



# 2017 Born Coopworth Rams



## Top 300 October 2018 SINGLE STEP

Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix	<b>Multiple Flocks</b>	Number of Rams	<b>300 / 3837</b>
Flock Owner		Date Report Run	<b>3-Oct-2018 08:29</b>
Flock Sire/Dam Breeds		Report No.	<b>1725436</b>
Report Sorted By	<b>Rnk</b>	Report Birth Period	<b>2017 to 2017</b>

Genetic Analysis No.	<b>35855</b>	Date Breeding Values Created	<b>28-Sep-2018 19:00</b>
Analysis Birth Period	<b>1995 to 2018</b>	Base Year	<b>1995</b>
Analysis Flocks	<b>Too many Flocks to list (1204 Flocks in the analysis)</b>		
Goal Trait Groups	<b>Bare Points; Body Condition Score; CarLA; Dag Score; Facial Eczema; Fine Wool; Growth; Hgt Lambing; Meat Yield; Reproduc</b>		
Genetic Analysis Codes	<b>Pregscan in Reproduction (if no NLB); Reproduction excludes LW8; Trait data excluded from GE; GBVs calculated</b>		
Data Exclusion Set	<b>Permanent</b>		



### Explanation of Indexes

**NZ Maternal Worth with Meat** (\* MW+M)  $\phi = (* DPA) + (* DPCR) + (* DPG) + (* DPM) + (* DPS) + (* DPW)$   
 SIL Dual Purpose Adult Size (\* DPA)  $\phi = -147 \times EWTgBV$   
 SIL Dual Purpose Capped Reproduction (\* DPCR)  $\phi = \text{non-linear index}$   
 SIL Dual Purpose Lamb Growth (\* DPG)  $\phi = 122 \times WWTgBV + 140 \times WWTMgBV + 467 \times CWgBV$   
 SIL Dual Purpose Meat Yield (\* DPM)  $\phi = 791 \times LNLYgBV + 555 \times HQLYgBV + 419 \times SHLYgBV$   
 SIL Dual Purpose Survival (\* DPS)  $\phi = 12274 \times SURgBV + 11136 \times SURMgBV$   
 SIL Dual Purpose Wool (\* DPW)  $\phi = 153 \times FW12gBV + 341 \times LFWgBV + 443 \times EFWgBV$

### Explanation of Breeding Values

CWgBV = Carcass weight gBV	EFWgBV = Ewe fleece weight gBV	EWTgBV = Ewe live weight gBV
FW12gBV = Fleece weight 12 gBV	HQLYgBV = Hindquarter lean yield gBV	LFWgBV = Lamb fleece weight gBV
LNLYgBV = Loin lean yield gBV	SHLYgBV = Shoulder lean yield gBV	SURgBV = Lamb survival gBV
SURMgBV = Survival maternal gBV	WWTgBV = Weaning weight gBV	WWTMgBV = Weaning weight maternal gBV

### Explanation of count traits listed

No.Prog=No. Progeny in Report flocks & years / No. in Analysis (1 number if identical)

**List of birth flock numbers and prefixes for report animals, including sires and dams**

391 Hinenui	403 Puketauru	454 Lincoln	528 Ditton
689 Tumeke	712 Marlow	719 Blackdale	904 Coryston
1009 Waikoura	1011 Te Rae	1084 Wharetoa	1115 Grassendale
1138 Tamlet	1139 Ashgrove	1194 MNCC	1207 Waione
1425 Nikau	1481 Tautari	1726 Pine Park	1735 Glenrae
1821 Ashaig Farm	1828 Awa Mara	2383 Whitegate	2415 Colhoun
2477 Lawson-Lea	2492 Cohi	2638 Woodlands Res	2657 Te Rae
2897 Limestone Downs	2967 Torresdale	3110 The Poplars	3455 Moeraki Downs
4751 Glenrae Coopdale	4774 Ashton Glen	4797 Kaahu	4830 Glendhu
4851 Romani	4967 Queenfield		

*DISCLAIMER: While all reasonable care has been taken to ensure the accuracy of information in this report, SIL expressly disclaims any and all liabilities that may arise from its use.*



