

**AMERICAN-INTERNATIONAL CHAROLAIS ASSOCIATION  
NATIONAL CATTLE EVALUATION  
GENETIC TREND**

Updated July 2023

YEAR	BW	WW	YW	MILK	SC	CE	MCE	MTL	UDDER	TEAT	CW	REA	FAT	MARB	TSI
1990	0.3	29.2	56.8	10.5	0.0	3.5	5.4	25.1	1.01	0.99	4.3	0.43	-0.002	0.09	203.37
1991	0.3	30.5	58.7	10.9	0.1	3.8	5.7	26.1	1.01	0.99	5.1	0.44	-0.003	0.09	205.06
1992	0.3	31.5	60.1	11.2	0.1	4.0	5.9	27.0	1.01	0.99	5.6	0.44	-0.003	0.10	206.22
1993	0.4	32.5	61.6	11.6	0.1	4.1	6.2	27.8	1.01	1.00	6.0	0.45	-0.003	0.09	207.48
1994	0.3	33.5	63.2	12.0	0.1	4.5	6.6	28.8	1.01	1.00	6.5	0.45	-0.003	0.09	208.95
1995	0.3	34.6	64.7	12.6	0.2	4.7	6.6	29.9	1.01	1.00	7.1	0.46	-0.003	0.10	210.40
1996	0.3	35.9	66.5	13.2	0.2	5.1	6.9	31.2	1.02	1.00	7.6	0.47	-0.003	0.09	212.06
1997	0.2	37.0	68.1	13.8	0.2	5.4	7.2	32.3	1.01	1.00	8.2	0.48	-0.003	0.09	213.33
1998	0.2	37.9	69.5	14.0	0.2	5.8	7.4	32.9	1.00	1.00	8.7	0.49	-0.003	0.09	214.76
1999	0.1	39.0	71.2	14.7	0.3	6.2	7.5	34.2	0.99	0.99	9.1	0.49	-0.002	0.09	216.08
2000	0.1	40.3	73.2	15.1	0.3	6.8	7.9	35.3	1.00	1.00	9.7	0.50	-0.001	0.09	217.67
2001	0.1	41.7	75.4	15.6	0.3	6.9	7.9	36.4	0.99	0.99	10.6	0.51	-0.001	0.08	219.48
2002	0.1	43.3	77.8	16.0	0.4	7.3	8.0	37.7	0.99	0.99	11.4	0.51	-0.001	0.08	221.56
2003	0.0	44.3	79.4	16.3	0.4	7.6	8.1	38.5	0.99	0.99	11.8	0.52	0.000	0.08	222.76
2004	-0.1	45.3	81.1	16.6	0.5	7.9	8.2	39.2	0.99	0.99	12.3	0.52	0.000	0.08	224.26
2005	-0.1	46.2	82.6	17.0	0.5	8.1	8.3	40.1	0.99	0.99	12.7	0.53	0.000	0.08	225.80
2006	-0.2	47.1	84.2	17.5	0.5	8.3	8.4	41.1	1.00	1.00	13.2	0.54	0.000	0.08	227.22
2007	-0.2	48.0	85.6	18.0	0.5	8.6	8.5	41.9	1.01	1.01	13.6	0.55	0.001	0.08	228.42
2008	-0.3	48.9	87.2	18.4	0.6	8.8	8.6	42.9	1.01	1.01	14.2	0.56	0.001	0.08	230.09
2009	-0.3	49.7	88.4	18.7	0.6	9.0	8.7	43.6	1.02	1.02	14.6	0.57	0.002	0.09	231.42
2010	-0.4	50.4	89.9	19.1	0.6	9.2	8.7	44.3	1.02	1.02	15.2	0.58	0.002	0.09	232.70
2011	-0.4	51.3	91.2	19.6	0.6	9.3	8.7	45.2	1.03	1.02	15.6	0.58	0.002	0.09	234.32
2012	-0.5	51.7	92.3	19.9	0.7	9.4	8.7	45.8	1.04	1.03	16.1	0.59	0.003	0.09	235.55
2013	-0.5	52.5	93.8	20.2	0.7	9.5	8.7	46.5	1.04	1.03	16.7	0.60	0.004	0.10	237.26
2014	-0.6	53.4	95.3	20.6	0.8	9.7	8.7	47.3	1.06	1.04	17.3	0.62	0.005	0.10	238.88
2015	-0.7	54.0	96.5	20.9	0.8	9.8	8.8	47.9	1.06	1.03	17.6	0.63	0.006	0.10	239.85
2016	-0.7	55.1	98.4	21.3	0.8	10.0	8.8	48.8	1.08	1.05	18.6	0.64	0.008	0.11	241.85
2017	-0.8	55.9	99.8	21.7	0.9	10.2	8.8	49.7	1.09	1.06	19.4	0.65	0.009	0.11	243.51
2018	-0.9	57.0	101.9	22.3	0.9	10.3	8.6	50.8	1.10	1.06	20.0	0.66	0.009	0.11	245.38
2019	-1.0	58.0	103.9	22.7	0.9	10.4	8.6	51.7	1.11	1.07	20.8	0.67	0.010	0.11	247.59
2020	-1.1	58.8	105.6	23.1	1.0	10.6	8.7	52.5	1.11	1.07	21.7	0.68	0.011	0.12	249.45
2021	-1.1	60.1	108.0	23.6	1.0	10.7	8.9	53.6	1.12	1.08	22.9	0.70	0.011	0.12	251.59
2022	-1.2	60.7	109.6	23.9	1.0	10.9	8.9	54.3	1.11	1.08	23.8	0.70	0.012	0.12	253.06
2023	-1.5	63.7	114.4	25.8	1.0	11.3	8.7	57.7	1.13	1.07	30.3	0.80	0.025	0.16	263.43