

Old and new Growth & Meat eBVs and indexes for some **Dual Purpose** rams (all have progeny)

ID	WWT	WWTM	CW	EWT	FAT	FATY	LEAN	SHLY	LPLY	HQLY	Old DPG	Old DPG-A	Old DPA	Old DPM	Old DP G+A+M	new DP A+G	New DPG	new DPA	New DPM	new DP G+A+M	Change for Growth traits	Change for Lamb Growth	Change for Adult Size	Change for Meat	Net change	
A	2.27	2.54	2.58	8.57	1.81	0.707	1.77	0.065	0.053	0.083	254	871	-617	187	441	460	1077	-617	78	539	206	206	0	-109	97	
B	0.99	2.91	2.74	2.70	2.08	0.773	2.50	0.177	0.159	0.221	586	781	-194	352	938	806	1000	-194	220	1026	219	219	0	-132	87	
C	2.58	1.30	2.20	6.29	1.56	0.601	1.75	0.110	0.098	0.139	281	733	-453	227	508	457	909	-453	137	593	176	176	0	-90	86	
D	2.34	1.58	2.66	8.57	1.87	0.791	1.92	0.076	0.062	0.096	180	797	-617	220	400	393	1010	-617	91	484	213	213	0	-129	84	
E	4.09	1.30	2.73	5.12	1.64	0.520	1.43	-0.020	-0.030	-0.023	614	983	-369	119	733	833	1201	-369	-31	801	218	218	0	-150	68	
F	4.02	0.20	3.07	3.05	2.20	0.594	2.58	0.119	0.100	0.150	696	916	-220	353	1049	942	1161	-220	144	1086	246	246	0	-209	37	
G	2.24	-0.44	2.01	5.10	1.53	0.512	1.83	0.104	0.091	0.131	131	499	-367	256	388	292	659	-367	128	421	161	161	0	-128	-128	
H	6.24	-1.18	3.57	12.33	2.02	0.267	2.63	0.018	-0.001	0.026	221	1109	-888	401	622	507	1395	-888	13	520	286	286	0	-387	-102	
I	6.36	1.60	3.34	9.55	1.77	0.108	2.89	0.117	0.097	0.149	673	1361	-688	523	1196	940	1628	-688	142	1082	267	267	0	-381	-114	
J	8.23	-0.03	4.24	13.45	2.26	0.227	2.69	-0.055	-0.074	-0.064	577	1545	-968	375	952	916	1885	-968	-81	835	339	339	0	-456	-117	
K	4.61	0.97	1.93	5.09	0.19	-0.350	0.29	-0.173	-0.175	-0.212	533	899	-366	50	583	687	1053	-366	-225	462	154	154	0	-276	-121	
L	1.52	1.16	1.48	3.84	0.07	-0.529	1.48	0.142	0.132	0.178	220	496	-276	421	640	338	614	-276	180	518	118	118	0	-241	-123	
M	0.03	0.18	-1.90	-13.95	-2.06	-1.346	-1.57	-0.098	-0.087	-0.122	759	-245	1004	-83	676	607	-397	1004	-121	486	-152	-152	0	-38	-38	
N	1.52	0.85	1.76	5.61	0.01	-0.840	2.65	0.302	0.283	0.377	101	505	-404	775	876	242	646	-404	383	625	141	141	0	-392	-251	
O	3.38	2.13	2.21	6.74	0.22	-0.844	2.49	0.196	0.179	0.246	423	908	-485	689	1112	600	1085	-485	246	846	177	177	0	-443	-266	
P	4.69	2.34	2.45	5.78	-0.13	-1.180	1.63	0.015	0.003	0.021	698	1114	-416	501	1199	894	1310	-416	13	907	196	196	0	-488	-292	
Q	4.90	1.71	1.01	-4.32	-1.59	-1.764	-0.24	-0.164	-0.163	-0.202	1187	876	311	221	1407	1268	956	311	-212	1055	81	81	0	-433	-352	
																				std dev	80	80	0	129	78	
																				averages for 4000+ sires		69	69	0	-86	-17

- Look at how animals with similar CW eBVs but different LEAN weight eBVs rate for lean yield eBVs. Remember that for DP sheep fatness has no effect in the new DPM, so it is purely rewarding high lean yields (SHLY, LPLY & HQLY).
- Change in Growth is due to increasing the value of carcass weight (CW eBV) and separating Lamb Growth (DPG) from the Adult Size penalty (DPA).
- Change in Meat is due to removal of fatness from the index and refocusing on tissue yield instead of tissue weight (size).
- Generally, drops in Meat are paired with rises in Growth such that net effects are small. Figures for the animals above illustrate the range in change overall, from high to lowest (Net Change column to RHS).

