

GENETIC DEFECTS & FACTORS

Genetic defects occur in all breeds of all species. The following is not published to imply the Angus breed has serious problems with them. It doesn't. Nor is it published to imply Angus cattle are susceptible to more defects than are other breeds. They aren't. Rather, the information is published in keeping with the American Angus Association's open policy, a policy intended to provide information to people who raise cattle.

Please note that, in addition to reported carriers of genetic defects or genetic factors, there is also a list of those animals who, through progeny testing (which results in 99% accuracy), have been determined free of the named defects.

As other animals are added to any of these categories, they will be listed in the Angus Journal column "Breeder's Reference."

REPORTED CARRIERS

This is a list of Angus bulls and cows that have been reported to the American Angus Association by their owners as having sired or produced calves with one or more of the six genetic defects or factors being monitored by the Association.

It is not a list of all Angus that are carriers of genetic defects or genetic factors. Only cases that are reported to the Association by the owner or owners of the animal (or are verified by a veterinarian) at the time the defect or factor was discovered are listed.

If a registered Angus bull is known to have sired a calf with one of the six defects or factors, this information is required on the application for artificial insemination (AI) service certificates and is then printed on all certificates issued for that bull.

The defects are divided into two classes, Class I and Class II.

The asterisk (*) before an individual listing indicates the certificate of registration has been cancelled.

Class I Defects

Class I defects include dwarfism, osteopetrosis (marble-bone disease), double muscling and syndactyly (mule foot). These defects are lethal or seriously disabling, or they seriously affect reproductive performance.

Carriers of double-muscling gene

Bulls

- * 3197920 Peace Garden Eileenmere 54
- * 5221252 Pittman of Wye
- * 5672767 Bellemonte M W 1446
- * 7783643 Big Elban D B 107 of Moore
- * 8526639 Marshall Pride O 253
- * 8528463 C R R Super Emulous
- * 8536037 Quartermaster of Bilrite
- * 8677728 Double Four Revolution 9G
- * 9315953 W A R Band 8199 5116 3660
- * 9690095 Broken Arrows Emulous 217
- * 9810437 Black Revolution 32580

Cows

- * 6948965 Black Lady Kay
- * 7848411 C C Jingo Bar Robin 163
- * 9251896 Eldorene of Prairiedge 4

Carriers of dwarfism gene

Bulls

- * 4463758 Garretts Commander E 2394
- * 6347225 Kelly M S R
- * 6968224 Emulous El Para 25
- * 7677766 Black Watch Lodge 252
- * 9034218 Shoshone Titan HDA29
- * 12838783 High Valley 7D7 of 4G9
- * 13630253 High Valley OR47 of 3D22
- * 13862855 RS 0602 of DHD Trav 6807X4G9

Cows

- * 4136902 Princess Jilt of G A F
- * 7731753 MT Springs Blackbird 01

- * 8115050 Mountain Springs Marshall
- * 11912675 High Valley 3D22 of 6V16
- * 13437917 High Valley 9C40 of 3H4
- * 13502707 U W Blackcap B601-9025
- * 13649255 Dimke OC32 of 4D4 4C6Ambush
- * 13649271 Dimke OC30 of 4D4 4C6Ambush

Carriers of osteopetrosis (marble-bone disease)

Bulls

- * 3948706 Ramsey Bardoliermere 21
- * 4256726 Ramsey Bardoliermere 45
- * 4904033 Ankonian Protagoras
- * 6551070 Table Land Ambassador 869
- * 6748975 Black Revolution 290
- * 7130777 Marshall Pride 321
- * 7387321 Malpas of B A R 1334
- * 7431761 Paintrock Raven 15
- * 7539869 Emulous Goldspur 17
- * 8524408 Shoshone Titan FD60
- * 8640610 T Tim 95 of Sioux Hill
- * 9218061 Shoshone Samson V V R 29
- * 9664722 Stonylonesome Power Play
- * 10910778 Traveling Fanny A926

Cows

- * 3197896 Eva Sioux
- * 5360180 Eline A of Sky Ranch
- * 6649713 F B Eileenmere Elia 21
- * 7696464 Galahad Lucy of W S F275
- * 8612933 Emulous Barbara M of B&D
- * 10249122 Green Garden Eulima 2103 C
- * 10839990 Stonylonesome Blackcap 626
- * 10849322 Clar li 33 Pawn
- * 10849325 Clar li 33 Token
- * 10849328 Clar li 33 Unity

