

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
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	789	779	2.95
A	JX PRIMUS ENZO CHATHAM {4}-ET	840003200210433	F	JNS-TF	7JE1789	211	32	416	98	2078	-0.10	78	-0.10	52	854	857	2.84
G	JX CAL-MART OUTLIER {5}-ET	USA 067665204	F	JNS-TF	29JE4438	205			77	854	0.17	79	0.12	57	861	840	2.81
G	JX CAL-MART DINO {6}-ET	USA 067975200	F	JNS-TF	29JE4444	203			73	945	0.15	80	0.10	57	798	778	2.84
G	JX PRIMUS THRASHER CALLAN {5}-ET	840003213193851	F	JNS-TF	7JE1956	203			79	1371	-0.12	39	-0.01	47	738	731	2.83
G	JX PEAK ALTAFOREFRONT {5}-ET	840003250025871	F	JNS-TF	11JE7491	201			73	1639	-0.06	65	0.01	63	803	792	2.84
G	JX ABS AVJ MACHO {6}-ET	840003250244909	F	JNS-TF	29JE4433	201			74	1381	0.04	75	0.02	55	876	865	2.81
G	JX S-S-I VICTORY CORSAIR STROUD {6}-ET	840003252418550	F	JNS-TF	614JE2151	200			75	1072	0.12	78	0.05	51	783	771	2.93
G	JX PRIMUS MONSTER CERBERUS {6}-ET	840003236267034	F	JNS-TF	614JE2189	198			75	1086	0.07	68	0.06	54	790	776	2.90
G	JX ABS AVJ TOMLIN {6}-ET	840003250244977	F	JNS-TF	29JE4435	198			73	1020	0.04	59	0.06	50	851	834	2.70
G	JX ABS GA QUIZ {4}-ET	840003252460136	F	JNS-TF	29JE4454	197			75	1175	0.13	85	0.06	56	857	842	2.83
G	JX PEAK ALTADRAYCE {6}-ET	840003252778498	F	JNS-TF	11JE7526	195			76	2165	-0.11	78	-0.08	61	897	897	2.84
G	JX PROGENESIS COOL {6}-ET	840003254283371	F	JNS-TF	200JE1485	195			75	1377	0.02	72	0.04	59	829	816	2.85
G	JX CAL-MART DELL {6}-ET	USA 067975159	F	JNS-TF	29JE4421	194			73	1565	0.02	80	0.05	68	794	780	2.88
G	CAL-MART JAMMER-ET	USA 067504833	F	JNS-TF	29JE4305	194			78	1050	0.10	74	0.05	50	776	761	2.78
G	JX VIERRA VODOO CHILD {5}-ET	840003239528915	F	JNS-TF	200JE1455	193			74	1267	0.08	80	0.03	54	748	734	2.77
G	JX DUPAT CORSAIR INXS {6}-ET	840003242639186	F	JNS-TF	614JE2222	192			75	1005	0.10	72	0.07	53	754	737	2.80
G	JX CAL-MART DEALER {6}-ET	USA 067975168	F	JNS-TF	29JE4422	192			73	876	0.16	78	0.09	53	791	774	2.88
G	JX PRIMUS THRASHER CRISPIN {5}-ET	840003213193850	F	JNS-TF	14JE1921	192			78	1102	0.02	58	0.04	50	722	713	3.01
G	CAL-MART JULIO-ET	USA 067975021	F	JNS-TF	29JE4378	192			75	100	0.35	80	0.14	34	740	718	2.79
G	JX PRIMUS WATKINS CABAL {5}-ET	840003203110539	F	JNS-TF	614JE2107	192			77	817	0.00	40	0.01	32	754	746	2.83
G	JX VALSIGNA STONEY DYNASTAR {4}-ET	840003247390868	F	JNS-TF	614JE2169	191			77	699	0.19	75	0.08	43	790	776	2.95
G	CAL-MART JOYSTICK-ET	USA 067484963	F	JNS-TF	29JE4356	190			77	1083	0.15	85	0.08	58	790	772	2.81
G	JX PEAK ALTAFLINSTONE {5}-ET	840003243355768	F	JNS-TF	11JE7496	190			73	1029	0.06	64	0.04	47	696	685	2.88
G	JX ABS AVJ STRICKER {6}-ET	840003250244874	F	JNS-TF	29JE4432	189			73	1242	-0.06	47	0.02	51	841	829	2.81
G	KASH-IN MATEO-ET	840003221920398	F	JNS-TF	7JE2229	189			75	976	0.04	56	0.06	50	687	673	2.89
G	ABS AVJ JUICED-ET	840003250245084	F	JNS-TF	29JE4436	188			73	799	0.19	80	0.14	60	729	707	2.89
G	PROGENESIS MICHIGAN-ET	840003209774762	F	JNS-TF	777JE1404	188			75	1028	0.22	98	0.08	56	707	692	2.94
G	S-S-I VICTORY GEPETTO WARREN {6}-ET	840003241109421	F	JNS-TF	507JE2157	188			74	1257	-0.02	56	0.04	55	778	769	3.00
G	JX PRIMUS GRADUATE COLLEGE {6}-ET	840003236267024	F	JNS-TF	507JE2221	188			75	1496	-0.11	47	-0.01	52	656	651	2.94
G	JX ABS AVJ JUJU {6}-ET	840003250244917	F	JNSC	29JE4434	188			73	459	0.22	70	0.12	43	728	705	2.71
G	JX CAL-MART WARD {6}-ET	USA 067975068	F	JNS-TF	29JE4389	187			76	489	0.25	78	0.12	44	635	616	2.89
G	JX TAYLOR BROTHERS LL BEAN {5}-ET	840003217135107	F	JNS-TF	29JE4315	186			77	960	0.16	82	0.08	53	740	728	3.05
G	JX PEAK OTTAVIO {5}-ET	840003248055892	F	JNS-TF	1JE7465	185			74	1324	0.10	87	0.05	60	743	728	2.81
G	JX PEAK ALTAHORATIO {5}-ET	840003247843494	C	JNS-TF	11JE7453	185			73	1462	-0.05	59	0.01	55	670	663	2.94
G	JX CAL-MART DUDE {6}-ET	USA 067975083	F	JNS-TF	29JE4407	185			73	944	0.11	71	0.06	48	766	751	2.81
G	JX VIERRA MADMAX {4}-ET	840003224438341	F	JNS-TF	777JE1414	185			78	673	0.15	66	0.07	41	715	700	2.83
G	FOUR J MONSTER {6}-P-ET	840003209703049	F	JNS-TF	7JE2000	184			78	1048	0.14	83	0.08	56	743	726	2.85
G	VALSIGNA THRASHER VOLANT-ET	840003126987953	C	JNS-TF	14JE2002	184			78	1232	0.01	63	0.04	54	712	702	2.96
G	JX SUNBOW JLS CORSAIR JULIUS {6}-ET	840003250244886	F	JNS-TF	507JE2186	184			75	947	0.14	76	0.04	44	730	719	2.89
G	JX PEAK CELLY {5}-ET	840003248055908	C	JNS-TF	1JE7482	183			75	1370	-0.07	51	0.05	62	649	637	2.95
G	JX PEAK DISCO {6}-P-ET	840003252778519	F	JNS-TF	1JE7542	183			76	1981	-0.22	45	-0.08	55	797	798	2.92
G	DUPAT BLIZZARD ODESZA-ET	840003242639203	F	JNS-TF	507JE2227	183			75	1537	-0.04	66	-0.01	53	746	739	2.84
G	JX CAL-MART DITTO {6}-ET	USA 067975144	F	JNS-TF	29JE4418	183			74	654	0.22	80	0.12	51	734	715	2.89
G	PEAK ALTALUDWIG-ET	840003248055962	F	JNS-TF	11JE7521	183			75	933	0.16	81	0.07	49	738	723	2.82
G	VICTORY BLIZZARD BIRKDALE {5}-ET	840003257224740	F	JNS-TF	507JE2207	183			75	1100	0.07	70	0.02	45	694	684	2.82
G	JX PRIMUS GEPETTO CLOONEY {6}-ET	840003258615419	F	JNS-TF	614JE2194	182			74	1543	0.04	83	0.01	60	832	824	2.97
G	JX VIERRA RAMMSTEIN {6}-ET	840003250243147	F	JNS-TF	200JE1472	182			74	1285	0.02	66	0.04	57	762	749	2.88
G	RIVER VALLEY THRASHER MIDWAY-ET	USA 067801435	F	JNS-TF	7JE5078	182			79	984	0.12	74	0.07	52	734	718	2.84
G	JX PRIMUS GEPETTO CARACAL {6}-ET	840003242639174	F	JNS-TF	507JE2224	181			75	885	0.14	74	0.10	54	862	844	2.87
G	TOG ALTALUKEN-P-ET	840003253611228	F	JNS-TF	11JE7572	181			76	1462	-0.16	34	0.00	53	793	785	2.84
G	JX VICTORY NICKLAUS CHANCES {6}-ET	840003259012209	F	JNS-TF	614JE2182	180			75	1106	0.07	70	0.03	48	734	722	2.83
G	FOREST GLEN WESTPORT BECKS {6}	USA 067650546	F	JNS-TF	29JE4309	180			78	776	0.14	69	0.09	48	758	739	2.77
G	ABS GA SURVIVOR-ET	840003259841339	F	JNS-TF	29JE4463	180			73	1033	0.02	55	0.03	45	856	848	2.98
G	JX ABS GA GIVENS {5}-ET	840003236266502	C	JNS-TF	29JE4397	180			75	419	0.34	93	0.14	45	750	730	2.91
G	RIVER VALLEY MAXIM-ET	840003250476667	F	JNS-TF	97JE230	180			74	810	0.05	51	0.06	44	673	657	2.73

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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
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
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
5.9	2.5	0.2	69	7.8	0	0	79	1.1	0.7	0.5	1.4	L0.2	0.6	S0.5	S0.2	1.0	1.2	0.4	-0.1	S0.8	C0.7	L0.1	C0.1	B0.6	15.5
5.7	1.8	-1.3	68	7.3	0	0	77	1.9	1.3	1.1	0.7	H0.7	1.5	P0.3	S1.2	3.3	1.0	-0.1	1.1	S2.6	C2.2	S0.3	C2.1	B0.2	19.1
7.3	3.6	2.7	74	7.9	0	0	81	1.3	1.3	0.0	-0.2	H0.6	0.3	P0.1	S0.5	2.8	0.9	-0.8	0.3	S3.2	C0.5	L0.6	W0.2	B0.1	18.4
6.3	1.5	-0.4	68	7.3	0	0	77	0.8	0.4	0.7	0.8	H0.5	0.6	P0.5	S0.3	0.4	-0.3	0.2	-0.6	D0.3	W0.6	L0.1	W1.0	C1.6	7.7
5.8	3.6	0.4	68	8.2	0	0	78	1.0	0.1	-0.1	1.1	H0.8	0.2	S0.4	S0.2	0.9	1.6	0.8	-0.6	S0.7	W0.4	L0.6	W1.4	B0.6	15.3
5.3	1.8	1.0	69	7.6	0	0	78	0.7	0.9	0.5	0.4	H0.4	0.3	S0.2	S0.2	1.3	0.1	-0.1	0.1	S1.0	C0.6	L0.1	0.0	C0.7	13.8
5.0	1.8	1.5	70	8.8	0	0	78	1.3	0.6	0.2	0.9	H0.3	0.1	S0.1	0.0	1.3	1.1	0.6	0.8	S0.9	C0.6	L0.8	C0.4	B0.8	15.3
6.7	4.0	0.9	68	8.1	0	0	77	1.2	-0.1	-0.1	1.1	H0.9	0.1	S0.1	S0.1	1.4	1.6	0.5	0.5	S0.6	C0.9	L0.9	C0.6	B0.3	15.7
5.3	2.8	-1.3	67	7.0	0	0	77	1.0	1.1	0.1	1.2	H0.2	0.0	S0.2	S0.9	1.4	1.0	0.0	0.4	S1.4	C1.1	L0.8	C0.3	B0.5	15.8
6.1	-0.2	-1.8	72	8.4	0	0	79	1.9	0.4	-0.7	2.6	H0.9	-0.8	P0.4	S0.4	1.1	2.4	1.7	0.4	D0.4	C1.4	L1.1	C0.5	B0.8	15.6
6.6	0.9	-0.8	69	9.0	0	0	78	1.0	1.9	0.0	1.7	L0.2	0.3	S0.5	S0.6	0.5	1.2	0.5	-0.3	S0.4	W0.1	0.0	W0.4	C0.3	14.1
4.3	-0.1	-0.6	70	9.2	0	0	77	1.3	1.7	0.7	2.1	L0.1	0.9	S1.5	S0.3	0.9	0.9	1.6	0.9	S0.4	C1.7	S0.3	C1.6	B0.4	13.8
4.6	4.1	0.4	70	8.3	0	0	80	1.3	1.9	0.4	1.7	H0.6	0.9	0.0	S0.9	1.7	2.0	0.5	0.2	S1.6	C1.0	L1.6	C0.1	B0.4	19.2
4.3	-1.1	0.2	67	7.0	0	0	78	0.9	0.3	0.6	0.6	H0.2	0.3	S0.1	L0.1	1.3	0.1	-0.1	0.3	S0.4	C0.2	L0.1	C0.2	C0.7	12.4
5.7	2.6	-0.7	70	8.7	0	0	78	2.0	2.8	1.2	0.9	H1.4	1.6	P1.0	S2.0	4.6	2.1	0.3	0.5	S4.3	C1.7	L0.3	C1.0	C0.1	19.0
4.8	2.9	0.2	68	7.8	0	0	77	0.9	1.6	0.5	1.2	H0.2	0.5	S1.5	S0.5	1.6	1.1	0.0	0.9	S1.3	C0.4	L0.6	C0.5	B0.4	16.1
5.8	3.1	2.8	73	6.6	0	0	80	1.0	1.7	0.8	0.5	L0.4	0.6	S0.5	S0.1	1.1	0.6	0.5	0.4	S1.0	C0.3	L0.5	C0.3	0.0	15.2
4.7	0.8	1.3	68	8.0	0	0	78	1.2	0.3	0.2	0.0	H2.1	0.2	P1.0	S1.3	2.5	1.0	-0.6	-0.6	S2.3	C0.7	0.0	W0.5	C0.2	19.3
9.2	3.0	2.0	69	7.3	0	0	79	1.6	-0.2	-0.1	0.4	H0.3	0.5	P0.4	S0.6	2.4	1.8	0.0	0.0	S2.1	C0.3	S0.1	C0.1	B0.3	21.8
6.7	3.8	0.1	73	8.2	0	0	80	1.0	0.2	0.7	0.2	H1.7	0.9	P0.6	S1.1	2.1	0.4	-0.3	-0.9	S1.9	0.0	L1.2	W1.0	C0.2	16.4
3.7	1.5	0.5	69	8.5	0	0	79	0.3	0.9	0.6	0.8	H0.2	0.5	P0.2	L0.3	0.3	0.8	0.1	-1.1	D0.3	C0.4	L0.9	W1.2	B0.5	9.1
5.5	1.0	0.4	67	7.1	0	0	77	1.1	0.6	0.8	0.3	H0.5	0.8	P0.7	S0.5	2.1	0.6	0.0	-0.5	S1.2	W0.3	S0.5	W0.7	C1.0	15.8
7.5	3.2	2.6	68	7.9	0	0	77	0.7	-1.3	-0.4	0.4	L0.5	-0.5	P0.1	L0.4	0.4	0.9	-0.3	-0.6	D0.7	C0.4	L1.1	W0.7	B0.2	8.6
6.2	2.2	0.0	70	9.7	0	0	78	1.4	2.5	0.9	1.3	H0.9	1.4	0.0	S0.7	1.7	1.1	0.6	0.3	S1.9	C1.1	S0.7	C1.1	B0.7	18.1
3.8	2.6	0.4	68	8.3	0	0	77	1.3	2.6	1.4	1.4	L0.3	1.7	0.0	S1.0	1.1	1.1	0.9	0.7	S0.5	C1.5	L1.0	C0.9	C0.4	14.0
2.5	1.7	-0.9	70	8.7	0	0	78	1.1	2.1	1.5	1.3	H1.1	1.8	S0.8	S0.6	2.1	0.9	0.7	-0.1	S1.1	C0.9	L1.2	W0.1	C0.2	17.5
6.4	2.8	2.0	68	7.4	0	0	78	0.3	0.5	0.3	0.4	L0.5	-0.2	S0.7	L0.2	-0.2	0.3	-0.1	0.2	D0.4	W0.9	L0.7	W1.4	B0.9	7.0
5.0	-0.2	1.9	69	8.0	0	0	78	1.8	1.8	0.3	1.6	H0.7	0.7	S0.3	S0.8	2.1	2.0	1.4	0.9	S1.8	C0.4	L0.7	C0.1	B0.9	21.7
4.2	2.2	1.1	67	7.9	0	0	77	1.3	1.0	0.3	0.6	H1.1	0.4	P0.5	S1.3	2.5	1.0	-0.2	-0.5	S2.1	C1.2	L0.9	W0.3	C0.3	18.9
3.1	0.9	0.7	71	8.7	0	0	79	0.9	1.4	1.1	0.2	H0.6	1.3	0.0	S0.1	2.6	0.8	0.1	-0.8	S2.2	C1.3	L0.5	W0.3	C0.1	19.4
4.3	2.1	1.9	74	8.7	0	0	80	0.1	1.2	1.0	0.2	L0.6	0.5	S0.9	L0.1	0.0	-0.6	-0.4	-0.3	D1.2	C0.3	L0.8	W0.5	C0.6	4.3
4.7	0.6	-2.1	68	7.2	0	0	77	0.6	1.1	1.5	0.8	H1.0	1.1	P0.6	S0.5	0.6	-0.6	0.5	-0.1	D0.3	C0.2	L0.3	C0.4	C0.8	9.1
4.7	0.6	0.3	68	8.6	0	0	77	1.3	1.5	0.8	1.4	H0.2	0.9	P0.3	S0.6	2.1	0.9	0.6	0.4	S1.2	C1.0	S0.7	C0.9	C1.2	16.7
5.3	2.4	-0.7	69	7.7	0	0	77	0.9	0.3	0.2	0.8	L0.1	0.5	S0.7	S0.1	1.5	0.9	0.4	-0.1	S1.4	C0.7	0.0	C0.3	B0.4	17.2
5.6	3.8	0.8	73	8.4	0	0	80	1.0	1.1	0.7	1.3	H1.0	1.3	S1.3	S0.3	1.6	1.0	0.1	-1.2	S1.6	W0.7	L1.0	W1.8	C0.4	15.6
3.6	0.6	0.7	74	9.3	0	0	80	0.6	0.6	0.7	1.0	H0.7	0.6	S0.8	L0.4	-0.3	-0.6	0.3	0.7	D0.9	C0.9	L0.5	C0.5	C0.1	5.3
5.0	3.2	1.4	74	8.7	0	0	81	0.9	0.9	1.0	0.2	0.0	0.8	S0.6	S0.1	1.3	0.0	0.1	0.4	S0.4	C1.0	L0.7	C0.7	B0.2	11.7
4.8	1.7	-0.2	69	8.6	0	0	78	1.3	1.4	0.5	0.9	H0.3	0.5	0.0	S0.6	2.9	2.0	0.3	0.5	S2.6	C0.7	L0.3	C0.4	C0.5	23.2
4.8	1.5	0.3	68	7.5	0	0	78	0.7	1.6	1.0	0.5	H0.6	1.2	S0.1	S0.2	1.6	-0.1	-0.5	-0.2	S1.4	C0.1	S0.2	0.0	C0.8	14.3
6.6	3.3	0.8	71	9.1	0	0	79	0.6	-0.2	-0.6	0.4	L0.3	-1.2	P0.2	S0.1	0.4	0.9	-0.1	0.0	S0.3	C0.1	S0.4	W0.4	B0.6	12.1
5.4	-0.3	-1.5	69	8.8	0	0	78	2.1	0.9	0.3	2.0	H0.6	0.5	P0.7	S0.9	2.1	2.9	1.9	0.5	S0.7	C0.4	L1.3	W0.3	B1.2	21.3
4.2	1.6	-0.3	69	8.3	0	0	78	1.0	1.3	0.9	1.3	L0.1	0.9	S0.6	S0.8	1.2	0.8	0.6	0.3	S0.8	C0.1	L1.0	W0.5	C0.2	15.1
5.2	1.6	-1.7	69	9.0	0	0	78	0.9	2.2	0.6	0.9	H0.8	0.9	P0.7	S1.0	1.5	0.8	0.2	-0.3	S1.6	W0.2	0.0	W0.1	B0.2	17.5
4.9	0.4	-0.9	70	9.4	0	0	78	1.3	1.7	0.2	0.9	L0.3	0.5	P0.3	S0.3	1.9	1.9	0.6	-0.3	S1.8	C0.2	L0.7	W0.5	B0.2	20.7
4.8	1.2	-0.9	68	7.8	0	0	78	0.6	-0.2	0.3	1.3	L0.2	-0.2	S1.0	L0.6	-0.4	0.8	0.8	0.6	D1.0	C0.7	0.0	C0.6	C0.5	8.3
4.7	-1.1	-0.8	68	8.7	0	0	78	2.0	1.0	-0.2	1.9	L0.2	-0.2	P0.5	S0.5	2.3	2.7	1.2	0.6	S1.2	C1.3	S0.4	C1.2	B0.7	21.1
5.0	0.7	-0.4	74	8.1	0	0	81	0.8	0.7	0.7	0.9	H0.2	0.7	S0.9	S0.1	1.2	0.4	0.6	0.4	D0.1	C0.7	S0.2	C0.3	C0.3	12.4
5.5	1.1	0.0	70	10.2	0	0	78	0.9	-0.7	-0.7	0.9	0.0	-0.9	S0.6	L0.3	0.1	0.8	0.2	-0.6	D0.3	W0.2	0.0	W0.9	C0.3	10.1
8.0	1.4	-0.1	70	9.0	0	0	79	1.2	-1.3	-0.5	1.1	H0.1	-0.5	P0.6	S0.8	1.1	1.2	0.9	1.1	S0.3	C2.5	S0.9	C2.0	B0.5	12.4
5.4	2.8	0.1	70	8.0	0	0	78	1.1	1.8	0.5	1.2	0.0	0.7	S0.1	S0.2	0.8	0.6	0.4	-0.4	S0.8	C0.2	L0.2	W0.4	C0.1	14.2
5.0	1.9	0.8	73	8.8	0	0	80	0.6	0.1	0.6	1.1	H0.3	-0.2	S0.3	S0.3	0.3	0.7	0.9	-0.7	D1.2	C0.5	L0.6	W0.7	B0.5	8.7
7.4	2.6	0.4	69	9.0	0	0	78	1.6	-1.0	-1.2	0.9	L0.7	-1.2	P0.6	S0.2	1.1	1.7	0.5	0.4	S0.2	C1.3	L0.2	C1.0	B0.1	14.6
3.4	1.1	-0.7	69	8.4	0	0	78	0.7	0.3	0.3	0.2	H0.1	0.2	P0.4	S0.1	1.0	0.4	0.0	-0.4	S0.7	C1.4	S0.2	C0.6	0.0	12.7
5.2	0.7	1.3	67	8.1	0	0	76	1.1	0.0	0.4	0.9	H0.6	0.6	P0.4	S0.4	1.3	1.3	1.0	0.1	S0.3	C0.9	S0.8	C0.1	C0.1	15.7

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
G	FB WORLD CLASSIC-ET	840003211288931	F	JNS-TF	551JE1955	179			77	1558	0.04	85	0.04	67	723	712	2.97
G	JX PEAK HOLDEM {5}-ET	840003252778531	C	JNS-TF	1JE7548	179			75	993	0.01	51	0.08	55	674	659	2.94
G	JX ROWLEY MONSTER MAYPOP {5}-P-ET	840003250479290	F	JNS-PF	614JE2235	179			75	772	0.15	70	0.08	45	688	672	2.83
G	JX ABS HE QUEST {4}-ET	840003236266481	F	JNS-TF	29JE4363	179			76	553	0.20	71	0.10	42	762	743	2.73
G	JX PRIMUS ALCAN CLEMENTE {6}-ET	840003203110547	F	JNS-TF	507JE2137	179			74	881	0.05	54	0.03	38	699	691	2.91
G	JX CAL-MART WORSHIP {5}-ET	USA 067504838	F	JNS-TF	29JE4323	179			79	420	0.18	59	0.10	38	576	557	2.75
G	DUPAT THRASHER WILDWOOD-ET	840003206581223	F	JNS-TF	14JE1952	178			79	2024	-0.13	67	-0.02	70	622	615	2.91
G	JX VIERRA THEBOSS {6}-ET	840003218042562	F	JNS-TF	200JE1334	178			79	1138	0.08	72	0.04	51	804	790	2.76
G	CAL-MART WOBBLE-ET	USA 067484990	F	JNS-TF	29JE4349	178			75	774	0.21	84	0.10	51	653	637	2.97
G	CAL-MART JAVIER-ET	USA 067484956	F	JNS-TF	29JE4358	178			76	627	0.28	92	0.11	47	681	664	2.91
G	JX PRIMUS TUCKER CORD {6}-ET	840003236266993	F	JNS-TF	507JE2162	178			77	1025	-0.06	36	0.04	46	719	711	3.02
G	JX SEXING G GARLAND {5}-ET	840003213126087	F	JNSC	551JE1874	178			77	1076	0.07	67	0.02	43	676	669	2.94
G	JX SEXING STONE WINN {4}-ET	840003213129164	F	JNS-TF	551JE1938	178			77	875	0.09	63	0.03	38	745	736	2.88
G	JX VICTORY THRASHER ELS {6}-ET	840003213511496	F	JNS-TF	7JE1933	177			79	1068	0.08	69	0.08	58	655	639	2.92
G	JX VICTORY GEPPETTO UPCYCLE {6}-P-ET	840003259012700	F	JNSC	507JE2181	177			74	906	0.12	70	0.09	54	796	778	2.84
G	JX S-S-I VICTORY GOALS DINER {6}-P-ET	840003241108932	F	JNS-TF	7JE2071	177			77	988	0.05	60	0.04	46	682	671	2.88
G	TAYLOR BROTHERS BANKER-ET	840003251816043	F	JNS-TF	29JE4455	177			74	1108	0.01	55	0.02	45	727	717	2.80
G	PRIMUS GUTZ CLEVER-ET	840003236267008	F	JNS-TF	507JE2163	177			78	626	0.17	68	0.05	34	724	712	2.83
G	JX METCALF RIPP {5}-ET	840003236343074	F	JNS-TF	97JE219	176			79	1894	-0.10	69	-0.04	61	791	787	2.90
G	JX TAYLOR BROTHERS SCHOONER {5}-ET	840003231727278	F	JNS-TF	29JE4426	176			78	1357	0.07	81	0.05	61	765	756	3.10
G	JX METCALF SPIRAL SINCLAR {6}-ET	USA 067409816	F	JNS-TF	551JE1941	176			77	1291	0.09	82	0.03	54	728	712	2.63
G	DUPAT ARTIST ALUNA	840003242639147	F	JNS-TF	7JE2262	176			75	1223	-0.08	42	0.01	47	713	707	2.97
G	TOG HUDSONBAY-P-ET	USA 174824640	F	JNS-TF	1JE7573	176			74	721	0.16	69	0.08	43	810	795	2.88
G	JX DUPAT ALTAKENO {6}-ET	840003206581246	F	JNS-TF	11JE7368	175			79	1478	-0.04	62	0.05	65	664	653	3.00
G	JX PRIMUS ALCAN CABRERA {6}-ET	840003203110546	F	JNS-TF	614JE2136	175			74	1128	0.00	55	0.05	52	722	712	3.01
G	CAL-MART JASPER-ET	USA 067484943	F	JNS-TF	29JE4353	175			79	905	0.15	78	0.07	48	730	714	2.78
G	JX DUPAT SSI GUETTA {6}-P-ET	840003209722034	F	JNS-TF	614JE2103	175			77	957	-0.04	38	0.04	44	744	733	2.86
G	JX CAL-MART LOGGER {5}-ET	USA 067504891	F	JNS-TF	29JE4343	175			77	961	0.05	57	0.03	43	697	686	2.86
G	JX HICKORY RAMSEY {5}-ET	840003247269667	F	JNS-TF	200JE1479	175			74	743	0.12	63	0.06	40	732	717	2.75
G	JX PEAK STARBUCKZ {4}-ET	840003248055799	F	JNS-TF	1JE7427	175			78	880	0.12	69	0.03	39	707	701	3.02
G	TOG MAYFIELD-P	840003249057063	F	JNS-TF	1JE7576	174			75	827	0.12	67	0.08	49	747	730	2.83
G	JX AHLEM DIAMOND {5}-ET	840003246946210	F	JNS-TF	200JE1450	174			77	823	0.12	66	0.08	48	781	763	2.75
G	PEAK LAFAYETTE-ET	840003248055953	F	JNS-TF	1JE7509	174			75	1044	0.13	80	0.04	47	694	683	2.87
G	JX CAL-MART JUSTICE {6}-ET	USA 067975003	F	JNS-TF	29JE4376	174			77	966	0.10	70	0.05	47	705	692	2.84
G	JX ABS 6608 LOUDON {6}-ET	840003229427016	F	JNS-TF	29JE4437	174			73	812	0.13	67	0.07	45	681	668	2.94
G	JX ABS AVJ HODIE {6}-ET	840003250245303	F	JNS-TF	29JE4472	174			73	1164	-0.01	55	0.00	42	808	803	2.93
G	JX AHLEM TOMAHAWK {5}	840003246946103	F	JNS-TF	200JE1443	174			76	555	0.10	48	0.10	42	587	569	2.84
G	JX PINE-TREE PEAK ALTAMOHANA {6}-ET	840003250026002	F	JNS-TF	11JE7493	173			75	1199	0.14	90	0.06	57	690	680	3.08
G	CAL-MART WALRUS-ET	USA 067484982	F	JNS-TF	29JE4348	173			76	53	0.38	83	0.21	47	686	658	2.88
G	JX PROGENESIS MONARCH {5}-ET	840003218042551	F	JNS-TF	200JE1333	173			78	1154	0.05	66	0.02	46	712	703	2.86
G	JX CAL-MART WAY {6}-ET	USA 067975066	F	JNS-TF	29JE4388	173			76	693	0.15	66	0.08	42	674	660	2.90
G	JX RIVER VALLEY MAC TAILOR {6}-ET	840003250476712	F	JNS-TF	200JE10086	172			76	1997	-0.09	76	-0.03	67	759	757	3.09
G	PEAK ALTAMALACHI-ET	840003250025947	F	JNS-TF	11JE7525	172			77	1506	0.05	85	-0.01	54	930	924	2.91
G	JX DUPAT CORSAIR KASKADE {5}-ET	840003242639157	F	JNS-TF	7JE2196	172			75	906	0.03	51	0.01	35	639	630	2.77
G	AHLEM DIMITRI SEISMIC-PP-ET	840003213754079	C	JNSC	614JE2083	172			77	496	0.17	62	0.05	28	727	715	2.79
G	VIERRA MONKEES-ET	840003239528712	F	JNS-TF	777JE1430	171			75	847	0.16	76	0.14	62	590	570	3.01
G	DUPAT KESTREL VINTAGE-P-ET	840003242639177	F	JNS-TF	507JE2223	171			77	1876	-0.16	53	-0.06	55	722	723	3.01
G	FOUR J ALTATOOHILL-ET	840003209703663	F	JNS-TF	11JE7531	171			75	1016	0.17	86	0.08	55	740	726	2.97
G	JX PRIMUS GEPPETTO CARSON {6}-ET	840003242639167	F	JNS-TF	7JE2191	171			75	1374	-0.01	64	0.02	54	771	764	3.00
G	JX PROGENESIS CINNAMON {6}-ET	840003209774793	F	JNS-TF	777JE1422	171			75	1100	0.05	64	0.06	53	651	638	2.91
G	DUPAT THRASHER WELD-ET	840003206581219	F	JNS-TF	14JE1951	171			79	1228	-0.04	50	0.01	47	667	657	2.79
G	JX CAL-MART JINX {5}-ET	USA 067484926	F	JNSC	29JE4350	171			78	980	0.02	52	0.02	40	714	704	2.80
G	JX PRIMUS GEPPETTO CORMAC {6}-ET	840003258615418	F	JNS-TF	614JE2193	170			75	1124	0.06	68	0.02	46	728	721	2.98
G	S-S-I VICTORY DABO WILL-ET	840003247597159	F	JNSC	7JE2147	170			74	885	-0.04	34	0.02	37	733	719	2.58
G	FOREST GLEN JUGGERNAUT BATTERY-ET	USA 067650598	F	JNS-TF	29JE4375	170			76	200	0.27	67	0.13	36	748	726	2.72
G	PEAK ALTAFASTCAST-ET	840003252778578	F	JNS-TF	11JE7523	169			77	1313	0.05	74	0.03	56	795	784	2.88

