

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2023**

ST	Name of Bull	Registration Number	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot
A	JX CDF JLS PILGRIM THRASHER {6}-ET	840003006436075	F	JNS-TF	7JE1758	212	116	5,487	99	1768	-0.05	74	0.02	69
A	JX PRIMUS ENZO CHATHAM {4}-ET	840003200210433	F	JNS-TF	7JE1789	211	32	416	98	2078	-0.10	78	-0.10	52
A	JX AVI-LANCHE HOTLINE RHODES {5}	840003148507743	F	JNSC	7JE1879	168	18	86	93	1002	0.08	66	0.08	54
A	JX TWINRIDGE ALTASASSO {4}-ET	840003207538047	F	JNS-TF	11JE7161	164	4	10	83	961	0.11	70	0.08	52
A	KASH-IN SUGAR DADDY-ET	840003149286929	F	JNS-TF	551JE1798	162	25	202	96	865	0.20	87	0.11	57
F	ISDK VJ HOEMLUND GISLEV GIANT	DNK 000304608	F	JNS-TF	236JE5006	160	261	1,028	88	-443	0.46	75	0.20	26
A	JX DODAN LH TROOPER {4}	840003203116924	F	JNS-TF	29JE4204	156	24	396	97	1068	0.02	56	0.04	48
F	ISDK VJ TUDVAD SAMSON STENO	DNK 000304715	F	JNS-TF	236JE4715	154	303	1,446	88	305	0.27	74	0.13	40
A	JX PRIMUS FOURNETTE CARDIFF {4}-ET	840003200135525	F	JNS-TF	7JE1786	153	25	197	96	1032	-0.18	9	-0.03	31
A	TOG BRONZE 36673-ET	840003149715762	F	JNS-TF	97JE200	153	12	143	95	1024	0.00	49	-0.03	30
A	S-S-I VICTORY DASHIELL RENFROW-ET	840003203866923	F	JNSC	7JE1800	152	42	423	97	391	0.25	74	0.13	42
A	FOREST GLEN JIGGY JALAPENO-ET	USA 067650510	F	JNS-TF	551JE1829	150	3	21	87	1112	0.02	59	0.05	53
A	ISDK VJ RAASTRUP HIHL GISLEV	DNK 000304171	F	JNS-TF	236JE226	150	623	2,674	99	-90	0.28	55	0.16	31
F	ISDK HOHOLT GATES GOOGLE	DNK 000304819	F	JNS-TF	236JE4819	150	293	1,419	88	-975	0.34	22	0.21	6
A	PRIMUS CHROME CARBINE-ET	USA 173827033	F	JNSC	7JE1882	149	13	36	89	370	0.08	35	0.03	21
A	JX AHLEM FRISCO PINE {6}-ET	USA 067823956	F	JNS-TF	7JE1699	148	219	4,804	99	485	0.07	38	0.11	41
A	JX JER-Z-BOYZ SSI GOALS {5}-P-ET	USA 173862773	F	JNS-TF	7JE1899	147	5	39	89	878	-0.05	31	-0.01	31
A	JX RIVER VALLEY CHIEF {6}-ET	USA 075341195	F	JNS-TF	777JE10034	144	269	6,060	99	2013	-0.02	92	-0.07	57
A	JX FOREST GLEN MONUMENT SULLY {6}	USA 119889365	F	JNS-TF	97JE165	144	18	331	97	1271	-0.12	35	-0.06	32
A	JX SUNSET CANYON GOT MAID {5}-ET	USA 119407594	F	JNS-TF	551JE1650	143	332	5,322	99	1580	-0.04	68	0.02	63
A	PROGENESIS SPIRAL-ET	840003209774571	F	JNS-TF	777JE1248	143	16	86	93	1840	-0.07	73	-0.02	62
A	JX CAL-MART WESTPORT {5}-ET	USA 067374603	F	JNS-TF	29JE4117	142	135	2,839	99	328	0.21	61	0.12	38
A	JX AHLEM CHROME COLGATE {6}	840003202631159	F	JNS-TF	14JE1876	141	27	164	95	1341	-0.04	55	-0.01	46
A	TOG ORBICULARIS-ET	840003203347248	F	JNS-TF	97JE203	140	11	19	85	672	-0.02	28	0.12	50
A	PRIMUS CRAZE STARLORD-ET	840003141725644	F	JNS-TF	7JE1726	139	145	2,713	99	393	0.12	45	0.01	16
F	DNK VJ BYBMOSE SAMSON SORT	DNK 000304720	F	JNS-TF	236JE4720	139	310	2,060	88	-932	0.51	59	0.23	12
A	KASH-IN SUAVECITO-ET	840003149286905	F	JNS-TF	551JE1796	137	23	127	94	715	0.11	58	0.09	45
F	DNK VJ ALSTRUP LUCK LUXI	DNK 000304717	F	JNS-TF	236JE4717	136	333	2,616	88	-393	0.35	55	0.20	27
F	ISDK VJ JUULSGAARD GISLEV GATES	DNK 000304544	F	JNS-TF	236JE4544	136	469	2,575	89	-374	0.15	13	0.12	12
A	JX FARIA BROTHERS ASENSIO {4}-ET	840003140305961	F	JNS-TF	551JE1710	134	27	198	96	937	0.08	63	0.07	50
A	JX KASH-IN GOT JIGGY {6}-ET	840003138463636	F	JNS-TF	551JE1717	133	155	4,127	99	1205	0.08	76	0.05	55
A	AHLEM KUSAFIRI	840003202631080	F	JNS-TF	777JE1244	133	25	282	96	1346	-0.10	43	0.02	53
A	JX SEXING GM PADDOCK {4}-ET	840003146617430	F	JNS-TF	551JE1766	132	16	248	96	1197	-0.08	41	0.04	52
F	ISDK VJ GAMMELGAARD HAARE HABBIT	DNK 000304650	F	JNS-TF	236JE4650	132	177	460	88	-546	0.37	50	0.22	25
A	PRIMUS COMANCHE KESTREL-P-ET	840003006436131	F	JNS-TF	7JE1630	130	32	133	96	2782	-0.34	53	-0.15	67
F	ISDK VJ HAUGSTEDGAARD CHOKOCHIEF	DNK 000304865	F	JNS-TF	236JE4865	130	196	713	88	-584	0.38	50	0.21	23
A	JX SEXING BERRARA GO ON {4}-ET	840003146619661	F	JNS-TF	551JE1824	128	7	63	92	606	0.06	42	0.03	28
F	ISDK VJ KJOELB GISLEV GUTZ	DNK 000304577	F	JNS-TF	236JE5003	128	684	3,181	89	74	0.33	75	0.11	26
F	ISDK VJ GROENBJERG LOBO LOBSTER	DNK 000304580	F	JNS-TF	236JE4580	127	314	1,181	89	-1264	0.53	44	0.27	7
A	DUPAT DILLAN RAIDER-P-ET	840003127607534	F	JNS-TF	147JE6226	126	9	90	95	543	-0.05	15	-0.02	15
A	JER-Z-BOYZ BULWURX-P-ET	USA 173642865	F	JNSC	14JE1810	124	32	167	95	152	0.28	67	0.10	28
F	ISDK VJ SNEDDTDD KLOV KANTONA	DNK 000304771	F	JNS-TF	236JE4771	122	340	1,581	88	-504	0.21	20	0.16	15
A	JX PINE-TREE ENZO DAVID 1908 {4}-ET	USA 067771908	F	JNS-TF	551JE1757	121	33	234	96	1567	-0.05	65	0.03	64
F	ISDK VJ BOWMAN LASKY LASTER-ET	DNK 000304827	F	JNS-TF	236JE4827	120	294	1,512	88	-907	0.33	24	0.17	2
A	PROMETEDOR LOOT-ET	USA 067119938	F	JNS-TF	777JE1138	119	89	1,512	99	1083	0.16	89	0.11	64
A	PINE-TREE CHROME DETECTIVE 2019 {6}-ET	USA 075812019	F	JNSC	551JE1769	118	20	134	95	965	-0.03	40	0.05	46
A	JX FARIA BROTHERS TOBASCO {4}-ET	840003144724629	F	JNS-TF	97JE189	117	7	57	91	341	0.15	50	0.09	31
A	JX SEXING CRAZE QUICKSTEP {5}-ET	840003203845428	F	JNS-TF	551JE1759	117	7	54	90	516	0.13	53	0.00	20
F	ISDK VJ AGERDAL GISLEV GARANT	DNK 000304576	F	JNS-TF	236JE5002	117	272	1,128	89	-452	0.31	42	0.15	15
A	ISDK VJ HAVDAL LAPPE DEE {6}	DNK 000304164	F	JNS-TF	236JE224	117	418	1,228	95	-1343	0.71	77	0.32	14
A	PEAK RAZOR SHARP-ET	840003206963192	F	JNS-TF	1JE7141	115	6	50	91	584	0.13	57	0.08	39
F	ISDK VJ ADELGAARD HOVE SAMSON	DNK 000304415	F	JNS-TF	236JE257	114	402	2,343	89	8	0.23	49	0.09	20
A	PINE-TREE CHROME NAVIDAD {6}-ET	USA 067771942	F	JNS-TF	7JE1792	113	80	1,401	99	2274	-0.06	96	-0.01	82
F	ISDK VJ OSTERGAARD HJERN HOVE	DNK 000303987	F	JNS-TF	236JE207	112	227	578	88	-733	0.54	76	0.20	14
F	ISDK VJ AARRE LAPPE LARI	DNK 000304158	F	JNS-TF	236JE222	112	497	1,552	89	-380	0.24	31	0.13	13