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Period **2017**

Flock Owner

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
1138	11/15	22/15	2/2	4774	710/17	4391	1	530	1525	427	1312	2474	187	372	38	198	532	390	762	0
719	65/16	9/13	2/2	719	161/17	4354	2	575	1280	512	926	2760	43	-485	1824	361	66	630	17	0
719	65/16	148/13	2/2	719	113/17	4230	3	413	2230	494	1008	3022	11	-635	2444	388	40	549	78	0
1425	293/16	114/14	2/2	1425	240/17	4206	4	620	1043	992	11	1809	1303	10	292	208	460	568	54	0
1425	293/16	424/16	2/2	1425	587/17	4095	5	661	815	846	138	2185	517	-98	501	205	483	296	1766	0
1425	293/16	114/14	2/2	1425	239/17	4086	6	575	1280	815	197	1866	1158	113	171	201	512	517	112	0
712	63/15	127/12	2/2	712	4/17	4066	7	652	877	811	208	2448	201	-439	1621	33	2196	561	63	0
719	65/16	198/13	3/2	719	99/17	4065	8	508	1643	448	1199	2951	14	-811	3095	342	87	626	19	0
712	63/15	127/12	2/2	712	3/17	4056	9	673	744	643	562	2880	22	-813	3101	8	2561	666	7	0
719	65/16	121/13	3/2	719	29/17	4037	10	501	1666	302	2047	3063	9	-775	2978	349	78	598	30	0
712	233/15	118/13	3/2	712	441/17	4011	11	763	281	656	533	2477	184	-471	1773	70	1682	517	112	0
712	63/15	189/14	3/3	712	6/17	3954	12	867	29	597	673	2547	127	-639	2459	21	2373	561	63	0
4851	246/13	339/16	2/2	4851	686/17	3949	13	474	1842	912	52	2483	179	-547	2075	455	8	171	2925	0
1138	11/15	90/15	2/2	4774	691/17	3943	14	525	1551	307	2014	2889	20	-442	1637	211	448	453	313	0
1425	293/16	94/16	1/1	1425	633/17	3921	15	560	1365	712	421	2193	498	-128	569	113	1213	471	233	0
391	553/14	2241/16	1/1	1115	2928/17	3920	16	523	1559	-74	3729	2727	54	530	13	59	1828	156	3044	0
712	63/15	217/11	1/1	712	289/17	3918	17	728	433	712	421	2503	157	-467	1752	-87	3421	529	97	0
719	65/16	673/13	3/3	719	34/17	3901	18	480	1811	422	1339	3278	2	-1160	3699	246	296	635	15	0
719	65/16	83/13	2/2	719	154/17	3877	19	451	1974	477	1061	2651	70	-511	1920	319	118	490	162	0
391	553/14	203/16	2/2	4797	711/17	3867	20	648	898	272	2291	2839	31	-379	1392	209	458	279	1938	0
689	377/16	25/12	2/2	689	35217/17	3866	21	660	829	714	415	1651	1725	315	49	85	1519	440	379	0
712	63/15	199/16	2/2	712	632/17	3854	22	608	1102	797	236	2638	76	-669	2574	-90	3438	570	51	0
689	377/16	277/12	4/4	689	36417/17	3853	23	887	14	817	191	1860	1172	-256	972	69	1693	477	211	0
689	377/16	277/12	4/4	689	36217/17	3853	23	887	14	817	191	1860	1172	-256	972	69	1693	477	211	0
712	233/15	3/12	1/1	712	494/17	3840	25	869	25	584	716	2411	234	-361	1327	-65	3296	403	674	0
391	590/12	366/14	3/3	403	149/17	3836	26	524	1554	367	1626	3169	6	-701	2701	138	993	338	1296	0
4774	64/15	167/12	2/2	3455	1042/17	3830	27	623	1035	372	1597	2404	240	-335	1232	265	237	500	134	0
719	65/16	121/13	3/2	719	30/17	3801	28	501	1666	302	2047	2877	23	-865	3231	382	43	606	28	0
1425	293/16	58/13	2/2	1425	219/17	3795	29	642	932	528	879	2278	380	-296	1097	-10	2767	653	9	0
1425	293/16	118/16	1/1	1425	598/17	3794	30	566	1324	626	599	2240	424	-208	810	0	2657	571	50	0
403	912/15	144/15	2/2	403	367/17	3786	31	553	1403	576	730	2594	98	-551	2089	197	541	416	565	0
719	65/16	83/13	2/2	719	153/17	3774	32	451	1974	477	1061	2584	105	-564	2136	329	103	497	147	0
391	1200/15	1857/16	1/1	391	2016/17	3774	32	663	798	489	1024	2638	76	-485	1824	69	1693	399	700	0
4851	68/14	43/13	2/2	4851	579/17	3764	34	140	3504	795	240	1271	2692	708	5	369	54	481	198	0



$$MW+M = A + CR + G + M + S + W$$



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Flock Owner

Period **2017**

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
1425	293/16	130/14	1/1	1425	236/17	3760	35	562	1347	746	352	1913	1051	-245	923	90	1464	693	5	0
1425	592/15	94/13	2/2	1425	60/17	3749	36	853	41	514	918	2097	651	-346	1280	54	1909	578	43	0
712	347/15	423/14	2/2	712	228/17	3738	37	665	792	1070	2	2050	745	-445	1651	-217	3801	615	26	0
1138	11/15	409/14	2/2	1138	36/17	3735	38	442	2078	417	1364	2884	21	-753	2900	286	172	459	290	0
712	233/15	209/14	1/1	712	33/17	3727	39	597	1163	715	410	2795	36	-749	2883	9	2546	361	1051	0
391	1041/14	1072/15	2/2	391	1349/17	3726	40	558	1376	790	248	2850	27	-738	2852	123	1122	142	3151	0
4851	246/13	161/16	3/3	4851	735/17	3724	41	490	1724	921	49	2123	614	-93	488	177	671	106	3375	0
712	233/15	412/13	3/3	712	26/17	3719	42	904	2	863	115	2716	56	-812	3098	-181	3754	230	2429	0
1425	293/16	543/13	3/3	1425	275/17	3714	43	692	634	605	652	1954	948	-212	821	23	2346	653	9	0
689	199/16	846/15	2/2	689	45217/17	3694	44	582	1248	496	999	1648	1737	388	36	161	803	419	545	0
403	912/15	74/15	3/3	403	617/17	3694	44	686	662	640	566	2574	110	-640	2465	169	733	264	2072	0
391	553/14	6/16	1/1	4797	766/17	3693	46	398	2310	378	1572	3345	1	-791	3035	55	1893	309	1640	0
391	553/14	361/15	2/2	712	377/17	3691	47	736	388	458	1141	2533	133	-320	1183	-14	2812	297	1759	0
689	377/16	25/12	2/2	689	35317/17	3690	48	660	829	714	415	1593	1878	176	118	86	1512	460	281	0
403	912/15	723/15	2/2	403	55/17	3683	49	420	2187	503	971	2947	15	-706	2718	150	893	369	966	0
1425	293/16	241/16	2/2	1425	559/17	3665	50	657	848	537	838	2050	745	-234	879	61	1802	595	32	0
4851	68/14	43/13	2/2	4851	578/17	3659	51	140	3504	795	240	1743	1462	100	180	380	45	500	134	0
1425	293/16	22/14	2/2	1425	193/17	3654	52	625	1030	517	912	1976	891	-342	1261	192	579	687	6	0
4851	246/13	459/15	1/1	4851	546/17	3651	53	459	1921	674	490	1993	848	-3	309	201	512	328	1418	0
1138	197/15	94/15	1/1	1138	584/17	3650	54	482	1795	280	2233	2729	53	-650	2514	379	46	431	440	0
689	199/16	260/14	1/1	689	31017/17	3648	55	734	401	772	285	1568	1948	174	120	12	2508	388	779	0
719	C571/12	98/12	2/2	719	83/17	3644	56	262	3022	185	2874	2935	16	-571	2173	268	224	565	58	0
391	1200/15	102/14	2/1	391	797/17	3636	57	653	871	367	1626	2254	402	-294	1090	230	355	425	489	0
391	553/14	145/15	2/2	4851	160/17	3636	57	733	405	285	2201	3043	10	-1028	3556	173	700	430	446	0
712	63/15	1451/15	2/2	391	1501/17	3635	59	632	990	586	712	2338	304	-351	1302	59	1828	371	945	0
689	324/15	327/16	2/2	689	89117/17	3630	60	747	335	575	736	2034	775	-32	357	-77	3383	383	828	0
4797	38/15	210/12	2/2	4851	29/17	3627	61	724	454	305	2033	3081	8	-1125	3677	258	260	382	839	0
712	63/15	490/14	2/2	712	1/17	3621	62	414	2219	720	402	2279	378	38	255	-60	3257	229	2440	0
4797	38/15	364/13	2/2	4851	90/17	3621	62	631	994	313	1973	1823	1275	46	241	363	61	444	361	0
1138	245/14	812/14	2/2	1138	438/17	3618	64	354	2546	484	1040	2736	48	-542	2059	281	183	305	1682	0
4774	251/16	15/15	2/2	4774	636/17	3617	65	365	2493	406	1422	2774	40	-520	1964	196	545	397	715	0
712	233/15	262/13	4/2	712	467/17	3615	66	797	173	826	175	2632	79	-938	3406	-24	2927	322	1490	0
391	639/15	1185/16	1/1	391	1844/17	3606	67	858	34	438	1239	2608	91	-516	1938	-144	3656	361	1051	0
391	1041/14	593/15	2/2	391	1072/17	3605	68	555	1394	622	614	2229	445	-151	640	95	1402	255	2173	0