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

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
3.6	1.3	-0.8	71	7.7	0	0	79	1.0	2.7	1.7	1.6	H0.1	1.1	S0.3	S0.4	0.0	1.0	1.4	0.5	D1.1	W0.2	L1.1	W0.3	B0.8	9.8
5.0	1.5	1.2	68	7.6	0	0	78	0.4	0.4	0.4	0.1	H0.8	0.4	0.0	L0.3	0.8	-0.4	-0.7	-1.0	S0.3	W1.1	L0.2	W1.7	C0.9	7.6
5.2	2.0	-0.3	69	8.4	0	0	78	1.2	0.9	1.3	0.7	H1.0	1.3	S0.1	S0.1	1.6	0.6	0.6	0.5	S1.3	C1.5	L0.2	C1.0	0.0	16.0
5.3	0.5	-0.5	69	8.0	0	0	78	0.7	-0.3	-0.2	0.3	H1.0	-0.4	P0.5	S0.8	1.7	0.5	-0.6	-0.4	S0.9	C1.5	0.0	C0.5	0.0	13.7
5.9	1.2	2.7	68	7.1	0	0	78	0.3	0.1	-0.2	-0.5	L0.5	-0.3	0.0	0.0	1.2	0.5	-0.9	-0.6	S1.7	W0.7	L0.1	W1.1	C0.1	14.1
3.6	1.1	1.2	73	8.4	0	0	81	1.0	2.1	0.6	0.4	L0.6	1.1	P0.7	S0.8	2.2	0.9	-0.4	-0.4	S2.4	C1.5	L0.5	C0.5	C0.2	18.7
3.5	0.6	-1.1	74	8.9	0	0	81	1.0	2.8	2.2	0.8	H0.2	1.8	0.0	S1.0	2.3	-0.3	0.8	0.2	S1.1	C1.2	L0.3	C0.5	C1.1	15.4
6.4	-2.0	-2.1	73	9.1	0	0	81	1.1	-0.3	-0.5	1.2	H0.5	-0.6	P0.7	S0.5	0.9	0.9	0.4	-0.1	D0.1	C0.3	S0.3	C0.2	C0.3	12.9
3.1	1.7	-0.3	69	8.3	0	0	78	1.0	1.8	1.7	0.5	H1.6	1.7	P0.1	S0.6	2.5	0.8	0.2	0.3	S1.2	C1.7	L0.1	C0.8	C0.4	17.0
2.5	0.1	0.5	69	8.0	0	0	79	0.9	1.1	1.2	1.0	H0.6	0.9	P0.4	S0.3	1.3	0.5	0.4	-0.4	S0.4	C1.4	L0.1	0.0	C0.3	13.5
6.6	1.7	1.9	69	7.4	0	0	80	2.0	0.1	-0.1	0.8	H1.0	-0.3	P0.5	S1.0	2.8	2.6	0.6	0.6	S2.5	C1.2	L0.5	C0.6	B1.4	23.8
5.2	0.6	0.8	72	7.3	0	0	79	1.5	1.5	0.9	1.1	H0.2	0.8	P0.8	S1.1	1.7	2.2	1.3	0.2	S1.3	W0.1	S0.4	C0.3	B0.7	20.9
7.2	3.8	-0.6	72	8.1	0	0	80	1.0	0.5	0.7	1.4	H1.2	0.9	P0.3	S0.8	1.2	1.2	0.4	-0.8	S1.0	W0.8	L0.8	W1.6	C0.3	14.8
3.4	1.8	0.5	74	7.3	0	0	80	1.0	1.4	1.5	0.6	H0.7	1.2	S0.9	S0.1	1.5	0.3	0.2	0.4	S0.7	C0.2	L1.5	W0.7	C0.2	13.4
6.1	1.2	-1.4	68	7.9	0	0	78	1.2	-0.4	0.4	1.2	H0.7	0.6	P0.1	S0.6	0.9	1.3	1.2	0.3	D0.1	C1.0	S0.5	C0.3	0.0	14.3
5.8	2.4	-0.4	68	7.3	0	0	79	1.1	1.5	0.9	1.1	H0.6	0.8	S0.2	L0.1	1.6	1.6	0.4	-0.2	S1.5	W1.0	L0.7	W1.1	B0.8	17.7
5.8	3.9	0.3	69	9.2	0	0	78	1.4	1.6	0.2	1.9	H0.6	0.6	S0.2	S0.7	1.5	2.2	0.9	0.2	S1.2	C0.4	L0.5	W0.1	B0.2	19.9
4.2	2.2	1.4	70	6.2	0	0	79	0.7	0.0	-0.5	0.6	H0.7	-0.4	S0.3	L0.3	1.2	1.4	-0.3	0.8	S2.2	C0.8	L0.4	C0.8	B0.7	17.3
5.0	-1.5	-2.4	74	9.4	0	0	81	1.9	0.3	-0.4	1.9	L0.4	-0.7	P0.7	S0.4	1.2	3.0	2.1	1.1	S0.2	C0.8	L0.8	C0.7	B1.7	18.3
3.3	2.1	1.2	74	7.6	0	0	80	0.9	0.3	0.7	1.1	L0.6	0.1	S0.8	L0.7	0.3	0.8	1.0	1.4	D0.9	C0.6	L1.2	C0.6	B0.6	8.9
4.1	-0.2	-2.8	69	8.1	0	0	79	1.7	1.0	1.1	1.4	L0.1	0.8	P0.5	S0.8	1.9	2.0	1.1	0.5	S0.4	C1.3	L0.5	C0.9	B0.8	17.3
7.0	3.0	0.9	70	8.1	0	0	78	0.9	0.8	-0.2	-0.1	H0.1	-0.1	P0.1	S0.2	1.9	0.8	-1.1	-0.8	S2.2	0.0	S0.4	W0.6	C0.1	17.0
6.5	1.8	0.4	68	8.5	0	0	78	0.0	-1.3	-0.3	0.2	0.0	-0.5	P0.2	L0.2	-0.6	-0.6	-0.3	-0.2	D1.1	C0.8	S1.1	C0.5	C0.2	3.5
3.2	2.2	1.1	74	7.5	0	0	81	1.0	2.1	1.2	1.2	0.0	1.1	S1.5	L0.1	1.2	0.8	0.5	0.8	S0.4	C1.0	L0.9	C1.0	B0.3	13.0
4.8	0.5	2.1	68	6.6	0	0	77	0.9	-0.4	0.1	0.7	H0.2	-0.1	S0.2	L0.1	1.0	1.5	0.4	-0.1	S0.4	W0.7	L0.4	W1.1	B0.4	14.6
4.3	1.1	0.8	72	7.9	0	0	81	0.0	-0.5	0.7	0.5	H1.0	0.6	S0.1	L0.3	-0.5	-0.8	0.1	-0.8	D1.4	C0.9	S0.4	W0.1	C0.2	3.3
7.7	3.4	2.0	69	7.1	0	0	80	0.3	-0.8	-0.4	-0.1	H0.2	-0.3	S0.8	L1.2	0.6	0.6	-1.1	-1.4	S0.7	W1.2	L0.1	W1.2	B0.1	9.8
5.2	0.8	0.6	69	7.4	0	0	78	1.3	1.2	0.1	2.1	L0.7	0.2	S0.2	S0.8	1.5	2.0	0.7	-0.4	S0.5	C1.3	L0.6	C0.2	B0.2	16.9
6.4	1.5	0.0	68	7.3	0	0	78	1.0	0.8	0.4	1.2	L1.2	0.1	S0.1	S0.2	0.6	0.6	0.4	0.0	0.0	C0.5	S0.2	C0.3	C0.4	12.0
5.8	2.9	-1.0	72	8.1	0	0	80	1.9	0.9	0.7	1.6	H1.6	1.2	P0.6	S0.8	2.8	2.0	1.0	-0.6	S2.7	C0.8	0.0	0.0	C0.2	24.2
5.9	1.5	-1.3	69	8.6	0	0	78	0.7	0.1	0.5	-0.1	H0.2	0.1	P0.7	S0.9	1.9	-0.1	-0.5	0.4	S1.3	C0.8	S0.2	C0.5	0.0	14.3
5.4	-0.1	-2.2	70	9.3	0	0	79	1.7	-0.3	-0.6	1.4	H1.8	-0.1	P0.9	S0.6	2.9	2.5	0.7	-0.9	S1.8	C0.2	L0.2	W0.5	C0.1	23.5
4.2	1.6	-1.1	70	9.3	0	0	78	0.8	2.1	0.6	1.4	H0.3	1.0	S0.2	S0.4	0.9	1.1	0.7	-0.5	S1.1	W0.3	0.0	W0.3	B0.5	16.2
3.8	2.8	0.4	68	7.3	0	0	78	1.0	0.8	0.4	1.0	H0.3	0.7	P0.3	S0.8	1.6	1.1	0.2	-1.5	S0.7	C1.5	S0.2	W0.1	C1.2	14.1
4.0	1.3	0.7	69	8.7	0	0	78	1.3	0.5	0.5	1.5	H0.3	0.9	0.0	S0.8	1.6	1.3	1.1	0.1	S0.5	C1.0	L0.4	C0.4	C0.7	16.5
6.8	2.7	0.6	68	7.5	0	0	78	1.9	-0.6	-0.9	1.4	H0.2	-0.6	P0.3	S0.4	1.9	2.2	0.3	0.2	S1.4	C1.4	S0.1	C1.1	B0.8	19.0
3.7	2.0	2.9	69	7.2	0	0	78	1.0	2.7	0.5	1.0	H0.1	0.8	0.0	S1.2	1.9	0.9	-0.2	0.5	S2.1	C1.1	0.0	C1.0	C0.2	17.9
3.0	1.6	-1.3	70	9.2	0	0	78	1.5	2.6	1.4	1.8	H0.9	1.5	P0.1	S0.8	1.5	1.1	1.3	1.0	S0.5	C1.6	L1.2	C1.2	B0.5	14.7
2.7	1.4	-0.1	69	9.2	0	0	79	0.9	0.7	0.8	0.6	H0.6	0.7	P0.7	S0.5	1.7	0.5	0.1	-0.5	S0.2	C2.2	S0.3	C0.9	C0.5	12.1
5.5	-0.9	-0.3	70	8.9	0	0	80	1.5	1.5	0.1	1.6	H0.4	0.0	P0.2	S0.6	1.5	2.1	1.1	0.5	S0.4	C0.7	L0.4	C0.6	B0.4	17.5
4.1	2.9	0.3	71	8.8	0	0	79	1.1	0.5	0.4	0.7	H0.6	0.6	P0.1	S0.6	2.1	1.3	0.3	-0.9	S1.2	C0.5	L0.5	W0.9	C0.2	17.4
4.1	1.9	-0.8	71	7.7	0	0	79	1.1	0.9	1.0	1.2	L1.4	0.2	S0.6	L0.1	0.5	1.8	1.6	1.2	D0.3	C0.6	L0.3	C0.2	B1.3	13.8
6.3	-0.9	-2.6	73	8.6	0	0	80	1.7	-1.0	-1.4	2.2	H0.5	-1.6	P0.2	L0.1	0.5	2.1	1.3	0.5	D0.8	C0.7	L0.4	C0.2	B0.5	13.5
5.6	2.2	0.5	70	8.6	0	0	78	1.9	2.7	0.5	1.9	H0.9	1.0	P0.8	S2.0	3.4	2.9	0.7	1.0	S4.0	W0.1	L0.9	W0.2	B0.7	22.0
6.6	0.4	-0.5	71	7.2	0	0	80	1.6	-0.1	-0.2	0.5	H1.3	-0.1	P0.3	S0.9	3.5	2.6	0.1	-0.2	S3.6	0.0	L0.3	W1.0	B1.6	21.6
2.0	0.6	-0.2	70	8.7	0	0	78	0.6	2.1	2.0	0.7	H0.3	2.0	S0.4	S0.3	0.9	0.1	0.9	0.7	D0.5	C1.9	L0.6	C1.2	C0.5	9.3
6.3	2.2	-0.4	72	8.2	0	0	80	0.7	-0.1	0.5	0.0	L0.1	-0.2	P0.4	S0.2	0.8	0.9	0.3	0.3	S0.3	C0.1	S0.1	W0.5	B1.3	12.9
3.5	1.1	-1.7	70	8.5	0	0	78	0.8	1.2	0.2	1.0	L0.5	0.1	S0.7	L0.3	1.4	0.9	0.7	-0.1	S0.4	C1.0	L0.5	C0.2	B0.1	15.0
5.6	2.4	0.1	69	8.5	0	0	78	1.3	0.1	0.3	0.7	H0.8	-0.3	S0.1	S0.3	1.3	1.2	0.9	0.3	S0.5	C1.1	L0.8	C0.2	B0.7	15.3
5.3	1.3	-2.2	70	9.4	0	0	78	1.6	2.0	1.3	1.3	H1.6	1.7	P0.5	S1.4	2.6	1.3	0.7	0.2	S2.1	C0.2	L0.7	W0.1	C0.1	22.0
6.0	1.8	0.6	74	8.3	0	0	81	0.8	1.1	0.7	-0.1	L0.5	0.3	P0.3	S0.8	2.4	-0.1	-0.5	0.5	S2.0	C1.1	L0.8	C0.5	0.0	16.2
5.3	2.8	1.0	70	8.2	0	0	80	1.3	-0.5	0.0	0.9	H1.4	-0.2	P0.4	S0.4	2.0	1.8	0.5	0.0	S1.2	C1.6	L0.9	C0.3	B1.0	18.3
4.8	1.7	0.7	70	9.3	0	0	78	1.4	0.6	0.4	1.8	L0.1	0.1	S0.2	S0.7	0.9	1.8	1.2	0.5	0.0	C1.0	L0.1	C0.4	C0.1	15.4
7.9	2.5	0.2	69	7.8	0	0	78	0.3	-1.2	-1.1	-0.5	L0.2	-0.6	P0.3	L0.3	1.0	0.2	-1.0	-1.0	S1.1	W0.4	S0.9	W0.8	C0.9	10.9
5.9	1.6	0.9	69	9.0	0	0	79	0.4	-1.0	0.4	0.5	H0.3	-0.5	0.0	S0.1	0.6	0.1	0.1	-0.6	D1.0	C0.6	0.0	W0.2	0.0	8.2
5.7	-0.1	-3.3	72	8.0	0	0	80	1.6	0.6	-0.3	1.9	H0.8	-0.1	P0.8	S0.5	1.1	2.1	1.1	0.1	S0.7	C0.8	L0.4	C0.5	B1.1	17.4

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
G	JX CAL-MART JOEY (5)-ET	USA 067975089	C	JNS-TF	29JE4408	169			78	503	0.26	80	0.11	43	705	688	2.94
G	JX VICTORY NICKLAUS MULLIGAN (6)-ET	840003252418033	F	JNS-TF	614JE2159	169			75	1122	0.04	64	0.00	42	635	628	2.87
G	JX CAL-MART TEAK (5)-ET	USA 067975009	F	JNS-TF	29JE4377	169			78	650	0.23	81	0.08	41	711	696	2.85
A	JX AVI-LANCHE HOTLINE RHODES (5)	840003148507743	F	JNSC	7JE1879	168	18	86	93	1002	0.08	66	0.08	54	656	638	2.78
G	JX FOREST GLEN BAZZAR ABLE (6)-ET	USA 067650624	F	JNS-TF	29JE4406	168			75	793	0.12	64	0.11	54	665	649	3.00
G	JX PINE-TREE BUTTERFLY (5)-P-ET	USA 067652888	F	JNS-TF	7JE2233	168			75	933	0.14	76	0.08	51	691	679	3.01
G	JX VICTORY SKALSKI PING (6)-P-ET	840003252418538	F	JNS-TF	614JE2152	168			75	1128	-0.03	48	0.03	49	715	702	2.77
G	JX ABS HE TOUCHE (6)-ET	840003236266785	F	JNS-TF	29JE4411	168			74	629	0.22	78	0.11	48	700	684	3.01
G	JX CAL-MART BONGO (5)-ET	USA 067975048	C	JNS-TF	29JE4385	168			76	827	0.13	68	0.06	44	732	719	2.91
G	JX PINE-TREE GABOR (6)-ET	USA 067652837	F	JNS-TF	97JE242	168			76	511	0.25	79	0.10	41	696	679	2.90
G	FOREST GLEN GISLEV ALVORD-ET	USA 067650559	F	JNS-TF	29JE4320	168			78	494	0.23	73	0.11	41	631	611	2.76
G	JX PEAK ALTAGUETTA (5)-ET	840003250025870	F	JNS-TF	11JE7481	167			73	1341	0.03	71	0.04	59	742	731	2.98
G	JX DUPAT SKALSKI ARMIN (6)-ET	840003242639156	F	JNS-TF	7JE2195	167			75	783	0.16	73	0.11	53	765	747	2.95
G	PROGENESIS DEFENSE-ET	840003209774761	F	JNS-TF	777JE1403	167			75	760	0.19	79	0.10	49	667	649	2.84
G	JX AVI-LANCHE BOOM (6)-ET	840003250244717	F	JNS-TF	29JE4431	167			73	879	0.17	81	0.07	48	749	735	2.91
G	JX SEXING STONE IVER (4)-ET	840003213129206	F	JNS-TF	551JE1939	167			76	687	0.22	82	0.06	38	798	787	2.93
G	JX PEAK KEEPSAKE (6)-ET	840003242794359	C	JNS-TF	1JE7419	167			74	532	0.15	59	0.08	37	630	616	2.90
G	JX MM POP SECRET (5)-P-ET	840003245152318	F	JNS-TF	777JE1408	167			77	22	0.19	41	0.09	19	707	691	2.72
G	JX VIERRA BADCOMPANY (6)-ET	840003233448727	F	JNS-TF	777JE1429	166			75	1004	0.11	72	0.09	57	640	622	2.85
G	CAL-MART JUDO-ET	USA 067504844	F	JNS-TF	29JE4306	166			78	191	0.27	67	0.14	38	675	654	2.83
G	JX VIERRA HENDRIX (4)-ET	840003209748346	F	JNS-TF	1JE7343	165			78	1539	-0.05	64	0.02	60	618	608	2.85
G	JX CAL-MART HOLMES (5)-ET	USA 067665202	F	JNS-TF	29JE4445	165			77	1150	0.06	69	0.06	56	774	758	2.81
G	SEXING JIG VIKTOR-ET	840003146621465	F	JNS-TF	551JE1862	165			77	913	0.13	74	0.08	52	687	670	2.86
G	JX DUPAT CORSAIR AXWELL (6)-ET	840003242639146	F	JNS-TF	250JE2188	165			75	1563	-0.07	59	-0.04	49	735	731	2.88
G	JX KASH-IN SD KADEN (5)-ET	840003215634024	F	JNS-TF	551JE1934	165			78	233	0.24	63	0.15	40	691	669	2.85
G	JX PEAK RAPIDDASH (5)-ET	840003229908109	F	JNS-TF	1JE7395	164			75	831	0.16	75	0.12	57	761	742	2.96
A	JX TWINRIDGE ALTASSASSO (4)-ET	840003207538047	F	JNS-TF	11JE7161	164	4	10	83	961	0.11	70	0.08	52	628	616	3.05
G	PEAK BLITZBRIGADE-ET	840003252197636	F	JNS-TF	1JE7480	164			73	698	0.16	69	0.10	48	636	621	3.01
G	JX SEXING VERO (4)-ET	840003213128997	F	JNS-TF	551JE1951	164			77	696	0.18	74	0.09	45	734	719	2.91
G	CAL-MART SHORTSTOP-ET	USA 067975129	F	JNS-TF	29JE4415	164			79	1113	0.06	67	0.01	44	845	834	2.75
G	JX ABS AJ GIANT (5)-ET	840003236266707	C	JNS-TF	29JE4401	164			75	510	0.26	81	0.11	42	699	682	2.88
G	RIVER VALLEY MAC HERSHEY-ET	840003236548513	F	JNS-TF	777JE10078	163			75	1027	0.13	79	0.08	56	673	657	2.88
G	JX CAL-MART JFK (5)-ET	USA 067484919	F	JNS-TF	29JE4339	163			79	1215	-0.01	56	0.02	50	677	667	2.88
G	CAL-MART JACKED-ET	USA 067975123	F	JNS-TF	29JE4414	163			75	1022	0.10	72	0.04	47	745	735	2.93
G	JX VICTORY S-S-I GOALS HAPPY (6)-P-ET	840003232102727	F	JNS-TF	614JE2078	163			77	644	0.18	70	0.09	43	715	701	3.00
G	JX PRIMUS DIMITRI CHEKHOV (5)-P-ET	840003223296520	F	JNS-TF	7JE2054	163			79	646	0.20	75	0.07	40	704	689	2.83
G	JX BOS DON LUCAS (6)-ET	840003256872260	F	JNS-TF	200JE1460	163			76	601	0.24	82	0.08	40	771	757	2.94
G	JX PINE-TREE ICECREAM (4)-ET	USA 067652759	F	JNS-TF	515JE8	163			77	860	0.09	61	0.03	39	672	662	2.88
G	JX SEXING STONE HENLEY (4)-ET	840003213128816	F	JNS-TF	551JE1950	163			76	608	0.22	78	0.07	38	751	740	3.02
G	JX VICTORY DABO REVILLO (6)-P-ET	840003252418085	F	JNS-TF	14JE2154	163			75	922	0.00	45	0.01	36	670	661	2.75
G	AHLEM DENAHI-P-ET	840003246946017	F	JNS-TF	200JE1427	162			78	1773	-0.12	58	0.00	64	777	768	2.87
A	KASH-IN SUGAR DADDY-ET	840003149286929	F	JNS-TF	551JE1798	162	25	202	96	865	0.20	87	0.11	57	662	643	2.89
G	JX PINE-TREE ABS AJ WILLARD (5)-ET	840003258244067	F	JNS-TF	29JE4452	162			74	1446	0.05	81	0.01	55	731	721	2.81
G	TOG BRAYDEN-P-ET	840003249057205	F	JNS-TF	1JE7600	162			74	1006	0.03	55	0.08	54	710	692	2.78
G	JX PEAK DOUBLE PLAY (5)-ET	840003215564964	F	JNS-TF	1JE7289	162			77	1412	-0.02	64	-0.02	48	610	601	2.74
G	JX CAL-MART WOOSHA (4)-ET	USA 067975051	F	JNS-TF	29JE4391	162			78	-83	0.32	63	0.09	17	761	745	2.76
G	JX TAYLOR BROTHERS WOLCOTT (5)-ETN	840003213127176	F	JNS-TF	551JE1895	161			78	1384	0.03	74	0.02	55	760	753	3.01
G	JX TAYLOR BROTHERS GERON (5)-ETN	840003213127174	F	JNS-TF	551JE1894	161			78	1384	0.03	74	0.02	55	760	753	3.01
G	SEXING SD ENDER-ET	840003213126919	F	JNS-TF	551JE1893	161			77	1006	0.12	75	0.07	52	711	698	2.95
G	RIVER VALLEY MAC MONUMENT-ET	840003250476648	F	JNS-TF	200JE10080	161			78	1783	-0.17	48	-0.07	50	709	708	2.83
G	JX CAL-MART GUZZLE (6)-ET	USA 067975171	F	JNS-TF	29JE4439	161			74	1072	0.05	62	0.03	46	754	744	2.86
G	VICTORY WINDSOR DECHAMBEAU (5)	840003259012663	F	JNS-TF	7JE2199	160			75	1952	-0.04	86	-0.04	63	782	780	2.97
G	S-S-I VICTORY GEPETTO SCHOOLEY-ET	840003257225015	F	JNS-TF	7JE2244	160			74	1249	-0.05	49	0.02	50	767	762	3.10
G	JX PEAK DROGON (6)-ET	840003229908351	F	JNSC	1JE7398	160			75	1003	0.07	64	0.04	46	650	636	2.79
G	JX PINE-TREE STONEY BEE (4)-ET	USA 067652774	F	JNS-TF	551JE1952	160			77	890	0.17	81	0.06	45	809	797	2.88
G	GOFF S-S-I LISTOWEL DABO-P-ET	840003217272164	F	JNSC	7JE1930	160			78	837	0.04	50	0.04	40	664	651	2.75

