

December 2016 Top 300 CPI Cows			*Those with genomic data are noted on the far right*														
Rnk	Name	Owner	ST	Milk	%	Fat	%	Prot.	# lact.	DPR	PTAT	PL	NM\$	FS	MS	FL	CPI
1	LANG HAVEN ALSTAR NAENAE-ET	LANGREHR JENNA	WI	958	0.03	48	0.01	32	2	0.3	1.5	1.4	337	86	86	88	129
2	TWIN VALLEY COPPER ZARD	SPOKE JOSEPH J	WI	764	0.09	50	0.04	32	2	-0.4	0.7	3.5	416	84	83	82	117
	WHIRLWIND ACRES B SPRUCE SAP	FRITSCH E ARLON E	MN	1351	-0.18	26	-0.01	42	2	3.2	-0.3	3.3	386	86	87	84	117
	LANG HAVEN PRADA NATALIA-ET	LANGREHR JENNA	WI	596	0.05	36	0.01	22	2	-0.3	2.3	1.4	262	90	90	88	117
5	GOLDEN J TOBY GIZMO	O CONNELL MORGHAN	WI	136	0.11	26	0.08	18	1	0.2	1.7	4.6	365	85	83	85	114
6	COULEE CREST ALYMO LAURA-ET	HENISEE DAVID T	PA	629	0.08	42	0.01	22	1	0.0	1.6	2.3	332	83	82	86	113
7	SANDY KNOLL GRUMPY BIBI	BEUNA VISTA GUERNSEYS	OH	741	0.06	44	0.02	27	2	0.8	0.4	4.1	437	85	83	85	112
8	COULEE CREST COPPER LEENAH-ET	COULEE CREST LLC	WI	259	0.23	52	0.04	16	2	-0.2	1.8	3.5	374	84	86	83	110 G
	R LOST CREEK AARON NOEL	SCHLEGEL KEVIN R	PA	225	0.21	47	0.05	16	4	-0.9	1.5	5.4	427	90	90	90	110
	ROZELYN AARON VILLA	ROZELYN FARM	WA	181	0.19	41	0.07	18	4	0.0	1.4	3.3	360	92	92	91	110 G
11	COULEE CREST ALTON LANE-ET	COULEE CREST LLC	WI	884	-0.01	37	-0.01	27	2	-1.0	2.0	0.7	242	86	86	84	109 G
12	RIPLEY FARMS DL C TILLIE	RIPLEY KYLE	NY	615	0.05	37	-0.02	16	1	-0.8	2.4	3.6	342	86	87	87	106 G
13	LANG HAVEN ALSTAR NAE-ET	RIPLEY DANIEL E	NY	588	0.02	30	-0.01	18	3	1.4	1.4	4.2	337	86	86	85	105 G
	RIPLEY FARMS ASLAND TURQUOISE	RIPLEY ESTHER	NY	166	0.24	49	0.10	23	2	0.8	1.6	3.4	401	90	90	88	105
15	COULEE CREST AP LEXUS-ET	KNAPP AUSTIN & LANDEN	IA	919	-0.06	31	-0.01	29	1	-1.5	1.5	1.2	261	89	91	87	104
16	JENS GOLD AARON COOPER	JENS GOLD FARMS,LLP	WI	-167	0.23	32	0.08	8	5	0.4	1.2	5.8	384	87	90	85	103 G
17	JENS GOLD COPPER AGATE	JENS GOLD FARMS,LLP	WI	450	0.12	42	0.04	22	1	-0.4	1.6	3.3	373	82	85	78	102
	LANG HAVEN PRADA NUGGET-ET	LANGREHR DON & KATHY	WI	333	0.07	28	0.03	16	3	-0.2	1.7	0.9	198	88	85	90	102
19	COULEE CREST FAME LEELAH-ET	COULEE CREST LLC	WI	618	0.06	38	0.04	28	1	-3.3	2.4	-1.1	141	87	90	84	101 G
	GOLDEN I SUNRISE LEORA	IDLE GOLD ASSOCIATES	IA	601	0.12	49	0.05	28	4	-0.3	0.8	3.0	366	90	90	87	101
21	PARADISE ACRES ALSTAR DANCY	PIFER ANDREW	PA	1292	-0.08	43	-0.07	30	4	0.2	0.6	3.2	394	87	87	80	100