$$MW+M = A + CR + G + M + S + W$$



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Period **2017**

Flock Owner

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
4774	251/16	15/15	2/2	4774	637/17	3604	69	365	2493	406	1422	2855	26	-636	2449	199	525	416	565	0
2477	157/16	180/14	2/2	2477	164/17	3603	70	655	860	479	1056	2059	724	-392	1442	364	60	438	396	0
712	233/15	265/14	3/3	712	93/17	3594	71	599	1151	851	132	2574	110	-728	2807	-11	2783	310	1627	0
4797	38/15	313/15	2/2	4797	260/17	3594	71	708	561	318	1932	2497	162	-557	2113	223	388	404	666	0
4851	246/13	161/16	3/3	4851	736/17	3593	73	490	1724	921	49	2064	717	-273	1023	200	520	191	2774	0
1425	104/15	301/16	1/1	1425	538/17	3590	74	527	1542	567	756	2392	250	-9	314	-12	2796	125	3252	0
391	1200/15	795/14	2/2	391	711/17	3586	75	792	184	527	889	2733	50	-1028	3556	132	1042	431	440	0
712	63/15	490/14	2/2	712	2/17	3575	76	414	2219	720	402	2628	84	-390	1432	-103	3503	306	1670	0
391	553/14	204/16	1/1	4797	726/17	3572	77	517	1595	274	2274	2624	86	-468	1755	192	579	433	431	0
712	63/15	177/16	2/2	712	720/17	3563	78	708	561	822	183	2710	57	-1138	3688	-29	2972	490	162	0
403	912/15	68/15	2/2	403	164/17	3561	79	590	1203	595	680	2232	437	-297	1102	177	671	264	2072	0
689	199/16	1001/14	1/1	689	31917/17	3550	80	652	877	498	993	2092	663	-195	770	47	2002	456	304	0
4851	246/13	559/15	2/2	4851	486/17	3546	81	542	1474	807	214	2242	420	-369	1356	205	483	119	3293	0
1425	293/16	3/16	2/2	1425	654/17	3541	82	510	1630	725	390	1870	1150	-297	1102	139	985	594	33	0
689	199/16	29/15	2/2	689	7017/17	3535	83	721	479	431	1293	1917	1033	-96	500	83	1542	480	201	0
391	553/14	146/15	2/2	712	401/17	3533	84	755	315	387	1526	2310	338	-396	1462	153	866	324	1465	0
391	553/14	147/15	3/3	712	435/17	3527	85	792	184	406	1422	2009	821	-301	1115	218	413	403	674	0
403	912/15	144/15	2/2	403	368/17	3527	85	553	1403	576	730	2387	252	-573	2181	246	296	338	1296	0
1425	231/14	289/16	1/1	4851	750/17	3525	87	492	1716	607	644	1944	975	-75	436	287	171	269	2026	0
712	233/15	201/13	2/2	712	408/17	3524	88	485	1776	816	196	2491	172	-748	2879	57	1864	423	506	0
4797	38/15	313/15	2/2	4797	261/17	3511	89	708	561	318	1932	2264	394	-423	1562	262	249	381	852	0
4797	38/15	302/15	3/3	4797	302/17	3506	90	679	711	370	1609	2192	501	-311	1149	218	413	358	1084	0
712	233/15	524/14	3/3	712	18/17	3506	90	669	774	753	332	1953	951	-190	756	38	2134	283	1895	0
4774	64/15	22/12	2/2	3455	1032/17	3502	92	645	925	283	2212	2916	18	-1034	3563	252	274	440	379	0
1138	11/15	725/13	2/2	4774	667/17	3500	93	519	1577	369	1615	2472	190	-360	1323	167	752	333	1354	0
391	639/15	230/13	2/2	391	576/17	3500	93	745	349	211	2725	2192	501	100	180	-16	2831	269	2026	0
712	233/15	196/14	2/2	712	284/17	3497	95	615	1060	842	146	2202	487	-388	1421	-8	2753	235	2384	0
712	464/15	418/15	2/2	712	453/17	3496	96	841	61	684	468	2173	540	-715	2751	95	1402	418	551	0
1425	293/16	487/15	2/2	1425	254/17	3489	97	705	578	614	629	1664	1676	-21	332	102	1327	424	497	0
391	1200/15	302/13	3/3	391	898/17	3487	98	823	103	595	680	2381	254	-603	2305	9	2546	282	1909	0
391	553/14	445/14	3/1	712	366/17	3486	99	774	240	221	2658	2841	30	-591	2259	-188	3766	429	460	0
1425	293/16	543/13	3/3	1425	274/17	3479	100	681	695	597	673	1659	1698	107	178	19	2406	416	565	0
403	912/15	681/15	1/1	403	625/17	3478	101	420	2187	591	696	2187	511	-218	838	279	193	218	2553	0
403	89/12	645/11	2/2	403	224/17	3476	102	360	2521	383	1549	2894	19	-620	2378	101	1341	359	1068	0