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CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
789	779	2.95	4.8	3.6	2.6	97	7.1	80	2,537	99	0.6	2.0	1.6	0.1	L0.1	0.9	S1.1	0.0	0.9	-1.0	-0.1	1.1	0.0	C1.5	L1.4	C1.0	B0.1	6.8
854	857	2.84	6.7	1.2	0.0	87	8.0	18	137	94	1.3	0.3	0.2	0.5	L0.5	-0.1	P0.2	S0.5	2.3	1.1	0.2	-0.7	S2.0	C1.0	S0.6	C0.3	C1.6	18.6
656	638	2.78	4.5	0.1	-1.6	74	8.0	10	46	89	0.2	1.1	1.0	0.2	L0.4	0.8	P0.1	0.0	0.6	-0.9	-0.9	-0.5	D0.1	W0.3	S0.7	W0.1	C1.2	6.3
628	616	3.05	2.3	0.5	0.0	72	6.1	0	0	79	1.4	2.7	0.2	1.6	H0.6	0.5	P0.1	S0.7	2.5	1.5	-0.1	0.7	S2.2	C1.8	L0.6	C1.4	B0.2	19.4
662	643	2.89	3.3	-0.7	-2.7	82	8.9	13	157	95	1.2	1.7	1.5	1.1	H1.1	0.9	P0.9	S0.7	0.5	0.7	1.2	0.2	D0.9	C0.7	L1.1	0.0	B1.1	10.3
588	558	2.60	1.8	0.1	0.8	78	2.7	122	492	81	-0.9	-1.1	0.3	-1.1	L1.3	-0.5	S0.6	S0.3	0.2	-0.6	-0.7	-0.4	S1.2	W0.4	S0.2	W0.7	C0.4	9.8
602	591	2.91	3.6	0.8	-0.1	86	9.3	11	139	94	1.2	0.6	0.5	1.2	L0.7	0.9	P0.4	S0.7	0.7	0.9	0.8	1.0	S0.2	C1.7	0.0	C1.7	B0.1	12.0
659	642	3.04	2.1	1.0	2.9	78	3.6	147	701	81	-0.6	0.0	-0.3	0.0	H0.5	-0.9	S0.1	S0.4	-0.6	-1.5	-1.1	-1.4	D0.3	W1.3	L0.1	W1.7	C0.4	1.2
535	532	2.85	6.9	2.7	2.7	84	8.3	14	82	92	1.2	0.8	-0.2	-0.2	H0.2	0.4	P0.7	S0.9	2.9	2.1	-0.4	-0.5	S3.7	W1.2	L0.9	W1.8	B0.2	18.7
664	660	2.81	6.3	4.5	1.7	83	7.0	9	82	93	0.2	-0.4	0.7	-0.5	L0.5	-0.5	S0.2	S0.9	0.8	-0.2	-0.9	0.4	S0.5	C0.2	L0.2	C0.1	C0.3	10.1
619	603	3.05	3.7	1.4	1.7	85	8.0	20	112	93	0.9	0.6	1.4	1.6	H0.8	1.6	S1.1	0.0	-0.2	-0.5	1.1	0.3	D1.9	C1.2	S0.3	C1.2	C0.5	4.2
701	688	2.89	5.1	0.6	-2.3	75	9.5	1	5	82	0.8	-0.6	0.1	0.6	H1.6	0.0	P0.5	S0.5	0.7	0.1	0.2	0.2	S0.4	C1.3	S0.9	C0.9	B0.3	10.8
513	488	2.71	1.4	0.2	1.8	89	3.4	248	1,129	97	-0.3	0.7	0.5	-0.3	L1.2	-0.8	S0.1	S0.4	0.2	-0.1	-1.9	0.3	S2.5	W0.5	S0.9	0.0	C1.2	11.6
559	531	2.64	6.0	2.1	4.4	81	3.7	130	576	81	-0.7	-2.0	-0.8	-1.1	H2.2	-1.0	S0.6	L0.1	0.8	0.5	-0.1	0.4	S2.5	W0.9	S3.2	C0.7	C0.9	14.7
535	524	2.71	4.6	0.0	1.9	76	9.2	8	30	88	1.4	0.3	-1.1	0.1	H0.4	-0.3	P0.2	S0.2	2.7	1.8	0.2	0.7	S3.0	C1.4	L0.4	C0.7	B0.4	20.8
508	495	3.11	4.0	1.6	1.6	97	9.8	109	1,653	99	1.0	3.4	0.3	0.6	H0.9	0.6	P0.2	S0.9	2.5	1.4	-0.6	-0.5	S3.3	W0.2	L0.2	W1.5	C0.1	18.4
619	615	2.92	7.1	4.0	2.1	74	6.5	4	32	88	0.8	-0.5	0.2	0.4	0.0	-0.3	S0.5	L0.9	0.8	0.7	-0.3	-1.0	S0.2	W0.5	L0.6	W1.0	B0.4	10.7
772	773	2.93	3.2	-4.6	-4.9	98	8.0	202	3,721	99	2.4	-0.2	-1.0	3.1	0.0	-1.0	P0.7	S0.2	0.9	3.6	2.5	1.3	D0.9	C1.6	L0.9	C1.3	B1.7	16.0
491	494	2.94	4.2	1.9	3.3	89	7.8	6	52	91	0.4	0.3	0.6	0.7	H0.3	0.5	S1.2	L0.6	0.8	1.0	0.9	0.0	D1.0	W1.0	L1.2	W2.1	C0.3	9.9
640	628	2.82	3.6	-2.5	-3.7	98	8.9	143	2,677	99	0.5	0.1	0.7	1.0	H0.8	0.0	P0.6	S0.7	0.3	-0.8	0.3	-0.6	D0.7	0.0	0.0	W0.7	C1.2	6.5
678	671	2.86	3.5	-2.3	-4.5	74	8.5	8	34	88	1.9	1.1	0.1	2.3	H0.3	0.4	P0.1	S0.3	1.6	2.7	1.7	0.1	D0.3	C1.0	L0.8	C0.7	B0.7	17.8
621	600	2.75	3.8	1.9	-0.4	96	8.1	94	1,788	99	1.3	0.3	0.6	1.0	H0.6	0.3	P0.5	S0.8	1.7	1.4	-0.2	-1.0	S0.7	C1.7	L0.7	C0.3	B0.8	14.3
491	485	2.89	1.9	-1.2	0.3	77	8.5	14	110	93	1.9	2.3	0.2	1.5	H0.2	1.0	S0.4	S0.5	2.2	1.3	1.3	1.6	S1.6	C2.3	0.0	C2.3	B0.3	18.1
529	506	2.69	3.1	0.1	0.7	70	7.2	6	7	82	0.4	-0.5	0.6	0.7	L0.6	0.3	0.0	S0.3	0.5	0.5	0.9	0.6	D0.5	C1.7	S1.3	C1.0	C0.2	9.4
561	556	2.88	5.9	3.1	1.1	96	7.5	70	710	98	1.2	0.8	0.0	-0.1	L0.3	-0.3	P0.3	S1.1	2.0	1.3	0.3	0.6	S2.5	C1.5	L1.4	C1.0	B0.1	19.5
440	413	2.79	2.0	-0.6	4.6	80	3.3	149	894	80	-0.5	0.6	0.4	-1.1	H0.4	0.2	P0.1	S0.1	0.9	-1.2	-1.0	-1.4	S2.2	C0.4	S2.0	W0.8	C1.5	9.6
552	537	2.90	4.3	-0.4	-1.9	77	9.5	9	56	91	0.7	1.3	0.9	0.5	H1.0	0.7	0.0	S0.4	0.6	0.2	0.2	0.7	S0.2	C1.1	L0.6	C0.6	B0.8	10.1
532	506	2.79	2.7	0.4	2.1	79	3.6	165	1,167	81	-0.7	-1.7	0.2	-0.8	L0.2	-0.2	S0.1	L0.6	-0.2	-0.8	0.0	-0.6	D0.4	W0.3	S0.6	W0.9	C0.7	5.6
460	439	2.62	4.9	1.3	3.8	78	2.4	193	1,134	80	-0.5	-0.5	-0.5	-1.1	0.0	-1.0	S0.5	S0.1	1.6	-0.1	-1.4	-0.6	S4.1	W1.2	S1.1	W1.0	C0.9	10.0
514	503	3.04	1.9	-2.9	-1.8	85	7.5	11	64	91	0.7	1.7	0.4	0.8	L0.6	0.4	P0.1	0.0	1.4	0.9	-0.2	-0.9	S1.3	W0.6	S0.4	W1.4	C0.8	14.5
661	649	2.92	4.7	0.4	-5.0	97	9.2	93	2,304	99	0.7	0.4	1.1	1.1	H1.6	0.6	P0.6	S0.4	-0.7	-0.3	0.7	-0.1	D1.3	C0.3	S0.4	C0.2	0.0	5.8
458	452	3.03	2.4	-1.3	-1.8	83	8.0	11	103	92	1.9	2.9	0.6	1.4	H0.5	1.2	P0.6	S0.8	3.6	1.9	0.4	-0.4	S2.9	C1.5	S1.2	C0.8	C0.8	21.5
474	464	2.94	2.9	0.1	-0.5	85	7.7	6	42	88	0.7	1.5	1.2	0.6	L0.1	0.8	P0.9	S1.6	1.6	0.2	0.3	-0.5	S0.9	C0.4	L0.4	W0.3	C1.1	14.2
361	339	3.06	-0.4	-1.6	4.7	76	3.5	98	236	80	-0.2	2.1	-0.2	0.5	H0.1	0.6	P0.1	S0.6	0.4	-0.4	-0.7	-0.2	S2.7	W0.7	L0.1	W0.8	C1.1	12.7
621	634	3.15	3.7	1.6	-1.6	84	9.2	19	76	93	0.1	-0.3	0.8	0.2	L0.9	0.0	P0.5	0.0	-1.0	0.5	0.7	0.3	D1.5	W0.8	S0.3	W1.2	B1.3	4.8
478	454	2.94	2.2	-0.2	1.1	78	3.3	66	214	81	-0.3	-0.8	-0.2	-0.6	H0.3	-0.6	S0.7	S0.2	0.8	-0.6	-0.6	0.1	S1.9	W0.4	S1.8	C0.4	C1.5	11.6
573	566	2.89	5.6	1.8	-1.7	74	8.3	2	37	88	1.8	0.4	-0.3	1.2	H0.1	-0.1	P0.8	S1.1	2.6	1.8	0.6	0.3	S2.6	C0.9	L0.5	C0.2	B0.2	23.0
606	591	2.92	1.1	-0.2	0.4	80	3.1	232	1,296	81	-0.2	-0.5	-1.2	0.9	L0.2	-1.6	S0.1	L0.5	-1.0	0.2	0.3	0.7	S1.2	C1.3	S1.1	C1.3	C0.2	9.4
435	407	2.87	2.6	0.8	4.6	78	2.1	142	530	85	-0.7	-1.0	-0.1	-1.1	L0.1	-0.6	P0.6	S0.3	0.4	-1.0	-1.5	-0.5	S1.4	0.0	S0.8	C0.4	C1.0	8.4
514	512	2.87	5.7	1.8	3.3	82	8.6	3	66	92	0.1	-1.0	-1.1	0.1	L1.3	-1.6	P0.5	L0.1	0.6	0.8	-0.4	-0.6	S1.7	W1.0	0.0	W0.6	B0.2	14.5
668	652	2.83	4.1	0.2	-3.3	82	8.6	17	70	90	1.5	-0.8	-1.0	1.7	H0.2	-1.2	S0.4	S0.9	1.4	2.9	0.5	0.8	S1.7	C0.3	S0.6	W0.2	B0.9	20.7
364	343	2.83	2.5	0.2	4.3	81	3.1	144	616	81	-0.2	-0.7	0.0	-1.0	H0.8	-0.6	P0.2	S0.7	1.0	-1.3	-1.6	-1.2	S2.8	W2.4	S0.8	W3.1	C0.6	7.7
548	541	3.08	1.7	-0.1	-3.6	84	8.4	15	53	90	1.8	2.6	1.2	2.0	H0.3	0.7	P0.6	S1.5	1.9	1.7	1.3	0.1	S0.9	C0.3	L0.1	C0.2	C0.1	19.9
406	384	2.74	3.6	2.1	4.4	80	3.4	120	532	79	-0.7	-1.4	-0.4	-1.5	H1.6	-1.2	0.0	S0.4	0.5	-1.6	-1.3	-1.0	S2.1	W1.2	L0.7	W2.2	C0.1	8.1
581	569	3.24	1.4	-1.4	-3.2	95	8.9	40	643	99	0.4	3.5	0.7	1.5	L0.9	0.8	S0.2	L0.3	-0.3	0.9	0.6	-0.4	D0.5	W1.3	L0.9	W1.4	C0.3	8.6
478	467	2.95	2.1	0.4	-0.1	81	8.9	9	75	91	1.8	1.2	0.1	2.3	H1.3	0.8	S0.9	S0.2	1.6	1.0	1.5	1.1	S0.4	C2.0	S0.2	C1.8	C0.4	14.7
519	506	2.90	1.9	0.0	0.0	75	6.8	3	21	85	0.3	-1.7	-0.6	-0.5	H0.7	-0.7	P0.2	S0.2	1.4	-0.3	-1.6	0.1	S1.0	C0.2	L0.1	W0.1	C0.1	11.4
569	567	3.02	4.5	1.7	0.6	76	7.4	2	6	82	1.2	-0.5	-1.0	0.8	H0.2	-0.3	S0.6	L0.3	0.8	1.5	0.0	1.2	S1.1	C0.2	L1.2	C1.0	B0.5	14.3
308	289	2.83	0.7	-1.7	3.0	81	3.5	121	429	82	0.3	2.0	0.5	0.1	L0.4	0.5	P0.4	S0.6	1.9	0.4	0.0	-0.2	S4.2	C0.8	S1.1	C0.2	C1.2	14.0
472	439	2.90	0.3	0.9	2.3	84	2.3	181	619	92	-0.2	-0.5	1.0	-0.4	L0.6	-0.1	P0.2	S0.3	-0.1	-0.7	-0.4	0.7	S0.5	C1.2	L0.8	C0.6	B0.3	7.2
550	535	2.87	4.0	0.2	-1.7	74	8.8	1	2	81	0.2	-0.4	0.4	0.4	H0.7	0.3	S1.1	L0.9	0.2	0.0	-0.1	-0.7	D1.5	C0.2	L0.1	W0.2		