22	DAIRYMAN GEO JUST	HOARDS DAIRYMAN FARM	WI	785	0.00	36	-0.02	22	3	-0.6	0.9	4.7	401	82	79	85	99 G
	COULEE CREST FAME LEEZA-ET	COULEE CREST LLC	WI	658	-0.02	25	0.02	25	1	-1.6	2.0	1.3	215	84	84	87	99 G
	COULEE CREST AP LEXI-ET	JENSEN JADE MARIE	WI	1193	-0.09	36	-0.03	33	1	-2.2	1.3	0.4	256	88	90	88	99
25	SMITHFIELD GEO PENNY	COON CAITLYN	NY	532	0.16	52	0.00	17	2	-1.0	1.5	0.9	271	88	88	88	98 G
	GRVALLEY GEM ALTONS RIP	GREWE BRANDON	WI	1254	-0.14	30	-0.05	31	1	-0.3	1.1	0.6	224	91	91	90	98
	TROTACRE INDIAN ALTANIC HONEY-ET	TROTTER CARA M	PA	1005	-0.02	41	-0.01	31	3	-1.8	2.3	-2.7	99	92	90	91	98 G
	HICKMAN VALLEYS SID PEANUT	HICKMAN MAKAYLA E	TN	1070	-0.03	42	0.01	36	2	0.0	0.7	-1.8	243	92	93	92	98
29	MARODORE NOVAK MARY	MARODORE FARM	OH	933	0.02	46	0.01	32	1	-0.2	1.0	0.6	303	87	88	86	97 G
	RIPLEY FARMS LON C TEVELYN-ET	RIPLEY KYLE	NY	454	0.14	46	0.00	14	1	0.0	2.0	0.0	213	88	90	87	97
31	THURSTON FARM GARY RUBY	RIPLEY DANIEL E	NY	1354	-0.10	42	-0.03	38	1	-0.8	-0.5	2.1	328	81	82	82	94
	SPRING WALK ALSTAR 967	SPRING WALK FARM	OH	691	0.03	36	0.00	22	1	0.2	0.3	2.7	317	84	83	86	94
	ABIQUA ACRES ALSTAR JACEY	MANN ALAN & BARBARA	OR	904	-0.06	29	0.02	33	3	0.0	0.7	1.4	280	87	82	78	94 G
34	COULEE CREST AP LOLIPOP-ET	COULEE CREST LLC	WI	549	0.10	42	0.03	24	1	-0.9	1.2	1.5	287	84	85	82	93 G
	GRPECKMANS DOUBLE L EVASION	PECKMAN HOMESTEAD FARM II	PA	981	-0.10	26	-0.05	23	3	-0.1	0.6	4.0	353	86	86	86	93
	MAR SHIRL AARON HESTER	KINSINGER RICHARD L	MD	1326	-0.13	34	-0.06	32	2	-1.6	0.2	1.3	288	88	90	86	93
37	LANG HAVEN DAWSON NATALINA	LANGREHR JENNA	WI	272	0.12	34	0.02	12	1	0.0	1.7	3.2	298	83	83	87	92
	GRBLACKWATER AARON CHER	BRUBAKER E CLINE	VA	355	0.11	36	0.03	16	5	0.4	0.6	2.6	324	84	85	81	92
	GOLDEN J MINT HAZEL	JENSEN TRENT & LEANN	WI	230	0.06	20	0.03	12	1	1.2	1.2	4.9	336	84	84	83	92
	SOUTH LANE KING JAMES AVEEON	SOUTH LANE FARM	IA	1026	-0.10	28	-0.04	27	2	0.0	0.1	5.0	364	87	90	86	92
41	GOLDEN J LAREDO GISELLE	JENSEN TRENT & LEANN	WI	834	0.01	40	0.00	28	2	-0.6	1.1	1.3	281	82	85	80	91
	COULEE CREST AP LAKELYN-ET	COULEE CREST LLC	WI	1057	-0.02	43	0.00	34	1	-2.6	0.9	-0.4	245	83	81	85	91
	ROLLING PRAIRIE RAMBLE	WALTHER JORDAN	IA	1408	-0.15	34	-0.07	32	2	-1.6	1.8	-0.2	180	84	82	84	91