Carriers of syndactyly (mule foot)

Bulls

- * 5295903 Marshall Pride 256
- * 7281936 Marshall C 1211
- * 7522015 E B Black Marshall
- * 8113045 Black Marshall 482
- * 8345935 Blackrock Tall Tim
- * 8583618 D D H Marshall C 505
- * 8726675 Cottonwood Eminence
- * 8970617 W A F Stud 749
- * 9472805 Creston Mr America
- * 9668211 W A F Sultan
- * 9933553 W A F Explodent
- * 10085294 Premier 7 11
- * 10990897 Hoff Dallas of S C 251

Cows

- * 7381232 Pride of Chadbourn 248
- * 7381243 Queen Eileen 278
- * 7391990 Tyns Lass 8
- * 7396504 Tyns Lass 9
- * 7514675 C&G Gay Lady 1202
- * 7779995 Premier Blackline 2093E
- * 8192365 Eva Marshall 420
- * 8547226 W H Proud Kathy 5 1
- * 8714168 W A F Sporty Betty 630
- * 8801677 Enchantress G 146 of Elmdale
- * 8806635 Marshall Lass E B 604

- * 8949746 C & G Pride F74
- * 8949758 C&G Bell F76
- * 8985662 Blackbird G 57 of Elmdale
- * 8985680 Pride G 257 of Elmdale
- * 8985711 Elba G 647 of Elmdale
- * 9049242 Marshall Lass E B 742
- * 9082278 C W Black Pride 1007
- * 9318508 Torro Negro Lucy 25K

Class II Defects

Heterochromia irides (white eye) is the only Class II genetic defect now monitored by the American Angus Association. Although affected calves have abnormal skin and eye pigmentation, the disease is not known to affect the reproduction, growth or beef-producing ability of an animal. The animals, however, are extremely light-sensitive, which makes the eye pupils always constricted in daylight, giving the eyes their "slitlike" appearance.

Cows that have produced affected calves are not included in this listing, and affected calves are ineligible for registration by the American Angus Association.

Carriers of heterochromia irides (white eye)

Bulls

- * 7636510 Happyvale Stud
- * 7912733 Corvallis Poundmaker 36 73
- * 8714441 Dakota Poundmaker 776
- * 8718562 Wetonka 2446
- * 8910857 Happyvale Olympic 012H
- * 9185663 Glens Stud 908
- * 9196894 Sir Wms Warrant
- * 9386957 Sir Wms Rocky FF
- * 9615684 R F Blackcap Grandeur 1069
- * 9722404 Double Four Advancer 6L
- * 9734593 7 S High Caliber 037
- * 10999372 J A R Gold Star 227
- * 11395611 Ginger Hill Boss 150

Genetic Factors

Red color is the single genetic factor monitored by the American Angus Association. It is monitored because it is caused by a simple recessive gene and because red calves are not eligible for registration under the rules of the American Angus Association.

Red color has no effect on the reproduction, growth or beef-producing ability of an animal.

Carriers of red color gene

Bulls

- * 2409651 Emulous 7000
- * 4017278 Emulous T N 500
- * 4180193 Burger of Lakewood 19
- * 4429212 Em Mc Henry T 63
- * 4614694 Stone Gate Executive 15
- * 5099457 Certain of Wye
- * 5143898 Mr Eileenmere of Circle H
- * 5708887 Emulous 761
- * 5791522 Emulous 43
- * 5869737 Emulous 55

