



Red Angus Association of America

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CERTIFICATE OF REGISTRATION

1 Issued for: RAAA RED COW MOO MOO 007 **A**

100% AR **B**

Category 1A **C**

Breeder: RED ANGUS ASSOCIATION OF AMERICA, Commerce City, CO (000000)

Owners: RED ANGUS ASSOCIATION OF AMERICA, Commerce City, CO (000000) (100.0) **F**

Reg #: 7777777

Sex: Cow

D Prfx/ID: RAAA 007

Birthdate: 02-05-2017

E Color: Red

HPS: Polled **G**

Original Issue: 09/13/2017 **H**

	MYTTY IN FOCUS	3311597 DDF, OSF, NHF, AMF, CAF
	ANDRAS IN FOCUS B152	1366630 MAF, OSF
	ANDRAS PINETA B91	1246834
ANDRAS NEW DIRECTION R240		1506922 DDF, MAF, OSF, NHF, AMF, CAF
SIRE	MORGANS DIRECTION 111 9901	3312256 DDF, NHC, AMF, CAF
	ANDRAS KURUBA B111	1288748 OSF, NHF
	ANDRAS KURUBA B71	1197362 MAF, OSF
L	BIEBER ROMERO 9136	899669 MAF, OSF
	BIEBER ROMERO X354	1395157 MAF, OSF, NHF, AMF, CAF
	BASIN PRIMROSE 8335	1236757 DMF
RHODES X354 ROSE BERRY Z850		1566472
DAM	RED FINE LINE MULBERRY 26P	1151261 DDF, MAF, OSF, AMF
	CROSS BLUE CHIP 917	1302753 OSF
	COP 656 ROSE L004	798601 OSF

Performance as of 04/27/2018 **I**

2 EPD/Acc	Individual	Sire	Dam	3 Individual Performance Data	4 Genetic Details - DNA Test Results
A Herdbldr	114	64	164	A 64	Individual A
B Gridmstr	50	50	50	B Ratio B 95	
C CED/Acc	4 / 21	4 / 85	4 / 30	C W.Adj C 712	Parentage:
D BW/Acc	-2.4 / 35	-2.7 / 93	-1.0 / 30	D W.Ratio D 104	Genetic Defect:
E WW/Acc	63 / 32	63 / 92	59 / 29	E W.Conts E 12	Genomic Data:
F YW/Acc	105 / 21	109 / 91	95 / 29	F Y.Adj F	Sire E
G ADG/Acc	0.26 / 21	0.28 / 91	0.22 / 29	G Y.Ratio G	Parentage: Sire and Dam qualify.
H DMI/Acc	1.08 / 13	1.44 / 51	0.72 / 13	H Y.Conts H 0	Genetic Defect: DDF, MAF, OSF, NHF, AMF, CAF
I Milk/Acc	16 / 21	12 / 85	21 / 30	I REA Adj I	Genomic Data: GGP
J ME/Acc	-2 / 4	-6 / 1	2 / 15	J REA Ratio J	Dam C
K HPG/Acc	15 / 13	12 / 39	17 / 20	K REA Cont K	Parentage:
L CEM/Acc	7 / 20	4 / 84	10 / 29	L BF Adj L	Genetic Defect:
M Stay/Acc	9 / 15	4 / 42	15 / 28	M BF Ratio M	Genomic Data:
N Marb/Acc	0.37 / 14	0.49 / 49	0.24 / 16	N BF Conts N	Dam C
O YG/Acc	0.11 / 13	0.23 / 42	-0.02 / 16	O MB Adj O	Parentage:
P CW/Acc	29 / 20	31 / 60	25 / 24	P MB Ratio P	Genetic Defect:
Q REA/Acc	0.04 / 13	-0.00 / 44	0.08 / 14	Q MB Conts Q	Genomic Data:
R Fat/Acc	0.02 / 15	0.06 / 50	-0.02 / 18		

5 Seller: **A** Sire Mtg In Out

Sale Date: **B** Breeding Service **C**

PRESIDENT

This is to certify that the animal and pedigree presented in this Certificate of Registration have been **D** Issued 04/27/2018 accepted and recorded in the RAAA database. This certificate is issued with full reliance upon the accuracy of the data submitted by the owner in preparation of this Certificate. Any errors or omissions therein are the responsibility of the submitting owner.

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REGISTRATION CERTIFICATE KEY

1. GENERAL CERTIFICATE INFORMATION

- a. Animal's Registered Name
- b. Breed Percent
- c. Registration Category
 - i. Category 1A - 100% Red Angus blood content, no disqualifying features
 - ii. Category 1B - From 87% to 100% Red Angus blood content, no disqualifying features.
 - iii. Category II - Equal to or greater than 87% up to and including 100% Red Angus blood content having one or more disqualifying features characteristics.
 - iv. Category III - Less than 87% Red Angus blood content.
- d. Animal Prefix and ID - Tattooed with the first owners Herd Prefix and animals individual ID
- e. Color - Coat color
- f. Owner - Listed owners as of issue date, Owner account number and % owned.
- g. HPS: Horned, Polled or Scurred
- h. Original Issue - original date of issue
- i. Pedigree information
- j. EPD's and performance information calculated for the animal as of this date.

