

WINTER 2012 CHAROLAIS NATIONAL CATTLE EVALUATION

American-International Charolais Association

PHENOTYPIC TREND - BIRTH AND GROWTH

(Includes all animals in the AICA Performance Database used in computation of EPD)

YEAR	MALES				FEMALES			
	BWT	WWT	GAIN	YWT	BWT	WWT	GAIN	YWT
1990	92	634	494	1131	88	580	287	871
1991	92	634	491	1124	88	580	298	876
1992	92	645	486	1134	88	591	292	882
1993	92	643	495	1151	87	592	288	882
1994	91	637	493	1135	87	584	290	875
1995	91	635	481	1128	87	583	287	871
1996	90	626	484	1114	86	574	282	861
1997	90	634	495	1141	86	579	293	884
1998	90	635	498	1143	85	582	300	888
1999	89	648	519	1175	85	592	310	906
2000	89	657	500	1166	85	598	304	913
2001	89	652	499	1159	85	596	298	902
2002	89	654	507	1171	85	594	312	914
2003	89	653	503	1172	85	596	308	912
2004	89	669	511	1193	84	603	291	906
2005	89	665	513	1195	85	600	314	923
2006	89	674	499	1185	84	607	307	913
2007	89	665	503	1182	84	595	300	898
2008	89	665	503	1191	84	601	280	886
2009	88	669	496	1182	84	603	282	892
2010	88	671	498	1195	84	601	283	882
2011	89	673			84	605		

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Phenotypic Distribution for Carcasses (Male) in the Charolais Database. Adjusted to 480 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Hot Carcass Weight (HCW)	6,875	803	96.99	410	1135
Ribeye Area (REA)	7,055	14.06	1.58	9.10	20.10
Fat Thickness (FAT)	7,022	0.40	0.17	0.01	2.22
Marbling (MARB)	7,008	4.95	0.94	1.10	10.00

Phenotypic Distribution for Carcasses (Female) in the Charolais Database. Adjusted to 480 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Hot Carcass Weight (HCW)	2,967	803	78.54	466	1072
Ribeye Area (REA)	2,968	14.99	1.79	9.50	21.70
Fat Thickness (FAT)	2,761	0.37	0.17	0.05	3.53
Marbling (MARB)	2,743	4.49	1.02	2.12	9.55

Phenotypic Distribution for Ultrasound (Bulls) in the Charolais Database. Adjusted to 360 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Scan Weight	34,777	1143	134	405	1653
Ribeye Area	35,295	13.61	1.85	5.70	20.90
Rib Fat Thickness	32,614	0.17	0.06	0.04	0.60
Rump Fat Thickness	28,137	0.19	0.06	0.02	0.50
% IMF	34,057	2.75	0.64	0.65	6.04

Phenotypic Distribution for Ultrasound (Heifers) in the Charolais Database. Adjusted to 360 Days.

Trait	No. of Records	Avg	Std. Dev	Min	Max
Scan Weight	8,798	851	108	424	1438
Ribeye Area	8,787	10.32	1.58	5.80	17.00
Rib Fat Thickness	7,916	0.16	0.06	0.03	0.47
Rump Fat Thickness	6,901	0.21	0.08	0.03	0.58
% IMF	8,560	3.30	0.78	0.95	6.73