* 6064067	Emulous F28	9046863	D J Prince 53A	11439560	WK Excess
* 6256535	B&M Emulous 12	9088882	Summitcrest Emulous 177J	11439820	Canadian Extra 046
* 6274681	Biffles Emulous 775	* 9201110	Nelson Hi-power	11478165	R&J Innovator 180
* 6308225	Biffles Emulous 871	9203698	Rubud Elban Bardolier 8067	11508659	Waf Enchanter 083
* 6364176	Emulous D43	9225301	W A F Blackcap Granduer 870	11510497	Af Bold Ruler 057
* 6418144	Cardinal of Wye	9249219	Wagners Select Rito 224 885	* 11596042	S D S Scotty 123A
* 6431623	Emulous A400	* 9253763	Premier High Roller	11660578	J L C Power Drive 340
* 6639770	Ankonian Dynamo	* 9264929	Stewarts Ankonian Highlite	11715102	Sensation 416B of JRS
* 6669229	Shalco Colossal 203	9273740	Schearbrook Commander	11740920	Leachman Watchtower
* 6670778	Biffles Emulous 979	9303600	Double H H Jake 8575	11744157	Nelson Designer
* 6681883	Elban Bardolier 77 Burduc	* 9394187	Pineview Band 234 129	* 11751617	Echo V Frosty Pine DRS Son
* 6726259	Geordus of B A R 686	9405000	W A F Pilgrim	11771798	Pruitts Bando 001
* 6726333	Geordus of B A R 771	* 9417542	Silveiras Main Event	11858740	J O Monarch 233
* 6748947	Eliminator of Wetonka 400	* 9456347	Rally Patriot 5039	11878479	Maplecrest Sledge
* 6765148	Emulous 260	9465759	Haffner Excitement Sunrise	11911769	W C C Arapahoe C6
* 6918147	Sun Up Emulous 4 46	9467046	Continental	* 11921742	U T Mr 53
* 6971895	Sequoia Emulous K 860	9485474	Nelson Freestyle	12361542	E A F 6807 Traveler 4B48
* 7055630	Biffles Emulous 016	9486886	V P I Lord Patriot 9025	12438890	Leachman For Real 3276E
* 7096610	Biffles Emulous 044	9583623	D D Black Stud 929	12457467	Ankonian Emulation 01R0
* 7133508	Juanada 41 of P J M	* 9584995	Sayre Jubilee	12792721	Twin Valley W A Enforcer 01
* 7139222	Marshall Pride 881	9604595	QLC Mr Angus H942L	12792722	W A Eagle 02
* 7163813	Biffles Emulous 007	9630765	Skarship Gieger 940	12805241	Spring Cove Exchange 509A
* 7173284	Jumboizer 183	* 9671598	J R S Warrants Reward 22M	12805265	Spring Cove Dedication 7426
* 7213803	PBC Futuro 1M C 0051	9700501	Sequoia Patriot 9301	12833675	D D R Extra Western 6036
* 7226592	Charge of Wye	* 9810760	Meadow Mist Myogram 088	12850389	Hi Flyer of Moore 97
* 7238066	Biffles Emulous 051	9829666	Viking High Country	12974910	Leachman Trav 044 3033G
* 7252535	Corbin Ranch Emulous 1014	9897585	Black Jack 21	13057276	Bonanza 8808 C A R G18
* 7296691	Black Power T 10	9906195	Rally Ivy League 171	13107099	Spring Cove Hi Road 509B
* 7372751	Holts Emulous Pride 70	9932844	Basin Black Hawk	13110479	Spring Cove Stockman 961A
* 7379593	Biffles Emulous 165	* 9948395	Leachman Voyager	13110482	Spring Cove Stockman 961E
* 7419924	Ropers Emulous 97	9994985	Hillhouse General Eisenhower	13110483	Spring Cove Stockman 961F
* 7457090	Sayre Dynamo 16D	10019688	Garney Leonard 888N	13231406	Twin Valley Regal 3938
* 7473692	Windac Pacesetter	* 10080493	Monogram Emulous Council	13276088	W A Big Boy 01 853
* 7480304	Marshall Duke	* 10096701	Hughes Farms Prideline	* 13460678	Twin Valley Enforcer 9251 G
* 7530256	Cummins Emulous 82	* 10143582	T H Daddy Warbucks	13553338	F A Exchange 010
* 7631951	El Capitan Pathfinder	* 10159072	R&J Dallas 752	13553340	F A Exchange 012
* 7721502	Emulous Bar H 528	* 10215075	High Profit F A R	13553343	F A Exchange 016
* 7753801	Claybrook Northern Colossal	10257782	Centurion of Arlee 62	13553344	F H Exchange 017
* 7760235	Summitcrest Dynamo S 3	* 10312997	Stewarts Spartacus	13558161	Basin Max 2840
* 7799820	Ankonian Dynamo 27043	* 10326296	Oak Ridge Siegfried	13561587	Twin Valley W A Enforcer 952