$$MW+M = A + CR + G + M + S + W$$



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Flock Owner

Period **2017**

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
4851	181/14	204/15	3/2	4851	516/17	3475	103	450	1980	770	289	1794	1346	32	266	167	752	261	2109	0
4774	251/16	114/15	2/1	4774	587/17	3473	104	424	2171	425	1318	2523	140	-523	1983	194	565	430	446	0
1425	293/16	318/15	2/2	1425	220/17	3470	105	647	908	561	777	2203	484	-463	1732	-136	3626	659	8	0
4851	246/13	273/16	3/3	4851	725/17	3468	106	482	1795	762	307	1880	1124	98	183	182	635	65	3613	0
689	377/16	280/15	3/3	689	62117/17	3452	107	879	20	709	428	1836	1243	-403	1484	47	2002	384	817	0
4851	68/14	26/16	1/1	4851	672/17	3452	107	224	3178	955	23	2079	689	-360	1323	418	19	137	3189	0
4774	64/15	1002/12	3/3	3455	1063/17	3451	109	854	40	316	1952	2450	200	-655	2531	159	820	326	1442	0
689	199/16	805/16	1/1	689	93217/17	3441	110	611	1084	338	1819	2343	298	-772	2966	127	1089	795	1	0
1425	293/16	122/16	2/2	1425	578/17	3438	111	594	1177	594	686	1636	1769	-50	384	203	492	462	270	0
712	63/15	189/14	3/3	712	5/17	3438	111	824	100	565	766	2669	67	-1089	3637	-41	3095	509	127	0
712	233/15	224/14	2/2	712	316/17	3435	113	767	265	677	484	2731	52	-1181	3714	-19	2863	460	281	0
712	233/15	66/10	1/1	712	393/17	3431	114	637	965	775	278	1978	887	-496	1868	62	1793	475	218	0
4851	246/13	572/15	2/2	4851	288/17	3426	115	519	1577	822	183	2249	409	-569	2164	247	292	159	3023	0
719	65/16	62/13	1/1	719	75/17	3426	115	486	1747	379	1565	2288	368	-423	1562	251	276	445	356	0
391	1041/14	1072/15	2/2	391	1387/17	3425	117	558	1376	790	248	2203	484	-365	1340	90	1464	148	3095	0
689	199/16	29/15	2/2	689	7117/17	3424	118	721	479	431	1293	1942	981	-163	672	2	2641	492	156	0
4851	246/13	430/16	2/2	4851	829/17	3424	118	584	1235	892	78	1720	1533	-128	569	130	1065	226	2472	0
1425	293/16	92/16	1/1	1425	502/17	3424	118	593	1188	511	930	1701	1577	-118	543	148	906	588	35	0
391	553/14	389/15	1/1	4851	151/17	3420	121	513	1618	243	2508	2000	842	150	136	250	278	263	2087	0
712	233/15	75/16	2/2	712	761/17	3419	122	718	505	814	201	1553	1997	-89	476	117	1172	306	1670	0
4797	38/15	369/14	3/3	4851	97/17	3419	122	779	221	350	1723	2631	80	-875	3257	170	728	364	1017	0
391	1041/14	1606/13	2/2	391	1423/17	3418	124	544	1451	764	302	1926	1006	20	281	-23	2910	187	2816	0
1425	231/14	642/13	2/2	689	117/17	3416	125	746	340	336	1830	1882	1121	-284	1059	199	525	537	86	0
712	233/15	77/13	2/2	712	247/17	3415	126	680	699	945	29	2522	145	-960	3449	-76	3372	305	1682	0
391	553/14	311/16	2/2	4797	720/17	3413	127	467	1867	271	2303	2651	70	-455	1696	240	315	239	2342	0
1425	293/16	53/13	3/3	1425	145/17	3410	128	691	640	594	686	2114	627	-571	2173	27	2272	556	67	0
4797	38/15	163/13	2/2	4797	189/17	3410	128	515	1604	253	2440	2483	179	-480	1807	400	32	239	2342	0
1425	293/16	437/15	3/3	1425	499/17	3409	130	684	674	661	521	1550	2006	-130	576	145	928	499	137	0
1425	293/16	437/15	3/3	1425	498/17	3409	130	684	674	661	521	1550	2006	-130	576	145	928	499	137	0
689	1113/14	50/12	2/2	689	2417/17	3408	132	606	1113	777	268	2327	317	-731	2819	-30	2990	459	290	0
391	553/14	4/16	2/2	4797	731/17	3407	133	446	2004	286	2189	2323	320	-200	783	179	656	374	919	0
391	590/12	846/13	2/2	403	3/17	3406	134	597	1163	270	2314	2598	94	-435	1605	-7	2741	383	828	0
391	553/14	607/12	4/3	712	449/17	3403	135	795	177	390	1510	2660	68	-1008	3522	116	1178	450	335	0
4851	246/13	505/16	2/2	4851	652/17	3403	135	595	1173	766	296	2181	525	-339	1250	102	1327	98	3430	0