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

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
3.1	2.0	-0.2	72	8.6	0	0	80	1.1	0.2	0.0	1.1	L0.5	0.3	S0.1	L0.1	0.7	1.5	0.8	0.2	S0.3	C0.3	L0.3	W0.1	B0.1	15.2
5.0	2.5	0.5	70	9.0	0	0	78	1.4	1.8	1.3	1.4	H0.3	1.3	S0.4	S0.1	1.4	0.8	0.8	0.6	S0.7	C0.8	L0.9	C0.4	B0.5	14.9
4.2	1.4	-0.8	72	8.1	0	0	80	0.5	0.3	-0.1	0.6	H0.2	0.4	S0.3	0.0	0.3	0.0	-0.2	-0.1	S0.4	C0.6	S0.7	C0.5	C0.8	9.8
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
3.6	0.9	-1.1	69	8.7	0	0	78	0.9	0.3	0.5	0.3	H0.5	0.4	P0.1	S0.4	1.7	0.5	-0.4	0.1	S1.5	C0.5	S0.1	C0.3	C0.6	15.8
4.2	-0.7	-1.7	69	8.8	0	0	78	1.5	1.1	0.4	1.5	H1.2	0.7	P0.6	S0.4	1.9	1.5	1.2	0.2	S0.9	C2.1	S0.7	C1.7	B0.4	17.2
7.0	2.8	-1.5	69	7.9	0	0	78	0.8	0.6	0.2	0.7	H1.2	0.6	P0.5	S0.8	0.6	-0.2	-0.1	0.0	S0.9	C0.8	S2.0	C1.3	C0.5	10.3
3.4	2.2	-0.4	70	9.7	0	0	78	1.4	1.6	0.3	1.7	L0.2	0.9	S0.7	S0.5	1.6	2.2	1.4	0.6	S0.9	C1.8	L0.1	C1.2	B0.5	18.6
4.8	2.1	-1.2	70	9.0	0	0	79	1.6	0.4	-0.1	2.0	H0.2	0.3	S0.5	L0.1	1.4	2.0	1.4	0.2	S1.3	C1.3	L0.2	C0.8	B0.3	19.6
2.8	2.0	-0.1	69	5.6	0	0	78	0.8	0.8	0.0	0.8	H0.7	-0.1	P0.1	S0.5	0.9	0.7	0.0	0.7	S1.8	C1.3	S0.1	C1.3	B0.2	15.0
3.3	0.0	-1.1	70	5.9	0	0	80	0.7	1.8	0.7	0.7	H0.1	0.1	P0.7	S1.3	1.6	0.8	-0.3	-0.2	S2.4	C0.2	S1.0	C0.2	C0.8	18.0
5.0	0.3	-1.1	68	7.2	0	0	77	0.5	-0.3	0.4	0.6	H0.2	0.1	S0.5	L0.5	0.0	-0.4	-0.2	-0.6	D0.8	W0.5	S0.2	W0.7	C1.2	5.4
5.1	2.0	-1.5	70	8.0	0	0	78	1.1	0.2	0.0	1.2	H0.8	0.4	P0.2	S0.2	0.6	0.7	0.9	0.3	S0.1	C1.6	S0.6	C0.9	B0.1	12.1
3.4	-0.4	-1.8	70	9.0	0	0	78	0.9	1.4	0.7	1.0	L0.2	0.5	0.0	S0.1	1.2	1.1	0.9	0.9	S0.5	C1.4	L0.2	C0.9	0.0	14.6
5.0	2.0	-1.6	68	8.1	0	0	77	1.5	1.1	0.9	2.3	H1.0	0.5	P0.4	S1.1	0.5	1.7	1.7	-0.4	D0.6	W0.4	L0.6	W1.3	B0.6	13.4
6.4	1.3	-2.6	72	7.6	0	0	79	1.0	-0.9	-0.2	1.2	H2.7	0.3	P0.2	S0.5	0.9	0.7	0.1	-0.7	S1.2	W0.3	S0.3	W0.5	B0.5	14.4
5.1	2.1	0.6	69	8.9	0	0	78	1.0	1.6	0.5	0.7	L0.2	1.1	S0.5	S0.3	2.4	1.3	0.3	-0.7	S1.2	C0.7	S0.1	C0.1	C0.8	18.3
7.6	3.9	1.9	69	7.7	0	0	79	0.8	-1.4	-0.7	-0.2	H1.9	-0.2	P0.2	S0.7	2.1	0.8	-0.8	-1.0	S2.3	C0.1	S0.4	W0.4	B0.1	17.9
2.7	-0.3	-1.2	69	8.7	0	0	78	1.5	1.0	1.4	1.5	H0.7	1.2	P1.3	S1.1	1.7	1.5	1.7	0.4	0.0	C1.4	0.0	C0.4	C0.2	16.9
3.6	3.1	1.4	70	8.2	0	0	80	0.8	0.6	0.1	0.5	H0.6	0.5	P0.8	S0.2	0.5	0.9	-0.4	0.2	S0.7	W0.3	L1.4	W0.8	C0.3	11.9
3.1	0.8	-0.1	71	6.6	0	0	80	0.2	0.9	1.1	0.4	L0.3	0.9	S0.1	S0.1	0.5	-1.1	-0.4	-0.2	D0.4	W0.2	L0.1	W0.2	C2.0	6.0
4.6	2.3	-0.9	69	8.3	0	0	79	0.8	-0.6	0.3	1.4	L0.1	0.0	S0.7	L0.3	-0.3	0.9	0.7	0.2	D0.9	C0.2	L0.4	W0.3	B0.5	9.3
5.0	1.1	-3.9	73	8.9	0	0	80	1.2	1.6	0.8	1.0	H1.8	1.1	P1.4	S1.7	2.1	0.8	0.3	-0.8	S2.0	C1.0	S0.8	C0.2	C0.3	18.4
6.3	2.6	-2.5	69	8.5	0	0	78	2.2	2.3	0.0	1.8	H1.5	0.5	P0.6	S1.4	3.3	3.0	0.7	1.4	S3.7	C1.5	L0.5	C1.4	B0.8	21.5
5.3	1.6	-0.1	71	8.0	0	0	80	0.7	0.1	0.0	0.6	H0.7	0.1	P0.1	0.0	0.1	0.5	-0.2	-0.3	S0.1	W1.0	L0.7	W1.4	B0.4	9.0
4.3	0.1	-0.8	67	6.7	0	0	77	0.4	0.2	-0.2	0.9	H0.6	-0.2	S0.7	L0.3	0.0	0.0	-0.5	0.8	D0.6	C1.2	0.0	C1.4	C0.2	5.9
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
3.8	0.5	0.1	68	8.3	0	0	77	1.2	0.9	1.1	1.6	H0.6	0.7	P0.7	S0.6	0.9	1.0	1.3	0.3	D0.6	W0.2	L1.1	W0.5	0.0	12.8
5.3	2.2	-1.5	73	8.5	0	0	80	1.3	0.5	0.6	1.2	H0.6	0.4	S0.5	S0.4	1.7	1.2	0.2	0.1	S1.5	W0.5	L1.2	W1.0	B0.3	17.2
6.8	2.0	-0.8	73	8.3	0	0	81	0.6	-2.4	-0.6	0.7	0.0	-1.1	S0.6	L1.1	-0.5	0.7	0.5	-0.4	D1.6	W0.2	S0.3	W1.2	B0.4	6.2
3.8	1.8	-1.4	69	8.4	0	0	78	0.9	1.1	0.2	1.0	H0.2	0.4	S0.3	S0.3	1.2	0.9	0.6	0.4	S1.0	C1.5	S0.2	C1.5	B0.4	14.8
3.2	-0.2	-2.0	70	8.4	0	0	79	1.1	0.6	1.0	1.8	H0.5	1.3	S0.4	S0.5	1.0	1.1	1.4	-0.3	D0.5	C0.8	0.0	W0.1	C0.6	13.7
4.0	1.7	0.8	72	9.1	0	0	81	1.0	-0.1	0.3	1.1	H0.2	0.2	S0.3	S0.1	0.4	1.1	0.4	0.5	D0.1	C0.3	L0.9	W0.2	B0.9	11.5
4.6	3.6	-0.9	70	8.9	0	0	79	0.8	0.4	-0.4	0.6	L0.8	-0.2	S0.3	L0.3	0.3	0.6	0.2	0.2	S0.2	C1.7	S0.5	C0.9	C0.9	10.2
5.5	3.1	-0.2	69	7.9	0	0	79	0.9	0.0	0.4	0.3	L0.3	0.4	S0.3	L0.4	0.6	0.8	-0.2	-0.1	S0.1	W0.6	L1.5	W0.9	B0.2	10.7
4.6	1.0	-2.4	73	8.2	0	0	81	1.7	0.7	0.2	0.9	H0.2	0.1	P0.2	S0.8	2.5	2.4	0.3	0.2	S2.4	0.0	L0.9	W1.1	B0.6	23.1
4.5	0.3	-0.5	68	5.5	0	0	77	0.8	0.3	-0.4	1.6	L0.6	-0.7	S0.1	L0.5	0.1	1.1	0.7	0.7	S0.8	C0.7	S0.5	C0.8	B0.1	13.5
5.2	0.9	-0.5	71	6.6	0	0	80	1.4	-0.1	0.3	1.4	H1.6	0.7	P1.0	S1.1	1.6	1.4	0.7	-0.5	S1.2	C0.7	L0.4	W0.3	B0.2	17.9
6.2	2.0	-3.0	72	7.2	0	0	79	1.4	-0.1	0.2	1.5	H3.1	0.8	P0.3	S1.1	2.2	1.5	0.3	-0.5	S2.2	C0.1	S0.1	W0.6	B0.4	21.0
6.4	2.5	0.2	70	9.3	0	0	78	0.7	-0.4	-0.2	0.7	L0.4	0.2	S0.6	L0.3	0.8	0.4	0.0	-0.3	S0.6	C0.8	S1.0	C0.2	C0.6	12.0
5.2	-1.2	-2.2	70	8.5	0	0	80	1.1	-1.0	-0.5	1.7	H1.0	-0.4	P0.5	S0.5	0.0	1.2	1.0	0.8	D1.2	C0.7	S0.2	C0.8	B0.8	9.1
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
3.5	-1.1	-1.5	68	7.7	0	0	78	0.9	0.6	0.1	1.8	L0.6	-0.3	0.0	S0.5	-0.3	1.2	1.5	-0.4	D1.2	C0.8	S0.2	C0.1	B0.5	10.1
4.5	0.4	0.1	68	8.4	0	0	78	0.2	0.1	0.0	0.9	L1.1	-0.4	S0.2	0.0	-0.5	0.8	0.7	-0.1	D1.0	W0.9	S0.8	W0.8	B0.1	8.0
3.4	0.7	-0.9	72	8.0	0	0	80	1.3	2.2	0.7	2.2	H1.5	0.8	S0.3	S0.7	1.0	0.8	0.8	0.1	S0.9	C0.5	S0.6	C0.4	C0.7	15.2
6.8	2.4	0.5	73	8.0	0	0	80	0.7	-2.5	-1.3	0.1	H1.4	-0.8	P0.3	L0.1	1.1	0.3	-0.8	-1.3	S1.3	C0.2	S0.1	W0.7	C0.2	12.7
4.9	0.8	-2.0	72	7.0	0	0	80	1.0	-0.1	0.4	1.0	H0.8	-0.1	P0.7	S0.2	0.8	1.8	1.0	-0.1	S0.1	W0.6	S0.2	W0.2	B0.7	15.4
4.9	0.8	-2.0	72	7.0	0	0	80	1.0	-0.1	0.4	1.0	H0.8	-0.1	P0.7	S0.2	0.7	1.8	1.0	-0.1	S0.1	W0.6	S0.2	W0.2	B0.7	15.2
4.5	-0.8	-1.8	70	7.6	0	0	79	0.7	1.1	0.2	1.6	H0.2	0.1	P0.3	S0.5	0.2	0.7	0.8	-0.2	D0.3	C0.6	S0.5	C0.1	B0.3	11.2
5.8	-0.4	0.2	73	8.2	0	0	80	0.8	-0.3	-0.7	1.3	H0.9	-0.6	S0.9	L0.6	0.8	1.5	1.1	0.1	D0.6	W0.1	L0.7	W1.2	C0.2	13.2
5.1	1.8	0.0	69	8.2	0	0	78	0.6	-1.0	-0.1	1.3	L0.2	-0.7	S0.4	S0.1	0.0	0.8	1.2	0.6	D1.6	C1.5	0.0	C1.0	B0.7	7.5
3.2	-1.2	-1.9	69	7.4	0	0	77	1.0	-0.5	-0.1	1.7	L0.8	-0.5	S0.4	L0.4	-0.5	0.9	1.4	0.5	D1.5	W0.3	L0.4	W0.4	B0.3	8.4
6.2	1.9	0.6	68	8.0	0	0	77	1.6	-0.8	-0.6	1.6	H0.8	-0.5	P0.1	S0.3	0.7	1.8	0.7	0.6	S0.2	C1.3	L0.2	C1.0	B0.1	14.2
4.4	0.5	-0.8	69	7.9	0	0	78	0.3	0.8	0.3	0.6	H0.7	0.3	S0.7	L0.3	1.1	-0.3	-0.7	-0.5	S1.3	C0.3	S0.2	0.0	C1.2	12.1
5.4	-0.2	-2.9	72	7.0	0	0	80	1.2	-0.9	-0.8	1.9	H1.8	-0.4	P0.5	S0.1	0.6	1.9	1.0	-0.8	S0.3	W0.7	L0.9	W1.3	B1.1	14.1
5.9	3.3	0.1	74	9.4	0	0	81	0.5	-0.1	0.3	0.4	H0.2	0.7	S0.4	L0.1	0.4	-0.1	0.3	0.2	D0.1	C1.0	S1.1	C0.6	C0.7	8.9

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
G	GOFF S-S-I GUTZ PETER-ET	840003247596860	C	JNS-TF	7JE2125	160			76	511	0.28	85	0.09	39	702	689	3.04
F	ISDK VJ HOEMLUND GISLEV GIANT	DNK 000304608	F	JNS-TF	236JE5006	160	261	1,028	88	-443	0.46	75	0.20	26	588	558	2.60
G	JX SEXING GALL IRONTON {5}-ET	840003213129253	F	JNS-TF	551JE1969	159			77	1595	0.02	82	0.01	61	795	788	3.02
G	VALSIGNA PINE BLIZZARD	840003126987947	F	JNS-TF	7JE1965	159			78	973	0.05	59	0.06	49	619	609	3.02
G	KASH-IN SD PRESENT-ET	840003215633482	F	JNS-TF	551JE1933	159			78	503	0.24	76	0.11	42	626	608	2.81
G	JX SEXING DEL RIO {5}-ET	840003213129297	F	JNS-TF	551JE1985	158			77	1912	-0.08	74	0.01	72	754	751	3.25
G	JX GOFF S-S-I CORSAIR HILTON {6}-ET	840003252417770	F	JNS-TF	250JE2145	158			73	1565	-0.08	57	-0.01	55	662	656	2.89
G	JX MM LUCIEN {5}-ET	840003250241086	F	JNS-TF	777JE1464	158			78	1085	0.13	82	0.06	53	703	693	3.08
G	PEAK ALTADUMFRIES-ET	840003248055857	F	JNS-TF	11JE7454	158			74	928	0.14	76	0.08	52	706	692	2.97
G	FOUR J ALTALEOPOLD {6}-P-ET	840003209703666	F	JNS-TF	11JE7532	158			75	954	0.17	84	0.06	49	779	764	2.83
G	JX VICTORY DABO ODYSSEY {6}-ET	840003252417985	F	JNS-TF	7JE2144	158			75	855	0.06	55	0.07	47	634	619	2.85
G	PROGENESIS MAJORLEAGUE-P-ET	840003209774795	F	JNS-TF	200JE1425	158			75	162	0.29	69	0.17	43	663	637	2.80
G	JX CAL-MART BETTIS {5}-ET	USA 067424769	F	JNS-TF	29JE4273	158			79	281	0.27	72	0.13	39	666	647	2.91
G	TOG JACOB-P-ET	840003253611016	F	JNS-TF	1JE7527	157			73	1073	-0.03	46	0.03	47	743	732	2.87
G	PROGENESIS DAVIDSON-ET	840003218949160	F	JNS-TF	777JE1382	157			77	834	0.12	68	0.04	40	670	659	2.84
G	JX VICTORY GUTZ YARDAGE {6}-ET	840003247596815	F	JNS-TF	14JE2123	157			76	555	0.18	67	0.07	36	730	718	2.90
G	BOS LATITUDE BRADEN-ET	840003256871993	F	JNS-TF	97JE243	156			74	823	0.16	75	0.14	61	640	620	3.04
G	JX VIERRA ALICE COOPER {5}-ET	840003250243132	F	JNS-TF	200JE1471	156			78	1443	0.08	89	0.03	60	816	805	2.88
A	JX DODAN LH TROOPER {4}	840003203116924	F	JNS-TF	29JE4204	156	24	396	97	1068	0.02	56	0.04	48	602	591	2.91
G	VALSIGNA GISLEV UNCOMMON-ET	840003221914142	F	JNS-TF	7JE2023	156			78	724	0.10	56	0.04	35	544	533	2.86
G	JX CAL-MART BINGO {6}-ET	USA 067975157	F	JNS-TF	94JE4420	156			74	406	0.12	46	0.08	33	539	525	2.86
G	JX PEAK ALTASINGLETON {5}-ET	840003224956551	F	JNS-TF	11JE7351	155			76	1127	0.07	70	0.08	60	600	585	3.01
G	ROWLEY OVERALLS KOKOMO-ET	840003250479289	F	JNS-TF	14JE2234	155			75	1086	0.09	73	0.04	48	773	764	2.99
G	JX PINE-TREE TING {4}-P-ET	USA 067652767	F	JNS-TF	777JE1426	155			77	1203	0.03	66	0.00	44	692	687	2.97
G	JX S-S-I VICTORY L SKALSKI {5}-P-ET	840003217272537	F	JNS-TF	14JE1929	155			79	524	0.11	50	0.08	37	671	656	2.83
G	GOFF S-S-I MONSTER HEISNER-P-ET	840003252418440	F	JNS-TF	7JE2148	154			73	1453	-0.01	67	0.01	56	718	710	2.94
G	RIVER VALLEY MAC MARGIN-ET	840003236548441	F	JNS-TF	777JE10075	154			79	1446	0.05	81	0.00	54	819	811	2.88
F	ISDK VJ TUDVAD SAMSON STENO	DNK 000304715	F	JNS-TF	236JE4715	154	303	1,446	88	305	0.27	74	0.13	40	659	642	3.04
G	JX PRIMUS ROWAN CORSAIR {5}-ET	840003213193868	F	JNS-TF	250JE1947	154			79	748	0.11	61	0.05	39	596	584	2.88
G	ABS HE MOONWALK-ET	840003236266479	F	JNS-TF	29JE4362	154			75	734	0.17	74	0.04	35	623	615	2.96
G	JX VIERRA LUDACRIS {5}-ET	840003218042662	F	JNS-TF	777JE1364	153			79	1266	0.19	103	0.06	61	748	741	3.25
G	PEAK ALTASTARDUST-ET	840003252778603	F	JNS-TF	11JE7553	153			77	1498	0.05	84	0.00	55	808	805	3.09
G	JX SEXING BIG JOLT {5}-ET	840003213126362	F	JNS-TF	551JE1876	153			78	1088	0.09	72	0.06	54	739	729	3.09
G	JX PEAK ALTATWOPHER {6}-ET	840003242794400	F	JNS-TF	11JE7433	153			74	786	0.15	72	0.07	45	713	700	2.95
G	JX PEAK LASERBEAM {4}-ET	840003235933162	F	JNS-TF	1JE7458	153			77	659	0.16	67	0.08	41	580	566	2.87
G	JX VICTORY GUTZ TPC {6}-ET	840003247596761	F	JNS-TF	7JE2130	153			76	658	0.16	67	0.07	39	688	674	2.85
A	JX PRIMUS FOURNETTE CARDIFF {4}-ET	840003200135525	F	JNS-TF	7JE1786	153	25	197	96	1032	-0.18	9	-0.03	31	535	532	2.85
A	TOG BRONZE 36673-ET	840003149715762	F	JNS-TF	97JE200	153	12	143	95	1024	0.00	49	-0.03	30	664	660	2.81
G	JX RDO REDROCK {4}-ET	840003133376034	F	JNS-TF	29JE4263	153			76	666	0.03	39	0.02	29	544	534	2.75
G	BOS GUTZ BRENT-ET	840003256872298	F	JNS-TF	97JE241	152			76	1205	0.08	76	0.05	55	718	709	3.07
G	JX CAL-MART BAZZAR {5}-ET	USA 067424767	F	JNS-TF	29JE4276	152			79	1193	0.02	62	0.03	50	575	566	2.97
G	JX PEAK LANDMARK {5}-ET	840003235932754	F	JNS-TF	1JE7386	152			76	1067	0.03	58	0.05	50	669	657	2.91
G	VIERRA PRETENDERS-ET	840003218042459	F	JNS-TF	200JE1314	152			79	1065	0.17	90	0.03	46	628	622	3.06
G	AHLEM COLONEL	840003213753790	F	JNS-TF	29JE4279	152			78	1513	-0.13	43	-0.06	42	730	732	3.00
A	S-S-I VICTORY DASHIELL RENFROW-ET	840003203866923	F	JNSC	7JE1800	152	42	423	97	391	0.25	74	0.13	42	619	603	3.05
G	JX AVI-LANCHE JLS TUCKER HATCHET {5}-ET	840003212621957	F	JNS-TF	14JE2139	152			78	345	0.08	34	0.07	27	629	618	2.91
G	VIERRA MEGAETH-ET	840003250243170	F	JNS-TF	100JE7468	151			72	1316	0.00	63	0.06	62	787	775	3.04
G	JX PEAK ALTALOKAHI {5}-ET	840003242794308	F	JNS-TF	11JE7436	151			74	825	0.13	69	0.07	46	589	576	2.91
G	JX CAL-MART JOCKEY {5}-ET	USA 067504835	F	JNS-TF	29JE4326	151			78	948	0.14	76	0.04	43	617	609	3.01
A	FOREST GLEN JIGGY JALAPENO-ET	USA 067650510	F	JNS-TF	551JE1829	150	3	21	87	1112	0.02	59	0.05	53	701	688	2.89
G	VIERRA METALLICA-ET	840003224438296	F	JNS-TF	200JE1394	150			75	871	0.11	66	0.04	40	627	617	2.87
A	ISDK VJ RAASTRUP HIHL GISLEV	DNK 000304171	F	JNS-TF	236JE226	150	623	2,674	99	-90	0.28	55	0.16	31	513	488	2.71
G	TOG ROLLER 39545-ET	840003217483230	F	JNS-TF	551JE1885	150			78	513	0.10	46	0.05	29	642	627	2.65
F	ISDK HOHOLT GATES GOOGLE	DNK 000304819	F	JNS-TF	236JE4819	150	293	1,419	88	-975	0.34	22	0.21	6	559	531	2.64
G	JX PEAK SHOUTOUT {5}-ET	840003217429034	F	JNSC	1JE7402	149			76	1119	0.02	59	0.04	50	543	535	3.06
G	LEGENDAIRY G DOZER-ET	USA 174749529	F	JNS-TF	7JE2231	149			76	1089	0.09	73	0.04	48	744	734	2.93

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

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
2.8	1.9	-1.3	69	6.3	0	0	78	1.2	1.4	-0.3	1.7	L0.1	-0.2	S0.1	S0.5	1.1	1.6	0.9	0.9	S2.0	C1.7	S0.3	C1.6	C0.1	18.2
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
4.8	0.6	-1.6	73	8.4	0	0	80	0.9	0.1	0.5	1.5	0.0	-0.2	S0.1	L0.1	-0.4	1.2	1.7	0.9	D1.3	C0.2	S0.1	C0.9	B0.6	9.5
5.0	1.7	-1.0	74	10.1	0	0	81	1.2	2.4	0.9	1.3	0.0	1.2	S0.2	S0.3	1.4	1.5	1.0	-0.3	S1.2	C0.6	L0.4	W0.4	B0.1	18.4
4.3	1.8	-2.5	72	9.4	0	0	80	1.6	2.5	1.5	1.5	H1.2	1.2	P0.6	S1.2	2.4	2.0	0.9	0.4	S1.4	C0.3	L0.9	C0.2	B0.7	20.9
4.0	0.4	-0.9	73	6.7	0	0	79	0.8	0.6	0.8	1.1	L0.9	-0.2	S0.1	S0.3	-0.3	1.1	1.3	0.5	D1.0	W0.3	L0.7	W0.1	B0.7	9.9
3.7	0.4	-1.1	66	5.9	0	0	77	1.9	2.3	-0.3	2.5	L0.7	0.3	S0.3	S0.9	1.3	2.6	2.0	1.4	S0.8	C1.8	L0.2	C1.6	C0.1	18.9
3.7	0.3	-1.6	73	7.1	0	0	80	1.8	0.6	1.1	2.2	H0.8	0.9	P0.2	S0.9	1.1	2.2	2.1	0.5	D0.1	C0.3	S0.1	C0.3	C0.2	18.0
3.7	1.3	-1.9	69	8.7	0	0	78	1.6	0.8	0.3	1.6	H1.0	0.5	S0.2	S0.5	2.0	0.9	1.0	0.7	S0.7	C2.8	S0.8	C2.7	C0.1	14.4
4.8	-0.3	-2.2	69	8.1	0	0	78	0.4	-0.8	-0.4	1.1	H0.3	-0.3	S0.3	L0.9	-0.5	0.4	0.7	-0.4	D1.5	W0.2	L1.0	W0.9	B0.4	5.9
4.3	2.6	-0.1	69	8.3	0	0	78	0.7	0.6	0.8	1.0	H0.9	0.9	S0.1	S0.5	0.8	0.6	0.9	0.0	S0.1	C0.8	S0.6	C0.6	C0.1	13.0
3.4	-0.4	-0.2	70	8.8	0	0	79	0.2	-0.7	0.0	0.2	L0.2	0.1	S0.4	L0.8	0.5	0.1	-0.2	0.1	D0.1	C0.7	S0.3	0.0	0.0	9.9
4.0	0.7	-1.3	73	8.6	0	0	81	1.6	-0.3	0.5	1.6	H1.1	0.7	S0.4	S0.2	1.8	1.6	1.3	0.6	S0.7	C0.7	L0.7	C0.1	C0.1	18.3
6.6	2.4	0.0	69	8.2	0	0	78	0.5	-1.2	-0.3	0.8	H0.1	-0.5	S0.8	L0.4	-0.2	-0.1	0.1	0.7	D1.1	C1.4	S0.9	C1.2	C0.4	4.7
4.4	-0.6	-2.0	70	9.3	0	0	80	1.9	0.2	-0.2	0.7	H0.5	0.1	P0.4	S0.3	2.9	2.4	0.5	-0.1	S1.8	C0.7	L0.5	C0.4	B0.7	22.9
4.4	1.4	-0.2	69	5.7	0	0	77	0.3	-1.0	-0.9	0.5	H1.0	-1.0	P0.3	0.0	0.2	0.5	-0.3	-0.2	S1.5	W0.3	S1.1	C0.1	0.0	13.4
1.7	-0.6	-0.2	69	8.0	0	0	78	1.3	0.7	1.1	1.0	H0.8	1.0	P0.4	S0.8	1.4	0.8	0.6	1.0	S0.5	C1.3	S0.1	C0.9	B0.2	13.9
3.3	-2.1	-3.5	73	8.4	0	0	80	1.2	-0.7	-0.9	1.9	L0.5	-1.1	P0.2	L0.1	-0.1	2.3	1.5	0.5	D1.1	W0.2	L0.7	W0.3	B0.9	12.3
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
2.7	1.8	1.0	71	6.8	0	0	80	0.5	0.7	0.6	0.0	H0.3	0.2	P0.9	S0.8	1.2	0.7	-0.3	0.2	S1.6	C0.2	S0.3	C0.3	C0.5	15.7
4.2	2.7	1.3	68	8.0	0	0	77	2.1	0.6	1.2	0.4	H2.6	2.2	P0.6	S1.7	5.0	1.8	0.1	0.5	S3.9	C2.9	L0.7	C1.8	B0.6	17.7
2.3	-1.6	-0.9	69	8.3	0	0	78	0.7	2.5	0.5	1.5	H0.2	0.6	S0.1	S0.3	0.8	0.5	0.4	0.2	S0.3	C1.5	L0.3	C0.9	C0.3	11.9
4.6	0.0	-1.8	70	9.4	0	0	78	1.7	0.0	-1.0	2.3	H0.3	-0.6	S0.5	0.0	1.0	2.2	1.6	0.8	0.0	C1.6	S0.3	C1.4	C0.1	15.8
5.0	0.8	-1.9	72	7.3	0	0	80	1.7	-0.1	0.2	1.9	H1.0	0.4	P0.8	S0.8	1.1	1.9	1.3	0.1	S0.7	C1.0	L0.5	C0.3	B0.9	17.4
6.1	2.3	-1.7	73	9.0	0	0	81	1.4	-0.3	-0.2	0.8	H2.3	0.6	P1.3	S1.0	2.5	0.9	0.0	-0.3	S2.0	C1.2	S1.7	C0.5	C0.5	18.3
3.5	1.7	-0.1	70	8.7	0	0	78	1.3	1.0	-0.1	2.6	L0.1	0.1	S1.2	L0.2	-0.4	0.9	1.7	1.7	D1.2	C2.1	S0.4	C1.9	C0.1	7.3
4.6	-2.4	-3.4	73	8.1	0	0	81	1.5	-1.4	-1.2	2.5	H0.4	-1.2	S0.3	L0.4	-0.1	2.1	1.6	0.4	D1.5	C0.3	L0.2	W0.2	B0.5	11.7
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
4.0	0.7	-0.6	74	8.7	0	0	81	1.6	2.2	0.3	0.7	H0.7	0.8	P1.2	S1.7	3.5	2.0	0.0	0.9	S3.7	C1.0	L0.3	C0.7	C0.8	19.7
3.0	2.0	0.3	68	7.3	0	0	78	1.8	1.5	0.6	1.8	L0.1	0.7	P0.2	S0.7	2.6	2.1	1.0	0.9	S1.7	C1.6	L0.2	C0.9	C0.2	21.5
3.3	-0.5	-3.4	73	7.0	0	0	80	1.3	1.9	1.0	1.6	L0.7	0.3	P1.0	S0.7	0.7	2.4	2.0	-0.1	S0.2	W1.2	L0.5	W0.9	B0.5	17.4
4.2	-0.9	-2.6	72	8.1	0	0	80	1.5	-0.5	-0.8	2.1	H1.1	-1.2	P0.1	L0.2	0.2	2.4	1.4	0.0	D0.8	C0.1	L0.1	W0.2	B1.0	14.2
4.5	-0.3	-1.3	73	8.4	0	0	80	1.2	0.1	0.1	1.3	H0.6	-0.5	P0.7	S0.7	0.8	1.5	1.2	0.3	D0.2	C0.1	S0.3	C0.5	B0.1	14.7
5.0	1.7	-1.2	69	8.7	0	0	78	0.9	1.1	0.0	2.1	L0.1	0.5	S1.0	L0.7	0.2	1.8	1.6	0.8	D0.8	C0.4	L0.7	C0.3	B0.4	12.7
4.5	1.4	-0.5	72	7.4	0	0	80	0.7	0.7	1.9	1.0	H1.7	1.9	P0.5	S0.7	1.1	-0.3	0.5	-1.3	S0.2	W0.3	L0.5	W1.2	C1.4	9.9
3.4	1.7	-0.4	68	5.4	0	0	77	0.1	-0.7	-0.7	0.2	H0.8	-0.8	S0.1	L0.1	-0.1	-0.3	-0.7	-0.4	S1.5	C0.4	S1.7	C0.8	C0.2	9.9
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
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
6.2	2.8	1.3	68	5.2	0	0	78	0.5	1.3	0.7	-0.3	L0.6	0.9	P0.4	S0.3	1.4	0.4	-0.9	-0.1	S1.8	C0.5	L0.1	W0.5	C0.7	14.9
2.5	0.1	-0.5	69	5.6	0	0	78	0.9	0.2	-0.3	1.7	H0.2	-0.6	0.0	S0.3	-0.5	0.9	0.7	0.8	S0.1	C1.0	L0.1	C0.7	B0.6	10.3
2.7	0.1	-1.3	73	8.8	0	0	81	1.3	0.3	0.9	1.2	H1.4	1.3	S0.4	S0.3	2.1	1.4	1.0	0.0	S1.1	C0.1	L0.7	W0.4	C0.3	19.4
4.6	-0.5	-0.6	69	7.9	0	0	78	0.7	0.4	-0.3	0.7	H0.6	-0.4	S0.1	L0.4	0.7	0.2	-0.2	-0.3	D0.1	C0.7	L0.1	C0.1	C0.5	10.1
2.2	-1.5	-0.8	73	7.9	0	0	81	1.6	1.5	0.6	1.5	H0.8	0.8	P0.3	S0.7	2.1	1.6	0.7	0.7	S0.7	C1.6	L0.4	C1.5	0.0	16.9
6.0	1.5	-0.7	73	8.1	0	0	81	1.9	0.0	-1.6	1.9	0.0	-1.2	P0.8	S0.8	1.8	2.9	0.9	-0.2	S1.7	C0.4	S0.1	C0.3	B0.9	22.6
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
5.9	2.5	1.7	70	8.2	0	0	80	1.4	-0.6	-0.5	1.1	H2.2	-0.4	S0.1	S0.4	1.5	1.5	0.3	0.2	S1.7	C1.3	S0.9	C1.3	B1.0	17.2
6.1	-0.1	-2.0	67	9.0	0	0	76	1.0	-0.1	0.0	2.1	H0.6	-0.4	S0.6	L0.3	-0.9	1.2	1.0	1.3	D1.5	C0.2	L0.5	C0.9	B0.4	6.8
2.7	0.4	0.0	69	7.8	0	0	78	0.7	1.6	0.7	1.5	H0.6	0.8	S1.1	S0.2	0.9	0.3	-0.1	0.8	S0.3	C0.6	L1.1	C0.5	C0.3	10.8
2.1	1.0	0.6	67	6.1	0	0	79	1.0	1.0	0.5	1.4	L0.4	0.4	S0.4	0.0	1.1	1.1	0.5	-0.3	S0.5	C1.3	L0.8	C0.2	0.0	14.4
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
4.0	-0.6	-2.5	70	9.3	0	0	79	2.1	1.1	0.1	2.0	H1.2	0.6	P0.3	S1.3	3.3	3.0	1.3	0.4	S1.9	C1.5	S0.2	C1.0	B0.3	25.0
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
3.8	0.5	1.7	70	5.1	0	0	80	-0.4	-1.6	-0.8	-0.2	H0.4	-2.0	0.0	L0.1	-0.3	0.9	-0.7	-0.9	S1.2	W2.1	S0.2	W2.2	B0.6	9.6
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
2.5	0.8	-0.3	69	7.7	0	0	78	1.0	2.2	0.7	1.0	L0.3	0.9	S0.4	S0.4	1.8	1.0	0.4	1.3	S1.6	C1.4	L0.2	C1.4	B0.3	16.6
3.1	0.9	0.1	69	5.7	0	0	78	0.3	-1.1	-0.4	0.9	H0.1	-1.3	S0.3	L0.4	-1.0	-0.4	0.2	1.0	D0.9	C1.8	L0.2	C1.4	B0.2	3.3