* 7847029	Biffles Emulous 231	* 10342440	Gallaghers Yankee	13561593	Twin Valley W A Enforcer 958
* 7874294	Tail N Emulous 1025	* 10344555	Leachman Full Image	13579847	Garrison Mr Force 416D 9227
* 7891394	Sayre Dynamo 651E	* 10356646	Nelson Gold Dust	* 13607970	Mc Cumber 896 Ferdinand 041
* 7948502	PBC 0038 1M E1973	10358657	Evolution HK 0453	* 13607974	Mc Cumber 701 Foundation 046
* 7950437	Larkspur Lance	* 10518735	S C R Lone Star 411	13622366	W C C Checkmate J28
* 8057484	Ankonian Dynamo 164	* 10520291	4G High Time	13764497	R G Ambush 1610
* 8074547	Yatton Advancer	10527910	U T Patriot 6082	14110228	Burly Black
* 8102578	Early Sunset Image 7E	10609709	Twin Oaks	14386234	Holiday Paradox 3128
* 8191995	Happyvale Eston Bar 69E	10633854	Burthlene Cannoneer 21R	Cows	
8242824	Hubers Emulous 043	* 10634102	R&J Precision 2404	* 10127421	Mignonne S
* 8338061	Premier Jackpot	* 10648572	Nelson Bold Ruler	* 10409124	Spring Cove Gwen 369
8402255	Sayre Dynamo 410G	* 10681804	Basin Rainmaker 2135	* 10713157	Premier Blackcap 6276A
8415088	Black Power T 50	* 10692753	Silveiras X-tra Special	* 10811488	Day Queen K C 46
* 8425957	Grand Oaks Goldspur 101	* 10700173	Gibsons Private Reserve	10811493	Day Queen K C 85
* 8465813	Dakota Poundmaker 375	* 10747309	Powerline Kayo	11307501	S V F Forever Lady 992
* 8494875	Ankonian Dynamo 72065	* 10793939	Pinehills Levi	* 11541315	Springcove MS RR Traveler142
* 8506280	Bowstead Sir Dynamo	10848959	Hoff Esso S C 433	* 11601956	Blackbird of Plattemere 264
* 8507691	Hales Emulous 111	* 10852649	Bear Creek Power Drive 6106	11725243	Windy Firs Rachel Mac Kenzie
* 8520054	Ankonian Dynamo K Plus	10938381	Givens Dividend 7086	11911768	W C C Blackcap C9
* 8546149	Blackcap Grandeur O 15	* 10944315	Brost Dan Patch	11920308	Ankony Dina Mabel T628
* 8568845	Big Elban of Rubud 5012	10990897	Hoff Dallas of S C 251	11924020	Spring Cove Prairie Star 361
* 8616595	Dynamo W26	10990965	Hoff Dallas FT Worth S C 456	11928155	E A F Blackcap Bessie 752
* 8637411	Early Sunset Emulous 4C	10990967	Hoff Super Star S C 464	11954629	Basin Heather Bloom 48C
* 8715715	Chief Blackhawk Young Y57	11005066	S A F Napoleon	* 12017314	Blackbird of Plattemere 278
* 8726705	Garney Emulous Extender	* 11089097	Silveiras Presley	12017377	Blackbird of Plattemere 279
* 8743117	Holts Geronimo 6214	11105718	Century Starburst 48	12097341	Ankony Blackbird V032
8750917	Tail N Emulous 1720	11106569	Hillhouse Ponderosa 7023	12102821	Ankony Blackcap V583
8753016	Rito 707 Select 6060	11124389	Summitcrest Sasquatch 043X	* 12407731	Spring Cove Georgia Se 509
8781463	PBC F0203 1M J0006	11138804	Hoff Spade S C 3119	* 12409785	W C C Erica E62
* 8785234	Wayrich Beaumont	11138902	Hoff Dominator S C 978	12446220	Windy Firs Miss Dallas 55
* 8819201	Summitcrest Emulous 0H62	11178419	R&J Will Rogers 1328	12525933	Sunny S A L E18
8827142	2 B Charge 6104	11249521	Nelson Donovan	12588692	Spring Cove Hope 6807 610
* 8861925	Ankonian Dealer	11249535	Nelson Mac Kenzie 9126	* 12592023	Engelberg Erina 5B56
8889710	R F H Eileenmere Colossal	11267660	C F Alternative	12613296	W C C Blackcap F1
* 8973088	Winton of Mel Mar W1	* 11302804	G F S B Excel	12738266	W C C Blackcap F162
* 9000000	Sayre Patriot	11400944	Grubbs Callahan	12750556	Bonnie of Grayling 103
9016600	B L Emulous Master 263	11401078	Lost Lake Home Run	12758214	Ankony Pride 036R
9026224	Summitcrest Poundmaker	* 11423772	Cedarcrest	* 12805214	Spring Cove Star 729
* 9040809	Stewarts New Look	* 11433378	Gardens Sensation 039 S1		