$$MW+M = A + CR + G + M + S + W$$



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Flock Owner

Period **2017**

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
391	1041/14	2062/15	2/2	391	1405/17	3398	137	686	662	881	96	2011	819	-387	1418	73	1649	133	3213	0
1138	11/15	132/14	1/1	1138	76/17	3395	138	466	1876	285	2201	2211	471	-132	580	182	635	383	828	0
4851	68/14	271/14	2/2	4851	203/17	3393	139	393	2334	792	244	1456	2248	220	92	493	4	40	3693	0
719	C571/12	5/11	3/2	719	68/17	3393	139	251	3074	204	2783	2454	197	-264	1002	210	453	538	85	0
391	670/14	5505/14	3/3	391	1640/17	3391	141	496	1690	277	2253	2555	119	-255	967	-8	2753	324	1465	0
391	553/14	115/16	2/2	4797	713/17	3389	142	586	1225	193	2838	2542	128	-547	2075	268	224	348	1187	0
391	553/14	474/15	1/1	712	425/17	3387	143	709	552	403	1441	2485	178	-759	2916	161	803	388	779	0
391	1041/14	1606/13	2/2	391	1425/17	3386	144	544	1451	764	302	2104	639	-280	1046	-19	2863	273	1985	0
712	233/15	229/14	3/3	712	146/17	3385	145	858	34	673	491	2101	645	-715	2751	112	1228	356	1107	0
719	C571/12	12/12	2/2	719	91/17	3382	146	244	3097	195	2829	2816	34	-624	2395	187	604	564	59	0
391	1200/15	474/14	3/2	391	519/17	3380	147	889	11	522	902	1945	970	-497	1875	63	1780	458	295	0
391	1200/15	981/16	1/1	391	1797/17	3377	148	771	253	656	533	2213	468	-851	3199	116	1178	472	230	0
712	233/15	182/16	2/1	712	747/17	3376	149	878	21	627	594	1812	1295	-343	1265	57	1864	345	1221	0
4774	354/16	154/15	2/2	4774	670/17	3375	150	521	1565	188	2856	2442	204	-537	2036	191	586	570	51	0
4774	64/15	7/15	2/2	3455	1038/17	3370	151	647	908	303	2041	2705	58	-919	3357	236	329	397	715	0
712	347/15	529/14	3/2	712	112/17	3370	151	729	430	920	51	1706	1563	-465	1740	47	2002	434	423	0
1425	231/14	413/15	1/1	4851	165/17	3368	153	444	2061	458	1141	1651	1725	25	275	386	41	404	666	0
403	912/15	784/12	2/1	403	948/17	3366	154	406	2270	441	1226	2024	789	-119	546	195	558	419	545	0
391	1200/15	1165/14	2/2	391	559/17	3364	155	785	206	399	1456	2186	515	-426	1575	173	700	247	2255	0
4851	246/13	366/16	2/1	4851	813/17	3364	155	663	798	618	618	2100	647	-237	892	202	503	18	3740	0
4774	251/16	380/14	1/1	1138	361/17	3362	157	420	2187	441	1226	3264	3	-1290	3785	49	1971	477	211	0
403	214/13	726/15	2/2	403	841/17	3359	158	629	1012	533	862	2298	353	-484	1821	132	1042	251	2214	0
403	912/15	686/15	3/3	403	628/17	3357	159	723	465	510	941	2436	209	-625	2399	129	1075	184	2837	0
4851	68/14	492/13	3/3	4851	347/17	3357	159	504	1658	655	536	2056	730	-478	1799	335	95	284	1879	0
719	C571/12	93/12	3/3	719	173/17	3356	161	278	2931	167	2985	2563	117	-425	1567	181	644	591	34	0
4797	130/15	143/14	3/3	4797	207/17	3356	161	387	2380	119	3229	3206	5	-1101	3654	395	36	351	1152	0
712	63/15	80/16	1/1	712	726/17	3355	163	772	251	735	366	1819	1285	-389	1429	39	2126	379	876	0
712	234/15	483/16	1/1	1139	674/17	3347	164	700	598	684	468	1891	1093	-381	1399	26	2283	426	485	0
391	1200/15	842/14	2/1	391	189/17	3347	164	759	302	573	740	1799	1331	-125	558	98	1370	243	2298	0
712	233/15	78/14	3/3	712	272/17	3345	166	760	297	1038	5	1756	1432	-815	3109	159	820	447	346	0
4851	181/14	144/15	2/2	4851	640/17	3342	167	410	2246	849	135	1860	1172	-347	1285	111	1234	458	295	0
4851	246/13	134/16	3/3	4851	655/17	3339	168	554	1397	715	410	1921	1019	-86	465	199	525	37	3703	0
712	233/15	118/13	3/2	712	440/17	3339	168	824	100	731	375	1993	848	-385	1412	-127	3597	302	1708	0
712	347/15	175/14	3/3	712	88/17	3339	168	794	180	767	293	1804	1319	-678	2616	161	803	491	158	0



$$MW+M = A + CR + G + M + S + W$$



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Flock Owner

Period **2017**

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
712	233/15	490/13	3/3	712	286/17	3338	171	710	548	885	90	2454	197	-1149	3692	54	1909	384	817	0
403	912/15	122/15	2/2	403	499/17	3336	172	463	1897	489	1024	2589	101	-674	2599	160	813	309	1640	0
4851	246/13	643/16	2/2	4851	761/17	3336	172	509	1637	835	160	1662	1685	31	267	185	619	116	3311	0
403	511/16	450/15	3/3	403	734/17	3335	174	700	598	309	1998	2568	115	-774	2973	180	650	352	1145	0
4797	38/15	389/15	3/3	4797	441/17	3334	175	420	2187	399	1456	2059	724	-362	1330	507	2	310	1627	0
712	233/15	46/16	2/2	712	724/17	3334	175	656	857	931	37	2670	66	-1214	3734	-67	3313	357	1096	0
1138	11/15	868/14	2/2	4774	671/17	3334	175	676	730	337	1826	1910	1061	-297	1102	143	953	566	57	0
1425	293/16	576/16	2/2	1425	1112/17	3333	178	706	568	661	521	1809	1303	-275	1029	97	1382	335	1330	0
4851	68/14	317/16	1/1	4851	841/17	3330	179	482	1795	715	410	1737	1479	-199	779	336	92	258	2141	0
391	403/14	651/15	3/3	391	315/17	3330	179	762	291	361	1663	1812	1295	-104	514	131	1053	368	973	0
689	324/15	883/16	1/1	689	87617/17	3325	181	836	66	667	511	1505	2127	89	193	-25	2939	253	2190	0
391	1200/15	68/14	2/2	391	663/17	3324	182	725	450	327	1887	2301	349	-657	2538	210	453	417	558	0
4851	181/14	202/15	2/2	4851	525/17	3324	182	282	2910	810	210	1907	1069	-260	982	213	438	373	925	0
712	407/16	251/12	3/2	712	367/17	3323	184	684	674	756	326	1722	1522	-293	1088	1	2650	454	311	0
1425	104/15	446/15	2/2	1425	354/17	3322	185	669	774	510	941	2188	509	-598	2289	271	213	282	1909	0
712	233/15	412/13	3/3	712	27/17	3319	186	852	42	907	59	1880	1124	-465	1740	-96	3464	242	2308	0
719	C571/12	219/12	2/2	719	120/17	3317	187	146	3479	217	2693	2503	157	-416	1532	292	162	574	47	0
4851	246/13	682/15	3/2	4851	523/17	3317	187	581	1255	825	177	1699	1585	-111	530	172	710	150	3081	0
403	912/15	725/15	2/2	403	385/17	3317	187	540	1484	521	908	2380	257	-670	2585	188	597	359	1068	0
689	377/16	561/15	2/2	689	15017/17	3316	190	878	21	626	599	1914	1045	-540	2047	24	2325	414	588	0
391	1200/15	227/12	3/2	391	1019/17	3314	191	785	206	325	1898	2353	291	-532	2026	13	2492	370	952	0
1425	293/16	501/12	3/2	1425	472/17	3313	192	657	848	623	611	1643	1753	-242	912	155	847	478	207	0
391	670/14	977/14	2/2	391	1281/17	3313	192	461	1909	214	2710	2691	61	-236	888	-24	2927	208	2624	0
4797	38/15	283/13	2/2	4797	91/17	3308	194	637	965	343	1771	2496	165	-669	2574	160	813	341	1259	0
391	553/14	78/15	3/3	712	346/17	3308	194	773	245	469	1105	2159	557	-596	2280	74	1642	428	465	0
391	1041/14	1014/15	1/1	391	1556/17	3307	196	461	1909	783	260	2221	457	-313	1156	92	1442	63	3617	0
391	553/14	88/16	1/1	4797	725/17	3307	196	575	1280	156	3039	2683	63	-754	2904	159	820	488	171	0
712	347/15	328/14	4/2	712	505/17	3307	196	642	932	910	55	2525	138	-1069	3615	-101	3489	400	694	0
403	912/15	424/15	3/2	403	576/17	3307	196	708	561	384	1545	2622	87	-864	3227	155	847	303	1702	0
391	1200/15	1149/14	3/2	391	86/17	3307	196	775	236	339	1816	1758	1423	-228	865	336	92	328	1418	0
4851	68/14	52/11	2/2	4851	219/17	3306	201	356	2537	795	240	1524	2079	-44	378	314	127	360	1059	0
1425	293/16	314/16	2/2	1425	698/17	3305	202	639	951	652	543	1915	1042	-363	1333	112	1228	350	1165	0
391	1041/14	1313/15	3/2	391	1322/17	3305	202	678	720	651	545	1825	1270	-270	1012	11	2516	410	622	0
4774	64/15	43/15	2/2	3455	1061/17	3304	204	536	1495	272	2291	2380	257	-641	2469	136	1004	622	21	0