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2023**

ST	Name of Bull	Registration Number	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot
F	ISDK VJ BLANKE JASON JANKO	DNK 000303787	C	JNS-TF	236JE252	112	575	2,238	90	-839	0.34	29	0.17	3
A	AHLEM CRAZE CHESTNUT 24050-ET	840003144728245	F	JNS-TF	100JE7411	111	7	37	91	552	0.09	47	0.06	33
A	VIERRA BOBDYLAN	840003200644064	F	JNS-TF	97JE199	110	7	25	87	886	0.01	46	0.03	39
F	ISDK VJ JUULSGAARD WILLEM WILDER	DNK 000304654	F	JNS-TF	236JE4654	110	252	935	88	-956	0.43	41	0.22	9
F	ISDK VJ HOEHOLT JERN JAMES	DNK 000304302	F	JNS-TF	236JE248	109	543	2,507	93	-640	0.40	51	0.20	17
F	ISDK VJ RAVNINGGAARD HUUS HAMLET	DNK 000304607	F	JNS-TF	236JE4607	109	548	3,159	91	-576	0.20	14	0.15	10
A	BAR MB CRAZE CASTRO	840003151584695	F	JNS-TF	14JE1762	108	75	949	99	1155	-0.05	45	-0.02	38
A	ROWLEYS 1996 DANIEL TUCKER {6}-ET	840003201928443	F	JNS-TF	7JE1816	107	31	212	96	445	0.01	24	0.07	32
A	ISDK VJ DROSTRUPGAARD LUSAKA	DNK 000304035	F	JNS-TF	236JE171	107	235	656	92	121	0.30	71	0.11	28
A	JX TAYLOR BROTHERS GM MACEO {4}-ET	840003132356546	F	JNS-TF	551JE1752	106	4	58	91	837	0.10	62	0.05	42
F	ISDK VJ UDBY LARI LASKY	DNK 000304566	F	JNS-TF	236JE4566	105	374	1,535	89	500	0.04	32	0.01	20
F	ISDK VJRAVINGGAARD SVITZER SVICK	DNK 000304721	F	JNS-TF	236JE4721	105	352	2,584	89	-1187	0.51	45	0.23	2
A	JX VIERRA ELVIS {6}-ET	840003200644037	F	JNS-TF	200JE1210	104	9	63	92	546	0.19	68	0.10	41
F	DNK OUSTRUP POWELL ALBERT	DNK 000304864	F	JNS-TF	236JE4864	104	13	25	82	-299	0.36	62	0.20	31
A	AVI-LANCHE KIAWA DIMITRI-P-ET	840003148506979	C	JNS-TF	7JE1814	104	58	741	98	20	0.24	53	0.11	24
A	JX FARIA BROTHERS HAYWARD {4}-ET	840003140371525	F	JNS-TF	97JE174	104	37	913	99	351	0.12	44	0.04	21
F	ISDK VJ HORN	DNK 000303496	F	JNS-TF	236JE177	104	63	86	86	-807	0.46	56	0.20	12
F	ISDK VJ SKILVAD DAU DANDI	DNK 000304614	F	JNS-TF	236JE5001	103	560	3,082	90	-747	0.46	59	0.18	10
A	JX FARIA BROTHERS PRINCE {4}-ET	840003200648785	F	JNS-TF	97JE196	101	2	23	87	443	0.09	41	0.09	35
A	JX SEXING HATARI PRATO {4}-ET	840003007971576	F	JNS-TF	551JE1719	100	7	80	92	1378	-0.11	42	0.03	57
F	ISDK VJ ENGBJERG HAZARD HERO	DNK 000304419	C	JNS-TF	236JE259	100	322	1,549	88	-69	0.28	55	0.10	19
F	ISDK VJ RAVNINGGAARD HAZARD	DNK 000303970	F	JNS-TF	236JE254	100	372	1,240	89	-598	0.41	56	0.16	12
F	ISDK VJ GYVELBORG HIHL GYVEL	DNK 000304163	F	JNS-TF	236JE223	100	371	980	89	-349	0.17	18	0.11	11
F	ISDK VJ GUNDESTRUP HJORRI HIGHER	DNK 000304604	F	JNS-TF	236JE5005	97	440	2,269	89	-581	0.36	47	0.18	15
A	SEXING HUXFORD-ET	840003203845449	F	JNS-TF	551JE1765	96	35	210	95	924	-0.05	33	0.00	33
A	RIVER VALLEY PFENNIG PERFECT FIT	840003009997718	F	JNS-TF	147JE6213	96	9	132	96	569	0.11	51	0.03	28
F	ISDK VJ MOSEGAARD HILARIO HAARE	DNK 000304229	F	JNS-TF	236JE229	96	186	360	88	-5	0.19	41	0.13	28
F	ISGB GRAHAMS GOLDTOP-ET	GBR 178402906	F	JNS-TF	522JE1727	96	44	312	85	149	0.21	53	0.10	27
F	ISDK VJ HAUGSTEDGAARD HORST	DNK 000303706	F	JNS-TF	236JE251	96	103	183	88	-708	0.41	51	0.18	11
A	SANDCREEKS D LARS COLOMBIA278-ET	840003134637593	F	JNS-TF	100JE7410	95	6	123	95	664	-0.04	23	0.01	26
A	DUPAT DILBERT-P-ET	840003127607529	F	JNS-TF	97JE195	95	41	126	92	328	-0.04	7	0.00	12
F	ISDK VJ LUKOWA	DNK 000303732	F	JNS-TF	236JE160	95	214	467	87	-913	0.47	52	0.18	4
A	YOSEMITE KW MASTERS DEGREE-ET	840003131274413	F	JNS-TF	100JE7398	93	13	65	93	185	0.11	33	0.06	19
F	ISDK VJ BOMAN LASKY LANDO-ET	DNK 000304828	F	JNS-TF	236JE4828	93	259	1,042	88	-671	0.29	28	0.13	3
A	ISDK VJ BALSLEV LOBO CHOKO	DNK 000304568	F	JNS-TF	236JE4568	92	515	2,278	95	-313	0.30	48	0.18	26
A	JX SEXING GALLANTRY {4}-ET	840003203845448	F	JNS-TF	551JE1762	91	68	1,600	99	2029	-0.07	83	-0.03	68
A	JX PINE-TREE ENZO ANDRE 1962 {4}-ET	USA 067771962	F	JNS-TF	551JE1778	91	4	12	84	1365	0.01	68	-0.02	45
F	ISDK VJ ADELGAARD HIHL HIWE	DNK 000304155	F	JNS-TF	236JE220	91	422	1,545	89	-871	0.48	56	0.23	14
F	ISDK VJ KLOVBORG HJORT KLOV {6}	DNK 000304276	F	JNS-TF	236JE243	89	252	928	88	-94	0.18	34	0.10	18
A	WETUMPKA LISTOWEL NIGEL-PP	USA 067339324	F	JNS-TF	566JE109	88	26	43	89	421	0.02	25	0.03	22
F	ISDK VJ JUULSGAARD KLOV KLIBER	DNK 000304667	F	JNS-TF	236JE4667	88	188	703	88	15	0.14	30	0.10	22
F	ISDK VJ ALSTRUP HICKEY HAMA	DNK 000303968	F	JNS-TF	236JE178	88	214	515	88	-805	0.32	27	0.15	1
F	ISDK VJ OESTERMARIE HAARE HAYS	DNK 000304613	F	JNS-TF	236JE4613	87	384	1,105	89	-583	0.27	28	0.15	10
A	JX SEXING HATARI BYRON {4}-ET	840003132353660	F	JNS-TF	551JE1731	86	14	102	93	638	-0.03	25	0.02	28
F	ISDK VJ HAUGSTEDGAARD HJERN HOJ {6}	DNK 000303972	F	JNS-TF	236JE165	86	508	1,936	89	-438	0.24	29	0.15	15
F	ISDK VJ KROGAARD QUINTANA QUIT	DNK 000304653	F	JNS-TF	236JE4653	85	282	641	88	-1415	0.48	26	0.23	-7
A	FOREST GLEN CRAZE TRIPP-ET	USA 067650436	F	JNS-TF	29JE4213	84	17	112	86	497	0.18	63	0.04	26
F	ISDK VJ HIHL	DNK 000303812	F	JNS-TF	236JE162	84	924	3,498	91	-778	0.30	23	0.20	13
A	JX SUNSET CANYON MAID MAN {6}-ET	USA 173138056	F	JNS-TF	100JE7404	83	7	73	92	800	0.07	55	0.03	36
F	ISDK VJ HJORTVANGS HOLMER HJORT	DNK 000303828	F	JNS-TF	236JE166	83	352	1,187	90	50	0.27	59	0.12	27
A	JX FARIA BROTHERS THANOS {4}-ET	840003149595911	F	JNS-TF	97JE194	82	39	374	97	1120	0.01	57	-0.01	39
A	JX JER-Z-BOYZ KELVIN {4}-P-ET	USA 173269589	F	JNS-TF	515JE1	82	7	10	84	684	-0.05	22	0.01	27
F	ISDK VJ GAMMELGAARD PEREZ PELE	DNK 000304550	F	JNS-TF	236JE4550	82	310	1,171	89	-307	0.40	69	0.16	22
F	ISDK DNK VJ JERN	DNK 000303457	F	JNS-TF	236JE176	82	131	236	89	-407	0.30	43	0.15	17
A	TOG FEDERER 37562-P-ET	840003203346870	F	JNS-TF	97JE202	81	18	116	94	63	0.15	36	0.08	19