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GENETIC DEFECTS & FACTORS CONTINUED

12805233 Spring Cove Er Kindness 760
 13005283 Windy Firs Blackbird 28
 13076845 Spring Cove Hi Alice 838
 13080295 Spring Cove Kindness Ext 852
 13080296 Spring Cove Kindness Ext 857
 13088945 Spring Cove Pretty 365 841
 13088947 Spring Cove Pretty 365 856
 13214586 Twin Valley Blackcap 1218
 * 13231403 Twin Valley Blackcap 3848
 13231407 Twin Valley Blackcap 3948
 13231408 Twin Valley Blackcap 3958
 13248972 Garrison 8199 MS Pride N4
 13276093 W A Elmaretta 801
 * 13276095 W A Ballinda 804
 13276097 W A Merle 01 806
 * 13276098 W A Peggy 01 807
 13276102 W A Priddy 02 814
 * 13276103 W A Sue 02 815
 13402521 W C C Blackcap I621
 13561594 W A Miss Executive 909
 13608009 Blackcap 098 of Mc Cumber
 14114144 A J Sky's the Limit
 14378533 Ardrossan Wilcoola Q17
 14404668 A J Lovana Stockman Tecumseh
 14404686 A J Transformer Tecumseh
 14404691 A J Max Traveler Tecumseh
 14404695 A J Ericas Righitime Tecumseh
 14404696 A J Big Sky Tecumseh

Carriers of wild-type color gene

Similar to carriers of the red gene, animals that carry this allele can produce red progeny. This genotype can only be identified through DNA coat-color testing.

Bulls

12883650 WK Dateline 7270

REPORTED FREE

Following is a list of bulls and cows that have been progeny-tested under the guidelines of the American Angus Association and found to be free of the following genetic defects or genetic factors.

The asterisk (*) before an individual number indicates the animal is dead or is no longer being used in a registered herd.

The following abbreviations appear on pedigrees of animals progeny-tested under the Association guidelines.

GDF—Tested free of all defects

FS—Tested free of syndactyly

FH—Tested free of double muscling

FHG—Tested free of horn gene

FD—Tested free of dwarfism

FM—Tested free of marble-bone disease

FR—Tested free of red

RFD—Carrier of red gene but tested free of dwarfism

RFS—Carrier of red gene but tested free of syndactyly

FX—Tested free of multiple defects (contact Association)

Reported Free

Tested free of all genetic defects and genetic factors monitored by the Association

Bulls

* 3523842 Fendell of Wye
 * 4020202 Lodge of Wye
 * 5475692 Camilla Chance 37 T
 * 6418059 Chenault of Wye
 * 7087561 Emulous Arrowhead 194
 * 8043824 Southolm Hercules 40D
 8536031 Proudman of Bilrite
 * 8805991 Shoshone Viking GD60
 * 8974207 P S Power Play

* 9034175 Shoshone Shannon HC3
 * 9819973 Lovana
 11899164 Ginger Hill 6807 Traveler 23

Tested free of syndactyly

Bulls

* 8113041 Black Marshall 476
 * 8916613 Biffles Marshall 632
 9397601 Ellanin Affirmed 1K
 10077500 W A F Exceller
 10152265 Creston Mr Universe
 11957023 S A Executive

Cows

8714179 W A F Lassie
 * 9015915 Bandomere 22 of C W
 * 9484180 C F Dressy Queen 3359
 * 9497749 W A F Zaramere 905
 9612794 Pride Eston M 673