Old and new Growth & Meat eBVs and indexes for some **Terminal Sire** rams (all have progeny)

ID	WWT	WWTM	CW	EWT	FAT	FATY	LEAN	SHLY	LNLY	HQLY	Old TSG	Old TSM	Old TSG + TSM	New TSG	New TSM	New TSG + TSM	Change for Growth	Change for Meat	Net change
A	4.76	3.57	0.78	-2.77	-1.26	-1.311	-0.71	-0.193	-0.188	-0.238	369	25	394	437	82	520	69	57	126
B	2.41	2.73	1.03	2.05	-0.69	-1.118	0.78	0.062	0.057	0.079	231	388	619	322	403	725	91	16	106
C	2.37	2.07	1.83	2.84	-0.01	-0.554	0.86	0.006	0.000	0.008	285	277	562	446	160	606	161	-117	44
D	3.08	0.01	1.76	7.14	0.46	-0.106	0.91	0.041	0.035	0.052	326	199	526	481	87	569	155	-112	43
E	2.21	0.68	1.46	4.07	-0.05	-0.573	1.35	0.135	0.125	0.169	248	442	690	377	356	733	128	-86	43
F	1.77	2.18	1.39	1.73	0.22	-0.373	1.15	0.076	0.067	0.095	214	324	538	336	212	549	122	-112	11
G	4.13	2.42	2.59	7.65	-0.03	-1.026	2.08	0.117	0.103	0.148	454	672	1125	682	454	1136	228	-218	10
H	3.45	1.42	1.65	4.67	0.10	-0.291	-0.07	-0.173	-0.173	-0.214	343	-42	301	488	-177	311	145	-135	10
I	5.32	1.68	2.88	8.47	0.59	-0.606	1.94	0.055	0.041	0.071	553	503	1056	806	244	1050	253	-259	-6
J	0.35	-0.03	0.97	3.28	0.54	0.254	0.68	0.062	0.057	0.077	91	110	201	176	18	195	85	-91	-6
K	3.42	0.56	1.34	4.09	0.52	0.222	-0.15	-0.154	-0.153	-0.190	320	-152	168	437	-292	146	118	-140	-22
L	1.45	0.71	1.29	5.04	0.86	0.149	1.53	0.153	0.143	0.192	186	318	504	300	181	481	114	-136	-23
M	1.30	-0.22	1.96	5.70	1.06	0.085	2.27	0.210	0.194	0.262	223	514	737	395	280	676	172	-234	-62
N	4.65	-0.58	1.21	3.43	0.48	-0.003	0.15	-0.147	-0.148	-0.182	392	-48	344	498	-220	278	106	-172	-65
O	1.08	0.93	1.74	8.34	2.34	1.441	1.19	0.018	0.010	0.024	193	-87	106	346	-381	-35	153	-294	-141
P	4.87	1.04	4.29	13.29	2.53	0.521	3.57	0.138	0.113	0.175	622	636	1258	999	45	1044	378	-591	-214
Q	9.92	1.44	3.80	9.07	1.95	-0.122	2.28	-0.161	-0.177	-0.195	921	340	1260	1255	-216	1039	334	-555	-221
																<i>std devn</i>	88	123	45
																averages for 4000+ sires	76	-87	-12

- Look at how animals with similar CW eBVs but different LEAN (or FAT) weight eBVs rate for lean (or fat) yield eBVs. Remember that for TS sheep low fat yield (FATY eBV) is rewarded and high lean yields (SHLY, LNLY & HQLY) are rewarded.
- Change in Growth is solely due to increasing the value of carcass weight (CW eBV).
- Changes in Meat are due to refocusing on tissue yields instead of tissue weights (size). Lean yield is rewarded while fat yield is penalized.
- Generally, drops in Meat are paired with rises in Growth such that net effects are small. Figures for the animals above illustrate the range in change overall, from high to lowest (Net Change column to RHS).