	R LOST CREEK PABLO NAKITA	SCHLEGEL KEVIN R	PA	149	0.20	42	0.07	18	2	-1.2	0.9	4.8	382	85	86	82	91
	SPRINGHILL DOUBLE JAZMIN-ET	SPRINGHILL	OH	190	0.17	39	0.01	8	3	-0.2	2.3	1.9	264	91	91	90	91 G
46	ABIQUA ACRES ALSTAR SUMMER	MANN ALAN	OR	383	0.05	26	-0.05	4	3	1.8	-0.1	10.2	487	82	81	81	90
	COULEE CREST AP LILITH	ROCKY HILL FARM	PA	910	-0.04	33	-0.04	22	1	-1.5	1.7	0.8	222	87	87	85	90
	JENS GOLD B SPRUCE CHICK	JENS GOLD FARMS,LLP	WI	167	0.14	32	0.00	6	3	1.4	2.2	4.4	342	88	90	88	90
	WILLOW BROOK TITANIC LUCY	AIKEN MATTHEW P	PA	1115	-0.04	43	-0.05	27	3	0.3	1.0	0.1	249	93	93	88	90
50	GOLDEN J GEORGE HEAVENLY	JENSEN TRENT & LEANN	WI	837	-0.02	33	-0.07	14	3	1.0	0.8	4.5	322	80	68	77	89
	TERPHILL NISSAN CANDACE	TERPSTRA RICHARD	WI	1108	-0.08	34	0.01	38	3	-0.6	0.0	0.4	256	87	86	85	89
	GRRIPLEY FARMS RUDY NIKKI	AXTELL BEN	NY	678	-0.02	26	-0.03	17	2	-1.6	2.3	-0.7	113	91	91	90	89
	TROTACRE INDIAN AP HADLEY-ET	TROTTER CARA M	PA	962	-0.08	28	0.00	31	2	-1.0	1.2	-0.5	177	91	90	85	89 G

54	ABQUA ACRES ICEBERG JACKY	MANN ALAN & BARBARA	OR	737	0.00	33	0.03	29	2	1.3	0.0	-0.2	208	81	81	81	88
	FRIENDLY MANOR SUNRAY LIL REA	FRENTZ JAMES A	NY	1392	-0.28	10	-0.05	36	3	1.8	-0.8	1.0	231	83	83	82	88
	GOLDEN J WINSLOW PUMPKERS	JENSEN TRENT & LEANN	WI	714	-0.13	9	-0.04	16	1	0.4	1.6	4.5	282	85	85	85	88
	KILCHONA GARY TRULEEN	SICHLEY DARLEEN	OR	1506	-0.23	23	-0.06	38	1	0.0	0.7	2.3	290	85	85	86	88
58	DAIRYMAN V I P 2512 JAZZER	HOARDS DAIRYMAN FARM	WI	125	0.09	22	0.08	19	1	2.7	0.5	3.9	343	84	83	85	87
	ROLLING PRAIRIE ALSTAR REAGAN	WALTHER JORDAN	IA	1043	-0.12	24	-0.06	23	1	-0.4	1.2	2.4	250	85	85	83	87
	JENS GOLD LAREDO ARIANA	JENS GOLD FARMS,LLP	WI	378	0.07	30	0.01	14	2	-0.5	1.0	3.0	298	86	87	84	87
	SMITHFIELD CHALLENGE LENA-ET	COON CAITLYN	NY	362	0.11	35	0.04	19	4	-1.0	1.3	4.3	351	87	86	82	87 G
	CHUPPS HILLPOINT PIE MARIAH-ET	ADAMS CREEK & BASSE DANIEL	WI	256	-0.05	2	-0.01	6	3	0.8	2.0	4.2	227	92	93	90	87
63	BREEZY POINT NINJA ALEF-TW	LASKA NATHAN	MN	768	-0.03	28	0.03	30	1	-1.5	1.1	0.7	207	83	82	81	86
	CLOVERDALE NOVAK PRALINE	WALKER THOMAS E	PA	409	0.02	22	0.03	18	2	2.5	0.6	3.9	298	84	86	82	86
	COULEE CREST CRUNCH LORENZA-ET	COULEE CREST LLC	WI	738	0.06	44	-0.01	23	1	-1.9	1.4	0.2	238	85	85	84	86 G
66	DAIRYMAN LAKODA 2377 CARLOTA	HOARDS DAIRYMAN FARM	WI	206	0.12	31	0.04	13	1	0.5	2.0	0.9	227	84	83	88	85 G