Tested free of dwarfism

Bulls

* 3422114 Ankonian L 244
 * 3589521 Atlas Marshall
 * 3651067 Mc Burgess Heckettier 99
 * 4211671 Longleaf Elegance 36
 * 4285114 Emulous Pride 70
 * 4742606 Ankonian Projector
 * 4771252 Ankonian Futura
 * 4917253 Ankonian Gay Jingo
 * 5964896 Bandoliermere G V 13S
 * 6064368 Emulation 31
 * 6370754 Ankonian Bandoliermere 11769
 * 6563183 Double Torch
 * 6572819 Reichs Ankonian 8 A
 * 6639770 Ankonian Dynamo
 * 7087515 Ankonian Catalyst
 * 7372751 Holts Emulous Pride 70
 * 7518921 Nelsons Dynamo Cornerstone
 * 7540371 Nelsons Dynamo Big Wheel
 * 7935027 Schearbrook Cherokee
 * 8657114 Happyvale Marshall PRIDE013G
 * 9000000 Sayre Patriot

Tested free of red color

Bulls

* 3422114 Ankonian L 244
 * 3589521 Atlas Marshall
 * 3651067 Mc Burgess Heckettier 99
 * 4211671 Longleaf Elegance 36
 * 4285114 Emulous Pride 70
 * 4742606 Ankonian Projector
 * 4771252 Ankonian Futura
 * 4917253 Ankonian Gay Jingo
 * 5964896 Bandoliermere G V 13S
 * 6064368 Emulation 31
 * 6370754 Ankonian Bandoliermere 11769
 * 6563183 Double Torch
 * 6572819 Reichs Ankonian 8 A
 * 7087515 Ankonian Catalyst
 * 7518921 Nelsons Dynamo Cornerstone
 * 7540371 Nelsons Dynamo Big Wheel
 * 7935027 Schearbrook Cherokee
 * 8657114 Happyvale Marshall PRIDE013G
 * 9552488 Marands Receipt
 9591326 R&J Justice 1359
 10698677 Hoff Challenger S C 862
 11536953 TPC Ivy League 98 137C
 11621009 M D G Chairman 1041
 12179553 Melmar Shaft S28
 12234092 Nichols Performa D162
 * 12243124 Sa Stockman 426
 12251138 Polo Peak Sensation 6554
 12307300 Krugerrand Merger 34
 12333453 Basin Ambush 3905
 12346200 Twin Valley Precision E161
 12353254 Bon View Precision 95
 * 12357489 Stevenson Sensation 484E

12408691 S S Durabull 55E
 12448518 F A F Plainsman 509
 12589785 Tybar Finks 5522 S55
 12638791 Hoff First Class S C 493
 12760751 Twin Valley Ext 1516
 12805449 Spring Cove Courage 871Z
 12811539 N Bar Emulation Ext Ty
 12827068 Nelson Newgen
 12901820 WK Battle Cry 7037
 13035851 S A F Ext 317
 13078624 Davis Rito 12
 13084739 Tybar Eurloch P68 U119
 13086054 Tybar Finks 5522 U41
 13088943 Spring Cove Beef Producer
 13103826 S S Krugerrand 35H
 13110480 Spring Cove Stockman 961C
 13110481 Spring Cove Stockman 961D
 13110484 Spring Cove Stockman 961G
 13113652 Spring Cove Design 426A
 13116543 W C C Checkers H339
 13168820 Schurr 77 1346 Excel
 13216189 W A Force 01 851
 * 13231405 Twin Valley Explorer 3918
 * 13250270 Twin Valley Checkmate 3898
 13553342 F H Exchange 014
 13574830 Garrison Mr Queen Force 9152
 * 13607953 Mc Cumber 420 Rito 08
 * 13699314 TC Alliance 0200
 14483558 R&L Silveridge New Design
 14679352 Circle 036 N170
 * 14697439 MF Pinnacle 107N
 14741402 Circle 878 N164
 14744442 Circle 878 N152
 14822683 R&L Silveridge Design 412
 14826480 R&L Silveridge Design 424
 14880353 Hoff EXTra 2409 24
 14880354 Hoff Banner 2409 34
 14958634 NER Emulation EXT 4153