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2023**

CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
385	365	2.78	3.8	-0.7	2.6	82	4.1	231	974	82	-0.5	-0.7	-0.6	-0.8	H1.0	-0.8	S0.2	S0.7	0.9	-0.4	-0.7	-0.3	S2.9	W1.8	S0.5	W1.9	C0.4	12.1
547	538	2.99	3.9	2.4	-1.2	78	10.4	6	22	87	2.0	1.2	-0.1	2.4	H0.7	0.2	S0.4	S0.8	1.4	3.0	1.8	1.6	S0.8	C1.3	L2.1	C1.1	B0.9	18.5
488	483	3.10	3.1	1.8	0.2	73	7.9	2	8	83	0.3	0.5	0.8	0.0	L0.9	0.2	S0.2	S0.3	1.1	0.2	-0.2	0.0	S0.3	C0.1	S0.3	W0.2	C1.3	11.7
390	363	2.69	1.8	0.6	2.5	78	3.7	126	350	81	-1.2	-0.5	-0.6	-0.7	L0.9	-0.2	S0.9	L0.3	-0.7	-0.9	-0.8	-1.3	S1.2	W0.6	S0.2	W1.4	C1.1	6.2
435	411	2.82	1.9	-0.6	0.1	82	3.6	203	981	91	-0.6	-1.0	-0.3	-0.6	H1.8	-0.4	P0.1	S1.3	-0.4	-0.6	-0.8	-1.3	S0.5	W0.6	S0.5	W1.1	C0.2	6.1
262	243	2.85	1.8	-0.3	4.7	80	3.8	200	1,406	87	0.1	0.0	0.5	0.2	H0.9	0.7	S0.7	S1.0	1.8	-0.1	-0.2	-0.9	S2.3	C0.2	S0.1	W0.6	C0.9	16.3
571	570	3.02	4.7	2.9	-2.5	91	9.9	39	298	97	1.5	-0.3	-0.5	1.5	H1.3	0.4	S0.6	0.0	1.3	2.2	0.4	0.4	S0.5	C0.7	L0.7	C0.4	B0.1	16.7
504	494	3.01	5.1	1.1	-0.9	77	7.9	21	171	95	1.9	0.5	-0.1	1.3	H1.9	-0.2	P0.1	S1.1	2.7	2.2	0.0	1.4	S3.2	C2.4	S0.1	C2.6	B1.3	18.5
500	484	2.90	0.0	1.2	0.7	82	4.1	128	332	86	-1.3	-1.0	-0.2	0.5	L2.1	-1.0	S1.0	L0.7	-2.2	-1.4	-0.3	0.6	D1.9	C1.0	0.0	C1.6	C0.7	-3.2
479	468	2.89	2.0	-0.3	-1.9	77	7.9	2	9	82	0.6	0.8	1.0	1.1	H0.4	0.7	P0.4	S0.9	0.3	0.2	0.7	0.3	D0.4	0.0	L0.3	W0.4	B0.2	10.3
347	340	2.81	1.7	0.5	3.3	78	2.9	167	689	81	-1.1	-1.1	0.5	-1.2	L0.3	-0.6	S0.6	S0.2	-0.8	-1.5	-1.2	-0.5	D0.2	W2.2	L1.8	W2.5	0.0	0.1
350	324	2.80	1.7	0.0	3.5	80	2.8	172	1,232	80	-0.5	-1.1	0.1	-0.7	L0.5	0.2	S0.2	S0.6	-0.1	-0.2	-0.1	-0.6	S0.7	W1.1	S0.4	W1.6	C0.4	8.8
533	522	3.13	3.1	-0.2	-2.8	77	8.0	3	45	90	1.2	0.7	0.4	1.4	L0.1	0.5	S1.4	L0.4	1.4	1.5	0.7	0.2	D0.1	W0.2	L1.4	W0.6	C0.5	14.4
444	421	2.99	-0.2	-2.4	1.3	66	3.0	0	0	75	-0.6	-0.5	-0.4	0.5	L0.1	-0.9	S1.0	L0.7	-2.1	-0.8	0.4	0.1	D0.8	W0.4	S0.3	0.0	C0.6	3.0
497	480	2.84	3.7	-0.3	-3.1	87	7.5	29	363	97	1.4	-0.1	0.1	1.1	0.0	-0.1	S0.6	S0.2	2.3	1.8	-0.2	-0.2	S2.1	C0.3	L0.3	W0.9	B0.3	20.6
411	403	2.87	2.6	1.0	0.6	93	6.0	13	80	91	0.4	0.0	0.3	-0.4	L0.1	0.1	P0.2	S0.6	0.9	-0.3	-0.7	-0.1	S0.6	C0.6	S0.4	C0.7	C0.9	10.0
474	451	2.86	1.7	0.0	3.7	74	2.4	56	77	79	-1.5	-1.7	-1.0	-0.6	H0.3	-1.2	S0.7	L0.4	-2.9	-2.2	-1.7	-0.4	D1.3	W1.7	S0.2	W1.2	C1.6	-7.1
247	226	2.85	-0.5	-2.4	2.1	81	2.9	216	1,140	80	-0.7	0.9	1.1	-1.2	L0.7	0.6	P0.3	S0.2	0.8	-0.4	-0.4	-0.7	S1.3	W1.4	L0.5	W1.9	C0.8	10.2
409	396	2.96	1.6	0.3	-0.8	74	8.4	1	4	81	0.7	0.8	-0.1	0.9	H1.8	0.4	P0.7	S0.5	1.0	0.4	-0.7	-0.5	S1.2	C0.1	L0.4	W0.6	C0.5	13.0
453	447	3.13	2.2	-1.0	-2.6	77	7.1	3	68	90	0.3	-0.1	1.1	0.0	H0.1	0.3	P0.6	S0.3	0.8	-0.2	0.2	0.7	S0.1	C0.1	S0.7	0.0	C1.3	10.0
313	297	2.77	0.1	-0.3	2.1	79	2.5	163	870	80	-1.1	0.1	0.5	-0.9	H0.1	1.0	S0.2	S0.9	-0.8	-2.0	-0.6	-2.0	D0.2	W3.0	S0.6	W4.0	C1.2	-2.1
381	365	3.03	1.1	0.2	3.9	82	2.5	171	589	80	-1.0	-1.5	0.5	-1.1	H1.2	0.0	P0.2	S0.4	-0.1	-1.1	-0.7	-2.2	D0.9	W2.8	S0.3	W3.7	C0.6	-0.5
318	300	2.72	2.7	0.7	3.2	80	4.1	169	496	81	-0.4	0.7	-0.5	0.0	L1.2	0.4	S0.2	S0.3	0.3	-0.9	-1.1	-1.1	S2.8	C0.3	S0.4	W0.4	C0.9	10.5
354	330	2.76	0.9	-1.1	1.3	79	2.3	196	1,130	79	-1.0	-1.0	0.4	-1.1	L0.3	-0.4	P0.8	S0.6	0.0	-1.0	-0.8	-1.5	S1.5	W1.5	S0.3	W2.1	C0.9	7.0
218	214	2.98	0.5	-0.3	0.3	82	9.0	18	84	91	1.3	2.5	1.8	0.6	L0.3	2.3	S0.1	S0.9	2.4	1.5	0.5	-0.1	S1.0	C0.3	L1.2	W0.2	B0.1	18.9
335	327	2.91	0.3	-0.8	0.5	87	8.8	7	55	93	-0.3	0.4	0.7	-0.5	L0.8	0.2	S0.4	S0.5	0.1	-1.5	-0.8	0.3	D0.1	C1.2	S0.7	C0.7	C0.9	4.1
349	333	2.97	-0.2	-1.7	1.5	77	2.9	117	213	81	-0.5	-0.3	-0.3	0.3	H2.4	-0.3	P0.6	S0.4	-0.4	0.1	-0.2	-0.5	S0.9	W0.6	S0.3	W1.2	C0.6	9.6
331	322	3.14	0.2	0.6	1.9	79	8.8	20	106	80	-0.1	1.2	0.7	-0.3	L1.8	0.5	S0.5	S0.1	-0.3	-0.6	-0.6	-0.7	D0.9	0.0	L0.4	W0.3	C0.8	4.2
437	417	2.88	2.4	-0.7	2.1	74	3.2	54	78	80	-1.5	-1.9	-0.3	-0.8	L0.4	-1.0	S0.1	L0.5	-1.3	-1.3	-1.5	-1.1	D0.1	W1.9	S0.3	W1.7	C1.4	-0.5
390	388	3.09	3.1	2.4	2.5	82	7.5	3	7	83	0.2	0.3	0.5	1.1	H0.1	0.3	S0.6	S0.1	0.1	1.3	0.6	0.3	D0.3	0.0	L0.8	W0.3	B1.1	11.4
275	274	3.03	2.8	1.3	3.7	78	8.8	6	33	87	-0.1	0.6	-0.3	-0.3	L0.5	-0.2	P0.7	S0.2	1.7	0.3	-1.1	-1.4	S2.9	W1.2	S0.4	W0.6	C0.5	14.3
443	421	2.82	2.0	0.3	3.6	75	2.0	147	319	80	-1.5	-1.5	-0.7	-0.6	L1.2	-1.6	S0.7	L1.0	-2.1	-1.8	-1.7	-0.1	D0.3	W1.3	S0.3	W1.1	C0.7	-1.8
286	275	2.83	0.4	-2.3	1.4	79	8.1	5	45	90	2.1	1.8	-0.5	1.8	H0.3	0.8	P0.8	S0.7	2.2	2.4	1.1	1.0	S1.6	C1.4	S0.1	C1.3	C0.4	21.1
376	360	2.84	2.9	1.9	3.6	79	3.1	105	384	79	-0.6	-2.1	0.0	-1.2	H1.2	-1.3	P0.2	0.0	-0.5	-1.4	-0.5	0.2	S0.8	W0.4	L0.6	W1.2	0.0	6.5
270	254	3.17	-0.6	0.0	0.8	82	3.4	199	820	88	-0.1	1.1	1.2	-0.1	L0.3	0.6	S0.7	S0.6	0.1	-1.0	0.1	0.0	S0.1	C0.1	S0.1	C0.4	C0.9	8.0
613	620	3.54	1.2	-2.0	-4.2	92	6.7	41	471	98	1.4	0.9	0.4	2.2	L0.9	-0.5	P0.4	S0.2	-0.6	3.4	3.0	1.1	D1.4	W0.9	L0.6	W0.1	B1.4	14.1
455	455	3.09	1.7	-1.4	-4.4	71	7.4	2	3	81	1.8	1.8	1.0	1.9	H0.5	0.7	P0.8	S1.2	1.0	1.9	2.0	1.5	S0.5	C1.8	L0.1	C1.9	B0.1	16.3
253	230	3.01	-1.4	-3.0	2.1	79	2.6	187	743	81	-0.6	1.1	0.7	-0.3	H0.3	-0.5	P0.6	S0.6	0.0	-0.5	-0.6	0.2	S2.1	W1.2	L1.0	W0.4	C0.3	11.4
340	324	2.79	0.6	-1.0	3.8	79	3.0	151	530	81	-0.7	-1.3	-0.5	0.2	L1.8	-0.2	S0.4	L0.3	-1.5	-1.1	-0.9	-1.4	D1.1	W1.8	S1.0	W2.4	C1.5	-2.7
378	372	3.00	2.9	-1.0	1.0	75	8.0	11	18	84	0.4	-0.6	-0.7	0.7	H0.6	-0.3	S0.1	L0.2	0.5	1.1	0.4	-0.8	S0.6	W1.1	S0.4	W1.8	B0.2	12.5
260	244	2.80	0.3	-0.9	2.5	77	3.4	100	275	80	-1.0	-0.3	0.4	-0.6	L1.9	0.5	S0.1	0.0	-0.9	-0.7	-0.4	-1.4	D0.5	W1.8	S0.8	W2.0	C1.1	1.6
268	255	3.05	1.6	1.1	6.6	78	2.9	121	268	80	-1.0	-1.4	0.6	-1.0	L0.9	-0.1	S0.9	L0.2	-0.2	-0.8	-0.6	-1.5	D1.3	W1.8	L0.4	W1.9	C0.4	1.0
235	220	3.02	0.1	-0.2	3.3	77	2.8	153	425	85	-0.1	-0.3	0.6	0.0	H1.5	0.3	P0.1	S0.6	1.4	-0.1	-0.3	0.6	S2.0	C1.3	S1.2	C0.7	C0.9	13.9
320	318	3.11	2.7	2.0	-0.2	78	6.4	3	23	85	1.2	-0.3	1.2	-0.5	H1.7	1.1	P2.0	S1.6	3.1	0.3	-0.2	-0.2	S2.6	C0.5	S0.1	0.0	C0.8	20.0
265	246	2.84	1.0	0.4	2.1	80	2.6	232	1,003	80	-0.4	0.1	0.6	-0.4	H1.5	0.7	S0.1	S0.6	0.0	-0.6	0.0	-0.3	S1.7	W0.7	S1.1	W0.9	C0.1	11.2
253	232	2.94	2.6	1.6	3.8	77	3.3	131	319	81	-0.9	-0.3	0.2	-1.6	L0.3	-0.2	S0.6	L0.6	1.0	-0.2	-0.5	0.1	S2.5	0.0	L0.3	W0.2	C0.4	15.8
419	414	3.03	1.2	0.4	-2.2	75	9.2	3	3	82	1.3	1.1	-0.2	1.8	H0.4	0.4	S0.4	L0.2	0.1	1.3	0.5	1.6	S0.7	C0.3	L1.5	C0.8	C0.4	12.3
175	151	2.83	-0.5	-2.6	3.3	85	3.9	315	1,240	87	-0.8	0.9	0.4	-0.4	L0.9	0.0	P0.2	S0.1	0.2	-0.7	-2.0	-0.5	S2.5	W0.9	L0.8	W1.3	C0.9	9.5
419	411	2.92	2.0	-1.9	-2.9	77	8.3	0	0	80	0.1	0.1	0.4	0.5	L0.2	-0.5	P0.1	S0.2	-0.1	-0.5	-0.4	-1.0	D0.5	W0.3	L0.2	W0.6	C0.5	5.7
392	376	2.90	-0.2	-1.7	1.6	82	2.8	196	680	87	-0.7	-1.0	0.0	0.2	L1.4	-0.1	0.0	L0.5	-1.4	-1.4	-0.9	-1.3	D0.9	C0.2	S0.8	W0.8	C2.1	-1.2
327	325	3.02	0.1	-1.7	-2.6	86	7.9	9	49	88	1.4	2.8	1.2	1.4	L0.2	0.8	0.0	S0.8	1.6	1.3	1.2	1.4	S1.1	C0.5				