$$MW+M = A + CR + G + M + S + W$$





# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Flock Owner

Period **2017**

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
4851	181/14	204/15	3/2	4851	515/17	3302	205	450	1980	770	289	1917	1033	-416	1532	168	740	412	606	0
712	464/15	333/15	3/2	712	181/17	3302	205	848	52	840	147	1275	2682	-303	1120	156	844	486	176	0
2477	260/15	465/14	3/2	2477	295/17	3301	207	713	529	510	941	1554	1996	-34	361	116	1178	442	366	0
689	299/14	294/16	2/2	689	69517/17	3298	208	520	1570	465	1115	2129	605	-185	740	71	1674	299	1729	0
689	299/14	377/15	2/2	689	30517/17	3297	209	732	412	523	898	1954	948	63	219	-101	3489	125	3252	0
1139	395/10	72/15	3/2	1139	100/17	3297	209	755	315	618	618	1701	1577	-236	888	74	1642	384	817	0
4851	68/14	120/14	2/2	4851	365/17	3295	211	331	2675	805	218	1833	1251	-285	1062	482	6	129	3231	0
2477	157/16	304/14	3/3	2477	287/17	3295	211	782	211	473	1085	1385	2431	-43	376	326	107	371	945	0
689	299/14	294/16	2/2	689	69417/17	3294	213	520	1570	465	1115	1944	975	48	240	20	2388	298	1743	0
2477	157/16	248/15	2/2	2477	21/17	3294	213	629	1012	365	1635	1567	1954	-21	332	390	39	364	1017	0
712	233/15	210/16	3/2	712	734/17	3293	215	721	479	876	99	1868	1157	-516	1938	33	2196	311	1618	0
391	553/14	147/15	3/3	712	434/17	3291	216	792	184	406	1422	1661	1689	5	296	92	1442	335	1330	0
391	1041/14	884/15	3/3	391	1050/17	3284	217	805	144	807	214	2033	779	-544	2060	26	2283	157	3037	0
391	553/14	446/14	1/1	712	422/17	3283	218	601	1142	285	2201	2424	221	-372	1367	-30	2990	375	912	0
391	553/14	114/15	2/2	712	385/17	3281	219	656	857	471	1097	1857	1185	-167	691	107	1275	357	1096	0
712	233/15	456/14	2/2	712	70/17	3281	219	695	624	682	472	2478	183	-989	3489	54	1909	361	1051	0
391	639/15	851/12	3/1	391	955/17	3281	219	880	19	207	2766	2268	391	-263	994	-173	3741	363	1028	0
712	233/15	620/12	3/2	712	399/17	3279	222	663	798	898	71	2149	573	-1074	3619	173	700	471	233	0
1425	293/16	53/13	3/3	1425	146/17	3270	223	691	640	594	686	1860	1172	-354	1309	31	2216	449	338	0
1139	395/10	31/15	3/2	1139	404/17	3269	224	785	206	461	1132	1691	1606	-59	402	111	1234	280	1928	0
689	324/15	77/16	2/2	689	73917/17	3268	225	725	450	613	630	1619	1812	-208	810	19	2406	500	134	0
4851	181/14	247/15	2/2	4851	177/17	3267	226	74	3639	907	59	2289	363	-723	2786	406	28	313	1601	0
4797	38/15	765/14	4/3	4797	463/17	3267	226	866	30	344	1765	1561	1977	-90	477	329	103	257	2154	0
4851	181/14	201/15	2/1	4851	613/17	3266	228	334	2653	786	255	2260	396	-664	2561	242	310	309	1640	0
712	168/15	198/16	2/2	712	692/17	3266	228	682	688	947	27	1446	2268	-262	992	114	1201	339	1280	0
4774	251/16	476/14	3/2	1138	226/17	3265	230	487	1737	340	1808	2734	49	-1018	3535	244	305	478	207	0
4797	158/14	5/16	2/2	4797	760/17	3264	231	645	925	340	1808	2414	230	-706	2718	213	438	359	1068	0
712	464/15	419/16	2/2	712	712/17	3263	232	812	135	882	93	2114	627	-1050	3596	96	1392	408	633	0
4797	38/15	183/15	2/2	4797	142/17	3262	233	783	210	366	1631	2439	206	-902	3315	195	558	381	852	0
4797	38/15	389/15	3/3	4797	440/17	3262	233	517	1595	331	1855	1951	953	-195	770	304	141	354	1128	0
712	63/15	498/15	2/2	712	135/17	3261	235	353	2553	567	756	2201	490	-337	1239	-73	3352	551	72	0
391	1041/14	1114/15	3/2	391	1470/17	3257	236	763	281	720	402	1609	1831	-67	420	65	1747	167	2966	0
712	464/15	144/15	2/2	712	480/17	3256	237	750	328	832	162	1851	1203	-800	3066	220	403	404	666	0
391	553/14	409/16	2/2	4797	705/17	3254	238	602	1138	306	2025	2496	165	-740	2859	205	483	385	805	0