Cows

10348731 B&L Miss Emma Stewarts 304R
 10851562 LBK Fancy Beauty 6K26
 10990948 Hoff Lady Challenger S C 917
 11311882 P A F Miss Esso 9124
 * 11311927 Spring Cove Esso 959
 11424116 Rulers Lucky Erica
 * 11481000 LBK Miss Queedy 44K0
 11601942 Mary Ann of Plattemere 105
 * 11601944 Erica Lady of Plattemere 86
 * 11647724 LBK Pretty Marcia 25K1
 * 11647727 LBK Miss Queedy 02K1
 11728280 Forsythe Amber 1085
 11749981 B F Miss Black Traveler 1622
 * 11821544 Spring Cove Silver 244
 11821552 Spring Cove Sass Queen 243
 11829245 LBK MS Tall Blackbird 06K2
 * 11829252 LBK Miss Queedy Lady 68K2
 11872589 Oscars New Trend Lady
 11918382 Ankony Blackbird T438
 11924024 Spring Cove Lillian 382
 11936863 Ankony Princess T833
 11949271 W C C Blackcap C46
 * 12017277 Plattemere Queenie 376
 * 12017281 Dolly of Plattemere 181
 * 12017304 Martha of Plattemere 243
 12025173 LBK Queeny Lady 34K3
 12025182 LBK Miss Beauty 46K3
 12025190 LBK Miss Blackcap 63K3
 12122897 Ankony Blackbird 0V38
 12131986 Basin Joyce 2804
 12154742 W C C Blackcap D5
 12231417 Lake View Blackcap 402
 12243719 Hickory Hill Caroline
 12250185 LBK Miss Blackcap 24K4
 12251946 LBK MS Queedy 09K4
 12251950 LBK Eline Lady 62K4
 12251951 LBK Miss Blackbird 32K4

12286108	Ankony Eblinette R671	12541568	Windy Firs Algoma 46	13133383	North Fork Independence 8093
12289859	Ankony Gaines Lady OR95	12558699	Spring Cove Violet Marie 622	13214584	Twin Valley Blackcap 1188
12306847	Ankony Miss Emulous R702	12582519	Windy Firs Rustle 136	13216193	W A Blackcap C9 811
12308517	Ankony Blackbird OR54	12588702	Spring Cove Faith 6807 629	13231402	Twin Valley Blackcap 3788
12310984	SVF Cascade Shoestring Lass	12613297	W C C Blackcap F2	* 13231404	Twin Valley Blackcap 3878
12346475	Gale 5127 of Mc Cumber	12667900	Ankony Gaines Lady 1N08	13608007	Blackcap 095 of Mc Cumber
12346992	Ankony Miss Emulous OR70	12680309	LBK Miss Blackbird 05K6	14119836	Thomas Swan 2706
12349506	Ankony Tail N Emulous 1R00	12717117	Ankony Miss Emulous 16N1	14404672	A J Tecumseh's Queen
12349507	Ankony Tail N Emulous OR96	12782868	Twin Valley Blackcap 4616	14404684	A J Tecumseh's New Trend
12379849	W C C Blackcap E9	12805211	Spring Cove Sleepy Lady 723	14404688	A J Husker Tecumseh
12380003	W C C Blackcap E1	12805213	Spring Cove Eleanor Ext 728	14428482	A J Tecumseh's Princess
12387313	Ankony Tail N Emulous OR97	12805221	Spring Cove Alta 741		
12457507	Ankony Ann 081R	* 12805234	Spring Cove Star CB 761	Tested free of horn gene	
12457560	Ankony Miss Mona 161R	* 12830808	Lady of Grayling 2745	Bulls	
12470330	Ankony Blackbird 260R	12895743	Alpha Miss Eisa 701	9591326	R&J Justice 1359
12502056	LBK Queedys MS March 25K5	12926598	LBK Tall Blackbird K037	Tested free of heterochromia irides	
12519233	LBK Eline Lady 43K5	12985021	Twin Valley Blackcap 108	Bulls	
12520793	LBK Wonder Woman 30K5	13006644	Windy Firs Miss Dateline 08	* 9999753	Big Deal
12520796	LBK Classy Queedy 26K5	13076836	Spring Cove Famous Star 809		

ASSOCIATION EDUCATIONAL & PROMOTIONAL MATERIALS

Note: All American Angus Association educational and promotional materials are available at no charge unless otherwise noted. Various Certified Angus Beef LLC (CAB) literature is also available upon request.

EDUCATIONAL LITERATURE

Angus History Sheet

A one-page history of the Angus breed in the United States. Includes when the breed was first brought from Scotland, history of early importers and breeders, and the start of the American Angus Association.

The Road to Success

A pamphlet describing the programs offered to youth through the National Junior Angus Association (NJAA). Includes an application form for junior membership. (Revised 2001)

Forming a Future

This comprehensive piece is ideal for junior members preparing to show their first Angus projects, as well as older new members. It describes selection, feeding, production, fitting, showing and judging. It also discusses setting project goals and summarizes opportunities available through the NJAA.