2. Expected Progeny Differences (EPD's)

- a. HerdBuilder - Index calculated using multiple EPDs to help producers build profitable herds. Given that replacement heifers are retained, significant influence is placed on the obvious maternal EPDs of Stayability, Heifer Pregnancy and Calving Ease. Additionally, with all remaining progeny sold on a quality- based carcass grid, Marbling, Yield Grade and growth EPDs impact the HerdBuilder index.
- b. GridMaster - Index calculated using multiple EPDs to help producers build profitable animals that excel in the feedyards. Marbling, Yield Grade and growth EPDs are the traits of primary importance in the GridMaster Index.
- c. CED - Calving Ease Direct -predicts the probability of calves being born unassisted out of 2-year-old heifers.
- d. BW - predicts the difference, in pounds, for birth weight, and also is used in the calculation of Red Angus' Calving Ease Direct (CED) EPD.
- e. WW - predicts the difference, in pounds, for weaning weight (adjusted to age of dam and a standard 205 days of age). This is an indicator of growth from birth to weaning.
- f. YW - predicts the expected difference, in pounds, for yearling weight (adjusted to a standard 365 days of age). This is an indicator of growth from birth to yearling.
- g. ADG - predicts pounds of daily gain during the post weaning growth period.

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- h. DMI - predicts the average pounds of dry matter intake per day
 - i. MILK - predicts the difference in maternal milk production of individual animal's daughters as expressed by the weaning weight of their calves.
 - j. ME - predicts differences in daughters' maintenance energy requirements and is expressed in Mcal/Month
 - k. HPG - Predicts the probability of heifers conceiving to calve at two years of age.
 - l. CEM - Predicts the probability of a given animal's daughters calving unassisted at two years of age.
 - m. STAY - predicts the probability of a bull's daughters remaining productive until at least six years of age.
 - n. MARB - predicts differences for carcass marbling score as expressed in marbling score units.
 - o. YG - predicts differences in USDA Yield Grade score as is expressed in USDA Yield Grade units.
 - p. CW - predicts differences in hot carcass weight and is expressed in pounds.
 - q. REA - predicts differences of carcass Rib Eye Area between the 12th and 13th rib.
 - r. FAT - predicts differences for carcass fat depth over the 12th rib, as expressed in inches.
3. Performance Data (Individual, Sire & Dam)
- a. Birth Weight - weight of the individual at birth
 - b. Birth Weight Ratio - the birth weight of the individual relative to the birth contemporary group.
 - c. Adjusted Weaning Weight - weaning weight adjusted to 205 days of age and to mature dam age equivalent.
 - d. Weaning Weight Ratio - weaning weight of the individual relative to the weaning contemporary group.
 - e. Weaning Weight Contemporaries - The number of individuals in the weaning contemporary group.
 - f. Adjusted Yearling Weight - yearling weight adjusted to 365 days of age.
 - g. Yearling Weight Ratio - yearling weight of the individual relative to the yearling contemporary group.
 - h. Yearling Weight Contemporaries - The number of individuals in the yearling contemporary group.
 - i. Adjusted REA- Rib Eye Area adjusted to 365 days of age.
 - j. REA Ratio - Rib Eye Area of the individual relative to the weaning contemporary group.
 - k. REA Contemporaries - The number of individuals in the Rib Eye Area contemporary group.
 - l. Adjusted Back Fat - Back Fat adjusted to 365 days of age.

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- m. Back Fat Ratio - Back Fat of the individual relative to the weaning contemporary group.
 - n. Back Fat Contemporaries - The number of individuals in the Back Fat contemporary group.
 - o. Adjusted Marbling - Marbling adjusted to 365 days of age.
 - p. Marbling Ratio - Marbling of the individual relative to the weaning contemporary group.
 - q. Marbling Contemporaries - The number of individuals in the Marbling contemporary group.
4. Genetic Details (Individual, Sire & Dam)
- a. Individual Genetic Details - DNA results on the animal based on results from previously processed DNA submissions.
 - b. Sire Genetic Details - DNA results on the animal's sire based on results from previously processed DNA submissions.
 - c. Dam Genetic Details - DNA results on the animal's dam based on results from previously processed DNA submissions.
5. Transfer Information
- a. Seller - Listed seller of the animal
 - b. Sale Date - Date submitted to the RAAA for transfer
 - c. Breeding Information - Breeding information submitted by seller for females sold as exposed.
 - d. Date Issued to the current owner.