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
G	S-S-I VICTORY STURGIS WAGNER-ET	840003241109546	F	JNS-TF	7JE2099	149			78	1219	0.02	63	-0.01	43	748	742	2.90
G	CAL-MART WELLS-ET	USA 067484945	F	JNS-TF	29JE4403	149			78	948	0.09	67	0.03	41	716	708	2.95
G	CAL-MART JOSE-ET	USA 067975023	C	JNS-TF	29JE4379	149			75	390	0.27	77	0.12	40	768	749	2.85
A	PRIMUS CHROME CARBINE-ET	USA 173827033	F	JNSC	7JE1882	149	13	36	89	370	0.08	35	0.03	21	535	524	2.71
G	AHLEM DYNAMO-P-ET	840003213754107	F	JNS-TF	200JE1371	148			78	2291	-0.21	61	-0.08	64	755	757	2.93
G	AHLEM BRANDYBUCK-ET	840003213754260	F	JNS-TF	97JE226	148			76	894	0.01	45	0.10	55	629	611	2.88
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	508	495	3.11
G	JX PINE-TREE ALTACARPATHIA {4}-ET	USA 067652758	F	JNS-TF	11JE7464	148			77	718	0.18	75	0.05	37	763	752	2.89
G	JX PINE-TREE 11861 STRAUB 2752 {4}-P-ET	USA 067652752	F	JNS-TF	7JE2175	148			77	678	0.17	71	0.05	35	673	663	2.92
G	ABS 4465 LAWSON-ET	840003146074465	F	JNS-TF	29JE4270	147			78	501	0.16	59	0.09	38	585	573	3.04
G	VIERRA LOGAN-P-ET	840003239528728	F	JNSC	777JE1434	147			77	823	-0.02	36	0.03	37	669	658	2.82
G	RIVER VALLEY TUCKER MAVERICK-ET	840003236548495	F	JNS-TF	250JE5081	147			79	434	0.14	51	0.09	35	599	586	2.94
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	619	615	2.92
G	GOFF S-S-I KANTONA LARSON-ET	840003247596488	F	JNS-TF	14JE2124	147			75	404	0.04	29	0.07	30	608	594	2.83
G	AHLEM BOROMIR-ET	840003213754258	F	JNS-TF	97JE225	146			76	857	0.00	42	0.08	50	551	536	2.91
G	JX CAL-MART BOOTS {5}-ET	USA 067424764	F	JNS-TF	29JE4275	146			79	899	0.07	60	0.07	48	517	504	2.96
G	JX PEAK DIRECTION {5}-ET	840003215564960	F	JNS-TF	1JE7288	146			77	1486	-0.05	60	-0.04	46	616	611	2.79
G	JX BOS GUTZ N GLORY {6}-ET	840003258872248	F	JNS-TF	711JE500	146			76	927	0.10	67	0.05	45	682	671	2.93
G	RDO ZAPP {4}-ET	840003201460305	F	JNS-TF	29JE4264	146			76	594	0.08	46	0.09	42	651	634	2.83
G	JX PEAK PALACEMALICE {5}-ET	840003229908440	C	JNSC	1JE7457	146			74	900	0.13	73	0.02	38	617	609	2.91
G	JX VIERRA KISS {5}-ET	840003218042442	F	JNS-TF	777JE1310	146			79	401	0.17	57	0.10	37	589	574	2.97
G	JX SEXING GALLANTRY DOHA {5}-ET	840003213131275	F	JNS-TF	551JE1877	145			78	1232	0.07	75	0.05	57	657	646	3.02
G	JX SEXING GLTRY QUENTIN {5}-ET	840003213134227	F	JNS-TF	551JE1845	145			76	1380	0.03	73	0.01	52	758	754	3.06
G	JX CRV GURE BEHIA DOMINIQUE {5}-ET	840003248873642	F	JNS-TF	97JE237	145			76	833	0.11	64	0.08	48	631	617	2.92
G	FOUR J ALTABULLISTIC {4}	840003204703657	F	JNS-TF	11JE7471	145			77	357	0.14	48	0.08	31	565	552	2.92
G	ROWLEYS 80 CALIBAN OVERALLS-ET	840003230110523	F	JNS-TF	7JE2022	145			78	452	0.14	53	0.05	27	501	490	2.81
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	772	773	2.93
G	TOG CASSELTON 39774-ET	840003217483459	F	JNS-TF	551JE1887	144			77	762	0.08	54	0.05	38	648	636	2.81
A	JX FOREST GLEN MONUMENT SULLY {6}	USA 119889365	F	JNS-TF	97JE165	144	18	331	97	1271	-0.12	35	-0.06	32	491	494	2.94
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	640	628	2.82
A	PROGENESIS SPIRAL-ET	840003209774571	F	JNS-TF	777JE1248	143	16	86	93	1840	-0.07	73	-0.02	62	678	671	2.86
G	JX SEXING GLTRY KYE {5}-ET	840003213134244	F	JNS-TF	551JE1850	143			76	1204	0.10	81	0.05	55	652	645	3.17
G	AHLEM SUZUKI-ET	840003246945997	F	JNS-TF	777JE1419	143			77	1764	-0.08	67	-0.05	53	687	687	3.01
G	PROGENESIS JACKSON-P-ET	840003239528741	C	JNS-TF	200JE1436	143			76	1321	0.00	64	0.02	53	739	732	3.01
G	CAL-MART JESSE-ET	USA 067484937	F	JNS-TF	29JE4355	143			79	1266	-0.04	52	0.01	49	747	738	2.82
G	FOREST GLEN GISLEV BRONSON-ET	USA 067650558	F	JNS-TF	551JE1870	143			78	415	0.23	69	0.14	45	530	509	2.88
G	SEXING JALA QUIMPY-ET	840003213127703	F	JNS-TF	551JE1896	143			75	897	0.00	43	0.05	43	623	609	2.76
G	BOS BRONZE ERIK-ET	840003231862094	F	JNS-TF	97JE231	143			77	1643	-0.11	54	-0.08	42	709	711	2.85
G	MFW TUCKER SCHWYZ-ET	840003242648558	F	JNS-TF	7JE2115	143			77	588	0.09	48	0.07	36	568	557	2.98
G	TOG JDF INVASOR 10369-ET	840003130791097	F	JNS-TF	137JE6449	143			76	1035	-0.05	39	-0.03	32	604	601	2.88
G	JX METCALF DOUBLE SHOT {5}-ET	USA 067409987	F	JNS-TF	200JE1462	142			78	1607	-0.02	73	-0.01	57	795	791	3.03
G	LEGENDAIRY DELTORO {6}-ET	USA 174074344	F	JNS-TF	97JE210	142			79	1190	-0.03	51	0.05	54	636	620	2.73
G	DUTCH HOLLOW YOUR TURN-ET	840003242621811	F	JNS-TF	7JE2174	142			78	687	0.04	41	0.08	43	590	577	2.98
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	621	600	2.75
G	JX ALL LYNNS VANDER {6}	USA 174149114	F	JNSC	97JE211	142			77	302	0.24	66	0.10	33	545	525	2.67
G	JX MM MANDALORIAN {5}-ET	840003222006508	F	JNS-TF	551JE1937	141			79	1352	0.17	103	0.07	65	708	699	3.19
G	JX VIERRA FLEETWOOD {5}-ET	840003224438241	C	JNS-TF	777JE927	141			76	902	0.11	68	0.08	50	693	680	3.01
A	JX AHLEM CHROME COLGATE {6}	840003202631159	F	JNS-TF	14JE1876	141	27	164	95	1341	-0.04	55	-0.01	46	491	485	2.89
G	TOG MADDOCK-ET	840003217483566	F	JNS-TF	97JE215	141			77	931	-0.03	39	0.05	45	572	560	2.84
G	JX PEAK PAIDUP {5}-ET	840003242794316	F	JNS-TF	1JE7429	141			74	1083	0.09	73	0.01	43	621	614	2.96
G	VIERRA MACKLEMORE-ET	840003239528781	F	JNS-TF	777JE1446	141			75	1059	-0.01	48	0.01	41	570	561	2.80
G	JX VIERRA GOOGOO DOLLS {5}-ET	840003224438295	F	JNS-TF	200JE1393	141			77	673	0.05	44	0.07	39	609	596	2.90
G	BLACK LABEL THRASHING KAMAKAZI-ET	840003219480313	F	JNS-TF	7JE1980	141			79	1135	-0.02	50	-0.03	36	477	472	2.79
G	TOG MOHALL 39925-P-ET	840003217483610	F	JNS-TF	551JE1927	141			77	272	0.13	41	0.05	20	596	584	2.72
G	AHLEM SANCHO SHAZAM-ET	840003213754212	F	JNS-TF	7JE2098	140			76	1245	0.13	90	0.06	60	833	816	2.82
A	TOG ORBICULARIS-ET	840003203347248	F	JNS-TF	97JE203	140	11	19	85	672	-0.02	28	0.12	50	529	506	2.69

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

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
6.1	2.0	-1.7	70	8.2	0	0	79	1.7	0.1	-0.3	2.1	L0.7	-0.1	S0.4	L0.1	0.2	2.2	1.4	1.5	D0.1	C1.2	L0.5	C1.3	B1.1	13.1
4.7	0.8	0.4	70	7.7	0	0	80	0.6	-0.5	-0.6	0.6	L0.8	-1.1	S0.7	L0.7	-0.4	0.5	-0.3	-0.2	D0.5	C0.9	L0.2	C0.2	B0.5	7.6
4.5	1.2	-1.2	69	9.2	0	0	79	0.6	-1.2	-1.0	0.5	H0.5	-1.2	S0.7	L0.5	0.2	0.2	-0.6	-0.2	D0.3	C1.0	L0.1	C0.3	C0.3	8.1
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
5.1	-2.1	-2.7	69	8.3	0	0	80	1.6	-0.3	-0.4	2.7	L0.3	-0.5	S0.2	L0.2	-0.4	1.9	2.4	1.2	D1.7	C1.6	S1.0	C1.7	B0.5	9.2
3.8	-0.6	0.5	69	8.6	0	0	78	0.8	-0.5	0.4	1.2	H0.2	0.2	S0.2	0.0	0.3	0.5	1.3	0.8	D0.9	C1.5	S0.6	C1.4	C0.3	8.8
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
5.4	0.0	-2.8	72	7.7	0	0	80	1.6	-1.3	-0.6	1.9	H1.3	-0.4	P0.6	S0.6	0.8	2.3	1.2	0.7	S0.4	C0.3	L0.6	W0.2	B1.5	16.4
4.7	1.1	-0.9	72	6.9	0	0	80	1.4	-0.3	0.4	2.1	H0.1	0.5	S0.4	0.0	0.6	1.8	1.5	0.7	S0.1	C0.9	L0.3	C0.4	B0.4	15.3
4.5	1.8	0.5	72	7.4	0	0	80	1.3	0.1	0.9	0.0	H0.8	1.2	P0.2	S0.7	2.7	0.3	-0.5	0.0	S1.1	C2.5	S0.1	C1.3	C0.3	14.8
6.6	1.4	0.6	72	8.2	0	0	80	0.5	-1.6	-0.6	0.4	L0.3	-0.4	S1.0	L0.8	0.3	0.2	-0.3	0.3	D0.5	C1.2	S1.5	C0.9	C0.7	6.9
4.6	-0.1	-0.8	70	8.3	0	0	81	2.2	-0.2	0.5	1.7	H2.0	0.5	P0.9	S1.6	2.8	2.8	1.5	1.4	S1.8	C2.2	S0.8	C2.0	B1.0	22.2
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
5.2	1.6	3.3	70	5.8	0	0	78	0.3	-0.9	-1.1	0.5	H0.6	-0.9	S0.4	0.0	0.1	0.0	0.0	-0.2	S0.5	W0.1	S1.0	W0.6	C0.7	10.0
2.7	-1.4	0.6	69	8.6	0	0	78	0.9	-0.2	0.3	1.1	L0.4	0.2	0.0	S0.1	0.5	0.9	1.4	0.4	D0.5	C1.6	S0.4	C1.2	C0.3	11.4
2.0	-0.1	-1.5	72	8.5	0	0	81	1.4	1.5	0.9	1.5	H1.2	1.6	S0.4	S0.5	2.6	1.5	0.8	-0.2	S2.1	C0.9	L0.7	W0.1	C0.5	21.9
3.7	1.0	-1.8	72	8.0	0	0	80	0.8	1.0	-0.1	1.4	H1.2	0.2	S0.4	S0.3	1.0	0.7	0.2	-0.5	S0.7	C0.5	S0.3	W0.3	C0.9	13.5
3.1	-0.4	-0.6	69	6.3	0	0	78	0.8	-0.1	-0.5	1.6	L0.8	-0.9	S0.5	L0.4	-0.2	0.8	1.1	0.7	S0.3	C1.5	S0.9	C1.6	C0.3	10.8
5.5	2.7	0.3	71	7.0	0	0	79	0.6	-0.4	0.2	0.3	H0.8	0.0	P0.2	S0.3	0.9	0.2	-0.7	-1.1	S0.1	C0.4	L0.6	W0.5	B0.3	9.4
3.1	-1.7	-1.3	68	7.7	0	0	77	1.6	1.0	-0.3	1.8	H1.2	0.2	S0.7	S0.1	1.9	1.4	0.6	1.2	S2.4	C1.8	L0.5	C1.6	B0.6	19.1
4.6	1.5	-0.1	73	8.9	0	0	81	0.9	0.6	0.6	0.6	H1.1	1.0	S1.3	S0.2	2.2	0.9	-0.6	0.1	S1.7	C0.2	L0.7	W0.5	0.0	17.6
3.7	-0.8	-2.7	73	7.8	0	0	80	1.3	0.8	0.8	1.3	L0.5	0.5	P1.1	S0.3	1.2	1.7	1.2	0.3	S0.7	W0.5	L0.1	C0.1	B0.2	17.9
5.1	0.6	-1.7	72	7.0	0	0	79	1.2	-0.2	0.1	1.3	H1.2	-0.5	P0.6	S0.3	0.4	1.6	1.3	0.2	D0.3	C0.2	S0.6	C0.6	B0.8	13.6
3.8	1.1	-2.3	70	8.6	0	0	79	1.3	0.8	0.4	0.8	0.0	0.3	P0.6	S1.1	1.4	1.4	0.0	1.0	S1.5	0.0	L0.7	W0.2	B1.1	16.7
5.7	1.3	-0.6	69	8.1	0	0	79	1.5	1.6	0.5	0.5	H2.0	0.8	P1.0	S1.7	2.9	1.6	-0.5	0.3	S3.3	C1.5	S0.2	C1.4	B0.4	19.0
3.7	-1.2	0.9	73	7.8	0	0	80	1.8	2.2	0.1	1.7	H0.3	1.1	S0.2	S0.3	2.5	2.3	1.1	1.2	S2.1	C1.4	L0.4	C1.2	0.0	22.5
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
3.5	-0.5	0.8	70	6.0	0	0	80	0.1	-0.8	-0.4	0.8	L0.7	-1.5	S0.2	L0.3	-0.1	0.9	0.1	-0.6	S0.3	W0.2	S1.1	W0.4	C0.6	10.7
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
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
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
2.5	-0.3	-1.5	72	6.2	0	0	79	1.0	0.4	0.9	1.4	H1.0	0.5	P0.7	S0.8	0.8	1.5	1.4	0.5	0.0	W0.1	S0.4	C0.2	B0.3	15.3
3.9	-0.7	-1.8	72	8.8	0	0	80	1.6	0.9	-0.4	2.2	L1.8	-0.4	S0.7	L0.5	1.1	2.3	1.3	0.8	S0.5	C0.8	S0.1	C0.6	B0.1	17.8
5.2	-0.2	-2.6	70	9.7	0	0	79	1.2	0.6	-0.7	2.0	L0.6	-0.6	S0.3	L0.6	0.1	2.1	1.1	1.2	S0.5	C0.1	S0.4	C0.8	B0.7	14.9
5.5	0.5	-0.7	73	8.7	0	0	81	0.4	-2.6	-0.6	0.4	H0.5	-0.9	S0.2	L0.6	-0.7	0.1	0.3	-0.2	D1.6	C0.9	S0.7	0.0	B0.8	4.4
1.5	-1.1	-0.7	70	6.6	0	0	80	0.6	1.3	1.2	0.9	H0.3	0.5	P0.1	S0.9	1.2	0.4	-0.1	0.5	S1.4	C0.2	S0.2	C0.1	C1.3	14.6
5.2	0.4	-1.3	70	9.3	0	0	78	1.3	-0.2	-0.1	0.5	H1.3	0.0	P0.1	S0.1	2.0	1.2	0.4	1.1	S1.9	C0.9	S0.1	C0.9	B1.1	18.3
5.4	0.4	-1.4	71	7.1	0	0	80	1.0	-2.2	-0.6	0.2	H0.9	-1.3	P0.3	S0.2	1.4	1.2	-0.5	0.2	S0.2	0.0	L0.8	W0.4	B0.6	13.2
4.4	-0.2	-0.6	69	7.4	0	0	80	2.4	1.3	0.3	1.6	H1.5	0.5	P0.8	S1.1	3.6	2.8	1.0	1.3	S3.3	C3.1	S0.6	C2.8	B0.6	21.1
5.8	2.2	0.9	69	8.9	0	0	79	0.4	0.3	-0.1	0.2	L1.2	-0.7	P0.3	S0.3	0.5	1.2	-0.3	-0.5	S1.4	W1.7	S0.6	W1.4	B0.8	13.2
5.5	-0.4	-2.9	73	7.9	0	0	80	0.6	-0.7	-0.6	1.0	L0.2	-1.3	S0.3	L0.7	-0.9	1.0	1.0	0.1	D1.0	W0.8	S0.1	W0.4	B0.4	8.6
4.0	-0.2	-3.2	72	8.6	0	0	81	1.6	0.5	0.2	1.6	H0.1	-0.1	S0.3	S0.5	2.0	1.8	0.6	0.2	S1.0	C2.5	S0.6	C1.5	B0.6	17.1
4.2	1.0	-0.8	71	9.2	0	0	80	1.7	0.8	-0.2	0.8	H1.3	-0.1	P0.1	S0.7	2.9	2.0	0.2	0.9	S3.0	C1.6	S0.4	C1.7	B0.6	20.7
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
2.1	0.3	-0.8	70	5.8	0	0	79	0.1	1.3	0.6	0.7	L0.9	0.0	S0.1	S0.7	0.8	0.6	-0.4	-0.1	S2.0	C0.3	S0.8	C0.2	C0.6	15.4
1.3	-0.2	-2.8	73	8.1	0	0	80	1.4	0.8	1.0	1.9	H0.3	0.7	S0.5	S0.4	0.2	0.8	1.6	0.7	D1.2	C1.3	L0.5	C1.0	B0.5	9.3
4.9	0.7	-1.9	69	8.0	0	0	79	0.5	1.2	-0.4	1.0	H0.4	-0.3	S0.6	L0.9	0.2	0.3	0.0	-0.2	S0.1	W0.3	S0.3	C0.4	C0.7	10.1
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
4.7	2.1	-0.5	69	8.1	0	0	79	0.9	1.0	0.7	0.8	0.0	0.7	P0.5	S1.4	1.2	1.3	0.9	0.5	S1.3	C0.9	S1.6	C1.1	B0.2	16.5
3.4	0.5	-1.3	68	7.6	0	0	77	0.8	1.7	0.1	1.4	L0.9	0.3	S1.2	S0.3	1.0	0.8	-0.3	0.3	S1.0	C0.4	L0.5	W0.1	C0.7	13.9
4.9	0.3	-2.0	69	9.0	0	0	78	1.5	0.8	0.5	1.4	H1.1	0.7	S0.3	S0.2	2.3	1.7	0.5	1.0	S1.3	C1.6	S0.1	C1.3	B0.7	18.2
5.3	2.0	-0.9	68	7.0	0	0	79	1.7	1.0	0.2	1.2	H1.1	0.3	P0.1	S1.2	2.3	1.6	-0.2	1.2	S3.2	C1.2	S0.4	C1.5	B0.1	18.2
3.9	2.3	-0.4	75	8.0	0	0	81	1.6	2.2	1.7	1.1	H0.8	1.6	P0.2	S0.4	2.1	1.0	1.6	1.0	S1.2	C1.4	L0.8	C1.1	B0.1	18.1
6.0	1.6	1.1	70	9.4	0	0	80	0.6	-0.7	-0.1	0.3	H0.3	-0.8	P0.1	L0.2	0.4	1.4	0.4	0.4	S0.7	W0.7	S0.4	W0.5	B2.1	13.3
3.9	-1.8	-3.9	69	8.3	0	0	79	1.1	-1.1	-0.7	2.1	L1.4	-1.1	S0.7	L0.6	-0.8	1.7	1.5	0.8	D2.3	C0.9	0.0	C0.5	B0.6	7.1
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