Angus Advantages

Explains how Angus cattle can work in cattlemen's herds to improve demand, boost profits and take some of the work out of cattle production. It discusses Angus genetic merit, performance programs and marketing advantages, as well as using Angus in crossbreeding and straightbreeding programs. The booklet also discusses CAB and Beef Improvement Records (BIR). (Revised 2005; older version available in Spanish)

Beef Improvement Records

Complete explanation of the Angus Herd Improvement Records (AHIR) program and the Beef Record Service (BRS) and why it is important to enroll in these programs. Explains expected progeny differences (EPDs) and \$Value indexes in simplified terms. (Revised 2005)

Bull-Buying Strategies to Improve Your Herd

Explains how to evaluate a herd of commercial cows and how to set herd goals, then select registered Angus bulls that will improve the herd and contribute to a more successful and more profitable cow-calf operation. (Revised 2005)

AngusSourceSM

Highlights and describes one of the Association's newest programs. AngusSource is a listing service designed to help producers track their Angus cattle in the commercial industry.

Bull Listing Service

This pamphlet includes a form for breeders to list their Angus bulls for sale on the Angus Web site at www.angus.org/bls/bls_info.html.

Angus Information Management Software (AIMS)

This brochure highlights the software that was produced by the American Angus Association to simplify recordkeeping.

Angus Beef Chart

A poster of an Angus steer marked with wholesale and retail cuts of meat. Available sizes: 25" x 30" and 16" x 11".

AUDIOVISUALS

Audiovisual productions are available free of charge for scheduled showings and are available for purchase at the listed price. Please order at least four weeks in advance. Available in VHS and DVD.

You Be the Judge — Angus Cattle Evaluation for Beginners

This 60-minute instructional video covers the basics of Angus cattle judging. Scott Schaaque, judging team coach at Kansas State University, provides the on-camera instruction. He discusses what to look for when evaluating cattle and tips for taking notes and giving oral reasons. Two collegiate judges give sample oral reasons on the tape, and viewers can practice what they've learned on two practice classes, one Angus heifer class and one market steer class. Official placings and reasons are also included. Cost, \$15.

ARTWORK

Ready-to-Print Artwork

Professionally designed artwork ideal for use in ads, sale and show books, show bills or stationery. Line drawings include bull, bull heads, heifer, heifer heads, cow-calf pair,

steers in feedlot and many more. Downloadable files of all artwork are also available at www.angus.org.

PROMOTIONAL ITEMS

Black-and-White Posters — set of three posters featuring cow with calf or steer at 22¹/₂" x 34"; or bull at 34" x 22¹/₂".

Big "Angus" Poster — poster featuring large bull head and the word Angus, 36" x 45".

Over-the-Wire Posters — eye-catching red-and-white poster with a bull on one side and a cow and calf on the other. Ideal for decorating show stalls or sale rings.

Framing Prints — nine high-quality reproductions of Frank Murphy paintings, suitable for framing. Includes:

1. Angus bull, 24" x 20"
2. cow and calf, 24" x 20"
3. calf with butterfly, 24" x 20"
4. steers, 24" x 20"
5. bull head, 18" x 24"
6. heifer head, 18" x 24"
7. first Angus (Angus bull with Longhorn cows), 32¹/₂" x 22"
8. Chicago International show scene, 20" x 24"
9. "Angus in the High Country," 23" x 19"
10. 1983 Centennial poster

[Prints are available for \$5 each or a complete set of prints 1 thru 8 for \$25. Prints 9 and 10 can be purchased separately for \$5 each. (Bull, cow with calf, and calf with prairie dog also available in 11" x 14".)]

Truck Door Decal — long-lasting decal with bull head and "American Angus Association" and "There's more profit with Angus," 11" x 12", \$1.50 each.

Windshield Membership Decal — 4" diameter, 75¢ each, three for \$2.

AHIR Decal — black and red on white AHIR decal, 8¹/₂" x 6", \$1.50 each.

Bumper Stickers — "Angus — The Business Breed," 11¹/₂" x 3", 50¢ each.

Angus Flags — red, white and black with a bull head, 5' x 3', \$25 each.

Clock — "Angus — The Business Breed" clock with cow and calf, 10¹/₂", \$12.

Stall Cards — red-and-white card with "Angus — The Business Breed," 35¢ each.