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2023**

ST	Name of Bull	Registration Number	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot
A	SEXING ZIPPER AUTOMATIC 59995-ET	840003010363742	F	JNS-TF	151JE1625	81	31	295	97	104	0.12	31	0.05	15
A	JX SEXING GM RLUSS {6}-ET	840003146625424	F	JNS-TF	551JE1781	81	81	1,010	99	76	0.10	26	-0.01	0
A	TOG MAGNESIUM W961 8664-ET	840003200059621	F	JNS-TF	97JE201	80	12	106	93	1029	-0.13	21	-0.01	35
A	JX DUPAT JLS STRMCLD DORSAL {5}-ET	840003141725606	F	JNS-TF	147JE6229	79	15	67	93	1334	-0.14	33	-0.05	38
A	JX FARIA BROTHERS WILFORK {4}-ET	840003140371429	F	JNS-TF	551JE1704	79	20	255	97	824	-0.12	13	-0.01	29
A	AHLEM CRAZE JALAPENO 24052-ET	840003144728247	F	JNS-TF	100JE7412	79	6	41	90	875	-0.10	21	-0.04	24
A	ISDK VJ KROGAARD RODME QUINTANA	DNK 000304301	F	JNS-TF	236JE247	79	1,189	6,124	94	-828	0.41	44	0.19	8
A	JX FARIA BROTHERS TYWIN {4}-ET	840003011610094	F	JNS-TF	535JE61	78	4	72	94	622	-0.03	23	0.00	23
A	OAK LANE COMANCHE COHORT-ET	USA 067742177	F	JNS-TF	97JE169	78	240	1,473	99	316	0.01	17	0.03	19
A	TOG ZORRO-PP-ET	840003125202110	F	JNS-TF	54JE626	78	7	45	91	-827	0.25	11	0.09	-11
A	ISDK DJ ZUMA	DNK 000302730	F	JNS-TF	236JE146	78	2,224	21,766	99	-1022	0.25	1	0.12	-14
F	ISDK VJ GUNDESTRUP LESTEN LAST	DNK 000304651	F	JNS-TF	236JE4651	77	237	741	88	-1407	0.50	32	0.20	-11
A	JX SEXING GOT MAID PURSUE {4}-ET	840003132353767	F	JNS-TF	551JE1732	76	27	257	96	1042	-0.05	39	0.01	41
A	HILMAR CALYPSO CHEWBACCA {5}	USA 119552708	F	JNS-TF	100JE7374	76	17	94	94	1118	-0.18	14	-0.08	24
A	SUNSET CANYON MIRROR-ET	USA 118808990	F	JNS-TF	203JE1638	73	75	1,239	99	-602	0.25	23	0.14	6
A	JX SEXING WORLD CUP PHOENIX {4}-ET	840003146616931	F	JNS-TF	551JE1749	72	6	48	91	-82	0.11	19	0.12	22
A	RIVER VALLEY CECE CHROME-ET	840003012423929	F	JNSC	7JE5004	72	2,303	24,911	99	537	0.01	29	-0.01	17
A	HILMAR TOPGUN {6}-ET	USA 119875908	F	JNS-TF	147JE6228	71	10	77	94	195	0.05	20	0.08	24
F	ISDK VJ DONGSGAARDEN HUPI HUCK	DNK 000304157	F	JNS-TF	236JE221	71	80	131	87	-643	0.27	25	0.18	14
A	JX VIERRA CLAPTON {4}-ET	840003200644122	F	JNS-TF	777JE1228	70	29	1,218	99	856	0.09	61	0.04	40
A	JX AVON ROAD HIXTON {4}-ET	840003141545595	F	JNS-TF	97JE193	69	2	45	89	894	-0.13	14	-0.02	28
A	JX FARIA BROTHERS LEWANDOWSKI {4}-ET	840003140305997	F	JNS-TF	551JE1712	69	9	44	90	524	0.06	39	0.02	24
A	JX SEXING VICE UGO {5}-ET	840003203845399	F	JNS-TF	551JE1764	69	3	13	84	-43	0.20	41	0.12	23
F	RIVER VALLEY NBRAZIL SAXXON-P-ET	840003133234518	F	JNS-TF	202JE604	68	11	13	81	843	-0.09	21	-0.02	27
F	ISDK VJ RUNDKAERGAARD HALEY HAWK	DNK 000304551	F	JNS-TF	236JE4551	68	368	1,501	88	-280	0.23	34	0.16	23
A	AHLEM AXIS DAGGAR 22486	USA 073409447	F	JNS-TF	203JE1620	67	63	849	99	-24	0.07	13	0.07	15
F	ISDK VJ OUTRUP KLOV KLINK	DNK 000304666	F	JNS-TF	236JE4666	67	18	33	83	-284	0.10	7	0.08	7
A	ISDK VJ LINK	DNK 000303327	F		236JE155	67	1,677	8,874	95	-577	0.21	15	0.08	-4
A	GOLDEN DREAM SLUGGER CUBSWIN-PP	USA 173083516	F	JNSC	551JE1741	66	107	332	93	534	0.10	47	0.08	37
A	JX JER-Z-BOYZ WINWOOD {5}-ET	USA 173272909	F	JNS-TF	551JE1751	66	11	135	94	-66	0.18	35	0.12	23
F	ISDK VJ DONGSGAARDEN HALEY	DNK 000304129	F	JNS-TF	236JE213	66	764	3,576	90	-658	0.31	32	0.15	6
F	ISDK VJ HOEHOLT PICK PEREZ	DNK 000304130	F	JNS-TF	236JE212	64	524	1,792	90	-1092	0.42	32	0.25	11
F	ISDK VJ HOEHOLT GALVANIZE GAZZ	DNK 000304165	F	JNS-TF	236JE225	63	62	123	88	162	0.16	42	0.08	23
A	ISDK VJ HOEHOLT HILDE HUZAR	DNK 000303788	F	JNS-TF	236JE253	63	910	4,335	94	-1524	0.44	13	0.21	-15
A	AHLEM CRAZE DOC 24061-ET	840003144728256	F	JNS-TF	100JE7413	62	8	80	93	323	-0.04	8	-0.05	0
A	JX PINE-TREE DISCO CHAPEL HILLBILLY {4} ET	USA 067771846	F	JNS-TF	551JE1746	61	3	26	89	871	-0.08	24	0.00	33
F	ISDK VJ RONHOLM HICKEY HIAN {6}	DNK 000303933	F	JNS-TF	236JE167	60	252	613	89	-582	0.17	8	0.15	9
A	AHLEM BANCROFT CHICAGO 23929	USA 067823929	F	JNSC	100JE7403	57	31	97	94	988	-0.14	16	-0.03	30
A	JX FARIA BROTHERS MAHREZ {5}-ET	840003144724308	F	JNS-TF	551JE1737	57	8	36	90	605	-0.06	17	0.03	29
A	JX FARIA BROTHERS CAVANI {4}-ET	840003140306014	C	JNS-TF	551JE1714	56	7	22	89	102	0.16	40	0.07	19
A	BW CITATION A-ET	USA 118367576	C	JNS-TF	505JE125	55	326	1,735	99	-40	0.01	0	-0.03	-8
A	JX SANDCREEKS D STEVENS PARAGUAY {6} ET	840003144012326	F	JNS-TF	566JE105	54	17	30	89	85	0.04	12	0.05	14
A	JX SEXING HATARI MEDFORD {4}-ET	840003132356315	F	JNS-TF	551JE1747	50	5	14	86	828	-0.12	13	0.03	36
A	JX BW COUNTDOWN {5}-ET	840003131148667	F	JNS-TF	551JE1667	49	30	314	97	549	-0.12	0	-0.01	18
A	SUNSET CANYON BERLIN-ET	USA 173345263	F	JNS-TF	100JE7414	49	3	22	87	-738	0.37	40	0.19	11
A	ISDK VJ HAGENBJERGAARD HITMAN {5}	DNK 000304254	C	JNS-TF	236JE231	49	1,127	5,876	95	-1776	0.38	-12	0.28	-10
A	JX SEXING WALTER CRANSTON 60790 {5}	840003010364537	F	JNS-TF	551JE1642	48	8	42	91	275	0.15	45	0.06	24
A	SEXING LEMONHEAD DOYLE-ET	840003132348057	F	JNSC	551JE1698	48	37	92	91	245	-0.11	-11	-0.02	5
A	DUTCH HOLLOW OSCAR-P-ET	840003148600877	F	JNS-TF	566JE108	48	32	72	92	-461	0.29	38	0.05	-6
F	ISNZ LITTLE RIVER NUCLEUS S3J	NZL 000317513	F	JNS-TF	97JE17513	47	156	807	58	-1043	0.31	13	0.15	-7
A	AHLEM WHISTLER-ET	USA 067823718	F	JNS-TF	777JE1140	45	224	1,643	99	787	-0.02	33	-0.02	25
A	TATE BENEFACOR SAVIOR-ET	840003006436157	F	JNS-TF	147JE6227	44	3	93	95	1278	-0.22	13	-0.07	30
A	JX SR STERLING MATTER {6}-PP	USA 173156928	F	JNS-TF	97JE181	44	5	22	88	501	0.02	29	0.03	24
A	JX FOUR J MESSI MELLY {5}	840003142841125	F	JNS-TF	551JE1739	44	12	216	96	-91	0.27	53	0.09	15
A	SUNSET CANYON BREXIT	USA 173435265	F	JNS-TF	100JE7418	43	8	46	90	-980	0.26	5	0.14	-7