	BREEZY POINT A OAKLAND	LASKA RICHARD K & FAMILY	MN	322	0.14	39	0.07	22	1	-1.5	0.9	1.1	254	86	86	84	85
	SPRING WALK ROZELYN A SHIRLEY-ET	ROZELYN FARM	WA	517	0.12	44	0.02	20	3	-2.3	1.2	0.5	243	90	88	92	85
69	SMITHFIELD DOUBLE L MOO DA	COON BROTHERS FARM, LLC	NY	-105	0.23	35	0.04	3	1	1.6	0.7	5.0	359	82	81	83	84
	GOLDEN J YOGIBEAR FUZET	JENSEN JORDAN	WI	130	0.11	25	0.03	10	5	1.5	1.9	2.6	260	91	90	88	84 G
71	DAIRYMAN A ROD 2486 SHAE	HOARDS DAIRYMAN FARM	WI	416	0.01	20	-0.01	11	1	2.7	0.6	5.6	364	81	81	78	83
	SMITHFIELD YOGIBEAR GEM	COON BROTHERS FARM, LLC	NY	334	0.08	30	0.00	11	2	-0.3	2.0	1.7	189	86	86	86	83 G
	MARODORE LAREDO POLLY-ET	HOARDS DAIRYMAN FARM	WI	1217	0.00	54	-0.08	25	1	-1.5	1.2	0.2	247	86	88	85	83 G
	OAK KNOB ALSTAR WACKY	CHURCH CRAIG J	IA	451	0.12	42	0.01	17	5	0.4	1.4	0.3	213	87	86	87	83
	BALSAM GROVE ZING	OVERLAND ALAN S	MN	388	0.03	22	-0.06	3	3	0.7	1.2	5.8	355	87	90	83	83
	ROZELYN LESTER SUPREME	ZWEEGMAN GREGORY D	WA	228	0.20	46	0.03	12	5	0.1	1.7	2.8	281	88	87	91	83
	GRROLLING PRAIRIE K LAVENDER	ROLLING PRAIRIE FARMS INC	IA	469	-0.01	20	0.01	17	3	1.0	0.9	4.8	334	88	90	86	83
78	BAY MEADOW O SLAMIN SAMMI	BAY MEADOW FARMS	CA	407	0.05	28	0.08	28	4	0.0	0.2	-0.5	169	81	77	85	82
	BOEHLES LEVI LOLLIPOP	SACK NANCY BOEHLE	KS	438	0.01	22	-0.03	8	3	0.6	1.0	3.6	275	81	80	85	82
	JENS GOLD AARON CINNAMON-ET	JENS GOLD FARMS,LLP	WI	233	0.12	32	-0.03	2	4	-1.0	2.1	3.7	290	86	86	80	82
	GOLDEN J DOUBLE L BUTTERLOVE	JENSEN CHELSEY	WI	339	0.09	31	0.00	11	2	1.3	1.4	4.6	349	87	90	82	82
	GOLDEN J LAKODA IMPALA	KLUGOW KIRSTEN JENSEN	WI	797	-0.01	33	0.00	26	1	-1.0	1.6	-0.8	166	88	88	88	82
	DAIRYMAN SPIDER ROSEOIL	HOARDS DAIRYMAN FARM	WI	373	0.10	34	0.05	21	5	1.8	1.2	2.5	307	90	90	87	82 G
84	BLACKWATER GARY TESS	BRUBAKER E CLINE	VA	848	0.01	40	0.00	28	1	-0.2	0.6	0.6	241	80	79	82	81
	RIPLEY FARMS LON C TELIZA-ET	RIPLEY KYLE	NY	25	0.17	30	0.02	4	1	1.2	1.2	2.0	231	81	81	81	81
	GOLDEN J FAME HOTTIE-ET	JENSEN TRENT & LEANN	WI	58	-0.03	-2	0.00	2	2	1.6	2.1	5.5	218	84	84	85	81
	HICKMAN VALLEYS NATHAN SNOOP	HICKMAN MAKAYLA E	TN	1045	-0.18	14	-0.03	28	5	1.0	0.4	2.7	298	90	90	91	81
	JENS GOLD GRUMPY COCOA	JENS GOLD FARMS,LLP	WI	-8	0.10	17	0.04	6	5	1.4	0.9	5.4	339	90	90	90	81