$$MW+M = A + CR + G + M + S + W$$



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Period **2017**

Flock Owner

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
391	553/14	58/14	3/3	712	410/17	3252	239	649	891	379	1565	2338	304	-651	2516	15	2464	522	107	0
403	909/15	573/15	2/2	403	866/17	3249	240	595	1173	165	3001	2425	218	-463	1732	66	1738	463	264	0
1139	395/10	72/15	3/2	1139	99/17	3244	241	755	315	618	618	1722	1522	-306	1132	67	1721	388	779	0
4797	38/15	163/13	2/2	4797	188/17	3243	242	559	1372	286	2189	2341	299	-519	1958	289	166	287	1853	0
712	63/15	304/15	3/3	712	38/17	3242	243	764	276	638	569	2078	692	-521	1969	14	2476	269	2026	0
4797	38/15	315/15	3/3	4797	119/17	3241	244	805	144	347	1747	1958	937	-515	1936	263	241	383	828	0
712	233/15	44/14	2/2	712	282/17	3240	245	721	479	818	189	1338	2551	140	143	-46	3140	269	2026	0
4797	38/15	31/14	2/2	4797	262/17	3240	245	626	1023	261	2386	2693	59	-761	2927	93	1431	328	1418	0
1425	231/14	105/15	1/1	1207	21/17	3239	247	450	1980	298	2081	1366	2480	844	2	131	1053	150	3081	0
1425	293/16	776/16	2/2	1425	520/17	3238	248	518	1589	576	730	1814	1292	-207	805	71	1674	465	254	0
2477	157/16	460/14	2/2	2477	66/17	3237	249	721	479	337	1826	1556	1989	-182	734	354	72	451	326	0
391	403/14	1031/15	2/1	391	313/17	3234	250	666	789	277	2253	2130	603	50	235	-167	3728	278	1949	0
391	1041/14	5258/14	2/2	391	1146/17	3233	251	563	1335	679	482	2018	802	-126	562	34	2185	64	3615	0
391	1200/15	1206/14	3/3	391	1012/17	3233	251	733	405	615	626	1833	1251	-300	1110	85	1519	267	2050	0
4774	64/15	100/15	2/2	3455	1075/17	3231	253	611	1084	232	2584	2058	728	-441	1630	119	1158	653	9	0
4851	68/14	24/13	3/2	4851	447/17	3231	253	643	931	566	763	2146	579	-629	2423	343	86	161	3001	0
4797	38/15	783/15	3/3	4797	226/17	3230	255	726	445	312	1980	2029	784	-393	1448	192	579	365	1005	0
1821	75/16	320/14	2/2	1821	281/17	3230	255	680	699	155	3042	2921	17	-1004	3514	87	1501	390	762	0
719	C571/12	219/12	2/2	719	119/17	3229	257	146	3479	217	2693	2499	160	-519	1958	298	150	588	35	0
391	1041/14	1293/15	2/2	391	1525/17	3227	258	699	601	750	343	1852	1200	-313	1156	146	919	92	3469	0
391	553/14	23/16	1/1	4797	724/17	3224	259	825	96	183	2886	1610	1830	443	25	-128	3605	290	1820	0
4774	251/16	146/14	1/1	1138	202/17	3222	260	340	2620	493	1011	2339	302	-414	1523	129	1075	335	1330	0
391	553/14	1850/15	2/2	391	1156/17	3220	261	648	898	309	1998	2213	468	-292	1085	128	1085	214	2582	0
4851	181/14	247/15	2/2	4851	176/17	3220	261	74	3639	907	59	2180	529	-712	2738	451	9	319	1531	0
689	1113/14	50/12	2/2	689	2517/17	3220	261	606	1113	777	268	2054	735	-576	2203	-86	3418	446	352	0
391	1041/14	1208/15	2/2	391	1230/17	3220	261	648	898	746	352	2041	764	-511	1920	144	940	151	3074	0
403	912/15	218/15	2/2	403	702/17	3220	261	539	1487	531	865	1928	1002	-301	1115	298	150	225	2484	0
4851	246/13	50/16	2/2	4851	650/17	3220	261	517	1595	656	533	2133	599	-384	1408	149	899	149	3087	0
712	63/15	1062/15	2/1	391	1138/17	3219	267	759	302	537	838	2085	677	-761	2927	88	1487	511	123	0
454	233/12	516/14	2/2	1821	239/17	3219	267	683	684	184	2880	2642	73	-947	3424	152	877	506	130	0
391	1200/15	1000/14	1/1	391	377/17	3217	269	674	743	600	660	2356	287	-1022	3545	279	193	330	1394	0
391	1200/15	1523/14	2/2	391	655/17	3216	270	817	114	433	1263	2495	169	-1040	3577	130	1065	381	852	0
712	233/15	361/14	2/1	712	123/17	3215	271	715	522	668	507	1982	879	-337	1239	-93	3454	281	1918	0
4851	68/14	269/16	2/2	4851	693/17	3214	272	272	2969	938	32	1625	1794	-47	381	334	100	92	3469	0



$$MW+M = A + CR + G + M + S + W$$



# 2017 Born Coopworth Rams

## Top 300 October 2018 SINGLE STEP



Report Flocks **391, 403, 454, 528, 689, 712, 719, 904, 1009, 1084, 1115, 1138, 1139, 1194, 1207, 1425, 1481, 1726, 1735, 1821, 1828, 2383, 2415, 2477, 2492, 2638, 2657, 2897, 2967, 3110, 3455, 4774, 4797, 4830, 4851, 4967**