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
G	MFW TUCKER ST GALLEN-ET	840003242648625	F	JNS-TF	7JE2111	140			78	496	0.10	46	0.10	40	618	601	2.87
G	JX CRV GURE BEHIA JACKIE {5}-ET	840003248873663	F	JNS-TF	97JE235	140			76	243	0.13	39	0.09	28	615	603	2.97
G	PEAK GOLDROYAL-ET	840003218483953	C	JNS-TF	1JE7322	139			76	1203	0.11	83	0.07	59	603	593	3.10
G	PROGENESIS MEDIATOR-ET	840003218042589	F	JNS-TF	777JE1345	139			79	1393	-0.04	58	-0.01	48	597	596	3.10
G	JX TAYLOR JIGGY RIVER {5}-ET	840003143701931	F	JNS-TF	551JE1808	139			78	682	0.09	52	0.10	47	605	590	2.96
G	SEXING JIGGY TELESE-ET	840003213134147	F	JNS-TF	551JE1814	139			77	972	0.11	71	0.04	45	665	654	2.88
G	DG BAR MAID MOORE-ET	840003209259190	F	JNS-TF	100JE7428	139			77	1020	0.12	76	0.01	39	699	694	2.95
G	VALSIGNA UPCYCLE-ET	USA 174740007	F	JNS-TF	777JE1428	139			77	495	0.28	84	0.09	37	579	567	3.01
A	PRIMUS CRAZE STARLORD-ET	840003141725644	F	JNS-TF	7JE1726	139	145	2,713	99	393	0.12	45	0.01	16	561	556	2.88
F	DNK VJ BYBMOSE SAMSON SORT	DNK 000304720	F	JNS-TF	236JE4720	139	310	2,060	88	-932	0.51	59	0.23	12	440	413	2.79
G	JX PINE-TREE GM VIGKUS {6}-ET	USA 067762444	F	JNS-TF	551JE1851	138			80	1084	0.05	64	0.06	54	606	593	2.95
G	VICTORY LISTOWEL PEBBLE {6}-P	840003232103066	F	JNS-TF	14JE2075	137			78	1718	-0.07	68	-0.03	56	728	722	2.81
A	KASH-IN SUAVECITO-ET	840003149286905	F	JNS-TF	551JE1796	137	23	127	94	715	0.11	58	0.09	45	552	537	2.90
G	SEXING SUAVECITO METAIRIE-ET	840003213127596	F	JNS-TF	551JE1948	137			77	982	0.02	51	0.04	44	606	595	2.83
G	JX SEXING NUMAN {5}-ET	840003213131267	F	JNS-TF	551JE1879	136			77	1246	-0.02	56	0.03	52	637	629	3.00
G	PROGENESIS DEVOUR-ET	840003209748320	F	JNS-TF	777JE1293	136			78	1518	-0.05	63	-0.04	46	647	645	2.90
G	JX SEXING G GRONK {5}-ET	840003213126127	F	JNSC	551JE1875	136			78	1476	-0.04	63	-0.04	45	642	642	2.99
G	BOS BRONZE MARKY MARK-ET	840003251789096	F	JNS-TF	97JE232	136			77	1202	0.08	76	-0.01	42	739	734	2.89
G	SEXING MILION-ET	840003213127979	F	JNS-TF	571JE1958	136			77	643	0.09	50	0.07	39	595	582	2.87
F	DNK VJ ALSTRUP LUCK LUXI	DNK 000304717	F	JNS-TF	236JE4717	136	333	2,616	88	-393	0.35	55	0.20	27	532	506	2.79
G	TOG LAMOURE 39878-PP-ET	840003217483563	F	JNS-TF	54JE932	136			77	452	-0.05	11	0.02	20	537	527	2.69
F	ISDK VJ JUULSGAARD GISLEV GATES	DNK 000304544	F	JNS-TF	236JE4544	136	469	2,575	89	-374	0.15	13	0.12	12	460	439	2.62
G	JX PEAK ALTACAPTIVA {5}-ET	840003228352336	F	JNS-TF	11JE7371	135			77	1154	0.05	66	-0.01	39	590	587	2.99
G	JX PROGENESIS FEEDBACK {5}-ET	840003209774741	F	JNS-TF	777JE1384	134			74	1337	0.12	91	0.06	62	600	588	2.99
A	JX FARIA BROTHERS ASENSIO {4}-ET	840003140305961	F	JNS-TF	551JE1710	134	27	198	96	937	0.08	63	0.07	50	514	503	3.04
G	PEAK ALTABALADA-ET	840003238827344	F	JNS-TF	11JE7415	134			77	786	0.15	72	0.09	49	524	508	2.90
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	661	649	2.92
A	AHLEM KUSAFIRI	840003202631080	F	JNS-TF	777JE1244	133	25	282	96	1346	-0.10	43	0.02	53	458	452	3.03
G	JX FARIA JIGGY KELLEN {5}-ET	840003143701936	F	JNS-TF	551JE1812	133			77	1346	-0.05	53	-0.01	47	635	628	2.85
G	MFW TUCKER URI-ET	840003242648559	F	JNS-TF	14JE2114	133			77	885	0.07	59	0.05	43	668	659	3.01
G	JX BOS GRONK GRUMPY SETH {5}-ET	840003251789309	C	JNS-TF	97JE233	133			77	932	0.13	73	0.03	41	728	719	2.93
G	JX PEAK PREMONITION {4}-ET	840003208643046	F	JNS-TF	1JE7214	133			79	1026	0.07	66	0.00	38	533	529	3.03
G	JX SEXING JIG VYTON {5}-ET	840003146622206	F	JNS-TF	551JE1863	133			78	532	0.19	67	0.08	36	631	620	2.96
G	JX VIERRA ZZTOP {5}	840003218042550	F	JNS-TF	777JE1332	133			77	404	0.21	65	0.08	33	748	735	2.92
G	MM ENSIGN POWER-ET	840003234636796	F	JNS-TF	515JE7	133			79	270	0.14	44	0.04	19	491	480	2.76
A	JX SEXING GM PADDOCK {4}-ET	840003146617430	F	JNS-TF	551JE1766	132	16	248	96	1197	-0.08	41	0.04	52	474	464	2.94
G	RIVER VALLEY CIRCUS COMIC-ET	840003217183060	F	JNS-TF	777JE10074	132			78	1360	-0.06	53	-0.02	45	615	614	3.03
G	JX SEXING JAILBIRD {4}-ET	840003213129191	F	JNS-TF	571JE1957	132			76	471	0.17	59	0.04	27	638	627	2.82
G	TOG VENETIE 38518-ET	840003209969460	F	JNS-TF	551JE1828	132			77	61	0.22	50	0.12	27	626	607	2.73
F	ISDK VJ GAMMELGAARD HAARE HABBIT	DNK 000304650	F	JNS-TF	236JE4650	132	177	460	88	-546	0.37	50	0.22	25	361	339	3.06
G	TOG JDF VOLPONI 10488-ET	840003243325088	F	JNS-TF	551JE1926	131			76	530	0.11	49	0.13	47	524	502	2.78
G	TOG PRESQUE-P-ET	840003209969752	F	JNS-TF	97JE213	131			79	830	0.02	45	0.06	43	591	577	2.81
G	MFW ORBICULARIS BERN {6}	840003242648570	F	JNS-TF	97JE222	131			77	447	0.02	26	0.11	40	529	509	2.73
G	GOFF S-S-I TUCKER SWINNEY-ET	840003241109430	F	JNS-TF	14JE2100	131			77	673	0.03	40	0.05	36	536	527	2.98
G	PEAK TOWERLOCK-ET	840003247843349	F	JNS-TF	1JE7434	131			77	342	0.13	44	0.09	33	610	594	2.87
A	PRIMUS COMANCHE KESTREL-P-ET	840003006436131	F	JNS-TF	7JE1630	130	32	133	96	2782	-0.34	53	-0.15	67	621	634	3.15
G	PEAK TOP AGENT-ET	840003149120938	F	JNS-TF	1JE7245	130			79	846	0.13	69	0.05	41	548	537	2.88
G	TOG BARTON 40066-PP-ET	840003217483751	F	JNS-TF	551JE1889	130			77	1176	-0.17	19	-0.01	40	544	536	2.73
G	JX VIERRA WAYLON {5}-P-ET	840003224438210	F	JNS-TF	777JE1374	130			76	709	0.08	52	0.06	39	573	564	3.01
F	ISDK VJ HAUGSTEDGAARD CHOKOCHIEF	DNK 000304865	F	JNS-TF	236JE4865	130	196	713	88	-584	0.38	50	0.21	23	478	454	2.94
G	KASH-IN LIST WELLAND-P-ET	840003221921389	F	JNSC	551JE1932	129			79	1368	-0.10	44	-0.03	43	543	538	2.83
G	JX VIERRA GUESSWHO {5}-ET	840003224438284	F	JNS-TF	200JE1390	128			78	1346	0.06	78	0.04	59	705	697	3.10
G	TOG DIEGO-P	840003251554538	F	JNS-TF	1JE7577	128			78	2376	-0.30	45	-0.12	58	735	744	3.05
G	PEAK PRETTYNIFTY-ET	840003229908078	F	JNS-TF	1JE7339	128			76	858	0.00	41	0.08	49	547	533	2.94
G	JX PINE-TREE GISLEV GARRY {6}-ET	USA 067762533	F	JNS-TF	551JE1852	128			78	105	0.21	49	0.12	30	536	517	2.83
A	JX SEXING BERRARA GO ON {4}-ET	840003146619661	F	JNS-TF	551JE1824	128	7	63	92	606	0.06	42	0.03	28	573	566	2.89

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

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
5.2	1.0	-1.5	70	9.1	0	0	80	1.2	0.5	0.0	1.1	H2.3	-0.1	P0.6	S1.1	1.6	0.7	0.2	0.6	S1.4	C1.6	S0.3	C1.8	B0.4	15.0
6.0	2.2	0.0	69	8.1	0	0	79	1.8	-0.6	-0.2	0.4	H1.3	-0.2	P0.8	S1.1	3.3	1.9	-0.4	0.4	S3.0	C1.4	S0.1	C1.4	B0.9	20.3
1.7	-2.7	-1.9	70	8.6	0	0	79	0.6	0.3	1.2	1.0	H0.1	0.3	P0.2	L0.4	0.6	0.7	1.1	-0.2	D1.4	W0.6	L0.8	W0.9	C0.3	9.3
3.1	-1.5	-0.6	72	9.1	0	0	81	1.6	0.9	-0.1	1.9	H0.1	-0.2	P0.1	0.0	1.8	2.4	1.1	0.6	S0.8	C1.0	L0.5	C1.4	B1.2	18.4
5.2	0.9	-1.7	72	8.1	0	0	80	0.2	0.4	0.5	0.2	H1.5	0.5	S0.2	S0.3	0.3	-0.2	-0.7	-0.6	S0.1	W0.6	L0.2	W0.4	0.0	8.3
4.7	0.1	-2.7	72	8.1	1	1	80	0.3	-0.2	0.4	0.2	H1.6	-0.4	P0.5	0.0	0.1	0.2	0.2	-0.9	D0.2	W0.4	S0.1	W1.1	B0.4	8.7
4.4	-1.3	-2.2	71	8.3	0	0	78	1.6	-0.8	-0.5	1.6	H0.4	-0.7	P1.0	S0.7	1.0	1.6	1.3	0.7	D0.2	C1.3	S0.5	C1.3	0.0	14.0
1.3	0.0	-1.0	69	6.6	0	0	78	0.7	1.1	0.2	1.4	L0.1	0.3	S0.3	0.0	0.4	0.9	1.0	1.2	S0.7	C2.1	S0.5	C2.1	C0.3	12.1
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
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
3.0	1.0	-1.6	75	9.0	0	0	82	1.0	0.9	0.9	1.4	H0.7	0.7	P0.1	S1.0	0.9	0.0	0.6	0.0	D0.4	C1.1	S0.1	C0.2	C1.2	10.2
4.1	-1.3	-2.7	72	7.7	0	0	80	0.7	-2.0	-0.5	1.1	H0.4	-0.7	S0.1	L0.6	-0.9	0.7	1.2	0.0	D2.8	W0.1	S0.1	W0.9	B0.7	4.2
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
4.6	2.1	-2.1	70	9.8	0	0	80	1.3	1.1	0.5	1.6	H1.1	0.5	P0.5	S1.0	1.4	1.5	0.5	0.3	S0.7	C1.1	L0.8	C0.7	B1.3	15.3
4.4	0.6	-2.8	73	8.6	0	0	80	0.8	0.5	-0.2	0.7	L0.2	-0.3	P0.6	S0.3	0.9	1.5	0.3	-0.4	S1.0	W0.6	S0.4	W0.5	C0.2	15.9
3.9	-1.7	-3.4	73	8.7	0	0	81	1.8	-0.1	-0.5	1.1	H0.8	-0.5	P1.9	S1.4	2.0	2.3	0.9	0.8	S1.3	C0.8	L0.9	C0.8	B1.2	19.5
4.3	-1.3	-1.4	73	8.7	0	0	80	1.8	0.4	0.1	1.9	H0.1	-0.1	0.0	S0.1	1.1	2.5	2.4	1.0	D0.4	C1.0	S0.2	C1.3	B0.8	16.7
4.9	-0.4	-2.1	70	6.9	0	0	79	1.0	-0.6	-0.4	1.7	L0.3	-1.1	S0.6	S0.1	-0.2	1.4	1.0	1.4	D0.9	C0.6	L1.4	C0.5	B0.9	8.9
5.1	1.8	-1.7	70	9.0	0	0	79	1.1	0.7	0.5	0.9	H0.7	0.2	P0.1	S0.7	1.4	1.2	-0.2	0.7	S1.0	C1.1	L0.5	C0.7	B1.2	14.3
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
6.4	3.3	2.7	69	8.3	0	0	79	0.4	-1.1	-0.4	-0.1	0.0	-0.8	P0.4	S0.7	0.9	1.2	-0.2	0.2	S0.9	W0.8	S0.1	W1.1	B1.1	13.8
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
3.2	2.6	-0.9	72	8.1	0	0	80	1.2	0.8	0.4	1.1	L0.4	0.5	S1.1	S0.1	1.5	1.2	0.2	-0.1	0.0	C0.6	L0.7	W0.2	C0.5	13.9
0.5	-1.1	-4.2	68	7.8	0	0	78	1.1	1.9	0.8	2.2	L0.3	1.0	S1.1	L0.1	0.6	1.1	1.3	1.3	D0.3	C1.4	L0.5	C1.4	C0.6	11.4
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
2.5	-2.0	-1.4	69	8.1	0	0	78	0.0	0.6	1.6	0.2	H0.7	1.0	S0.1	S0.2	0.3	-0.4	-0.1	-0.4	D1.4	W1.0	L1.0	W1.3	C0.5	4.2
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
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
5.9	0.2	-3.2	73	9.0	0	0	80	1.0	0.0	0.5	1.0	H1.1	0.4	P0.2	S0.4	0.4	0.4	0.4	0.3	S0.1	C0.2	S0.5	C0.5	C0.1	11.4
3.9	-0.8	-1.3	70	8.0	0	0	80	1.7	-0.2	-0.4	2.2	H0.6	-0.8	P0.5	S0.4	0.7	3.0	1.7	1.5	0.0	C1.4	0.0	C1.5	B1.5	15.9
4.5	-0.2	-3.1	71	7.8	0	0	80	1.1	-1.3	-1.3	0.8	H0.8	-1.2	P0.1	L0.2	1.2	1.7	-0.3	-0.7	S0.6	C0.1	L0.5	W0.6	B0.9	14.5
1.7	-0.9	-0.2	71	6.2	0	0	80	0.9	1.6	-0.3	1.7	H0.1	-0.1	S0.8	S0.2	1.1	0.9	-0.3	0.0	S2.0	W0.4	L0.7	W0.7	C0.5	16.5
5.0	2.5	-2.4	73	9.5	0	0	80	0.7	-0.1	0.8	0.8	H1.6	0.5	P0.1	S0.4	0.4	-0.1	0.2	0.3	D0.3	C0.9	L0.2	C0.9	B0.4	8.7
5.7	1.8	-1.7	74	9.4	0	0	80	1.3	-1.1	-1.1	1.1	L1.3	-1.0	S0.2	L0.4	0.9	1.9	0.6	0.5	S0.5	C0.9	L0.2	C0.9	B0.3	15.5
4.5	2.1	0.6	74	9.2	0	0	81	0.9	1.6	-0.1	0.7	H0.6	0.6	S0.4	S0.3	2.0	1.0	-0.1	0.4	S2.4	C1.5	S1.0	C1.1	C0.1	18.4
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
4.1	0.3	-0.7	74	9.6	0	0	81	0.9	-1.0	0.1	1.2	H0.5	0.0	S0.4	L0.2	0.8	1.0	1.9	0.5	D0.5	C1.6	S0.9	C1.4	B0.4	12.4
6.1	2.5	-2.1	72	7.8	0	0	80	0.9	-0.6	0.3	1.2	H2.1	0.6	S0.1	S0.7	0.9	0.7	0.2	-0.5	S0.9	W0.2	S0.4	W0.8	B0.1	14.1
4.4	0.3	0.5	69	5.7	0	0	79	0.4	-1.3	-0.8	0.5	H1.0	-1.0	P0.4	S0.4	0.6	0.4	-0.4	-1.1	S0.8	C0.1	S1.0	W0.6	C0.9	10.9
-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
1.5	-1.4	-0.3	68	7.3	0	0	78	1.1	-0.1	0.4	1.5	H0.7	0.3	P0.1	S0.4	0.7	1.5	1.6	0.5	D0.5	C0.9	S0.6	C0.3	B0.4	13.7
4.7	1.8	-1.6	73	9.2	0	0	81	1.1	0.2	0.5	0.8	H0.3	0.2	P0.3	S0.7	1.6	1.2	0.3	0.5	S1.1	C0.4	S0.1	W0.1	0.0	17.2
3.7	2.2	0.9	68	7.5	0	0	78	0.0	-0.1	0.0	0.2	H0.1	-0.1	P0.3	S0.4	0.5	0.3	-0.2	-0.1	S0.1	C1.0	S0.9	C0.6	B0.1	10.0
4.0	2.0	-0.2	70	9.1	0	0	80	1.9	1.9	0.0	1.6	H0.4	0.3	S0.3	S1.3	2.7	2.4	0.5	1.2	S2.9	C2.3	S0.5	C2.2	B0.3	21.0
5.0	1.3	0.0	70	8.5	0	0	80	0.6	-0.6	-0.5	0.2	H1.1	-0.8	S1.0	L0.2	1.3	0.5	-1.0	0.0	S1.0	C0.8	S0.3	C0.9	B0.3	12.8
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
3.6	-0.7	-3.0	73	9.3	0	0	81	1.2	1.3	0.8	1.1	H0.6	0.9	S0.8	S0.2	2.2	0.6	0.5	0.4	S0.7	C1.1	L0.1	C0.6	C0.8	15.6
5.3	1.9	0.3	68	7.9	0	0	79	0.2	-1.0	-0.1	-0.2	L0.2	-0.3	P0.2	S0.1	0.2	0.8	0.2	0.5	S0.3	W0.4	S1.0	W0.3	B1.0	11.1
4.7	0.0	-1.5	70	9.4	0	0	79	1.8	1.7	0.1	1.7	L0.4	0.4	P0.5	S0.1	1.7	2.3	1.3	0.9	S1.6	C0.5	0.0	C0.7	B0.1	21.4
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
4.5	1.0	-2.1	73	8.4	0	0	81	1.3	0.3	0.8	1.5	H1.6	1.1	S0.1	S0.4	0.8	1.1	1.3	0.9	S0.2	C1.6	S0.9	C1.4	B1.3	12.5
3.2	0.0	-3.7	72	7.7	0	0	80	1.3	0.1	-0.2	1.6	L0.1	-0.3	P0.2	L0.2	0.3	1.6	0.9	0.0	S0.2	W0.5	S0.3	W0.1	B0.1	14.7
4.9	0.7	-1.2	71	8.1	0	0	80	0.4	-3.1	-0.9	1.3	H0.4	-1.7	S0.2	L1.2	-1.8	1.3	1.6	0.7	D3.0	W0.7	S0.3	W0.8	B2.1	2.3
4.1	0.1	-1.5	70	8.4	0	0	79	0.8	0.6	0.4	0.8	H0.4	0.3	P0.6	S0.1	0.7	0.8	0.0	-0.1	S0.8	W0.2	L1.0	W0.8	B0.4	13.2
3.0	0.3	0.3	71	5.6	0	0	80	0.8	-0.3	0.3	0.4	H0.4	-0.4	P0.7	S0.6	0.8	1.7	0.4	0.9	S0.8	W0.3	S0.8	C0.3	0.0	15.5
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

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
F	ISDK VJ KJOELB GISLEV GUTZ	DNK 000304577	F	JNS-TF	236JE5003	128	684	3,181	89	74	0.33	75	0.11	26	606	591	2.92
G	JX VIERRA IGGYPOP {4}	840003218042432	F	JNS-TF	777JE1309	127			79	1468	-0.08	54	0.00	54	433	429	3.05
G	BROOKVIEW BOOGEYMAN-ET	USA 174452951	F	JNS-TF	7JE2112	127			77	1209	-0.08	41	0.03	51	615	611	3.15
G	RIVER VALLEY CRACKERJACK-ET	840003240635645	F	JNS-TF	97JE229	127			78	1724	-0.06	70	-0.08	45	583	586	2.96
G	AHLEM CHIEF RECURSO	840003213754205	C	JNS-TF	1JE7470	127			78	1199	0.02	62	-0.02	40	681	676	2.87
F	ISDK VJ GROENBERG LOBO LOBSTER	DNK 000304580	F	JNS-TF	236JE4580	127	314	1,181	89	-1264	0.53	44	0.27	7	435	407	2.87
G	AHLEM CARNIVAL-ET	840003213754056	F	JNS-TF	777JE1363	126			78	1441	-0.11	44	-0.03	45	576	575	2.98
G	JX SEXING GALLANTRY VISAGE {5}-ET	840003213127565	F	JNS-TF	551JE1947	126			77	1161	0.05	68	-0.02	39	611	609	3.00
G	SEXING DASH MOREZ-ET	840003213134223	F	JNS-TF	551JE1844	126			78	559	0.11	50	0.07	35	530	520	2.97
A	DUPAT DILLAN RAIDER-P-ET	840003127607534	F	JNS-TF	147JE6226	126	9	90	95	543	-0.05	15	-0.02	15	514	512	2.87
G	JX SEXING TEE {5}-ET	840003213129267	F	JNS-TF	571JE1956	125			76	1735	-0.06	70	-0.03	56	716	716	3.10
G	JX SUN VALLEY MACK {5}-ET	USA 174367431	F	JNS-TF	97JE220	124			78	1487	-0.03	65	-0.02	51	615	614	3.09
G	JX PROGENESIS BADLANDS {6}-ET	840003224438286	F	JNSC	777JE1391	124			75	717	0.12	61	0.09	45	677	662	2.88
G	PEAK KUCHEN-ET	840003229908258	C	JNS-TF	1JE7365	124			75	653	0.13	60	0.09	44	585	572	3.06
G	PVF ZON	840003205771467	F	JNS-TF	1JE7314	124			78	914	0.10	67	0.00	34	551	547	3.01
A	JER-Z-BOYZ BULWURX-P-ET	USA 173642865	F	JNSC	14JE1810	124	32	167	95	152	0.28	67	0.10	28	668	652	2.83
G	TOG FINELY 39719-PP-ET	840003217483404	F	JNS-TF	551JE1886	124			78	445	-0.07	6	0.04	24	470	456	2.64
G	VIERRA DANZIG-ET	840003224438239	C	JNS-TF	777JE926	123			76	1158	0.02	60	0.02	48	626	617	2.95
G	TOG CCI ZENYATTA 5061	840003234742665	F	JNS-TF	54JE948	123			75	618	0.05	40	0.02	28	604	597	2.89
G	JX PROGENESIS WICHITA {5}-ET	840003209774710	F	JNS-TF	777JE1343	122			78	2273	-0.12	82	-0.06	69	567	569	3.11
G	JX FOREST GLEN GALLANTRY DRAKE {5}-ET	USA 067650570	F	JNS-TF	551JE1883	122			78	1297	-0.01	60	-0.01	45	636	635	3.13
G	JX TAYLOR CROSSFIT {5}-ET	840003231727188	F	JNS-TF	777JE1368	122			78	548	0.22	74	0.11	44	648	633	3.05
G	DUPAT FIRSTCUT-ET	840003209722037	F	JNS-TF	7JE2102	122			79	953	-0.02	41	0.03	41	483	476	3.00
F	ISDK VJ SNEDDTDD KLOV KANTONA	DNK 000304771	F	JNS-TF	236JE4771	122	340	1,581	88	-504	0.21	20	0.16	15	364	343	2.83
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	548	541	3.08
G	TOG HATTON-PP-ET	840003217483583	F	JNSC	97JE216	121			77	1296	-0.12	36	-0.07	32	540	541	2.87
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	406	384	2.74
A	PROMETEDOR LOOT-ET	USA 067119938	F	JNS-TF	777JE1138	119	89	1,512	99	1083	0.16	89	0.11	64	581	569	3.24
G	ROWLEYS MUDBUG {6}-ET	840003201928447	F	JNS-TF	777JE948	119			82	1366	-0.04	56	0.00	49	623	617	2.88
G	TOG CROSBY 39933-P-ET	840003217483618	F	JNS-TF	54JE935	119			78	-25	0.22	46	0.11	23	571	554	2.86
A	PINE-TREE CHROME DETECTIVE 2019 {6}-ET	USA 075812019	F	JNSC	551JE1769	118	20	134	95	965	-0.03	40	0.05	46	478	467	2.95
G	BROOKVIEW MEGASTAR-ET	USA 174022208	F	JNS-TF	566JE111	118			75	824	0.12	67	0.05	41	574	566	3.04
G	JX D&E VERCON {4}-ET	840003148508097	C	JNS-TF	97JE209	118			78	498	0.08	41	0.03	24	411	407	3.03
G	JX SEXING G NAPA {5}-ET	840003213124884	F	JNS-TF	551JE1878	117			77	1615	-0.05	67	-0.02	55	575	575	3.14
G	SUNSET CANYON 847-ET	USA 173969751	F	JNS-TF	100JE7429	117			76	590	0.19	71	0.05	33	544	534	2.95
G	TOG POEWELL-ET	840003217483764	F	JNS-TF	97JE217	117			78	300	0.02	18	0.10	33	523	504	2.71
A	JX FARIA BROTHERS TOBASCO {4}-ET	840003144724629	F	JNS-TF	97JE189	117	7	57	91	341	0.15	50	0.09	31	519	506	2.90
G	TOG SUPERNEAU-PP-ET	840003217483781	F	JNS-TF	97JE218	117			77	589	0.03	35	0.03	29	531	522	2.87
G	VJ VEJEN GARANT GOLDMAN-ET	840003146622074	F	JNS-TF	236JE4005	117			74	-348	0.42	72	0.19	26	316	294	2.93
G	SEXING RHOSS MEXY-ET	840003213134239	F	JNS-TF	551JE1848	117			77	601	0.07	45	0.00	23	461	453	2.74
A	JX SEXING CRAZE QUICKSTEP {5}-ET	840003203845428	F	JNS-TF	551JE1759	117	7	54	90	516	0.13	53	0.00	20	569	567	3.02
F	ISDK VJ AGERDAL GISLEV GARANT	DNK 000304576	F	JNS-TF	236JE5002	117	272	1,128	89	-452	0.31	42	0.15	15	308	289	2.83
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	472	439	2.90
G	VALSIGNA JIGGY 1066-ET	840003221914155	F	JNS-TF	100JE7435	116			78	910	0.07	59	0.10	55	577	561	2.97
G	JX SEXING DET ACTING {5}-ET	840003213125377	F	JNS-TF	551JE1881	116			76	1127	-0.03	48	0.05	52	489	482	3.14
G	TOG STACCATO-ET	840003131224908	F	JNS-TF	1JE7226	116			78	805	0.04	48	0.05	41	522	512	2.95
G	PINE-TREE TOPSIDE-PP-ET	USA 067652788	F	JNS-TF	182JE1087	116			75	884	-0.02	39	0.01	34	536	529	2.85
G	PINE-TREE VDEE JAKE {6}-ET	USA 075812261	F	JNS-TF	551JE1818	116			79	162	0.24	60	0.13	34	485	469	3.01
A	PEAK RAZOR SHARP-ET	840003206963192	F	JNS-TF	1JE7141	115	6	50	91	584	0.13	57	0.08	39	550	535	2.87
G	RIVER VALLEY MERCEDES-ET	840003207031003	F	JNS-TF	777JE10062	115			79	672	0.05	43	0.05	35	439	432	3.03
G	JX VIERRA TUPAC {5}-ET	840003218042593	F	JNS-TF	777JE1346	114			78	944	0.06	58	0.06	48	574	567	3.15
G	JX KASH-IN GOT MAID KUDOS {6}-ET	840003142481829	F	JNSC	100JE7396	114			77	971	-0.03	41	0.02	41	476	466	2.80
G	BOS ORBICULARIS PETER-ET	840003244525914	F	JNS-TF	97JE224	114			76	1023	-0.09	30	0.00	38	584	577	2.86
G	JX SEXING BERRARA EFRON {4}-P-ET	840003143701521	F	JNS-TF	551JE1771	114			81	530	0.06	39	0.01	21	498	493	2.93
F	ISDK VJ ADELGAARD HOVE SAMSON	DNK 000304415	F	JNS-TF	236JE257	114	402	2,343	89	8	0.23	49	0.09	20	459	445	2.85
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	684	681	3.16