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2023**

CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
389	378	2.77	2.4	0.1	0.8	88	5.8	13	57	91	0.0	-2.4	-0.2	-0.3	0.0	-0.6	P0.5	L0.4	-0.2	0.9	0.5	-0.9	D1.3	W1.5	L0.2	W2.3	B0.1	6.4
391	388	2.77	5.5	0.7	-1.2	91	9.3	47	637	98	1.5	0.9	-0.9	2.3	H1.6	-0.6	0.0	S0.8	1.7	1.4	-0.2	-0.2	S2.9	C0.8	S0.7	W0.1	C0.9	18.6
334	332	3.02	2.1	1.5	-0.8	77	9.1	0	0	81	1.4	1.2	0.4	1.7	L0.3	0.7	S0.3	S0.5	1.7	2.2	1.3	0.5	S0.3	C1.0	L0.2	C1.0	C0.2	17.9
473	478	3.16	3.4	1.2	0.2	78	7.8	11	46	91	-0.4	-0.8	-0.8	0.5	H0.4	-0.5	S1.4	L0.6	-0.5	-0.4	-0.2	0.5	D0.9	C0.3	L0.5	C0.5	C1.2	4.5
257	251	2.80	2.7	0.0	-1.3	86	7.6	11	139	96	1.1	1.7	0.8	0.5	H0.3	1.1	P0.2	S0.8	1.8	0.3	0.4	0.9	S1.5	C0.6	L0.3	C0.6	C0.9	15.8
350	352	3.04	3.1	1.5	-0.1	76	8.4	3	23	87	1.0	0.5	-0.3	1.3	H0.5	0.3	S0.6	L0.5	0.7	1.5	0.1	0.6	S1.5	C0.1	L1.2	C0.5	B0.5	15.9
173	152	2.87	-0.3	-1.2	1.0	87	3.6	405	2,506	90	-0.7	2.2	0.5	0.0	L0.9	1.2	S1.1	L0.8	0.4	0.2	-0.7	-0.6	S2.3	W0.1	L1.6	W1.2	C0.5	13.2
346	344	2.99	2.5	-1.0	0.4	77	2.3	1	10	82	-0.2	-1.1	-0.8	0.0	H0.1	-0.8	P0.1	L0.4	-0.6	-0.5	-0.6	-0.8	S0.7	W0.8	S0.6	W1.2	C1.5	6.2
216	213	3.10	1.8	2.1	2.7	93	9.9	111	346	95	0.4	3.0	0.7	1.0	L1.2	1.0	S0.3	S1.1	1.2	-0.8	-0.7	0.0	S1.5	C0.9	S0.5	C1.2	C1.3	11.1
215	202	2.79	4.1	1.7	2.0	77	8.0	10	41	89	0.6	0.8	0.3	0.1	H0.4	0.1	P0.7	S1.5	0.8	0.8	-0.6	0.9	S2.1	W1.0	L0.8	W0.4	B0.7	14.7
278	263	2.74	3.1	0.4	3.9	99	3.8	954	12,425	99	0.2	-2.9	-1.5	0.2	L0.4	-0.9	S0.7	S0.1	0.4	0.7	-0.7	-0.6	S1.8	W0.6	S1.0	W0.2	C0.5	13.5
223	201	2.77	1.6	1.5	2.6	76	1.8	114	335	79	-0.5	-0.3	0.6	-1.6	H0.6	-0.4	P0.1	S1.1	1.5	-1.3	-1.2	-0.9	S3.1	W1.5	S0.1	W1.5	C0.8	10.2
379	371	2.85	2.2	-1.9	-3.4	84	9.0	17	116	93	0.8	0.2	0.8	0.7	L0.5	0.2	P0.1	S0.8	1.4	0.0	0.5	0.4	S0.1	C1.9	S0.3	C1.3	C0.8	10.9
220	222	2.83	1.1	-1.7	0.2	81	7.3	5	35	89	1.0	1.7	-0.1	1.7	H0.3	0.4	S0.8	S0.5	1.8	2.8	0.3	-0.9	S1.9	W0.7	L0.6	W1.7	B0.8	20.4
207	193	2.99	2.1	1.8	2.5	96	8.2	56	619	99	0.1	0.8	0.8	-0.1	L0.1	1.1	P0.5	S0.6	1.1	0.1	-1.7	-0.2	S1.3	W1.6	L1.4	W1.9	C1.0	9.4
280	264	2.92	2.1	1.5	-0.2	78	9.1	0	0	81	1.2	0.9	0.8	0.4	H0.2	0.3	P0.6	S1.0	1.6	0.5	-0.4	0.6	S0.8	C1.4	L0.5	C1.3	C0.1	12.8
277	274	2.88	1.4	-2.8	-0.6	99	9.5	1,078	11,883	99	1.9	0.7	-0.9	1.8	H0.5	0.2	S0.7	L0.1	1.7	1.7	1.9	1.8	S1.4	C2.5	S0.1	C2.2	B1.3	17.7
235	224	2.97	1.0	0.0	-0.9	81	9.0	5	55	91	0.7	0.9	0.4	0.1	H0.4	0.5	P0.9	S1.5	1.8	0.2	-0.3	-0.2	S1.8	W0.1	L0.1	W0.1	B0.2	16.7
163	141	2.81	0.3	1.1	1.4	74	3.9	41	72	80	-0.7	0.2	1.5	-1.7	H1.6	0.9	P0.5	S0.6	0.0	-1.9	-1.4	-0.4	S0.8	W1.3	S0.2	W2.1	C0.6	3.9
491	485	3.07	2.6	-0.4	-3.5	91	8.4	15	489	98	0.5	-0.2	0.2	0.9	L1.7	-0.3	S0.2	S0.2	-0.3	0.9	1.0	-0.4	D1.1	W0.7	L0.7	W0.6	C0.1	8.8
305	302	2.88	2.9	0.5	-1.6	73	7.7	2	23	85	0.5	-0.9	0.6	-0.2	H0.6	-0.3	0.0	L0.2	1.6	0.2	0.0	-0.1	S1.1	W0.3	L0.1	W0.4	C0.2	15.0
410	405	2.97	3.0	-0.3	-3.2	75	6.9	2	7	82	1.1	-0.3	-0.7	1.1	H1.0	-0.1	P0.1	0.0	1.7	1.7	-0.4	-0.3	S1.9	W0.3	L1.5	W0.8	B0.1	18.2
412	404	3.25	2.0	1.2	-0.2	72	7.8	1	3	81	0.6	-1.5	-0.4	0.0	H1.4	-0.2	S0.3	L0.6	1.5	1.2	-0.6	-0.7	S0.3	W0.7	L0.3	W0.6	B0.3	13.1
274	268	2.77	2.1	0.0	-2.9	73	8.7	1	1	81	0.9	1.4	-0.2	0.9	H0.7	0.6	0.0	S0.2	1.6	1.1	0.6	-0.8	S1.3	W0.5	L1.0	W0.7	C0.2	16.8
264	245	2.91	0.5	-2.6	-1.6	79	3.7	156	591	79	0.4	0.7	-0.3	1.1	L0.9	0.4	S0.2	L0.3	0.5	0.5	0.1	-0.3	S2.4	C0.2	0.0	0.0	C0.7	16.8
198	190	3.00	1.8	0.9	0.0	94	9.5	29	435	98	0.8	2.7	-0.4	0.1	L0.9	1.1	P0.9	S1.6	2.9	1.0	-0.5	-1.8	S4.0	W1.7	S1.2	W2.3	C1.1	13.9
213	199	2.76	1.3	0.1	4.4	64	2.6	11	20	77	-1.2	-0.7	-0.4	-0.5	L0.8	-0.4	S0.6	S0.5	-1.6	-1.5	-0.8	-0.2	D0.1	W1.7	L0.1	W1.5	C0.8	1.0
272	262	2.88	2.8	2.6	3.3	87	2.5	648	3,797	89	-0.8	-1.2	-0.6	-1.0	H0.4	-0.6	P0.4	S0.7	-1.8	-1.3	-0.8	-0.1	S0.4	W1.2	S0.3	W0.8	C0.6	2.8
310	299	3.05	-0.1	-1.4	-2.7	78	7.5	11	56	89	0.3	1.8	-0.1	1.1	L0.5	0.6	S0.1	L0.3	0.2	0.5	0.1	0.3	S0.9	C0.5	L0.6	C0.9	C0.5	12.0
328	313	2.99	1.0	2.1	-0.2	79	8.2	6	67	90	0.3	0.7	0.1	0.9	H1.1	0.1	P0.3	S0.6	-0.6	0.1	-0.3	0.5	D0.7	C0.2	S0.2	C0.9	B0.7	5.8
194	176	2.81	-0.3	-1.5	0.2	87	2.9	304	1,608	85	0.0	-0.8	0.3	-0.4	H1.5	-0.1	S0.5	0.0	2.0	-0.2	-0.8	-1.2	S2.4	C1.0	S0.2	W0.6	C0.8	15.2
202	176	2.92	-0.1	-1.7	1.2	82	4.4	210	760	82	-0.3	-0.1	-0.2	-0.7	H1.2	0.3	P0.3	S0.1	0.8	-0.6	-0.7	-0.6	S1.7	W1.0	S0.2	W1.0	C0.5	11.4
319	308	2.97	0.5	0.4	-0.2	77	6.6	35	66	82	0.4	-0.4	-0.2	0.0	L1.1	0.5	0.0	S0.2	0.3	0.4	0.2	-0.9	0.0	W1.8	L0.8	W1.8	B0.1	8.7
143	125	2.95	1.7	1.5	3.7	84	2.0	308	1,640	87	0.1	-0.3	0.5	-1.1	H0.7	0.2	P0.2	S1.0	2.2	0.1	-0.4	-1.1	S3.5	W0.8	S0.6	W1.5	C0.4	14.4
266	270	2.93	4.3	1.0	0.0	79	8.8	8	14	85	2.2	0.4	-0.7	1.3	H1.5	0.0	P0.6	S1.0	2.0	3.3	1.7	0.6	S2.3	W0.4	L1.4	W0.2	B1.2	25.2
336	336	3.16	2.3	1.3	-1.8	77	7.0	1	2	82	1.0	2.1	-0.5	2.2	L0.4	0.3	S1.0	S0.2	0.4	0.9	0.2	1.0	S0.9	C1.2	S0.4	C1.6	C1.2	11.8
264	248	2.94	1.8	0.1	4.4	80	2.1	142	353	81	-1.0	-1.5	-0.6	-0.4	L0.5	-1.1	S1.6	L1.1	-1.3	-0.8	-0.2	0.2	D0.9	W1.5	L1.0	W0.8	C0.4	2.0
315	315	2.99	1.1	-0.9	-2.8	82	10.3	27	85	92	2.3	-0.8	-0.6	1.7	H0.5	-0.3	P0.2	S0.5	2.9	2.9	1.3	0.3	S2.6	C0.8	L0.3	C0.1	B1.3	26.2
186	180	2.97	-0.3	1.1	0.1	76	8.0	2	5	81	0.1	0.5	0.7	0.1	H2.0	0.8	P0.2	S0.2	0.5	-0.5	-1.2	0.0	0.0	C0.8	L0.2	C0.6	B0.4	7.2
331	321	2.96	2.5	-0.8	-2.8	77	8.4	4	9	83	0.7	0.7	-0.1	0.8	L0.7	0.0	P1.0	S0.2	0.9	0.6	0.1	-0.2	S0.8	W0.7	0.0	W0.5	C0.9	13.4
252	255	2.95	5.3	4.5	0.3	97	9.5	221	1,102	99	0.8	0.7	-0.5	-0.1	H0.3	-0.5	P0.4	S0.1	2.9	0.6	0.1	-1.5	S3.2	C1.2	S1.5	W0.2	C1.6	17.0
179	171	2.96	1.4	-1.2	-0.8	75	8.3	5	14	84	0.9	0.3	0.3	0.1	H2.2	0.1	P1.3	S1.4	2.7	1.8	0.1	-0.9	S2.3	W1.5	L1.6	W2.1	B1.1	19.5
239	238	3.20	1.2	0.7	-0.4	74	7.4	1	1	80	-0.1	0.1	0.8	-0.2	L0.5	-0.4	S0.3	S0.3	0.3	-0.5	-0.1	0.7	D0.7	C0.4	L0.5	C0.2	C1.0	6.3
131	129	2.97	1.2	-0.5	0.7	88	8.3	12	153	95	-0.4	0.8	0.3	-0.4	H0.1	-0.1	P0.1	L0.5	0.4	-0.7	-0.5	-0.5	S1.4	C1.1	L0.2	0.0	C1.0	10.4
262	245	3.08	-0.2	1.3	-0.8	75	7.4	4	22	86	1.0	0.0	-0.2	1.0	H1.6	0.3	P0.4	S0.6	1.5	1.2	-0.3	1.3	S1.9	C0.8	L1.4	C0.7	B0.2	16.2
118	94	3.06	2.0	1.6	4.5	87	3.2	361	2,533	92	-0.6	-0.4	-0.6	-1.6	H0.1	-0.9	P0.1	S0.5	1.7	-1.0	-2.4	-0.1	S3.9	C0.3	S0.1	C0.7	C0.3	9.3
240	230	2.92	-0.8	-2.9	-2.4	78	8.3	4	25	87	1.0	0.1	0.1	1.0	H0.8	0.3	P0.6	S0.1	1.4	1.0	0.8	0.1	S0.5	C0.2	L0.9	C0.2	B0.2	15.7
133	134	2.95	2.8	1.5	0.8	78	9.7	10	25	87	1.7	1.3	-0.3	1.0	H0.6	0.4	P0.3	S0.9	2.1	1.5	1.1	1.2	S2.2	C1.4	L0.2	C1.5	0.0	20.6
187	182	2.94	1.4	1.1	-1.1	79	7.7	25	56	89	1.8	1.1	0.5	1.3	H0.9	1.0	P0.3	S0.8	1.9	2.9	1.1	1.6	S2.2	C0.4	L1.8	C0.5	B0.9	22.2
130	114	2.94	0.7	1.6	5.9	58	-0.8	42	138	49	-1.4	-2.2	0.9	-2.6	H1.7	-0.9	S0.4	L1.2	-1.1	-1.2	-0.6	0.7	D2.0	C0.2	S0.1	C0.3	C0.3	-0.5
150	149	2.97	0.0	0.3	-3.2	94	9.1	142	610	97	1.6	2.2	1.1	0.7	H0.4	2.0	S0.1	S0.8	2.3	1.5	1.1	1.2	S1.8	C1.8	L0.6	C1.0	B	