	RIPLEY FARMS RLTY C RENEE-ET	RIPLEY DANIEL E	NY	498	-0.01	21	-0.01	15	5	-0.2	1.7	2.7	214	91	90	93	81 G
	WALNUT CORNER VALIANT SAM KRIS	LINDSEY RAY M & KAY	OH	560	-0.16	-4	-0.03	12	5	2.7	1.1	4.9	258	92	90	91	81
91	DAIRYMAN DAZZLER 1889	HOARDS DAIRYMAN FARM	WI	701	-0.04	24	0.01	24	3	0.4	0.4	1.0	233	82	82	76	80
	TWIN VALLEY COPPER BRISTOL	SPOKE JOSEPH J	WI	115	0.05	14	0.01	5	2	2.6	0.9	6.4	355	82	81	82	80
	RITAWA AARON NORISA	WAMPLER RICHARD T	VA	361	0.11	35	-0.01	10	4	-0.2	1.0	3.6	312	83	84	76	80
	JENS GOLD AARON BREEZY CHEERS	JENS GOLD FARMS,LLP	WI	140	0.15	32	0.02	8	3	-0.4	1.6	3.3	270	85	84	85	80
	NELLS GLOW AARON KARA	SPRINGHILL	OH	415	0.07	32	-0.02	10	4	-0.7	0.7	1.9	221	87	86	84	80
	INDIAN ACRES N PAISLEY PIE-ET	SEARS ASHLEY ELISE	MA	700	0.01	34	0.02	26	1	-1.6	1.6	0.4	180	88	88	85	80
	LANG HAVEN PRADA KID ME NOT	LANGREHR KIRSTIE	WI	168	0.05	17	0.00	5	2	-0.9	1.8	2.2	173	90	91	83	80
98	DAIRYMAN LAREDO FALLON 2213	HOARDS DAIRYMAN FARM	WI	254	0.11	31	0.05	18	2	-0.3	1.1	2.0	245	81	82	78	79
	JENS GOLD MINT AUSTINE	JENS GOLD FARMS,LLP	WI	189	0.12	30	0.08	21	4	0.3	0.9	3.6	337	83	83	80	79 G
	JENS GOLD WALT HYACINTH	JENS GOLD FARMS,LLP	WI	924	-0.16	12	-0.06	19	2	1.4	-0.6	4.0	305	84	85	83	79
	KHAGEMAN AARON LAKIESHA	HAGEMAN KARLA	IA	988	0.00	44	-0.05	24	2	-0.4	0.2	-1.0	208	84	84	83	79
	HERSHYS ANABELL LEORA	MUSSER BETSY	PA	372	0.07	29	0.00	12	3	0.8	0.8	5.9	403	85	80	85	79 G
	RIPLEY FARMS YB C TORI-ET	GRANT KATELYN	NY	457	0.05	30	-0.01	13	1	-1.1	2.5	0.8	169	86	87	86	79 G
	DAIRYMAN ALSTAR ROWANNIE	HOARDS DAIRYMAN FARM	WI	426	0.08	33	0.03	20	5	-2.1	1.4	0.3	167	88	87	85	79 G
	COULEE CREST FAME TAYLOR-ET	COULEE CREST LLC	WI	422	-0.05	10	0.03	20	1	-3.5	2.5	-0.3	79	90	91	88	79
106	COULEE CREST GARY LUNAR-ET	COULEE CREST LLC	WI	1483	-0.11	46	-0.10	30	2	-1.5	1.0	-0.9	185	84	84	83	78 G
	COULEE CREST PRADA LATIFAH-ET	COULEE CREST LLC	WI	807	-0.05	27	-0.08	11	1	-1.2	1.3	1.6	192	84	81	85	78
	COULEE CREST AP LORELLE-ET	COULEE CREST LLC	WI	1178	-0.11	32	-0.04	31	2	-1.1	0.5	-0.7	152	85	77	88	78 G

	MARODORE FAME PRINCESS-ET	CHUPP JUSTIN & DANIEL	OK	414	0.01	21	-0.01	12	1	-1.1	2.1	0.4	123	86	86	88	78 G
	INDIAN ACRES SDA PRECIOUS PIE	SEARS ASHLEY ELISE	MA	460	0.12	42	0.02	18	3	-1.4	1.1	-0.1	135	90	84	91	78
	LANTZ FARM PREPPY INDY	RUSHING MELINDA S	OK	895	-0.04	32	-0.03	24	3	0.4	-0.6	2.4	330	92	92	90	78