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

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
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
1.5	0.7	-1.4	73	7.8	0	0	81	0.8	2.4	1.5	1.0	L0.1	2.0	S0.4	S0.5	2.4	0.8	-0.1	0.1	S1.2	C0.6	L0.3	C0.7	C1.7	16.4
4.3	0.4	-0.8	69	7.5	0	0	79	1.9	0.7	-0.2	2.2	H0.6	-0.2	S0.3	S0.8	1.7	2.7	1.1	1.1	S1.3	C1.7	L0.6	C1.8	B1.5	18.8
2.5	-1.5	-2.9	73	8.3	0	0	80	2.1	1.1	-0.1	2.5	H0.4	0.1	S0.2	S0.3	1.9	3.3	2.5	0.8	S0.8	C1.4	L0.9	C0.9	B1.1	22.1
4.9	-2.6	-2.8	73	8.6	0	0	80	1.1	-1.4	-1.3	1.3	H0.9	-1.5	P0.6	L0.2	0.7	1.1	0.2	-0.2	D0.4	C0.3	L0.1	W0.1	C0.1	12.1
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
4.1	0.4	-1.6	72	9.2	0	0	81	1.8	0.6	0.1	2.1	L0.4	0.1	S0.3	S0.1	1.8	2.5	1.3	0.9	S1.4	C0.8	L0.1	C0.6	B0.2	21.3
4.0	1.4	-1.7	72	7.1	0	0	79	1.3	0.6	0.5	1.0	H0.5	-0.1	P0.6	S0.4	0.5	2.0	1.2	0.3	S0.1	W0.3	S0.3	W0.4	B1.0	15.3
5.0	2.3	-0.6	72	8.1	0	0	80	0.8	0.9	1.1	0.6	H0.1	0.9	S0.2	S0.6	0.8	0.0	-0.2	0.1	0.0	C0.5	S0.1	C0.5	B0.1	10.4
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
4.7	0.6	-2.2	72	7.4	0	0	79	1.1	-0.1	0.4	2.1	L0.3	-0.5	S0.6	L0.5	-0.5	2.2	2.7	0.4	D1.8	W0.9	L0.6	W0.8	B1.1	11.0
3.2	-0.4	-2.3	73	7.6	0	0	80	1.5	0.1	0.4	1.4	H0.6	-0.1	P0.6	S0.7	1.2	2.2	1.8	1.0	S0.2	C0.7	L0.4	C0.8	B0.8	17.1
4.5	0.2	-2.7	69	8.5	0	0	78	1.2	-0.8	-0.1	1.7	H0.5	-0.6	S0.4	L0.5	0.0	1.5	1.8	1.6	D0.9	C1.2	L0.4	C0.9	B1.0	10.5
3.2	-1.0	-0.9	70	9.0	0	0	78	0.7	-0.2	0.1	1.0	L0.6	-0.3	S0.6	L0.7	0.6	1.0	0.7	0.6	D1.1	C0.6	L0.3	C0.5	C0.4	10.0
2.6	-1.3	-0.7	72	7.5	0	0	80	1.5	0.6	-0.1	1.6	H0.9	0.0	P0.2	S0.6	1.2	2.0	0.8	0.8	S0.6	C0.7	L0.8	C0.7	B0.6	16.3
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
5.1	0.9	1.5	69	7.7	0	0	80	0.6	-0.8	-0.8	0.1	H0.9	-0.3	P0.6	S0.1	1.8	1.7	-0.2	-0.5	S2.1	W0.5	S2.4	W0.8	B0.4	18.3
3.5	-1.3	-3.2	70	9.6	0	0	79	1.3	1.1	-1.0	1.9	H0.3	-0.6	P0.2	S0.2	0.8	2.0	1.0	0.0	S1.0	W0.5	L0.1	C0.2	B0.4	18.2
5.7	3.1	1.5	69	8.7	0	0	78	-0.4	-0.6	-0.5	-0.1	H0.5	-0.8	0.0	L0.1	-1.2	-0.1	-0.1	-1.1	D0.8	W1.3	S0.6	W1.8	B0.1	3.1
1.8	-2.9	-5.5	70	8.7	0	0	80	1.7	3.8	1.3	2.5	L0.8	0.8	P0.1	S0.3	1.6	2.5	2.3	1.4	S0.9	C1.4	L1.3	C0.9	B0.2	19.9
4.3	0.6	-0.6	73	7.8	0	0	80	1.1	0.3	0.3	1.6	L0.7	-0.3	0.0	L0.1	-0.4	1.7	1.8	1.1	D1.1	C0.5	S0.4	C1.3	B0.7	10.3
3.0	-1.4	-2.9	72	9.2	0	0	80	1.4	-0.6	-0.3	1.8	H0.2	-0.7	P0.6	S0.4	0.5	2.3	1.6	0.5	D0.9	W0.1	L0.6	W0.3	B1.2	13.9
3.2	1.6	-0.1	72	8.7	0	0	81	2.0	1.9	1.0	2.5	H0.8	1.1	P0.5	S1.3	1.4	2.5	1.7	1.1	S1.1	C0.6	L0.4	C0.4	B0.9	20.0
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
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
5.7	1.8	0.3	69	8.8	0	0	79	0.6	-1.3	0.8	0.3	H1.3	0.1	P0.2	S0.1	-0.2	0.7	1.0	0.6	D0.6	W0.6	S0.2	W0.5	B1.6	9.2
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
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
4.1	-1.1	-2.9	72	7.4	1	9	83	1.5	-0.2	0.0	1.8	H1.3	-0.5	P0.6	S0.2	0.0	1.8	1.3	0.9	D1.5	C0.8	L0.6	C0.9	B1.3	9.3
5.0	2.4	-0.4	69	8.1	0	0	79	0.8	-0.6	-0.1	0.8	H1.1	-0.3	P0.7	S0.2	1.0	1.9	1.3	-0.2	0.0	W0.8	L0.2	W1.5	B1.4	15.0
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
3.0	-0.7	-2.0	71	8.2	0	0	78	1.5	0.6	0.0	1.5	H0.4	0.0	P1.0	S0.8	1.2	1.8	0.7	0.3	0.0	C1.3	L0.5	C0.9	B0.4	14.6
4.0	2.8	1.7	70	5.9	0	0	79	0.9	1.6	1.1	0.7	L0.5	1.4	P0.1	S0.2	0.9	1.1	0.2	0.9	S0.9	0.0	L1.2	W0.1	B0.7	14.3
3.1	-0.4	-2.1	71	6.2	0	0	79	1.0	1.4	0.9	1.8	H0.2	0.3	P1.1	S0.6	-0.2	1.5	1.8	0.4	D0.6	W0.8	L0.8	W0.5	B0.2	12.3
2.5	-0.2	-1.8	71	8.9	0	0	78	0.4	-0.1	-0.3	0.8	L0.5	-0.2	S1.6	L1.1	0.1	0.2	0.4	-0.2	D0.4	C0.6	0.0	C0.5	C0.7	9.2
5.2	1.9	0.4	74	8.9	0	0	80	0.2	-0.9	-0.7	-0.2	H0.9	-0.3	P0.5	S0.2	0.9	0.2	-0.6	0.0	S0.5	C0.7	S0.9	C0.3	C0.4	11.0
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
5.3	1.1	-0.4	69	8.7	0	0	79	0.5	-0.2	0.0	0.2	L0.4	-0.4	P0.8	S0.5	0.8	1.0	-0.2	0.2	S0.7	W0.4	L0.2	W0.4	B1.5	13.1
-1.4	-3.2	2.0	63	3.0	0	0	75	-0.4	2.2	1.3	0.5	L0.3	1.1	P0.3	S0.6	-0.3	-0.4	0.2	-0.3	S0.6	W0.4	S0.3	W0.8	C1.1	8.9
4.5	-0.5	-1.5	73	9.4	0	0	80	0.5	1.7	-0.2	1.4	H1.3	0.1	S0.9	S0.4	1.2	0.1	-0.3	-1.3	S1.8	0.0	S0.5	W0.7	C1.5	13.7
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
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
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
3.7	0.5	-3.6	72	8.6	0	0	80	0.4	0.2	0.8	0.8	H0.6	0.7	S0.5	L0.3	-0.4	-0.1	0.3	0.4	D0.7	C0.5	L0.1	C0.6	C0.5	6.9
2.6	1.4	-1.3	71	8.2	0	0	79	1.6	1.4	1.1	1.7	H2.1	1.3	P0.6	S1.6	0.9	0.6	1.4	1.3	S0.3	C1.8	0.0	C1.8	B0.3	12.5
3.7	0.7	-0.5	73	9.6	0	0	80	0.4	0.0	0.5	0.1	H0.7	0.5	S0.1	L0.8	0.7	-0.2	-0.5	-0.6	S0.2	C0.7	S0.3	C0.2	C0.3	9.4
3.9	-0.5	-0.3	69	8.1	0	0	78	1.0	-1.0	-0.4	1.0	L0.1	-0.5	P0.2	S0.1	0.3	1.2	0.6	0.5	D0.5	C0.5	S0.3	C0.1	B0.3	11.5
1.4	2.4	1.3	72	5.9	0	0	80	0.5	0.3	1.1	0.7	H0.7	0.8	P0.1	S0.9	0.6	-0.1	0.2	-0.4	D0.5	C1.1	S0.2	C0.1	C1.1	8.5
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	C0.7	5.7
3.3	-1.0	-0.6	73	8.6	0	0	81	1.3	0.4	0.7	1.4	H1.1	1.0	S0.6	S0.3	1.9	1.2	1.0	0.5	S0.2	C0.6	S0.2	C0.1	C0.6	16.3
3.2	-1.3	-2.4	71	8.0	0	0	80	1.5	0.7	-0.2	1.6	L0.7	-0.3	0.0	S0.2	0.5	1.6	1.0	0.8	S0.9	C0.6	L0.3	C0.8	B0.9	15.4
4.2	-2.1	-1.7	72	8.4	0	0	79	0.3	0.3	0.6	0.2	L0.2	0.0	0.0	L0.1	0.2	-0.2	0.2	0.2	D0.2	W0.7	S0.3	W0.4	C0.1	8.9
4.3	-0.3	0.2	68	7.1	0	0	78	0.6	-2.8	-1.1	0.4	H0.5	-1.4	0.0	L0.4	0.2	0.8	0.2	-0.1	D1.1	C0.8	S0.6	C0.2	B0.4	8.5
4.5	1.9	-0.9	72	7.6	0	0	80	1.6	-0.2	-0.2	0.7	L0.5	-0.1	P1.2	S0.2	2.0	1.8	0.6	-0.4	S1.6	W0.4	L0.6	W1.2	C0.5	19.6
2.3	1.0	2.6	80	4.2	184	929	84	-0.8	0.5	-0.3	-0.3	H0.8	-0.7	0.0	S0.3	-1.1	-0.6	-0.1	-0.9	S0.3	W1.8	L0.2	W2.3	C0.3	4.7
-0.5	-0.9	-4.0	93	9.1	46	714	98	1.5	0.5	0.4	2.4	H0.8	0.3	S0.8	0.0	0.0	0.5	1.8	0.6	D2.0	C1.4	L1.0	C0.4	B0.2	7.1

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
G	TOG CCI DROSSELMEYER 5052-P	840003234742656	F	JNS-TF	551JE1929	113			78	139	0.16	40	0.13	32	569	550	2.83
G	VIERRA AEROSMITH-ET	840003209748365	F	JNS-TF	777JE1269	112			77	772	0.13	66	0.09	48	479	467	3.08
G	JX VIERRA OZZY {5}-ET	840003218042518	F	JNS-TF	777JE1322	112			77	574	0.18	68	0.11	45	663	648	3.03
G	KASH-IN MR SMITH-ET	840003149286928	F	JNS-TF	551JE1797	112			80	108	0.27	63	0.18	43	450	427	2.96
G	LEGENDAIRY ARIAT-P	USA 174371441	F	JNS-TF	97JE221	112			77	354	0.04	26	0.07	29	534	523	2.94
F	ISDK VJ OSTERGAARD HJERN HOVE	DNK 000303987	F	JNS-TF	236JE207	112	227	578	88	-733	0.54	76	0.20	14	492	469	2.86
F	ISDK VJ AARRE LAPPE LARI	DNK 000304158	F	JNS-TF	236JE222	112	497	1,552	89	-380	0.24	31	0.13	13	444	426	2.80
F	ISDK VJ BLANKE JASON JANKO	DNK 000303787	C	JNS-TF	236JE252	112	575	2,238	90	-839	0.34	29	0.17	3	385	365	2.78
G	DUTCH HOLLOW AMBITION	840003213697859	F	JNS-TF	551JE1861	111			78	616	0.02	34	0.05	33	579	572	3.05
A	AHLEM CRAZE CHESTNUT 24050-ET	840003144728245	F	JNS-TF	100JE7411	111	7	37	91	552	0.09	47	0.06	33	547	538	2.99
G	SEXING CHROME ZODI-ET	840003146619676	F	JNS-TF	551JE1820	111			79	345	0.09	37	0.04	22	428	419	2.87
G	VIERRA GUNSNROSES-ET	840003209748428	F	JNS-TF	777JE1285	110			79	1405	0.12	96	0.04	60	562	556	3.17
G	PROGENESIS SUE-P-ET	840003218042665	F	JNS-TF	777JE1365	110			76	1152	-0.08	38	0.02	47	563	558	3.08
A	VIERRA BOBDYLAN	840003200644064	F	JNS-TF	97JE199	110	7	25	87	886	0.01	46	0.03	39	488	483	3.10
G	PINE-TREE FARO-PP-ET	USA 067652678	F	JNS-TF	29JE4347	110			78	52	0.18	40	0.09	21	593	580	2.90
F	ISDK VJ JUULSGAARD WILLEM WILDER	DNK 000304654	F	JNS-TF	236JE4654	110	252	935	88	-956	0.43	41	0.22	9	390	363	2.69
G	KASH-IN SLICK-ET	840003149286926	F	JNS-TF	551JE1807	109			80	740	0.07	51	0.07	43	439	427	2.94
G	TOG BUCKCHERRY-ET	840003217482816	F	JNS-TF	1JE7341	109			78	1145	-0.08	38	-0.04	33	538	539	3.01
G	TOG ROLLA 40008-P-ET	840003217483693	F	JNS-TF	551JE1928	109			77	238	0.15	44	0.09	28	540	525	2.85
F	ISDK VJ HOEHOLT JERN JAMES	DNK 000304302	F	JNS-TF	236JE248	109	543	2,507	93	-640	0.40	51	0.20	17	435	411	2.82
F	ISDK VJ RAVNINGGAARD HUUS HAMLET	DNK 000304607	F	JNS-TF	236JE4607	109	548	3,159	91	-576	0.20	14	0.15	10	262	243	2.85
G	JX PEAK ALTASTACKJACK {5}-ET	840003231328259	F	JNS-TF	11JE7347	108			76	1305	0.06	77	0.03	54	642	641	3.32
A	BAR MB CRAZE CASTRO	840003151584695	F	JNS-TF	14JE1762	108	75	949	99	1155	-0.05	45	-0.02	38	571	570	3.02
G	SEXING JIG OJUS-ET	840003146623414	F	JNSC	551JE1880	108			78	905	-0.01	41	0.02	38	552	545	2.97
G	TOG RANDOLPH 38821-P-ET	840003209969763	F	JNS-TF	54JE909	107			78	427	0.21	67	0.08	33	605	593	2.94
A	ROWLEYS 1996 DANIEL TUCKER {6}-ET	840003201928443	F	JNS-TF	7JE1816	107	31	212	96	445	0.01	24	0.07	32	504	494	3.01
G	SEXING JIGSAW-ET	840003146623301	F	JNS-TF	551JE1838	107			77	758	0.10	59	0.01	31	629	624	3.01
G	JX PINE-TREE ZINC BOSTON 1913 {6}-ET	USA 067771913	F	JNS-TF	551JE1763	107			79	374	0.10	39	0.08	30	443	431	2.93
A	ISDK VJ DROSTRUPGAARD LUSAKA	DNK 000304035	F	JNS-TF	236JE171	107	235	656	92	121	0.30	71	0.11	28	500	484	2.90
A	JX TAYLOR BROTHERS GM MACEO {4}-ET	840003132356546	F	JNS-TF	551JE1752	106	4	58	91	837	0.10	62	0.05	42	479	468	2.89
G	SEXING JIG MOOKY-ET	840003146623286	F	JNS-TF	551JE1837	106			77	730	0.13	64	0.06	39	496	486	2.97
G	TOG PITTSFIELD 38801-P-ET	840003209969743	F	JNS-TF	551JE1884	106			78	311	0.22	63	0.10	33	473	459	2.95
G	TOG WINTHROP 38914-P-ET	840003209969856	F	JNS-TF	54JE910	105			78	147	0.17	43	0.11	30	563	544	2.77
F	ISDK VJ UDBY LARI LASKY	DNK 000304566	F	JNS-TF	236JE4566	105	374	1,535	89	500	0.04	32	0.01	20	347	340	2.81
F	ISDK VJ RAVINGGAARD SVITZER SVICK	DNK 000304721	F	JNS-TF	236JE4721	105	352	2,584	89	-1187	0.51	45	0.23	2	350	324	2.80
A	JX VIERRA ELVIS {6}-ET	840003200644037	F	JNS-TF	200JE1210	104	9	63	92	546	0.19	68	0.10	41	533	522	3.13
F	DNK OUSTRUP POWELL ALBERT	DNK 000304864	F	JNS-TF	236JE4864	104	13	25	82	-299	0.36	62	0.20	31	444	421	2.99
A	AVI-LANCHE KIAWA DIMITRI-P-ET	840003148506979	C	JNS-TF	7JE1814	104	58	741	98	20	0.24	53	0.11	24	497	480	2.84
A	JX FARIA BROTHERS HAYWARD {4}-ET	840003140371525	F	JNS-TF	97JE174	104	37	913	99	351	0.12	44	0.04	21	411	403	2.87
F	ISDK VJ HORN	DNK 000303496	F	JNS-TF	236JE177	104	63	86	86	-807	0.46	56	0.20	12	474	451	2.86
G	VALSIGNA KENTUCKY WILDCAT-ET	840003221914141	F	JNS-TF	100JE7433	103			77	700	0.09	53	0.10	48	459	445	3.08
G	TOG WYNDMERE-PP-ET	840003217483414	F	JNS-TF	29JE4333	103			77	222	0.09	31	0.10	29	518	501	2.80
G	AHLEM VIABULL NEYMAR	840003202630973	F	JNS-TF	515JE3	103			78	-40	0.15	29	0.06	12	328	317	2.86
F	ISDK VJ SKILVAD DAU DANDI	DNK 000304614	F	JNS-TF	236JE5001	103	560	3,082	90	-747	0.46	59	0.18	10	247	226	2.85
G	JX SUNNY RIDGE TRIUMPH GARTH {6}	USA 174129026	F	JNS-TF	551JE1869	102			78	1504	-0.07	58	-0.01	54	471	465	2.95
G	TOG PARSHALL 39926-PP-ET	840003217483611	F	JNS-TF	551JE1888	102			77	572	0.00	27	0.09	40	405	389	2.83
G	JX SEXING CRAZE ORANGE {5}-ET	840003203845437	F	JNS-TF	551JE1750	102			78	59	0.19	43	0.06	14	425	418	3.01
G	PEAK VAULTBOY-ET	840003228352371	C	JNSC	1JE7324	101			76	1012	0.06	62	0.03	43	626	620	3.04
A	JX FARIA BROTHERS PRINCE {4}-ET	840003200648785	F	JNS-TF	97JE196	101	2	23	87	443	0.09	41	0.09	35	409	396	2.96
A	JX SEXING HATARI PRATO {4}-ET	840003007971576	F	JNS-TF	551JE1719	100	7	80	92	1378	-0.11	42	0.03	57	453	447	3.13
G	PROGENESIS MESMERIZE-ET	840003218042586	F	JNS-TF	777JE925	100			77	1088	0.03	60	0.02	44	527	524	3.12
F	ISDK VJ ENGBJERG HAZARD HERO	DNK 000304419	C	JNS-TF	236JE259	100	322	1,549	88	-69	0.28	55	0.10	19	313	297	2.77
F	ISDK VJ RAVNINGGAARD HAZARD	DNK 000303970	F	JNS-TF	236JE254	100	372	1,240	89	-598	0.41	56	0.16	12	381	365	3.03
F	ISDK VJ GYVELBORG HIHL GYVEL	DNK 000304163	F	JNS-TF	236JE223	100	371	980	89	-349	0.17	18	0.11	11	318	300	2.72
G	PINE-TREE DELLA VINNY 2121 {6}-ET	USA 075812121	F	JNS-TF	551JE1785	98			81	891	0.11	68	0.09	52	522	509	3.04
G	PINE-TREE DELLA PHILIP 1987-P-ET	USA 067771987	F	JNSC	182JE1041	98			79	898	-0.06	30	0.03	39	353	346	2.98

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

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
4.5	1.8	-0.7	70	8.9	0	0	79	0.4	-0.7	-0.5	0.9	H0.7	-0.3	S0.6	L0.2	0.3	1.1	0.5	-0.8	D1.0	W0.3	S0.3	W0.8	C0.2	9.6
1.2	0.2	-2.4	71	10.2	0	0	79	1.3	2.0	0.9	1.5	L0.5	1.2	S0.4	S1.0	1.6	1.0	1.0	0.3	S0.9	C1.4	L0.3	C1.1	C1.1	15.9
3.4	-1.1	-3.7	69	8.0	0	0	79	1.1	-0.8	-1.0	1.8	L0.2	-1.1	S1.1	L0.4	0.5	1.9	0.7	0.6	D0.4	W0.7	L1.2	W1.0	B0.1	12.5
2.5	0.0	-2.5	75	9.0	0	0	82	0.5	1.7	1.5	0.6	H0.4	1.3	P0.2	L0.2	-0.1	-0.2	0.7	0.2	D0.7	C0.8	L0.2	C0.5	B0.2	7.9
5.8	2.2	-0.2	70	8.3	0	0	80	0.5	-0.4	-0.3	0.6	L0.1	-0.5	S0.4	L0.2	0.2	1.2	0.6	-0.2	D0.3	W1.0	S0.2	W1.5	B0.7	10.9
0.6	0.6	2.8	76	2.1	122	298	79	-1.2	-0.5	-0.4	-0.7	H0.6	-0.8	S0.2	L0.5	-2.0	-2.0	-0.6	-1.0	D0.5	W0.7	S1.8	W0.5	C0.5	-1.5
2.8	0.4	2.9	79	2.9	201	675	80	-0.9	-2.3	-0.7	-1.1	H0.1	-1.2	P0.5	S0.7	-0.6	-0.8	-1.2	-0.2	S0.6	W0.3	L1.4	W1.4	C0.3	5.3
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
4.7	1.6	-1.2	72	9.4	0	0	80	1.8	-0.9	-0.9	1.6	H1.4	-0.5	P0.3	S0.4	1.9	2.4	0.8	0.8	S2.0	C1.0	L0.9	C0.7	B0.6	21.2
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
3.6	0.2	-0.7	74	9.2	1	1	81	2.2	1.3	-0.4	0.9	H0.5	0.7	P0.7	S1.1	3.6	2.1	0.9	1.0	S3.4	C2.3	S0.3	C1.9	B0.9	20.5
0.2	-2.0	-3.6	72	7.9	0	0	81	1.0	2.3	1.1	2.0	L0.6	0.8	S0.9	S0.2	0.1	1.1	1.6	1.3	D1.2	C0.9	L0.4	C0.9	C0.8	9.4
4.7	0.5	-1.7	70	9.0	0	0	79	1.7	1.0	-0.3	1.9	H0.4	0.1	P0.1	L0.3	1.2	2.4	1.3	0.3	S0.7	W0.2	L0.5	W0.6	B0.4	18.9
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
5.2	3.3	0.4	70	8.5	0	0	80	-0.1	-1.9	-1.0	-0.4	H1.4	-1.2	P0.3	L0.5	0.1	0.1	-0.5	-1.7	D0.4	W1.6	S1.1	W1.6	C0.1	5.3
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
3.1	-0.6	-3.1	75	8.9	0	0	82	1.1	2.3	0.9	1.6	H0.9	1.2	0.0	S0.2	1.2	1.0	1.3	0.5	S0.4	C1.8	L0.2	C1.1	B0.5	14.6
4.4	1.1	1.4	70	6.6	0	0	80	0.1	-1.8	0.4	-0.4	L1.1	-1.0	S0.5	L0.2	0.3	0.4	-0.3	0.8	D0.6	W0.2	L1.0	W0.2	B0.5	7.9
4.0	1.8	0.1	70	7.8	0	0	79	0.4	-0.4	-0.2	0.9	H0.8	-0.2	P0.6	S0.6	-0.5	0.9	1.1	-0.2	D0.9	W0.6	S1.0	W0.6	B0.4	8.9
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
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
1.7	-0.6	-2.0	73	7.9	0	0	79	1.5	0.7	-0.2	2.7	H0.3	-0.6	P0.3	S0.5	-0.4	3.6	2.7	1.4	D1.2	C0.1	L1.4	C0.4	B2.4	14.0
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
4.4	1.3	-2.5	74	10.1	0	0	81	1.0	-0.9	-0.5	0.6	H2.4	-0.5	P0.6	S0.1	0.6	0.7	0.8	0.6	S0.3	C0.7	S0.3	C0.7	B0.9	12.5
3.9	0.8	-4.1	74	10.6	0	0	81	0.5	-1.4	-0.6	0.2	L0.1	-0.4	S0.1	L0.6	0.6	0.4	0.4	-0.3	D0.2	C0.9	S0.7	C0.6	C0.1	10.5
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
4.9	0.7	-2.6	73	9.9	0	0	80	1.3	-0.7	-0.7	1.6	H1.7	-0.8	P0.4	S0.8	0.6	1.5	0.9	0.2	S0.7	C0.7	L0.1	C0.9	B0.3	15.5
3.0	1.8	-0.6	74	8.7	0	0	81	0.6	1.5	-0.4	0.9	L0.3	-0.2	S0.5	L0.1	1.0	0.7	-0.8	-0.4	S1.1	C0.1	L0.4	W0.4	C0.1	13.5
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
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
2.8	0.2	-3.3	73	8.5	0	0	80	1.5	1.2	1.0	2.0	H0.9	1.0	S0.2	S0.7	0.5	1.3	1.4	1.7	S0.3	C1.5	L0.1	C2.1	B0.1	12.9
2.6	0.0	-2.6	73	9.2	0	0	81	0.5	0.5	0.5	0.7	L0.5	0.8	S0.4	L0.2	0.2	0.3	0.7	0.2	D0.3	C0.4	S0.6	C0.4	B0.2	10.3
4.8	1.3	-1.9	72	9.3	0	0	80	0.5	-1.8	0.0	0.5	H1.9	-0.3	P0.8	S0.2	0.2	-0.1	0.8	0.2	D1.3	W0.1	S0.8	W0.2	B0.8	7.3
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
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
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
-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
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
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
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
1.0	1.9	-1.8	70	9.0	0	0	79	1.7	0.8	1.0	1.7	H1.3	1.5	S0.2	S0.7	1.5	1.5	1.3	1.2	S0.1	C1.5	L0.9	C1.2	B0.1	14.7
4.0	1.2	-0.8	70	7.9	0	0	80	0.3	-1.9	-0.6	-0.2	H0.5	-1.0	P0.7	L0.3	0.2	0.8	0.0	0.1	D0.3	W1.1	S0.5	W1.4	B1.2	8.9
3.6	1.3	1.4	72	8.4	0	0	80	0.8	1.4	0.4	1.0	L0.2	1.1	P0.4	S0.7	0.8	0.8	-0.2	-0.1	S1.0	W1.3	L0.2	W0.6	C0.4	13.5
-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
1.0	-2.5	-2.0	73	9.0	0	0	80	0.6	1.6	0.2	1.9	L1.0	0.3	S0.5	S0.4	-0.7	0.0	1.4	0.4	D1.0	C2.0	S0.3	C1.2	C0.7	6.2
2.7	0.5	-0.1	69	7.7	0	0	80	0.1	0.4	0.7	0.5	H0.1	0.6	P0.7	S0.6	-0.2	1.1	0.8	-0.4	D0.5	W1.9	S0.3	W2.2	B0.8	8.8
3.1	1.9	0.9	73	7.8	0	0	80	1.5	0.5	-0.5	0.7	H1.2	0.3	P0.5	S1.0	1.8	1.6	-0.1	1.1	S2.3	C0.3	L1.6	C0.7	B0.2	18.9
3.4	-1.6	-2.7	70	8.7	0	0	78	0.4	-1.7	-0.9	1.5	H0.7	-1.3	S1.2	L1.2	-0.7	0.0	0.7	0.0	D1.4	C0.8	S0.9	C0.9	C1.1	4.8
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
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
2.6	-0.1	-1.7	70	8.3	0	0	79	0.9	0.7	0.0	1.4	L1.5	0.1	S1.4	L0.8	0.0	1.2	0.7	-0.2	D0.6	C0.2	L0.8	W0.8	C0.7	10.4
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
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
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
2.0	0.6	-2.3	75	8.5	0	0	81	0.3	0.6	0.9	1.4	H0.4	0.9	S1.6	L0.3	-0.6	-0.2	0.2	-0.4	D2.4	C0.6	L0.7	C0.1	C1.2	1.8
2.8	1.2	-1.9	74	9.3	0	0	81	1.1	2.9	0.9	1.2	H0.1	1.2	S0.1	S0.9	2.2	1.4	0.0	-0.3	S1.9	W0.2	L0.1	W0.7	C0.3	19.8

