD-PI test results. If negative indicate with "N", if positive indicate with "P". Remove all heifers with a positive test result. Also provide a copy of test results to local extension agent.

Vaccine: Indicate "Yes" or "No" that heifers were vaccinated for Leptospirosis, Vibriosis, BVD, and IBR. Fill out vaccine table at bottom of sheet including vaccine name, lot number, injection technique, amount administered, diseases prevented, and initial of who administered injections. If veterinarian did not administer provide copy of receipt with vaccines listed.

BCS: Body condition score based on a scale of 1-9, with a 1 being emaciated and 9 being severely obese. Heifers should be between a 5 and 7 at pre-breeding. The ideal number would be a 6 and if heifers are at a 5 it is recommended to work with an extension agent or nutritionist to increase 1 BCS prior to breeding date.

Weight: Heifers should be weighed and recorded. Heifers should weight at least 500 pounds at pre-breeding.

RTS: Reproductive tract scores are based on one of three categories (C, NS, or P). If heifers are currently "cycling", indicated with a (C), "not cycling but no problems" (NS), or "problem with reproductive tract" (P).

Pelvic Area: Pelvic area are to measured and recorded in centimeters squared. A minimum of 130 cm² is required.

Pelvic Shape: After palpating, if there is issues with the shape of the pelvis, as determined by the veterinarian, record possible issues. For example, simply listing abnormal or concerning is adequate. This is an area where veterinarians can classify heifers as Stocker because of concerns with shape.

Breeding Score: Veterinarian will score heifers based on 3-point K-State system. Heifers will be identified as either R-Ready, I-Intermediate, and S-Stocker. Stocker classified heifers cannot be enrolled in the program. Intermediate heifers might not be the best to use in an A.I. and synchronization program. Scoring system is evaluated on reproductive tract score (RTS), shape and size of pelvic area, tone of uterus, and ovarian stage of cycle as illustrated in Table 2.

Comments: Additional comments that are not accounted for in the rest of table can be expressed here.

* At pre-breeding send in Registration numbers and copy of registration paper for natural service sires. For A.I. sires a copy of bulls EPDs from Semen Selection book is acceptable.

** At pre-breeding bull breeding soundness exam is also strongly encouraged to help improve reproductive success in operation. Bull information can be recorded under vaccine information including individual bull ID, breed, registration number, passed or failed exam, comments, and initials of veterinarian that performed exam. If more space is needed than provided include an additional sheet.

Table 1. Breed Codes			
Angus	AN	MaineTainer	MT
Balancer	BL	Hereford	HF
Beefmaster	BM	Red Angus	RA
Brangus	BR	Red Poll	RP
Braunvieh	BV	Salers	SR
Charolais	CH	Shorthorn	SH
Gelbvieh	GV	SimAngus	SA
LimFlex	LF	Simmental	SM
Limousin	LM	South Devon	SD
Maine Anjou	MA	Tarentaise	TS
Color Codes			
Black	Bk	Red	Rd
White/Cream	Wh	Black Baldy	BB
Red Baldy	RB	Spotted	Sp
Grey	Gr	Yellow	Yw

Table 2. Breeding Score					
Score	BCS	Weight (% of mature wt)	Repro Tract	Pelvic Area	Pelvic Shape
R	>5	55-65%	Cycling (C)	>150 cm ²	Normal
I	>5	50-60 %	Not cycling (NS)	>150 cm ²	Normal
S	<5	<50%	Problem (P)	<150 cm ²	Abnormal

ID	Bangs No.	Birthdate	Breed	Horn	BVD-PI	Vaccine	BCS	Weight	RTS	Pelvic Area	Pelvic Shape	Score	Comments
1325	VMI0569	2/15/13	BB	P	N	Yes	6	600	5	150	Normal	R	

Vaccine	Lot No.	Injection	Amt	Prevention Of:	Initials
DrugXX VL5 HB	5624889765426	IM	SQ 5cc	IBR, BVD type I and II, PI3, BRSV, Vib, Lep., Hardjo bovis	Vet