Flock Prefix **Multiple Flocks**

Flock Owner

Period **2017**

Sire Flk	Sire Tag	Dam Tag	B/RR	Flock	Ram Tag	*MW+M	Rnk	*DPCR	Rnk	*DPS	Rnk	*DPG	Rnk	*DPA	Rnk	*DPM	Rnk	*DPW	Rnk	No.Prog
4851	68/14	28/16	2/2	4851	<b>843/17</b>	<b>3212</b>	273	<b>368</b>	2480	<b>723</b>	395	<b>1838</b>	1236	<b>-183</b>	737	<b>218</b>	413	<b>249</b>	2232	0
4851	181/14	568/15	2/2	4851	<b>638/17</b>	<b>3211</b>	274	<b>207</b>	3255	<b>907</b>	59	<b>1608</b>	1836	<b>172</b>	121	<b>264</b>	240	<b>52</b>	3654	0
1425	293/16	191/16	2/2	1425	<b>576/17</b>	<b>3211</b>	274	<b>547</b>	1429	<b>562</b>	776	<b>1961</b>	932	<b>-348</b>	1292	<b>72</b>	1653	<b>417</b>	558	0
1138	11/15	209/15	2/2	4774	<b>739/17</b>	<b>3210</b>	276	<b>388</b>	2363	<b>263</b>	2370	<b>2454</b>	197	<b>-545</b>	2065	<b>233</b>	346	<b>417</b>	558	0
391	553/14	35/16	2/2	4797	<b>734/17</b>	<b>3208</b>	277	<b>528</b>	1535	<b>282</b>	2218	<b>2346</b>	294	<b>-525</b>	1990	<b>220</b>	403	<b>356</b>	1107	0
1425	231/14	120/12	2/2	689	<b>1517/17</b>	<b>3208</b>	277	<b>662</b>	806	<b>301</b>	2053	<b>2074</b>	695	<b>-363</b>	1333	<b>91</b>	1454	<b>443</b>	363	0
4851	246/13	99/15	2/2	4851	<b>358/17</b>	<b>3208</b>	277	<b>627</b>	1019	<b>603</b>	656	<b>2101</b>	645	<b>-503</b>	1893	<b>250</b>	278	<b>130</b>	3222	0
4851	181/14	534/15	2/2	4851	<b>599/17</b>	<b>3207</b>	280	<b>211</b>	3239	<b>837</b>	155	<b>1646</b>	1743	<b>-173</b>	708	<b>275</b>	202	<b>412</b>	606	0
4851	246/13	682/15	3/2	4851	<b>524/17</b>	<b>3206</b>	281	<b>581</b>	1255	<b>825</b>	177	<b>2174</b>	539	<b>-638</b>	2453	<b>184</b>	625	<b>80</b>	3548	0
4797	38/15	789/14	2/2	4797	<b>144/17</b>	<b>3206</b>	281	<b>661</b>	815	<b>296</b>	2129	<b>1965</b>	924	<b>-333</b>	1225	<b>249</b>	283	<b>367</b>	987	0
391	1241/15	55/16	1/1	391	<b>2019/17</b>	<b>3203</b>	283	<b>709</b>	552	<b>337</b>	1826	<b>2300</b>	352	<b>-495</b>	1865	<b>26</b>	2283	<b>326</b>	1442	0
2477	260/15	275/15	2/2	2477	<b>112/17</b>	<b>3202</b>	284	<b>564</b>	1331	<b>341</b>	1794	<b>1728</b>	1505	<b>181</b>	115	<b>44</b>	2052	<b>343</b>	1240	0
1425	231/14	908/13	2/2	689	<b>3117/17</b>	<b>3201</b>	285	<b>580</b>	1261	<b>387</b>	1526	<b>1743</b>	1462	<b>-62</b>	410	<b>276</b>	200	<b>278</b>	1949	0
4797	38/15	199/15	2/2	4797	<b>140/17</b>	<b>3201</b>	285	<b>763</b>	281	<b>372</b>	1597	<b>2475</b>	186	<b>-1037</b>	3569	<b>235</b>	336	<b>393</b>	744	0
712	233/15	112/13	2/2	712	<b>396/17</b>	<b>3200</b>	287	<b>493</b>	1711	<b>801</b>	235	<b>2254</b>	402	<b>-913</b>	3343	<b>94</b>	1416	<b>470</b>	239	0
712	464/15	440/15	1/1	712	<b>391/17</b>	<b>3199</b>	288	<b>697</b>	619	<b>700</b>	445	<b>1756</b>	1432	<b>-474</b>	1781	<b>193</b>	575	<b>327</b>	1428	0
712	168/15	198/16	2/2	712	<b>693/17</b>	<b>3199</b>	288	<b>682</b>	688	<b>947</b>	27	<b>1131</b>	2988	<b>122</b>	159	<b>57</b>	1864	<b>260</b>	2119	0
4774	251/16	11/15	2/2	4774	<b>518/17</b>	<b>3196</b>	290	<b>375</b>	2438	<b>341</b>	1794	<b>2631</b>	80	<b>-796</b>	3055	<b>234</b>	342	<b>411</b>	612	0
712	464/15	441/15	3/3	712	<b>485/17</b>	<b>3194</b>	291	<b>776</b>	231	<b>711</b>	425	<b>1843</b>	1224	<b>-554</b>	2101	<b>58</b>	1846	<b>360</b>	1059	0
4851	246/13	433/16	2/2	4851	<b>739/17</b>	<b>3193</b>	292	<b>483</b>	1786	<b>717</b>	407	<b>2248</b>	411	<b>-470</b>	1763	<b>99</b>	1362	<b>116</b>	3311	0
403	511/16	850/15	1/1	403	<b>98/17</b>	<b>3193</b>	292	<b>417</b>	2207	<b>225</b>	2626	<b>2765</b>	41	<b>-940</b>	3409	<b>280</b>	188	<b>446</b>	352	0
1425	293/16	58/13	2/2	1425	<b>218/17</b>	<b>3192</b>	294	<b>642</b>	932	<b>528</b>	879	<b>1109</b>	3019	<b>196</b>	108	<b>4</b>	2613	<b>714</b>	4	0
712	464/15	220/15	1/1	712	<b>509/17</b>	<b>3189</b>	295	<b>738</b>	380	<b>846</b>	138	<b>1237</b>	2777	<b>-57</b>	393	<b>104</b>	1303	<b>320</b>	1514	0
689	377/16	294/15	2/2	689	<b>8817/17</b>	<b>3189</b>	295	<b>649</b>	891	<b>487</b>	1032	<b>1358</b>	2500	<b>139</b>	144	<b>120</b>	1150	<b>436</b>	409	0
1138	197/15	55/15	2/2	1138	<b>546/17</b>	<b>3185</b>	297	<b>428</b>	2144	<b>357</b>	1680	<b>1945</b>	970	<b>-256</b>	972	<b>393</b>	37	<b>317</b>	1551	0
4797	38/15	121/14	1/1	4851	<b>152/17</b>	<b>3185</b>	297	<b>558</b>	1376	<b>340</b>	1808	<b>2233</b>	434	<b>-347</b>	1285	<b>151</b>	886	<b>249</b>	2232	0
1138	245/14	758/14	1/1	1138	<b>433/17</b>	<b>3183</b>	299	<b>307</b>	2807	<b>477</b>	1061	<b>2096</b>	655	<b>-125</b>	558	<b>206</b>	474	<b>223</b>	2506	0
4774	64/15	24/15	2/1	3455	<b>1039/17</b>	<b>3182</b>	300	<b>561</b>	1355	<b>183</b>	2886	<b>2598</b>	94	<b>-965</b>	3456	<b>246</b>	296	<b>559</b>	65	0