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
G	SEXING BUBBA LUEE {6}-ET	840003143701928	F	JNSC	551JE1803	98			78	220	0.05	22	0.11	32	450	438	3.13
F	ISDK VJ GUNDESTRUP HJORRI HIGHER	DNK 000304604	F	JNS-TF	236JE5005	97	440	2,269	89	-581	0.36	47	0.18	15	354	330	2.76
A	SEXING HUXFORD-ET	840003203845449	F	JNS-TF	551JE1765	96	35	210	95	924	-0.05	33	0.00	33	218	214	2.98
A	RIVER VALLEY PFENNIG PERFECT FIT	840003009997718	F	JNS-TF	147JE6213	96	9	132	96	569	0.11	51	0.03	28	335	327	2.91
F	ISDK VJ MOSEGAARD HILARIO HAARE	DNK 000304229	F	JNS-TF	236JE229	96	186	360	88	-5	0.19	41	0.13	28	349	333	2.97
F	ISGB GRAHAMS GOLDTOP-ET	GBR 178402906	F	JNS-TF	522JE1727	96	44	312	85	149	0.21	53	0.10	27	331	322	3.14
F	ISDK VJ HAUGSTEDGAARD HORST	DNK 000303706	F	JNS-TF	236JE251	96	103	183	88	-708	0.41	51	0.18	11	437	417	2.88
G	BOHNERTS ALTADEONTE	USA 174084556	F	JNS-TF	11JE7269	95			78	1257	-0.11	35	-0.04	36	331	332	2.96
A	SANDCREEKS D LARS COLOMBIA278-ET	840003134637593	F	JNS-TF	100JE7410	95	6	123	95	664	-0.04	23	0.01	26	390	388	3.09
G	ISDE DIAMO-ET	DEU 362375463	F	JNS-TF	202JE608	95			76	284	0.05	24	0.06	23	258	250	3.02
G	VERJATIN INNOVATION-ET	CAN 120009244	F	JNS-TF	97JE207	95			78	812	-0.03	32	-0.05	19	373	372	2.82
G	KASH-IN CRAZE SPIKE-ET	840003201336384	F	JNS-TF	551JE1776	95			82	-194	0.26	45	0.10	14	420	408	2.98
A	DUPAT DILBERT-P-ET	840003127607529	F	JNS-TF	97JE195	95	41	126	92	328	-0.04	7	0.00	12	275	274	3.03
F	ISDK VJ LUKOWA	DNK 000303732	F	JNS-TF	236JE160	95	214	467	87	-913	0.47	52	0.18	4	443	421	2.82
G	MR CHROME LASPADA-ET	840003230462392	F	JNS-TF	551JE1873	94			79	-269	0.20	29	0.07	4	301	292	2.90
A	YOSEMITE KW MASTERS DEGREE-ET	840003131274413	F	JNS-TF	100JE7398	93	13	65	93	185	0.11	33	0.06	19	286	275	2.83
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	376	360	2.84
A	ISDK VJ BALSLEV LOBO CHOKO	DNK 000304568	F	JNS-TF	236JE4568	92	515	2,278	95	-313	0.30	48	0.18	26	270	254	3.17
A	JX SEXING GALLANTRY {4}-ET	840003203845448	F	JNS-TF	551JE1762	91	68	1,600	99	2029	-0.07	83	-0.03	68	613	620	3.54
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	455	455	3.09
G	KASH-IN SUPERIOR-ET	840003149286915	F	JNS-TF	551JE1806	91			81	881	0.03	50	0.06	45	470	458	2.93
G	JX ISDE RHO GEROME {5}-P-ET	DEU 956985505	F	JNS-TF	200JE614	91			75	512	0.12	51	0.06	32	414	407	3.09
F	ISDK VJ ADELGAARD HIHL HIWE	DNK 000304155	F	JNS-TF	236JE220	91	422	1,545	89	-871	0.48	56	0.23	14	253	230	3.01
G	TOG ROCKLAND-P-ET	840003209969778	F	JNS-TF	1JE7316	90			78	1257	-0.15	27	0.00	46	527	525	3.13
F	ISDK VJ KLOVBORG HJORT KLOV {6}	DNK 000304276	F	JNS-TF	236JE243	89	252	928	88	-94	0.18	34	0.10	18	340	324	2.79
A	WETUMPKA LISTOWEL NIGEL-PP	USA 067339324	F	JNS-TF	566JE109	88	26	43	89	421	0.02	25	0.03	22	378	372	3.00
F	ISDK VJ JUULSGAARD KLOV KLIBER	DNK 000304667	F	JNS-TF	236JE4667	88	188	703	88	15	0.14	30	0.10	22	260	244	2.80
G	VIERRA SHOW OFF-ET	840003239528826	F	JNS-TF	100JE7461	88			73	-235	0.13	15	0.07	6	259	248	2.86
F	ISDK VJ ALSTRUP HICKEY HAMA	DNK 000303968	F	JNS-TF	236JE178	88	214	515	88	-805	0.32	27	0.15	1	268	255	3.05
G	VERJATIN MOONSHINE-ET	CAN 110974992	F	JNS-TF	182JE1026	87			77	1176	-0.06	44	-0.01	41	401	401	3.16
G	TOG OCCIPITALIS-ET	840003131225261	F	JNS-TF	97JE204	87			78	949	-0.11	22	0.01	37	299	297	3.12
F	ISDK VJ OESTERMARIE HAARE HAYS	DNK 000304613	F	JNS-TF	236JE4613	87	384	1,105	89	-583	0.27	28	0.15	10	235	220	3.02
A	JX SEXING HATARI BYRON {4}-ET	840003132353660	F	JNS-TF	551JE1731	86	14	102	93	638	-0.03	25	0.02	28	320	318	3.11
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	265	246	2.84
G	JX PINE-TREE ENZO DAVE {4}-ET	USA 067771879	F	JNS-TF	551JE1756	85			81	1693	-0.17	44	-0.06	48	411	414	3.05
F	ISDK VJ KROGAARD QUINTANA QUIT	DNK 000304653	F	JNS-TF	236JE4653	85	282	641	88	-1415	0.48	26	0.23	-7	253	232	2.94
A	FOREST GLEN CRAZE TRIPP-ET	USA 067650436	F	JNS-TF	29JE4213	84	17	112	86	497	0.18	63	0.04	26	419	414	3.03
G	LENCREST TOBEFAMOUS	CAN 111602150	F	JNS-TF	777JE1320	84			78	216	0.21	56	0.05	18	401	394	2.99
F	ISDK VJ HIHL	DNK 000303812	F	JNS-TF	236JE162	84	924	3,498	91	-778	0.30	23	0.20	13	175	151	2.83
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	419	411	2.92
F	ISDK VJ HJORTVANGS HOLMER HJORT	DNK 000303828	F	JNS-TF	236JE166	83	352	1,187	90	50	0.27	59	0.12	27	392	376	2.90
A	JX FARIA BROTHERS THANOS {4}-ET	840003149595911	F	JNS-TF	97JE194	82	39	374	97	1120	0.01	57	-0.01	39	327	325	3.02
G	KASH-IN SALVO	840003142481764	F	JNS-TF	551JE1799	82			79	778	-0.02	33	0.05	39	404	395	2.96
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	266	263	3.03
F	ISDK VJ GAMMELGAARD PEREZ PELE	DNK 000304550	F	JNS-TF	236JE4550	82	310	1,171	89	-307	0.40	69	0.16	22	302	282	2.88
F	ISDK DNK VJ JERN	DNK 000303457	F	JNS-TF	236JE176	82	131	236	89	-407	0.30	43	0.15	17	318	299	2.91
G	ISDE CHECKTER-P-ET	DEU 956985459	F	JNS-TF	202JE611	81			75	622	0.09	50	0.01	26	403	400	3.05
A	TOG FEDERER 37562-P-ET	840003203346870	F	JNS-TF	97JE202	81	18	116	94	63	0.15	36	0.08	19	443	432	2.90
G	PINE-TREE I SPY-PP-ET	USA 067652665	F	JNS-TF	566JE112	81			77	227	0.07	25	0.04	17	388	380	2.90
A	SEXING ZIPPER AUTOMATIC 59995-ET	840003010363742	F	JNS-TF	151JE1625	81	31	295	97	104	0.12	31	0.05	15	389	378	2.77
A	JX SEXING GM RHUSS {6}-ET	840003146625424	F	JNS-TF	551JE1781	81	81	1,010	99	76	0.10	26	-0.01	0	391	388	2.77
A	TOG MAGNESIUM W961 8664-ET	840003200059621	F	JNS-TF	97JE201	80	12	106	93	1029	-0.13	21	-0.01	35	334	332	3.02
G	PINE-TREE DO IT RIGHT-ET	USA 075812302	F	JNSC	515JE6	80			79	-451	0.22	23	0.16	16	307	292	3.06
G	KASH-IN FORCEFUL-ET	840003142481765	F	JNS-TF	551JE1800	79			79	1013	0.02	53	0.01	39	457	452	2.97
A	JX DUPAT JLS STRMCLD DORSAI {5}-ET	840003141725606	F	JNS-TF	147JE6229	79	15	67	93	1334	-0.14	33	-0.05	38	473	478	3.16
A	JX FARIA BROTHERS WILFORK {4}-ET	840003140371429	F	JNS-TF	551JE1704	79	20	255	97	824	-0.12	13	-0.01	29	257	251	2.80

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

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
2.7	2.4	1.4	71	7.3	0	0	80	0.4	-0.7	-1.0	0.2	H1.9	-0.6	S0.4	S0.2	1.1	-0.1	-1.0	0.0	S0.9	C1.3	S0.9	C0.8	C1.4	10.1
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
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
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
-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
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
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
1.5	1.5	-0.5	73	8.3	0	0	80	1.0	1.5	1.3	1.6	H1.5	1.6	0.0	S0.6	1.9	1.6	1.1	0.5	0.0	C1.4	L0.9	C0.6	C0.4	15.8
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
1.4	-0.4	2.0	70	8.2	0	0	79	0.2	1.7	0.7	0.0	L1.0	0.9	P0.7	S0.4	1.5	0.3	-0.8	-0.1	S2.2	W0.1	L0.1	0.0	C0.5	16.5
3.0	-0.8	-0.5	74	10.1	0	0	80	1.5	0.9	-0.2	1.1	H0.2	0.0	P0.4	S0.2	2.0	1.3	0.9	0.4	S2.1	C1.3	S0.7	C0.5	C1.0	19.9
3.6	1.6	-0.8	74	8.5	0	0	81	1.7	1.5	-0.2	0.7	H1.1	0.6	P0.9	S1.2	3.0	2.1	-0.3	0.9	S3.6	C0.4	L1.5	C0.3	C0.3	19.8
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
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
3.3	0.6	0.6	74	10.1	0	0	81	1.7	2.4	-0.3	1.1	H0.1	0.7	S0.4	S0.5	3.5	2.0	0.9	0.7	S4.0	C2.0	S1.1	C1.7	B0.4	19.3
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
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
-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
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
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
3.5	-0.6	-3.0	74	8.6	0	0	82	0.8	0.8	1.0	1.3	H0.1	0.6	S0.2	L0.6	-0.6	-0.2	1.2	0.7	D1.6	C1.5	0.0	C1.4	B0.2	4.7
1.8	-0.1	-1.3	71	6.5	0	0	78	0.5	0.9	0.0	0.5	L0.3	0.0	S0.3	L0.1	0.8	1.4	0.3	0.6	S1.9	W0.4	S0.5	C0.3	B0.4	17.5
-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
4.1	0.0	-1.4	73	9.3	0	0	81	0.8	-1.5	-0.4	0.6	H0.6	-0.6	P0.3	S0.1	0.9	1.3	0.3	-0.4	0.0	W0.3	S0.6	W0.8	B0.5	12.9
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
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
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
3.8	2.0	1.0	68	9.2	0	0	76	2.0	2.6	0.7	0.7	H0.5	1.5	P0.4	S1.1	4.1	2.6	0.3	1.6	S4.1	C2.1	S0.6	C2.2	B0.1	18.7
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
1.9	-1.3	-2.1	71	8.3	1	1	79	1.2	2.3	0.0	1.8	L0.1	0.4	P0.6	S0.9	1.5	1.9	1.7	0.1	S1.5	C0.8	S0.4	C0.6	C0.2	20.9
1.8	0.4	1.6	73	9.2	0	0	80	0.9	1.0	1.3	1.0	H0.4	1.5	S0.6	S0.4	1.5	1.4	0.4	0.2	D0.2	C0.6	L0.7	C0.3	C0.3	14.1
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
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
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
2.3	0.3	-2.9	74	9.3	1	1	81	1.3	1.5	1.2	1.6	H0.6	0.5	S0.1	S0.2	1.2	0.9	1.1	1.1	D0.1	C1.3	L0.5	C1.3	C0.1	12.7
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
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
2.4	-1.5	-2.0	73	7.7	0	0	80	1.6	0.8	-0.1	1.6	H0.4	-0.1	P1.2	S0.9	1.6	1.8	1.1	0.8	S0.9	C1.5	L0.1	C1.2	B0.5	17.5
-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
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
-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
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	L0.4	C1.1	C0.3	17.3
3.0	1.0	-2.6	74	8.9	0	0	81	0.7	0.8	0.4	0.5	H1.0	-0.2	P0.6	S0.3	0.0	0.0	-0.2	0.5	D0.1	W0.1	L0.2	W0.4	C0.4	8.6
2.1	1.1	-0.2	72	6.8	2	3	81	0.3	1.5	1.1	0.1	H0.3	0.5	P0.9	S1.3	2.1	0.5	-0.6	-0.8	S2.6	W0.7	L0.3	W1.2	C0.7	17.1
-1.4	-1.9	1.0	79	3.4	143	556	81	-0.8	0.5	0.5	-0.2	L1.1	0.5	S0.9	L0.7	-1.2	-1.4	-0.9	-0.6	D0.1	W1.5	S0.6	W0.9	C0.9	1.5
1.1	0.2	1.2	82	4.4	76	113	81	-0.6	-0.2	0.5	-0.6	H0.7	0.0	P0.5	S0.8	-1.5	-0.8	0.6	-0.5	D1.8	W1.5	L0.5	W2.2	B0.3	0.2
1.3	-2.2	-1.5	71	6.9	0	0	78	1.5	-0.7	-0.3	1.2	H0.3	-0.5	P0.7	S0.2	1.7	2.4	1.1	1.5	S0.9	C1.6	L0.6	C1.3	B1.4	17.4
3.6	1.8	0.3	78	7.4	7	52	90	-0.2	-0.7	-0.2	0.7	H0.7	-0.5	P0.5	S0.5	-1.2	0.7	1.1	-0.9	D1.9	W2.2	0.0	W2.7	B0.6	3.1
3.6	2.4	-0.2	70	8.0	0	0	80	1.0	0.0	-0.1	1.0	H1.0	0.2	P0.4	S0.5	0.7	2.1	1.3	0.3	S0.5	W0.5	L0.5	W0.6	B1.1	16.5
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
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
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
3.1	2.9	-0.1	72	8.7	0	0	81	1.0	0.7	0.4	0.2	H1.4	0.7	S0.1	S1.0	2.9	0.8	-0.6	0.1	S2.2	C0.7	S0.4	C0.4	C1.5	19.0
2.8	0.9	-5.2	74	9.2	0	0	81	1.4	0.5	0.4	1.2	H0.5	0.4	0.0	S0.3	0.6	1.0	0.5	1.5	S0.8	C0.7	L0.3	C1.3	B0.2	13.1
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
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

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
A	AHLEM CRAZE JALAPENO 24052-ET	840003144728247	F	JNS-TF	100JE7412	79	6	41	90	875	-0.10	21	-0.04	24	350	352	3.04
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	173	152	2.87
G	SEXING CHROME BOYCE-ET	840003146619631	F	JNSC	551JE1819	78			78	477	0.11	48	0.05	28	381	374	3.05
G	JX SEXING ANTON {4}-ET	840003203845433	F	JNS-TF	551JE1761	78			80	327	0.16	51	0.07	27	287	281	3.13
G	VICTORY RHONDAS BIG RED-ET	840003232102810	F	JNS-TF	7JE2120	78			78	335	-0.02	12	0.05	24	277	268	2.96
A	JX FARIA BROTHERS TYWIN {4}-ET	840003011610094	F	JNS-TF	535JE61	78	4	72	94	622	-0.03	23	0.00	23	346	344	2.99
A	OAK LANE COMANCHE COHORT-ET	USA 067742177	F	JNS-TF	97JE169	78	240	1,473	99	316	0.01	17	0.03	19	216	213	3.10
A	TOG ZORRO-PP-ET	840003125202110	F	JNS-TF	54JE626	78	7	45	91	-827	0.25	11	0.09	-11	215	202	2.79
A	ISDK DJ ZUMA	DNK 000302730	F	JNS-TF	236JE146	78	2,224	21,766	99	-1022	0.25	1	0.12	-14	278	263	2.74
G	JX SEXING GOT MAID BRUNN {4}-ET	840003132356576	F	JNS-TF	551JE1745	77			77	1688	-0.23	29	-0.07	45	328	333	3.07
G	JX PEAK PRESLEY {5}-ET	840003206963201	F	JNS-TF	180JE7190	77			79	1036	-0.02	46	-0.03	31	433	434	3.05
F	ISDK VJ GUNDESTRUP LESTEN LAST	DNK 000304651	F	JNS-TF	236JE4651	77	237	741	88	-1407	0.50	32	0.20	-11	223	201	2.77
A	JX SEXING GOT MAID PURSUE {4}-ET	840003132353767	F	JNS-TF	551JE1732	76	27	257	96	1042	-0.05	39	0.01	41	379	371	2.85
A	HILMAR CALYPSO CHEWBACCA {5}	USA 119552708	F	JNS-TF	100JE7374	76	17	94	94	1118	-0.18	14	-0.08	24	220	222	2.83
G	AHLEM CHROME PICANTO-ET	840003202631116	F	JNSC	515JE2	75			79	760	0.04	45	0.01	30	328	325	3.06
G	ISDE MAURICE-PP	DEU 364353501	F	JNS-TF	202JE613	73			75	624	0.01	32	0.02	28	241	237	3.05
A	SUNSET CANYON MIRROR-ET	USA 118808990	F	JNS-TF	203JE1638	73	75	1,239	99	-602	0.25	23	0.14	6	207	193	2.99
A	JX SEXING WORLD CUP PHOENIX {4}-ET	840003146616931	F	JNS-TF	551JE1749	72	6	48	91	-82	0.11	19	0.12	22	280	264	2.92
A	RIVER VALLEY CECE CHROME-ET	840003012423929	F	JNSC	7JE5004	72	2,303	24,911	99	537	0.01	29	-0.01	17	277	274	2.88
A	HILMAR TOPGUN {6}-ET	USA 119875908	F	JNS-TF	147JE6228	71	10	77	94	195	0.05	20	0.08	24	235	224	2.97
G	SUNSET CANYON DESMOND	USA 173345302	F	JNS-TF	100JE7415	71			77	55	0.20	46	0.10	23	329	316	2.98
F	ISDK VJ DONGSGAARDEN HUPI HUCK	DNK 000304157	F	JNS-TF	236JE221	71	80	131	87	-643	0.27	25	0.18	14	163	141	2.81
A	JX VIERRA CLAPTON {4}-ET	840003200644122	F	JNS-TF	777JE1228	70	29	1,218	99	856	0.09	61	0.04	40	491	485	3.07
A	JX AVON ROAD HIXTON {4}-ET	840003141545595	F	JNS-TF	97JE193	69	2	45	89	894	-0.13	14	-0.02	28	305	302	2.88
A	JX FARIA BROTHERS LEWANDOWSKI {4}-ET	840003140305997	F	JNS-TF	551JE1712	69	9	44	90	524	0.06	39	0.02	24	410	405	2.97
A	JX SEXING VICE UGO {5}-ET	840003203845399	F	JNS-TF	551JE1764	69	3	13	84	-43	0.20	41	0.12	23	412	404	3.25
F	RIVER VALLEY NBRAZIL SAXXON-P-ET	840003133234518	F	JNS-TF	202JE604	68	11	13	81	843	-0.09	21	-0.02	27	274	268	2.77
G	LENCREST BROADBAND-P-ET	CAN 120345574	C	JNS-TF	777JE1370	68			78	356	0.14	47	0.06	27	320	312	3.04
F	ISDK VJ RUNDKAERGAARD HALEY HAWK	DNK 000304551	F	JNS-TF	236JE4551	68	368	1,501	88	-280	0.23	34	0.16	23	264	245	2.91
A	AHLEM AXIS DAGGAR 22486	USA 073409447	F	JNS-TF	203JE1620	67	63	849	99	-24	0.07	13	0.07	15	198	190	3.00
F	ISDK VJ OUTRUP KLOV KLINK	DNK 000304666	F	JNS-TF	236JE4666	67	18	33	83	-284	0.10	7	0.08	7	213	199	2.76
A	ISDK VJ LINK	DNK 000303327	F		236JE155	67	1,677	8,874	95	-577	0.21	15	0.08	-4	272	262	2.88
A	GOLDEN DREAM SLUGGER CUBSWIN-PP	USA 173083516	F	JNSC	551JE1741	66	107	332	93	534	0.10	47	0.08	37	310	299	3.05
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	328	313	2.99
F	ISDK VJ DONGSGAARDEN HALEY	DNK 000304129	F	JNS-TF	236JE213	66	764	3,576	90	-658	0.31	32	0.15	6	194	176	2.81
F	ISDK VJ HOEHOLT PICK PEREZ	DNK 000304130	F	JNS-TF	236JE212	64	524	1,792	90	-1092	0.42	32	0.25	11	202	176	2.92
F	ISDK VJ HOEHOLT GALVANIZE GAZZ	DNK 000304165	F	JNS-TF	236JE225	63	62	123	88	162	0.16	42	0.08	23	319	308	2.97
A	ISDK VJ HOEHOLT HILDE HUZAR	DNK 000303788	F	JNS-TF	236JE253	63	910	4,335	94	-1524	0.44	13	0.21	-15	143	125	2.95
A	AHLEM CRAZE DOC 24061-ET	840003144728256	F	JNS-TF	100JE7413	62	8	80	93	323	-0.04	8	-0.05	0	266	270	2.93
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	336	336	3.16
F	ISDK VJ RONHOLM HICKEY HIAN {6}	DNK 000303933	F	JNS-TF	236JE167	60	252	613	89	-582	0.17	8	0.15	9	264	248	2.94
G	VERJATIN LEVINE-ET	CAN 110975012	F	JNS-TF	551JE1784	60			78	-257	0.14	17	0.05	1	231	222	2.79
A	AHLEM BANCROFT CHICAGO 23929	USA 067823929	F	JNSC	100JE7403	57	31	97	94	988	-0.14	16	-0.03	30	315	315	2.99
A	JX FARIA BROTHERS MAHREZ {5}-ET	840003144724308	F	JNS-TF	551JE1737	57	8	36	90	605	-0.06	17	0.03	29	186	180	2.97
G	ISDE MOJITO-PP-ET	DEU 364353423	F	JNS-TF	202JE612	56			75	727	-0.11	10	0.02	30	271	268	3.04
A	JX FARIA BROTHERS CAVANI {4}-ET	840003140306014	C	JNS-TF	551JE1714	56	7	22	89	102	0.16	40	0.07	19	331	321	2.96
G	VERJATIN TREND-ET	CAN 110768716	F	JNS-TF	100JE7408	56			78	644	-0.05	20	-0.04	14	166	170	3.00
A	BW CITATION A-ET	USA 118367576	C	JNS-TF	505JE125	55	326	1,735	99	-40	0.01	0	-0.03	-8	252	255	2.95
A	JX SANDCREEKS D STEVENS PARAGUAY {6}-ET	840003144012326	F	JNS-TF	566JE105	54	17	30	89	85	0.04	12	0.05	14	179	171	2.96
A	JX SEXING HATARI MEDFORD {4}-ET	840003132356315	F	JNS-TF	551JE1747	50	5	14	86	828	-0.12	13	0.03	36	239	238	3.20
A	JX BW COUNTDOWN {5}-ET	840003131148667	F	JNS-TF	551JE1667	49	30	314	97	549	-0.12	0	-0.01	18	131	129	2.97
A	SUNSET CANYON BERLIN-ET	USA 173345263	F	JNS-TF	100JE7414	49	3	22	87	-738	0.37	40	0.19	11	262	245	3.08
G	PINE-TREE DENMARK VALUABLE 2216-PP-ET	USA 075812216	F	JNS-TF	566JE110	49			80	-426	0.10	1	0.04	-8	168	162	2.83
A	ISDK VJ HAGENBERGGAARD HITMAN {5}	DNK 000304254	C	JNS-TF	236JE231	49	1,127	5,876	95	-1776	0.38	-12	0.28	-10	118	94	3.06
A	JX SEXING WALTER CRANSTON 60790 {5}	840003010364537	F	JNS-TF	551JE1642	48	8	42	91	275	0.15	45	0.06	24	240	230	2.92
G	JER-Z-BOYZ DOMINATOR KNOCK-OUT-ET	USA 173567418	F	JNS-TF	147JE6231	48			77	434	0.12	47	0.02	20	287	287	3.16

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

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
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
-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
1.4	-2.3	-2.2	74	8.9	0	0	81	1.6	0.4	-0.5	1.6	H1.0	0.4	P0.5	S0.7	2.0	2.0	1.5	0.1	S1.4	C1.1	0.0	C0.7	B0.7	21.2
0.7	1.4	-0.5	73	7.7	2	11	83	0.6	1.6	1.4	0.7	H0.5	1.9	S0.4	S0.5	0.8	0.7	0.6	0.8	D0.4	C2.1	L0.3	C1.9	C0.4	9.7
2.5	1.3	-0.9	74	9.0	0	0	81	1.5	0.9	0.6	1.2	L0.2	0.8	P0.8	S1.2	2.6	2.1	1.6	1.0	S1.6	C1.4	S0.3	C1.3	B0.6	21.8
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
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
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
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
2.7	-2.1	-2.2	71	7.0	0	0	79	0.8	0.8	1.3	1.1	H0.8	0.3	P0.1	S0.5	0.5	-0.1	0.8	0.8	D0.5	C0.3	L0.9	C0.2	C0.3	9.3
2.6	-0.5	-2.1	72	7.8	0	0	81	0.8	-0.5	-0.3	0.8	H0.9	-0.1	S0.6	L0.4	1.1	0.0	-0.3	-0.1	S0.2	C0.6	L0.2	C0.2	C0.5	11.1
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
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
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
0.1	-1.8	-0.8	74	9.3	0	0	81	1.0	1.9	-0.8	2.0	L1.3	-0.1	S1.3	L0.5	0.5	1.2	1.0	0.4	S0.6	C0.6	S0.1	C0.1	C0.7	14.9
0.9	-0.5	-1.2	68	7.2	0	0	77	1.0	1.7	1.0	1.0	H1.0	1.0	P0.3	S0.8	1.2	1.2	1.0	0.3	S0.6	C0.1	L1.2	W0.9	B0.4	15.6
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
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
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
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
1.2	0.0	-1.8	70	7.2	0	0	79	0.5	0.8	0.0	0.9	H1.4	0.5	S0.7	0.0	1.6	0.9	0.1	-0.6	S1.0	C0.7	S0.5	W0.1	C0.6	15.4
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
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
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
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
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
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
1.2	1.3	-2.3	72	7.9	0	0	80	1.0	0.1	1.3	0.8	H1.3	0.7	S0.4	S0.2	1.8	0.5	0.2	0.7	S0.6	C0.6	L0.7	C0.2	B0.7	14.1
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
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
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
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
-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
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
-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
-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
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
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
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
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
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
2.4	0.7	-0.4	73	9.3	0	0	80	1.6	1.7	-0.7	0.8	H0.3	0.3	P0.3	S0.3	2.5	1.2	0.0	1.2	S3.8	C2.6	S1.1	C2.5	C0.8	14.8
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
-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
2.7	-0.1	-1.8	70	9.1	0	0	78	0.9	-0.1	0.4	0.1	H0.5	-0.2	P0.6	S0.1	1.4	0.7	0.0	0.5	S0.8	C0.3	L1.1	W0.3	B0.5	14.0
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
1.5	-1.2	0.0	73	8.4	0	0	80	1.2	2.7	-0.1	0.9	H0.6	0.8	P0.1	S0.7	1.5	1.7	0.5	0.9	S2.9	C0.1	L1.2	C0.5	C0.3	19.5
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
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
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
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
-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
3.8	2.1	0.6	71	8.0	1	2	81	1.0	1.1	-0.2	-0.3	H0.9	0.8	P0.9	S1.0	3.3	1.2	-1.2	-0.1	S4.9	W0.5	S0.1	W0.4	C0.1	15.1
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
-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
0.4	-2.7	-2.1	71	8.0	0	0	78	1.6	0.7	-0.5	2.4	H0.2	-0.1	S0.7	S0.1	1.5	1.7	1.1	0.3	S1.1	C1.7	L0.9	C0.9	B0.6	17.5