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2023**

ST	Name of Bull	Registration Number	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot
A	PINE-TREE SLUGGER BEN-P-ET	USA 067671679	F	JNSC	97JE186	42	15	97	93	77	0.18	42	0.09	21
A	ELLIOTTS REGENCY CASINO-ET	840003125141657	F	JNS-TF	14JE725	42	1,189	6,784	99	-332	0.07	-1	0.12	12
F	DEU RC SOL-PP	DEU 539873046	F	JNS-TF	624JE8001	40	41	54	84	159	0.02	13	0.05	16
A	SUNSET CANYON BAILANDO-ET	USA 173227815	F	JNS-TF	100JE7416	40	7	31	89	-470	0.22	22	0.10	4
F	SUNNYDAWN OLYMPIAN	GBR 000055862	C	JNS-TF	224JE2370	39	65	174	84	-866	0.20	-1	0.11	-10
A	SUNSET CANYON MAID-RITE-ET	USA 119714531	F	JNS-TF	100JE7382	37	33	130	95	-608	0.32	37	0.16	10
A	AUDIBEL DISCO JOLIN-ET	CAN 110644858	F	JNS-TF	250JE1778	37	88	182	91	176	-0.10	-12	-0.03	-1
A	JER-Z-BOYZ CRIS {6}-P-ET	USA 118125701	C	JNS-TF	203JE1388	36	125	1,436	99	-780	0.17	-2	0.06	-16
A	JX SEXING DAYBREAK CHICO {6}-ET	840003132349950	F	JNS-TF	551JE1668	33	14	45	91	525	-0.08	8	0.04	28
A	JX CO-OP JD CAPALDI {5}-PP-ET	840003149120886	F	JNS-TF	1JE7140	31	3	103	94	439	0.03	28	0.05	26
A	GOLDEN DREAM AMERICAN PHAROAH-P	USA 172553124	F	JNS-TF	566JE106	29	61	310	94	-199	-0.04	-18	0.06	6
A	PINE-TREE DISCO BUBBA-ET	USA 067771710	F	JNSC	551JE1723	29	134	873	99	-589	0.07	-15	0.09	-4
A	DUTCH HOLLOW VOLCANO CHARLES	840003008461617	F	JNS-TF	151JE19	28	94	744	99	735	-0.05	24	-0.03	21
A	SUNSET CANYON DENMARK-P-ET	USA 119872521	F	JNSC	100JE7391	27	51	248	97	-551	0.27	29	0.12	5
A	AHLEM KWYNN CHINOOK 23485	USA 067823485	F	JNSC	551JE1700	27	30	92	93	-536	0.10	-6	0.06	-7
A	HILMAR PAUL RANCHO {5}	USA 118378707	F	JNS-TF	147JE6220	26	8	61	92	35	0.15	34	0.09	20
A	JX FARIA BROTHERS PINSON {5}-ET	840003132351602	F	JNS-TF	551JE1690	26	11	144	96	-30	0.08	15	0.06	12
F	DEU ROSE CALLENBERG CRYSTAL-P-ET	DEU 539873090	F	JNSC	202JE607	24	37	45	83	-47	0.01	0	0.01	0
F	ISDK VJ JANUS	DNK 000303458	C	JNS-TF	236JE168	24	86	180	88	-1368	0.34	1	0.17	-17
A	SOUTH MOUNTAIN CANDYMAN-ET	840003141003008	F	JNSC	250JE1793	22	120	366	96	363	-0.12	-9	-0.03	7
A	JX FARIA BROTHERS DYBALA {4}-ET	840003140305952	F	JNS-TF	551JE1709	21	5	17	87	601	0.04	37	-0.01	20
A	JX TLJ NXLEVEL BUSTER {5}	USA 067300610	F	JNS-TF	100JE7399	15	11	97	93	488	-0.03	18	0.00	17
A	JX WILSONVIEW MARVEL SOUL {4}-ET	USA 118313166	F	JNS-TF	203JE1422	15	25	209	97	26	0.06	13	0.00	2
A	HILMAR SPARKY ATLAS {5}-ET	USA 119268647	F	JNS-TF	100JE7367	12	6	33	91	53	0.04	11	0.03	9
F	ISDK VJ RODME NYGAARD RODME	DNK 000303952	F	JNS-TF	236JE169	12	960	3,972	90	-1015	0.38	27	0.18	-1
A	COVINGTON MAID OF MAGIC-P	840003202129242	F	JNS-TF	54JE886	12	7	22	86	-267	0.10	9	0.03	-4
A	HILMAR PAUL BRONCO {5}-ET	USA 118381604	F	JNS-TF	147JE6219	11	7	90	94	243	0.07	26	0.06	21
A	CRF LEGAL PROMISE	USA 117722352	F	JNSC	203JE1347	10	238	3,627	99	-847	0.13	-14	0.10	-11
A	ISDK Q IMPULS	DNK 000301592	F	JNS-TF	236JE3	6	3,390	32,859	99	-526	0.17	10	0.11	4
F	ISDK VJ SOLBAKKEN HALEY HIRTS	DNK 000304552	F	JNS-TF	236JE4552	5	360	1,935	89	-1649	0.47	12	0.25	-12
A	ISAU LIGHTNING RIDGE FERDINAND	AUS 000778373	F	JNS-TF	551JE1825	1	10	24	86	-469	0.11	0	0.04	-9
F	LAMARIA WILBERT-ET	CAN 109960092	F	JNS-TF	551JE1693	-3	98	269	89	3	-0.06	-12	-0.03	-6
A	SUNSET CANYON DAUPHIN-ET	USA 119244292	F	JNS-TF	147JE6225	-4	3	51	93	-55	0.27	55	0.09	18
F	GLANMOR BELMONT WELSH WIZARD	GBR 000055719	F	JNS-TF	224JE2293	-4	109	284	84	-703	0.10	-13	0.03	-20
A	ST-LO PRESTO-ET	CAN 110150638	F	JNS-TF	97JE187	-4	46	187	95	-975	0.12	-23	0.01	-34
A	RIVER VALLEY VICTORIOUS-ET	840003126479524	F	JNS-TF	7JE5032	-10	699	2,778	99	-740	0.16	-4	0.11	-5
F	ALL LYNNS VERNON MACARTHUR-ET	USA 118612153	F	JNS-TF	202JE601	-11	28	38	86	-484	0.17	12	0.06	-6
F	GUIMO JAMIE-ET	CAN 110194407	F	JNS-TF	777JE1135	-11	369	965	91	-870	0.20	-1	0.11	-9
F	ISDE URSTROMTAL NAPOLEON-PP-ET	DEU 272415982	F	JNS-TF	525JE11	-12	74	170	87	-203	-0.01	-12	-0.01	-9
A	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410	F	JNS-TF	200JE8187	-12	50	116	95	-904	0.24	6	0.11	-10
A	ISAU CAIRNBRAE BONTINO	AUS 000691603			187JE5308	-16	211	990	95	-526	0.13	2	0.10	1
F	RIBBLESDALE BEAUMONT	GBR 000055792	F	JNS-TF	224JE2336	-16	127	595	87	-1547	0.43	10	0.19	-20
A	SUNSET CANYON MEGATRON-ET	USA 117763696	C	JNS-TF	147JE6209	-20	129	1,981	99	16	0.26	57	0.06	14
A	KASH-IN RECKLESS-ET	840003201335576	F	JNS-TF	7JE1808	-24	33	72	92	-1102	0.16	-21	0.01	-38
F	ST-LO BARCELONA POLLEN	CAN 110150613	C	JNS-TF	551JE1720	-27	58	109	87	-289	0.00	-15	0.00	-10
A	ENNISKILLEN ENGINEER 401	CAN 012038719	F	JNS-TF	224JE2479	-30	184	513	94	-1328	0.25	-15	0.07	-34
A	MR MILKSOURCE DAZZLER MATADOR-ET	840003130262082	F	JNS-TF	551JE1790	-33	24	49	89	-1249	0.06	-48	0.04	-38
F	POTTERSWALLS STARBUCK	GBR 000055607	F	JNS-TF	224JE2275	-37	149	320	85	-1556	0.38	0	0.13	-32
F	CLOONEY CONQUERER-ET	GBR 000055781	F	JNS-TF	224JE2329	-41	61	169	84	-999	0.20	-8	0.09	-19
A	HILMAR MERCHANT MANUEL	USA 117577466	F	JNS-TF	147JE6210	-49	6	50	92	-686	0.15	-2	0.01	-24
F	SAXOWN KAISER CHIEF	GBR 000055717	F	JNS-TF	224JE2316	-53	100	290	84	-617	-0.02	-34	0.02	-19
A	ROYALTY RIDGE MB FULL THROTTLE	USA 118534918	F	JNS-TF	147JE6221	-55	15	37	92	-1591	0.14	-49	0.07	-44
F	ISNZ GLEN LEITH QUIGLEY SJ2 {6}-ET	NZL 000317517	F	JNS-TF	97JE17517	-60	185	1,015	76	-1611	0.30	-20	0.17	-26
A	SUNSET CANYON ACHILLES-ET	USA 173125047	C	JNS-TF	100JE7405	-70	10	15	86	-1242	0.14	-32	0.09	-27
F	FOURCROSSES ONTIME STAG	GBR 000055596	F	JNS-TF	224JE2284	-78	101	267	84	-1185	0.07	-44	0.06	-31

**Herd Register or Generation Count 4-6 and BBR 100: Active (A) and Foreign (F) Bulls Marketed in US by JPI
December 2023**

CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RWU	UC	UD	TP	TL	RTP RV	RTP SV	JUI
246	237	3.07	0.3	-0.5	-2.8	80	7.7	9	44	88	0.5	0.8	-0.3	1.1	H0.3	0.6	S0.5	L0.6	0.5	0.5	0.4	0.5	S0.9	C1.4	S0.3	C1.4	C1.3	11.9
119	109	3.10	2.3	0.2	-0.3	98	9.1	770	3,769	99	2.0	1.9	0.6	1.2	H1.1	0.9	P0.2	S0.3	2.7	1.8	0.7	1.8	S2.2	C2.5	S1.4	C3.5	C0.3	18.8
34	26	2.95	-0.3	-1.5	-0.1	69	5.5	0	0	76	-0.1	2.3	0.6	0.1	H0.5	1.5	S0.4	L0.7	0.8	-0.2	-0.4	-1.0	S1.5	W1.2	L0.1	W1.2	C0.7	11.6
114	101	2.86	-0.3	-0.9	-1.0	76	8.1	5	33	87	1.1	2.5	-0.8	1.0	H0.4	0.8	P0.3	S0.6	2.1	0.8	-1.0	0.9	S3.6	C1.2	S1.2	C1.4	C1.0	13.7
135	124	2.88	2.1	0.2	2.2	76	6.6	21	57	78	0.3	-1.6	-0.8	-0.5	H0.6	-0.5	P0.5	S0.1	-0.1	0.2	-0.7	-0.5	S0.5	W1.3	L0.4	W1.3	0.0	8.4
215	200	3.03	0.5	0.4	0.1	83	7.9	19	78	92	-0.6	-0.4	0.3	-0.8	H0.2	-0.1	S1.0	L0.7	-0.2	-1.1	-1.1	-0.5	D1.0	C0.1	S0.3	W0.4	C0.9	2.5
174	177	2.96	3.6	3.8	1.0	83	8.3	57	119	86	1.5	0.5	-0.5	0.7	H0.6	-0.5	P0.3	S0.8	1.2	0.9	0.3	0.6	S0.6	C0.7	L0.9	C0.2	C0.9	13.7
175	169	2.91	3.5	2.0	1.7	96	8.2	68	650	99	-0.8	-2.8	-0.9	-1.0	H0.3	-0.9	S1.6	L0.9	-0.1	-0.8	-2.0	0.3	S1.7	W0.5	L1.1	C0.8	B0.3	7.7
317	313	3.13	2.3	0.7	-2.5	79	9.7	6	18	86	0.1	-1.9	-1.2	0.3	L0.1	-1.4	P0.4	L0.1	-0.4	0.2	-0.7	0.2	S0.3	W0.8	S0.2	W0.2	0.0	8.6
210	205	3.07	0.3	2.1	-2.7	73	8.0	0	0	80	1.1	2.2	0.3	1.8	L0.1	1.0	S0.6	S0.8	1.1	0.8	-0.1	0.2	S0.8	C1.6	S0.5	C1.9	C0.2	12.8
53	46	3.02	1.4	2.0	2.1	83	8.4	30	75	92	0.3	-0.9	0.5	-1.0	H1.1	0.8	P0.8	S0.6	1.7	0.7	-0.3	-0.5	S1.4	W0.9	L0.1	W1.4	C0.4	15.2
128	120	3.03	3.0	3.1	0.5	90	8.9	69	483	98	1.4	0.1	-0.7	0.2	H2.2	-0.1	P0.4	S1.2	3.3	0.8	-0.9	1.0	S3.2	C1.9	S0.9	C1.5	C1.5	15.7
130	131	3.03	-1.2	-4.9	-0.2	94	8.8	48	311	98	0.1	-0.6	-0.2	0.4	H0.7	-0.5	S1.0	L1.0	1.1	0.5	0.1	-1.5	S0.1	C0.2	0.0	W0.6	C0.4	11.5
139	125	2.91	-0.2	-1.2	-2.4	86	7.4	41	170	95	0.7	1.4	-0.7	0.9	H0.3	0.3	S1.3	S0.1	1.8	0.3	-1.1	0.0	S3.3	C0.3	S1.2	C0.2	C1.1	14.5
1	-7	2.86	1.1	0.3	0.3	81	9.5	24	61	90	1.3	1.3	0.4	0.6	H0.2	0.7	P0.6	S0.7	2.1	0.6	-0.1	0.5	S2.5	C1.6	S2.1	C1.6	C1.5	16.5
149	139	3.02	-1.7	-1.6	-2.1	80	7.9	4	21	86	0.4	1.2	-0.1	1.5	L0.7	-0.6	S0.3	S0.4	-0.9	0.2	1.2	0.8	D1.1	C0.7	L0.3	C1.2	B0.2	6.3
-19	-25	3.03	-0.3	-1.2	-1.6	84	7.3	4	100	95	0.0	3.1	1.0	-0.7	H0.6	1.6	P0.5	S0.7	2.7	0.0	-1.3	-0.9	S3.9	W1.5	L0.8	W1.6	C0.4	12.4
-43	-44	2.97	0.1	-1.3	0.6	71	6.8	1	3	78	0.7	1.7	0.5	0.3	H1.0	1.2	0.0	S0.7	1.7	0.1	0.7	0.6	S2.3	C0.7	S0.5	C0.5	0.0	18.1
-47	-61	3.01	0.4	-1.1	4.3	79	3.8	65	115	81	-0.4	1.4	0.5	-0.5	H0.7	0.6	P0.9	S0.6	-0.9	-0.6	0.5	1.0	S1.0	W1.1	0.0	W0.6	B0.1	8.8
109	109	2.90	2.0	-1.1	-1.9	85	8.4	66	189	93	2.0	1.2	-0.8	1.8	H0.3	-0.5	P0.3	S0.5	2.4	2.2	0.5	1.3	S2.6	C2.3	S0.9	C2.0	B0.7	20.5
140	141	3.07	-1.0	-1.9	-3.8	73	5.9	1	1	80	0.8	0.7	0.2	0.9	H0.7	0.6	P0.5	S0.6	1.3	1.0	0.6	-0.2	S0.9	W0.3	L0.9	W0.4	C0.4	15.8
92	96	3.25	0.1	-2.0	-1.5	80	8.1	2	4	81	0.5	1.7	0.2	1.2	L2.1	0.3	P0.7	S0.2	0.5	1.1	0.6	-0.4	S0.8	0.0	L0.1	W0.3	C0.6	14.8
104	104	3.07	1.4	3.0	-0.4	87	6.8	10	50	90	0.5	0.1	0.5	0.2	L0.4	0.7	P0.6	0.0	-0.1	0.0	0.6	0.5	D0.4	C0.7	S0.8	C1.4	C0.7	7.7
84	80	3.05	-0.6	-0.4	-0.7	78	9.2	2	7	84	0.3	-0.2	-0.5	1.0	L0.4	0.1	P0.2	S0.6	-0.3	-0.4	0.0	0.8	D0.4	C2.2	L0.4	C1.8	C0.9	4.6
74	57	2.96	-0.6	-1.9	-1.0	84	2.8	341	1,751	82	-0.8	-0.3	-0.1	-0.7	L0.8	-0.6	S1.0	L1.2	-0.1	-1.1	-0.9	-0.3	S0.9	C0.3	L0.7	W0.7	C0.4	7.3
101	96	2.86	1.3	0.3	-2.1	73	8.3	5	15	84	0.6	0.2	-0.7	0.5	0.0	-0.2	S0.8	S0.3	1.0	1.0	-0.6	-0.2	S2.6	W0.6	S0.5	W0.8	B0.1	17.0
172	164	3.00	-1.0	-1.6	-2.2	83	8.2	4	41	89	-0.2	-0.4	-0.5	0.6	L0.7	-1.4	S0.9	L0.3	-1.8	-0.3	0.8	0.9	D1.8	C0.9	S0.1	C1.1	B0.7	1.4
134	126	2.99	2.2	4.3	1.3	98	8.7	143	1,392	99	0.5	-2.6	-0.2	-0.4	H0.2	-0.7	P0.4	S0.2	0.2	-0.1	-1.0	2.0	S1.9	C2.0	S0.6	C3.5	C0.4	8.4
43	34	3.09	-1.1	-0.8	1.7	99	5.6	1,488	17,898	99	-1.1	-1.1	0.0	-0.6	L0.1	-0.6	P0.2	L0.1	-1.2	-0.6	-1.8	-0.9	D1.1	W1.3	S0.1	W2.1	C0.5	-1.0
0	-22	2.98	-1.2	0.7	1.2	79	2.3	173	915	88	0.1	1.4	-0.1	-0.9	H0.6	0.3	0.0	S1.1	3.4	0.7	-0.8	-0.5	S6.2	C1.5	S0.1	C0.5	C0.8	10.6
-54	-55	3.12	-0.3	-2.2	0.5	72	7.3	5	14	84	1.1	0.5	0.1	1.6	H1.5	0.5	S0.2	S0.9	1.2	1.2	1.3	0.2	S0.6	C0.7	L0.4	C0.5	B0.6	16.3
-84	-82	2.90	0.2	-0.1	-0.6	80	8.9	31	53	82	0.9	2.6	0.1	0.8	H0.4	0.7	P1.2	S1.5	2.0	1.1	0.2	-0.1	S3.3	C0.1	L0.6	W0.6	B0.2	18.8
146	135	2.97	-1.8	-2.8	-4.9	81	7.7	1	33	90	-0.6	0.5	0.4	0.8	H0.6	-0.2	S0.5	L0.6	-1.3	-0.6	0.3	-0.2	D1.9	W0.6	L1.2	W0.7	C0.6	1.1
-71	-72	3.01	-0.3	-1.3	2.4	77	6.2	36	79	77	0.2	-1.4	-1.0	0.7	H1.4	-0.4	S0.4	L0.6	0.4	0.7	1.2	-1.2	D1.6	W0.5	S0.2	W1.4	B0.8	7.8
-84	-87	2.73	2.4	2.8	0.9	83	8.2	30	67	90	1.9	2.9	-0.8	0.9	H2.4	1.0	P1.2	S1.9	4.0	1.2	-1.0	1.2	S5.4	C1.3	L1.0	C1.5	B0.3	12.0
-71	-80	3.03	0.0	-1.9	-2.1	96	7.5	525	1,792	99	2.0	1.5	0.4	1.2	H0.3	0.9	P0.7	S0.2	2.9	2.4	1.0	0.7	S2.9	C2.4	S1.1	C2.1	B0.7	21.9
61	58	3.10	-0.3	1.1	0.3	75	6.7	0	0	81	-0.7	-1.3	-0.5	-0.6	L0.2	-1.0	S0.8	L0.5	-0.7	-0.7	-1.2	-0.5	D0.5	C0.2	S0.1	W0.4	C0.7	3.6
-27	-37	3.00	0.2	0.9	-0.3	84	8.3	226	472	88	0.5	0.6	0.1	-0.6	H1.6	-0.3	S0.5	S0.7	1.0	-0.2	0.8	-0.6	S0.6	C2.2	S0.3	C1.9	B0.3	11.2
-56	-54	3.02	0.8	-0.2	-0.2	78	7.8	0	0	79	0.1	-0.4	-0.4	-0.2	L0.3	0.2	0.0	S0.2	0.3	-0.3	-0.8	-0.2	S1.7	C0.1	S0.8	C0.5	C0.5	11.6
29	25	3.26	0.1	0.0	0.3	84	7.8	57	115	94	1.0	-0.5	-0.3	1.6	H1.4	-0.3	S0.7	S1.3	1.3	0.7	1.3	-0.6	S0.3	C1.7	S0.8	C0.9	C0.2	13.9
-67	-75	3.07	-0.7	0.8	-1.4	83	10.1	88	299	88	1.5	1.7	1.5	0.7	L0.4	0.6	P1.2	S0.6	1.1	0.9	2.0	0.1	S1.0	C1.6	S0.9	C0.8	C0.4	16.9
-144	-157	3.10	-1.7	-0.4	3.3	80	4.3	16	45	78	-0.7	0.8	1.2	-0.7	H0.4	1.0	S0.9	L0.2	0.5	-1.2	-0.5	-0.3	S1.0	C1.0	S1.1	0.0	C1.0	8.5
47	43	3.16	-3.7	-5.7	-4.7	98	6.5	87	861	99	0.2	0.5	0.3	1.3	L0.5	-0.9	S1.0	L0.8	0.2	0.5	0.2	0.3	D0.5	W1.3	L1.3	W0.9	C0.2	8.3
-82	-79	2.99	3.4	3.2	-0.1	77	7.6	19	46	89	1.5	0.8	-0.2	0.5	H1.4	0.3	P1.5	S1.5	3.0	1.6	-0.6	0.7	S4.0	W0.2	L1.9	W0.1	B0.6	17.5
-150	-151	2.95	0.7	-0.4	-1.9	76	7.6	46	81	84	0.7	1.4	0.3	-0.1	L0.3	0.8	P1.0	S0.9	0.9	0.3	0.3	0.2	S0.7	C0.3	L0.5	C0.3	C0.4	13.2
-124	-123	3.22	2.2	2.5	1.1	85	7.1	113	269	92	1.0	0.0	0.2	0.2	H2.0	0.9	P0.7	S0.7	1.9	0.4	-0.2	0.3	S1.9	C1.1	S0.9	C0.1	0.0	16.8
-185	-186	2.95	2.9	1.5	2.6	76	8.2	7	24	86	0.5	-0.2	-0.7	-0.4	H0.8	-0.3	P0.9	S0.9	1.0	0.3	-1.0	0.5	S1.7	C0.3	S0.3	C0.1	C0.3	13.8
-201	-211	2.96	-0.9	0.3	1.1	78	4.4	40	96	75	-1.0	-0.2	0.7	-1.4	H0.7	0.1	P0.2	L0.3	-1.0	-0.7	-0.5	0.5	D0.8	W0.2	S0.8	0.0	B0.3	3.5
-227	-235	2.96	-3.1	-2.2	0.4	77	7.9	28	60	79	0.3	-1.4	0.0	-0.2	H0.5	0.3	P0.1	L0.1	0.9	0.4	0.2	0.1	D0.1	C1.2	S0.1	C0.1	B0.5	11.3
-165	-166	2.88	-0.5	-1.7	-1.2	79	6.5	2	36	89	-0.3	-1.1	0.5	0.2	L0.4	-0.1	S0.9	L0.9	-0.1	-0.6	0.1	-0.1	D1.0	C0.2	S1.3	C0.9	C0.8	4.9
-179	-178	3.06	0.0	1.1	-1.1	77	6.0	44	89	77	0.1	-1.5	-0.8	0.5	H0.1	-0.4	P0.4	S0.3	0.2	0.2	0.5	-0.9	S0.8	C0.4	S1.4	W0.7	C0.1	11.4
-335	-337	3.01	1.8	3.0	2.7	79	6.8																					

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December 2023**

ST	Name of Bull	Registration Number	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot
A	MM VICTORIOUS FRANK-ET	840003201335580	F	JNS-TF	551JE1775	-88	49	111	93	-1576	0.18	-41	0.11	-37
A	MR MADDIES COLTON MACHINE	840003209884647	F	JNS-TF	100JE7421	-132	4	10	81	-2109	0.30	-44	0.14	-51
A	TOWER VUE PRIME TEQUILA-ET	USA 114816452	F	JNS-TF	76JE156	-201	1,863	6,510	99	-2093	0.25	-53	0.11	-56
A	MR KATHIES KID ROCK	840003128791587	F	JNS-TF	551JE1772	-214	87	164	95	-2105	0.05	-93	-0.01	-80

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CM\$	NM\$	SCS	PL	LIV	DPR	DPR REL	EFI	Type Hrds	Type Daus	Type REL	FS	ST	SR	DF	RA	RW	RL	FA	FU	RH	RUW	UC	UD	TP	TL	RTP RV	RTP SV	JUI
-388	-393	3.06	-0.3	-1.6	-2.2	78	6.0	25	59	90	1.4	1.1	0.3	0.4	H0.6	0.4	P1.0	S1.2	3.1	1.3	-0.7	0.0	S4.0	C0.5	S0.3	C0.4	B1.3	17.4
-597	-596	3.37	-2.7	-1.3	0.2	69	5.3	2	6	80	1.0	1.3	0.7	0.8	H1.4	1.1	0.0	S0.3	2.1	0.4	0.3	0.5	S1.6	C0.3	L0.7	C0.3	B0.5	17.2
-815	-811	3.40	-3.2	-4.9	-3.8	98	3.7	1,173	4,305	99	1.3	3.6	0.9	0.8	H1.0	1.6	P1.3	S0.6	2.1	1.2	1.2	0.6	S3.4	C0.9	L2.1	C0.8	B1.0	18.4
-919	-900	3.45	-2.0	-0.6	0.3	79	4.4	92	166	93	1.6	0.1	1.1	0.8	H2.2	1.9	P0.8	S1.1	3.2	1.0	0.5	0.8	S2.3	C2.0	L1.1	C1.8	B0.4	19.7