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
A	SEXING LEMONHEAD DOYLE-ET	840003132348057	F	JNSC	551JE1698	48	37	92	91	245	-0.11	-11	-0.02	5	133	134	2.95
A	DUTCH HOLLOW OSCAR-P-ET	840003148600877	F	JNS-TF	566JE108	48	32	72	92	-461	0.29	38	0.05	-6	187	182	2.94
F	ISNZ LITTLE RIVER NUCLEUS S3J	NZL 000317513	F	JNS-TF	97JE17513	47	156	807	58	-1043	0.31	13	0.15	-7	130	114	2.94
A	AHLEM WHISTLER-ET	USA 067823718	F	JNS-TF	777JE1140	45	224	1,643	99	787	-0.02	33	-0.02	25	150	149	2.97
A	TATE BENEFACOR SAVIOR-ET	840003006436157	F	JNS-TF	147JE6227	44	3	93	95	1278	-0.22	13	-0.07	30	61	63	2.87
A	JX SR STERLING MATTER (6)-PP	USA 173156928	F	JNS-TF	97JE181	44	5	22	88	501	0.02	29	0.03	24	308	302	2.93
A	JX FOUR J MESSI MELLY (5)	840003142841125	F	JNS-TF	551JE1739	44	12	216	96	-91	0.27	53	0.09	15	318	310	3.08
G	ISAU PIXSTAR-ET	AUS 000748149	C	JNS-TF	187JE5427	44			77	214	0.06	24	0.01	9	234	231	2.91
G	ISAU CAIRNBRAE ROULETTE	AUS 000789655	C	JNS-TF	187JE5546	43			76	-113	0.00	-5	0.07	10	115	108	3.06
A	SUNSET CANYON BREXIT	USA 173435265	F	JNS-TF	100JE7418	43	8	46	90	-980	0.26	5	0.14	-7	155	140	2.89
A	PINE-TREE SLUGGER BEN-P-ET	USA 067671679	F	JNSC	97JE186	42	15	97	93	77	0.18	42	0.09	21	246	237	3.07
A	ELLIOTTS REGENCY CASINO-ET	840003125141657	F	JNS-TF	14JE725	42	1,189	6,784	99	-332	0.07	-1	0.12	12	119	109	3.10
G	JX ALL LYNN HARRIS VALI (5)	USA 172966184	C	JNS-TF	321JE101	41			77	851	-0.01	38	0.04	39	253	243	2.88
F	DEU RC SOL-PP	DEU 539873046	F	JNS-TF	624JE8001	40	41	54	84	159	0.02	13	0.05	16	34	26	2.95
A	SUNSET CANYON BAILANDO-ET	USA 173227815	F	JNS-TF	100JE7416	40	7	31	89	-470	0.22	22	0.10	4	114	101	2.86
G	COVINGTON COJACK LUKE-PP	840003202129292	F	JNS-TF	202JE609	39			72	446	-0.12	-4	0.01	18	151	147	2.95
G	KEVETTA CHROME DEXTER	840003210402520	F	JNSC	94JE4314	39			78	356	-0.09	-2	-0.01	11	69	66	2.89
F	SUNNYDAWN OLYMPIAN	GBR 000055862	C	JNS-TF	224JE2370	39	65	174	84	-866	0.20	-1	0.11	-10	135	124	2.88
G	MHD DONIER-PP-ET	DEU 406414157	F	JNS-TF	202JE610	38			76	615	-0.02	25	-0.01	20	213	211	2.95
A	SUNSET CANYON MAID-RITE-ET	USA 119714531	F	JNS-TF	100JE7382	37	33	130	95	-608	0.32	37	0.16	10	215	200	3.03
A	AUDIBEL DISCO JOLIN-ET	CAN 110644858	F	JNS-TF	250JE1778	37	88	182	91	176	-0.10	-12	-0.03	-1	174	177	2.96
G	JX FOUR J NXLEVEL 50057 (4)	840003142841116	F	JNS-TF	147JE6232	36			76	174	0.15	41	0.08	23	339	334	3.24
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	175	169	2.91
A	JX SEXING DAYBREAK CHICO (6)-ET	840003132349950	F	JNS-TF	551JE1668	33	14	45	91	525	-0.08	8	0.04	28	317	313	3.13
G	RIVENDALE CRAZE SAVAGE-ET	840003206094740	F	JNS-TF	54JE936	33			78	-1006	0.25	1	0.10	-16	171	164	3.05
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	210	205	3.07
A	GOLDEN DREAM AMERICAN PHAROAH-P	USA 172553124	F	JNS-TF	566JE106	29	61	310	94	-199	-0.04	-18	0.06	6	53	46	3.02
G	PINE-TREE DISCO BENJI-ET	USA 067771867	F	JNSC	551JE1755	29			79	-416	0.15	12	0.08	2	118	110	3.02
A	PINE-TREE DISCO BUBBA-ET	USA 067771710	F	JNSC	551JE1723	29	134	873	99	-589	0.07	-15	0.09	-4	128	120	3.03
G	UNIQUE SKYFALL	CAN 014305608	F	JNS-TF	250JE2131	29			75	-487	0.18	14	0.06	-5	-4	-10	2.98
G	ISAU LEMANS	AUS A00724347	F	JNS-TF	187JE5369	29			77	-379	0.12	7	0.00	-14	16	16	2.92
A	DUTCH HOLLOW VOLCANO CHARLES	840003008461617	F	JNS-TF	151JE19	28	94	744	99	735	-0.05	24	-0.03	21	130	131	3.03
A	SUNSET CANYON DENMARK-P-ET	USA 119872521	F	JNSC	100JE7391	27	51	248	97	-551	0.27	29	0.12	5	139	125	2.91
A	AHLEM KWYNN CHINOOK 23485	USA 067823485	F	JNSC	551JE1700	27	30	92	93	-536	0.10	-6	0.06	-7	1	-7	2.86
A	HILMAR PAUL RANCHO (5)	USA 118378707	F	JNS-TF	147JE6220	26	8	61	92	35	0.15	34	0.09	20	149	139	3.02
A	JX FARIA BROTHERS PINSON (5)-ET	840003132351602	F	JNS-TF	551JE1690	26	11	144	96	-30	0.08	15	0.06	12	-19	-25	3.03
F	DEU ROSE CALLENBERG CRYSTAL-P-ET	DEU 539873090	F	JNSC	202JE607	24	37	45	83	-47	0.01	0	0.01	0	-43	-44	2.97
F	ISDK VJ JANUS	DNK 000303458	C	JNS-TF	236JE168	24	86	180	88	-1368	0.34	1	0.17	-17	-47	-61	3.01
A	SOUTH MOUNTAIN CANDYMAN-ET	840003141003008	F	JNSC	250JE1793	22	120	366	96	363	-0.12	-9	-0.03	7	109	109	2.90
A	JX FARIA BROTHERS DYBALA (4)-ET	840003140305952	F	JNS-TF	551JE1709	21	5	17	87	601	0.04	37	-0.01	20	140	141	3.07
A	JX TLJ NXLEVEL BUSTER (5)	USA 067300610	F	JNS-TF	100JE7399	15	11	97	93	488	-0.03	18	0.00	17	92	96	3.25
A	JX WILSONVIEW MARVEL SOUL (4)-ET	USA 118313166	F	JNS-TF	203JE1422	15	25	209	97	26	0.06	13	0.00	2	104	104	3.07
G	DEU SAMOA-P	DEU 360706147	F	JNS-TF	265JE6147	12			72	439	0.04	29	-0.02	11	87	89	3.02
A	HILMAR SPARKY ATLAS (5)-ET	USA 119268647	F	JNS-TF	100JE7367	12	6	33	91	53	0.04	11	0.03	9	84	80	3.05
G	VERJATIN DAYLIGHT	CAN 110356901	F	JNS-TF	551JE1718	12			76	-238	0.14	17	0.07	7	37	29	3.02
F	ISDK VJ RODME NYGAARD RODME	DNK 000303952	F	JNS-TF	236JE169	12	960	3,972	90	-1015	0.38	27	0.18	-1	74	57	2.96
A	COVINGTON MAID OF MAGIC-P	840003202129242	F	JNS-TF	54JE886	12	7	22	86	-267	0.10	9	0.03	-4	101	96	2.86
A	HILMAR PAUL BRONCO (5)-ET	USA 118381604	F	JNS-TF	147JE6219	11	7	90	94	243	0.07	26	0.06	21	172	164	3.00
A	CRF LEGAL PROMISE	USA 117722352	F	JNSC	203JE1347	10	238	3,627	99	-847	0.13	-14	0.10	-11	134	126	2.99
G	DULET BOOMERANG	CAN 120396339	F	JNS-TF	799JE49	9			77	-328	0.20	26	0.14	17	-39	-51	3.12
G	UNIQUE MAVERICK-ET	CAN 013356397	F	JNS-TF	799JE32	8			78	-3	-0.01	-3	0.02	4	33	36	3.28
G	VERJATIN OCTOBERFEST	CAN 110768710	F	JNS-TF	182JE1013	6			78	30	0.02	5	0.03	7	116	112	2.98
A	ISDK Q IMPULS	DNK 000301592	F	JNS-TF	236JE3	6	3,390	32,859	99	-526	0.17	10	0.11	4	43	34	3.09
F	ISDK VJ SOLBAKKEN HALEY HIRTS	DNK 000304552	F	JNS-TF	236JE4552	5	360	1,935	89	-1649	0.47	12	0.25	-12	0	-22	2.98
G	LENCREST HORIZON-ET	CAN 120767577	C	JNS-TF	200JE1407	1			78	-877	0.27	12	0.15	-1	-57	-70	3.07
G	BW VALENCIA-ET	840003126536268	F	JNS-TF	551JE1657	1			80	-111	0.03	2	0.00	-4	114	115	3.05

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

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
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
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
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
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	B0.1	19.8
-1.2	-1.4	-1.1	81	7.6	1	73	92	0.6	2.2	0.9	1.3	H0.8	1.3	S0.6	S0.6	-0.3	0.6	0.8	-0.1	D0.1	W1.1	L2.1	W2.1	B0.6	8.5
1.7	-1.5	-3.1	74	8.6	5	19	85	0.2	-1.1	-0.8	0.3	H0.7	-0.6	P0.1	L0.8	0.8	-0.1	-0.6	-1.1	S0.3	C0.1	S0.7	W0.2	C0.9	9.3
1.3	0.9	-3.7	84	8.5	5	31	88	1.2	0.5	-0.1	0.7	H0.8	0.3	0.0	S0.6	2.5	1.5	-0.2	-0.5	S2.8	C0.9	0.0	C0.1	C0.4	20.7
2.3	0.2	-1.4	74	9.4	0	0	80	1.0	0.0	0.0	0.5	L0.3	0.1	P0.3	S0.1	0.5	0.8	1.3	0.9	S0.4	C0.9	S0.5	C1.1	B0.1	13.2
2.3	1.3	0.4	73	9.1	0	0	79	2.2	2.0	0.7	2.2	H1.1	1.3	S0.3	S0.6	2.4	2.1	2.3	2.2	S1.4	C3.5	S1.2	C3.9	B0.1	18.6
2.0	1.8	1.3	78	8.1	7	34	88	1.2	1.2	-0.5	0.8	H1.0	0.6	P0.6	S1.4	2.1	1.2	-0.4	1.7	S2.9	C1.5	S0.2	C1.7	C0.1	17.0
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
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
-1.2	-4.8	-4.9	72	8.4	0	0	80	0.5	-0.4	-0.3	0.6	H0.6	-0.6	P0.6	L0.1	1.1	0.8	0.4	-0.3	S0.9	W0.2	S0.2	W0.6	C0.3	15.1
-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
-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
2.6	-0.1	-1.7	67	8.4	0	0	76	1.3	0.2	0.4	0.3	H0.5	0.3	P0.4	S0.1	1.9	2.3	1.0	0.2	S1.7	W1.1	L1.7	W1.7	B1.2	19.8
1.3	-1.1	-0.9	74	9.1	0	0	81	1.9	2.0	0.4	1.6	H0.6	1.2	P0.9	S1.3	2.3	2.1	1.8	1.3	S1.8	C1.6	L0.4	C1.5	B1.4	21.2
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
1.2	-0.5	-1.6	73	8.7	0	0	79	1.2	-0.3	1.0	0.8	H0.1	0.8	P0.4	S0.2	1.4	1.0	0.9	0.4	S0.4	C1.7	S0.7	C1.0	C0.3	14.3
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
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
1.3	-1.8	-2.9	71	8.3	0	0	78	1.4	-0.3	-0.7	1.8	L0.7	-0.4	P0.3	L0.3	1.4	2.6	1.5	1.0	S0.8	C0.5	0.0	C0.5	C0.4	19.8
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
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
4.1	2.5	1.1	72	7.7	0	0	80	1.5	0.7	-0.8	0.1	H0.9	0.0	P0.5	S0.6	2.7	1.9	-0.4	0.9	S4.0	C0.5	L1.2	C0.7	B0.8	17.5
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
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
1.1	2.8	-1.3	74	8.6	0	0	81	1.0	0.8	-0.1	0.3	H0.9	0.5	S0.3	S0.5	2.4	0.3	-0.7	0.5	S2.3	C1.8	S0.6	C1.2	C2.0	15.7
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
-0.4	-0.3	-0.2	70	8.9	0	0	78	1.6	1.4	1.1	0.6	H1.1	1.2	P0.5	S1.3	3.2	0.7	0.6	0.8	S2.2	C2.9	S0.2	C1.9	C0.3	19.1
1.8	1.2	0.9	73	8.1	0	0	79	0.4	1.5	0.3	-0.6	L0.8	0.5	P0.5	S0.6	1.6	0.5	-0.2	-0.8	S1.6	W0.1	L0.4	W0.7	C0.8	15.4
-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
-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
1.1	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
-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
-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
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
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
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
-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
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
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
-0.3	-0.2	-3.6	67	8.3	0	0	75	0.7	1.8	0.3	1.0	L2.1	0.6	P0.1	L0.1	1.0	0.8	0.3	-0.1	S1.1	W0.2	L0.3	W0.1	C0.5	15.5
-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
-0.7	0.1	-2.3	71	7.9	0	0	79	0.9	1.1	0.5	0.3	H0.7	0.7	S0.1	S0.5	2.0	1.2	0.2	-0.3	S2.2	W0.5	S0.3	W0.6	C0.1	20.0
-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
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
-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
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
-2.9	-2.2	-2.2	68	7.1	0	0	78	1.4	2.7	1.6	0.8	H1.4	2.0	P0.4	S1.0	4.0	1.4	0.8	1.0	S3.0	C1.4	S0.7	C1.6	B0.1	20.8
0.6	-0.1	0.7	71	7.7	0	0	80	1.1	0.5	0.2	1.0	H1.3	-0.2	P0.7	S1.0	1.7	0.5	0.7	-0.3	S0.8	C1.3	S0.4	C0.7	C0.5	15.0
0.8	1.1	-2.3	74	8.7	0	0	80	1.3	0.3	-0.4	1.2	L0.2	-0.1	S0.4	S1.1	1.2	0.8	0.3	1.7	S1.1	C2.0	S0.6	C2.4	C1.1	12.2
-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
-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
-1.4	0.9	-0.2	71	7.0	0	0	80	1.1	1.2	1.7	1.1	H1.5	1.3	P0.2	S0.5	1.7	0.7	0.5	1.1	S0.2	C0.1	L1.1	0.0	C0.1	13.9
2.2	0.3	-3.0	73	8.3	1	2	81	1.1	-0.7	-0.7	0.9	H1.3	-0.7	P0.4	L0.6	2.0	1.3	0.8	-0.6	S2.7	C1.2	S1.8	C0.7	C0.5	19.7

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

ST	Name of Bull	Registration #	JH1	JNS	NAAB Code	JPI	No. Hrds	No. Daus	REL %	Milk	% Fat	Fat	% Prot	Prot	CM\$	NM\$	SCS
A	ISAU LIGHTNING RIDGE FERDINAND	AUS 000778373	F	JNS-TF	551JE1825	1	10	24	86	-469	0.11	0	0.04	-9	-54	-55	3.12
G	IVY OAKS RUFUS PORTER-P	USA 174282169	F	JNS-TF	525JE12	1			78	-774	0.15	-7	0.09	-10	24	18	3.08
G	AVONLEA CHIP CRANKS MY TRACTOR-ET	CAN 014224883	F	JNS-TF	551JE1954	-2			78	-1436	0.25	-19	0.10	-32	-146	-154	2.96
F	LAMARIA WILBERT-ET	CAN 109960092	F	JNS-TF	551JE1693	-3	98	269	89	3	-0.06	-12	-0.03	-6	-84	-82	2.90
A	SUNSET CANYON DAUPHIN-ET	USA 119244292	F	JNS-TF	147JE6225	-4	3	51	93	-55	0.27	55	0.09	18	146	135	2.97
G	O.F. DISCO MIKE	USA 067198238	F	JNS-TF	330JE1	-4			78	173	-0.03	1	0.00	7	-20	-18	3.13
F	GLANMOR BELMONT WELSH WIZARD	GBR 000055719	F	JNS-TF	224JE2293	-4	109	284	84	-703	0.10	-13	0.03	-20	-71	-72	3.01
A	ST-LO PRESTO-ET	CAN 110150638	F	JNS-TF	97JE187	-4	46	187	95	-975	0.12	-23	0.01	-34	-84	-87	2.73
G	AVONLEA CHICORA-ET	CAN 014402312	C	JNS-TF	788JE4	-6			76	-967	0.11	-25	0.07	-22	-93	-93	3.23
A	RIVER VALLEY VICTORIOUS-ET	840003126479524	F	JNS-TF	7JE5032	-10	699	2,778	99	-740	0.16	-4	0.11	-5	-71	-80	3.03
F	ALL LYNNS VERNON MACARTHUR-ET	USA 118612153	F	JNS-TF	202JE601	-11	28	38	86	-484	0.17	12	0.06	-6	61	58	3.10
F	GUIMO JAMIE-ET	CAN 110194407	F	JNS-TF	777JE1135	-11	369	965	91	-870	0.20	-1	0.11	-9	-27	-37	3.00
F	ISDE URSTROMTAL NAPOLEON-PP-ET	DEU 272415982	F	JNS-TF	525JE11	-12	74	170	87	-203	-0.01	-12	-0.01	-9	-56	-54	3.02
A	ISAU BUSHLEA PN VIRAL-ET	AUS 000705410	F	JNS-TF	200JE8187	-12	50	116	95	-904	0.24	6	0.11	-10	29	25	3.26
A	ISAU CAIRNBRAE BONTINO	AUS 000691603	F	JNS-TF	187JE5308	-16	211	990	95	-526	0.13	2	0.10	1	-67	-75	3.07
F	RIBBLESDALE BEAUMONT	GBR 000055792	F	JNS-TF	224JE2336	-16	127	595	87	-1547	0.43	10	0.19	-20	-144	-157	3.10
G	DU SILLON KACHOW-ET	CAN 120747450	F	JNS-TF	788JE5	-17			78	-796	0.27	16	0.07	-14	29	23	3.02
A	SUNSET CANYON MEGATRON-ET	USA 117763696	C	JNS-TF	147JE6209	-20	129	1,981	99	16	0.26	57	0.06	14	47	43	3.16
G	ISAU DORNOCH JETFIGHTER PILOT	AUS 000792270	F	JNS-TF	522JE1860	-21			72	-722	0.16	-2	0.08	-10	-91	-95	3.13
G	VIERRA STING-ET	840003224438237	F	JNS-TF	777JE1376	-24			78	-1076	0.09	-33	0.08	-23	-188	-190	3.19
A	KASH-IN RECKLESS-ET	840003201335576	F	JNS-TF	7JE1808	-24	33	72	92	-1102	0.16	-21	0.01	-38	-82	-79	2.99
F	ST-LO BARCELONA POLLEN	CAN 110150613	C	JNS-TF	551JE1720	-27	58	109	87	-289	0.00	-15	0.00	-10	-150	-151	2.95
A	ENNISKILLEN ENGINEER 401	CAN 012038719	F	JNS-TF	224JE2479	-30	184	513	94	-1328	0.25	-15	0.07	-34	-124	-123	3.22
A	MR MILKSOURCE DAZZLER MATADOR-ET	840003130262082	F	JNS-TF	551JE1790	-33	24	49	89	-1249	0.06	-48	0.04	-38	-185	-186	2.95
G	AVONLEA CHOCOCHIP-ET	CAN 013638955	F	JNS-TF	777JE1296	-35			78	-1363	0.08	-51	0.07	-36	-267	-269	3.07
F	POTTERSWALLS STARBUCK	GBR 000055607	F	JNS-TF	224JE2275	-37	149	320	85	-1556	0.38	0	0.13	-32	-201	-211	2.96
F	CLOONEY CONQUERER-ET	GBR 000055781	F	JNS-TF	224JE2329	-41	61	169	84	-999	0.20	-8	0.09	-19	-227	-235	2.96
G	KCJF/LUCKY LADY DREAM-MAKER-ET	840003242815427	F	JNS-TF	7JE2230	-45			78	-1222	0.14	-31	0.08	-28	-233	-237	3.03
G	ARETHUSA/MM COMMISSION-ET	840003245152308	F	JNS-TF	7JE2142	-47			79	-1238	0.24	-11	0.07	-32	-270	-269	3.16
A	HILMAR MERCHANT MANUEL	USA 117577466	F	JNS-TF	147JE6210	-49	6	50	92	-686	0.15	-2	0.01	-24	-165	-166	2.88
F	SAXOWN KAISER CHIEF	GBR 000055717	F	JNS-TF	224JE2316	-53	100	290	84	-617	-0.02	-34	0.02	-19	-179	-178	3.06
A	ROYALTY RIDGE MB FULL THROTTLE	USA 118534918	F	JNS-TF	147JE6221	-55	15	37	92	-1591	0.14	-49	0.07	-44	-335	-337	3.01
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	-172	-182	3.16
A	SUNSET CANYON ACHILLES-ET	USA 173125047	C	JNS-TF	100JE7405	-70	10	15	86	-1242	0.14	-32	0.09	-27	-433	-438	3.04
F	FOURCROSSES ONTIME STAG	GBR 000055596	F	JNS-TF	224JE2284	-78	101	267	84	-1185	0.07	-44	0.06	-31	-290	-289	3.17
G	ANNETTES J ALDEAN-ET	840003242663941	C	JNS-TF	551JE1935	-80			77	-1816	0.31	-27	0.15	-38	-372	-381	3.06
G	MM VIP RECOGNITION-ET	840003222006181	F	JNS-TF	551JE1936	-83			78	-1854	0.25	-41	0.09	-51	-429	-428	3.23
A	MM VICTORIOUS FRANK-ET	840003201335580	F	JNS-TF	551JE1775	-88	49	111	93	-1576	0.18	-41	0.11	-37	-388	-393	3.06
G	AVONLEA CHIPS CANADIAN CLUB-ET	CAN 013478493	F	JNS-TF	551JE1840	-90			78	-1501	0.05	-63	0.06	-44	-437	-435	3.15
G	AVONLEA JOEL CHOCOLATIER-ET	CAN 012619755	F	JNS-TF	733JE3	-92			78	-1311	0.07	-50	0.02	-44	-349	-340	3.30
G	ENT-LLR-MPH AJ STELLAR-ET	840003150588027	F	JNS-TF	525JE14	-95			73	-1870	0.21	-50	0.13	-43	-479	-484	3.15
G	BIG GUNS COLTON VAN HALEN-ET	840003143948292	F	JNS-TF	54JE922	-95			79	-2041	0.16	-69	0.10	-55	-395	-397	3.12
G	VIERRA FOGERTY-ET	840003239528922	F	JNSC	100JE7463	-102			76	-1455	0.03	-65	0.08	-37	-470	-468	3.30
G	KASH-IN KNOX-ET	840003221921607	F	JNS-TF	777JE1381	-112			79	-2108	0.27	-50	0.15	-48	-635	-641	3.16
A	MR MADDIES COLTON MACHINE	840003209884647	F	JNS-TF	100JE7421	-132	4	10	81	-2109	0.30	-44	0.14	-51	-597	-596	3.37
G	TL VIERRA GENUINE	840003255668113	F	JNSC	100JE7459	-141			76	-1490	0.09	-54	0.04	-47	-614	-606	3.31
G	VIERRA JOURNEY-ET	840003250243135	F	JNSC	100JE7466	-146			75	-2226	0.22	-66	0.12	-58	-638	-638	3.27
G	VIERRA GRAVITY-ET	840003239528810	F	JNS-TF	100JE7460	-192			75	-1768	0.10	-66	0.00	-64	-772	-761	3.26
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	-815	-811	3.40
A	MR KATHIES KID ROCK	840003128791587	F	JNS-TF	551JE1772	-214	87	164	95	-2105	0.05	-93	-0.01	-80	-919	-900	3.45

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

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
-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
0.5	-0.4	1.1	73	8.0	0	0	80	1.5	-0.7	-0.3	0.5	H0.1	-0.4	P0.8	S0.8	1.6	1.9	0.3	0.7	S1.9	C0.9	S0.2	C0.8	B0.3	19.4
1.2	3.0	2.3	71	7.7	0	0	80	1.1	2.3	0.4	0.3	H1.3	1.1	P0.8	S1.5	2.5	0.5	-0.7	0.6	S3.2	C1.0	L0.9	C0.8	B0.3	16.3
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
-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
-0.4	-0.6	-1.4	72	8.2	0	0	80	1.6	2.1	-0.1	1.9	H1.8	0.9	P0.2	S0.4	1.3	1.5	1.1	1.0	S1.4	C1.0	L0.4	C0.5	C0.2	18.0
-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
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
1.7	2.3	2.6	70	7.7	0	0	78	1.6	1.0	0.2	0.7	H1.2	0.3	P1.0	S0.9	2.2	1.4	0.2	0.7	S2.2	C0.7	L0.5	C0.3	C0.2	20.3
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
-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
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
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
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
-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
-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
0.0	2.1	-2.2	72	7.9	0	0	80	0.5	-0.8	0.2	0.8	H0.6	-0.4	S0.7	L0.3	0.3	0.7	0.4	1.0	S0.1	W0.2	L0.7	C0.1	B0.5	11.2
-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
-1.2	0.0	0.4	68	7.1	0	0	76	0.5	-0.7	0.4	0.3	H0.5	0.0	S0.6	S0.4	0.4	0.5	0.7	2.0	D0.6	C1.9	L0.7	C2.2	B0.8	7.1
0.5	0.6	2.1	71	6.8	0	0	80	1.1	1.7	-0.3	0.5	H1.3	0.3	P1.5	S1.4	2.0	1.4	0.1	0.0	S3.0	W0.5	L0.3	W0.7	B0.5	19.7
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
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
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
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
2.0	2.1	2.7	71	6.2	0	0	80	1.5	1.6	0.7	1.2	H1.3	0.9	P0.6	S1.5	2.3	1.6	0.4	1.1	S2.4	C0.3	L0.7	C0.5	B0.8	21.0
-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
-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
0.3	0.0	-0.4	72	6.2	0	0	80	1.5	0.6	0.3	0.2	H0.2	0.3	P1.0	S0.7	3.4	1.7	0.0	0.8	S3.1	C1.4	L0.2	C1.3	B0.8	20.1
-0.7	-0.2	0.8	72	6.6	0	0	81	1.2	1.4	1.0	0.6	H1.3	1.5	P1.3	S1.1	2.2	0.3	0.5	-0.3	S2.0	C1.4	S0.9	C0.3	C0.3	18.0
-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
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
1.8	3.0	2.7	79	6.8	13	33	89	0.1	0.1	1.0	-1.3	H1.2	1.0	P1.2	S0.5	1.8	-0.7	-0.7	0.0	S1.4	C0.2	L0.8	W0.3	C0.2	13.2
-0.9	1.8	3.0	64	0.5	26	80	69	-2.0	-5.3	0.7	-3.4	H1.1	-1.2	0.0	L1.4	-1.4	-2.0	-1.8	-0.6	D1.7	W0.9	S0.1	W1.2	C0.4	-4.3
-2.4	-2.8	-1.0	74	6.6	14	19	85	1.3	2.9	0.6	1.4	H2.0	1.6	P1.0	S1.5	3.3	1.9	0.7	0.6	S3.1	C1.1	L1.5	C0.7	B0.4	21.7
-1.1	-1.0	0.6	78	4.5	35	95	77	0.4	-2.4	-1.1	0.0	H2.1	-0.7	P0.6	S0.6	1.3	1.0	0.6	-0.5	S0.8	C0.4	S1.2	C0.1	B0.8	15.2
-1.4	-0.9	-0.5	70	5.8	0	0	79	0.8	1.4	0.3	0.2	H1.7	0.5	P1.5	S0.8	1.9	0.8	0.0	-0.3	S2.2	W0.3	L0.7	W0.6	B0.2	18.6
0.0	0.7	1.3	70	4.9	0	0	80	1.9	3.0	0.5	2.0	H2.2	1.4	S0.3	S1.6	3.5	1.9	0.3	0.9	S4.1	C1.2	0.0	C1.4	B0.5	18.9
-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
0.3	2.1	1.4	71	6.2	0	0	80	1.7	1.3	0.7	0.7	H1.9	1.0	P0.9	S1.3	3.6	1.8	0.1	1.1	S3.7	C0.7	L0.5	C0.9	B1.0	19.2
0.3	1.8	1.4	72	7.2	1	1	80	0.9	-1.1	-0.2	0.1	H2.7	-0.4	0.0	S0.3	1.5	0.2	0.0	1.3	S1.6	C1.1	L0.2	C1.2	B0.9	14.0
-2.9	-2.8	3.1	66	3.4	0	0	76	0.0	-1.0	-0.7	-1.2	H1.4	-0.1	P1.0	S0.2	0.7	0.3	-0.9	-0.5	S0.9	W0.4	S0.5	W0.4	B0.3	11.3
1.7	1.7	2.0	71	4.8	0	0	80	1.5	0.3	-0.5	0.3	H1.8	0.1	P0.8	S1.2	3.6	1.5	-0.6	1.1	S3.7	C1.4	L0.4	C1.3	B1.4	16.9
-0.9	-0.2	0.7	69	6.2	0	0	78	1.1	0.3	-0.2	0.1	H2.9	0.4	P0.5	S1.1	2.4	0.5	-0.6	-0.1	S3.2	C0.3	S0.5	0.0	B0.5	17.5
-2.5	-2.2	0.5	73	7.1	0	0	81	1.5	1.3	2.0	0.1	H3.2	2.4	P1.3	S1.5	3.3	1.0	0.4	0.6	S3.2	C0.7	L0.4	C0.1	B0.7	20.3
-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
-2.2	-2.5	-1.4	70	6.2	0	0	77	2.1	2.0	0.7	1.4	H1.9	1.2	P0.8	S1.5	3.2	1.5	0.5	1.1	S3.9	C1.1	S0.7	C1.8	B0.5	18.3
-1.2	-0.3	0.1	68	4.9	0	0	77	0.9	1.1	0.3	-1.0	H2.6	0.8	P1.4	S1.4	3.0	0.4	-1.0	0.0	S4.3	W0.2	S0.4	W0.1	B0.4	15.4
-2.7	-2.1	-3.5	67	4.9	0	0	77	1.9	0.4	0.7	1.4	H2.3	1.5	P0.9	S0.8	3.0	1.5	1.5	1.2	S1.9	C2.4	L0.9	C2.3	B1.2	20.2
-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
-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