112	DAIRYMAN GRUMPY 2280 LOCO	HOARDS DAIRYMAN FARM	WI	-38	0.14	22	0.04	6	2	0.7	0.9	4.8	334	80	82	83	77
	COULEE CREST LAKODA TYRA	COULEE CREST LLC	WI	823	-0.02	33	0.00	26	1	-2.2	1.7	-1.0	160	82	82	83	77
	DAIRYMAN MINT 2477 CAYENNE	HOARDS DAIRYMAN FARM	WI	336	0.03	20	0.06	22	1	0.2	1.0	1.1	228	83	84	79	77
	DONNYBROOK NOVAK JALUPA	DONNYBROOK FARM	WI	610	0.07	40	0.05	28	2	-0.9	0.5	0.3	233	85	83	85	77
	FOUR J PRADA JAYLIE-ET	JENSEN JADE & JARICA	MO	703	-0.10	14	-0.01	22	2	-1.8	1.9	0.8	158	87	86	90	77
	VALE VIEW JUDGEMENT DAY OF TNC	SPRINGHILL	OH	159	0.18	39	0.03	11	4	1.1	1.2	3.3	327	89	87	88	77
	BLA ARL AARONS POPCORN	CROSSER BLAINE A	OH	55	0.07	14	-0.01	0	4	1.0	1.4	5.6	284	90	91	90	77 G
	SMITHFIELD YOGIBEAR DEB	COON BROTHERS FARM, LLC	NY	-390	0.15	8	0.07	-1	3	0.7	2.6	5.9	266	90	90	88	77
120	COULEE CREST LAREDO LALITA-ET	COULEE CREST LLC	WI	625	0.10	46	0.00	20	2	0.1	0.4	-0.1	236	82	80	78	76 G
	MAUNESHA CREEKS JACKPOT PIA	SCHMITT MENA E	WI	42	0.15	28	0.07	14	4	-0.2	0.6	2.2	250	83	85	78	76
	ROZELYN ALSTAR VIOLA	ROZELYN FARM	WA	296	0.02	17	0.00	10	1	1.0	1.0	4.3	278	84	84	82	76
	COULEE CREST CRUNCH LORNA-ET	COULEE CREST LLC	WI	706	0.06	42	-0.05	14	1	-1.8	1.3	0.9	228	85	86	83	76
	TROTACRE YB HOPEY-ET	STOLTZFUS KOLBY	PA	151	0.08	21	0.06	16	1	1.0	1.6	2.0	223	85	87	80	76
	SOFAR AARON MISS APRIL	FARLEY TONY & STACEY	WI	-86	0.22	34	0.06	7	4	0.9	0.9	2.2	253	87	86	87	76 G
	DAIRYMAN DOUBLE L HEARTY	HOARDS DAIRYMAN FARM	WI	498	0.05	31	0.01	18	3	-0.6	1.2	1.2	212	87	87	88	76 G
	SMITHFIELD MARKSMAN MOOO LA	COON BROTHERS FARM, LLC	NY	-198	0.23	30	0.07	6	3	1.9	0.0	3.9	296	88	88	85	76
	TROTACRE LONE STAR JACKI	TROTTER CARA M	PA	342	0.06	26	0.04	18	2	-0.7	1.2	1.1	189	88	90	87	76
	SNIDERS A PIE ALMOST	GABLE KENDY BETH	PA	-389	0.07	-6	0.06	-3	5	1.2	0.8	8.0	316	91	91	88	76 G
130	SANDY KNOLL SPIDER WILMA	KUKOWSKI ROGER	WI	-105	0.28	44	0.13	20	4	0.9	1.2	0.0	223	80	77	84	75
	HOMESTEAD NOVAK MADISON	MARSH HOMESTEAD INC	OR	432	0.10	37	0.02	17	2	-0.3	0.8	2.9	295	80	82	78	75
	RANKIN FARMS CORDELL O ADELE	RANKIN LAURA	IL	429	0.16	48	0.03	20	2	0.2	-0.1	2.6	316	80	78	85	75
	BALSAM GROVE LL BECKA	OVERLAND ALAN S	MN	294	0.05	22	-0.03	5	1	0.8	1.0	5.3	337	82	81	85	75
	SUNSET VIEW AARON GEORGIA	WOOD ALTON & EILEEN	MN	277	0.22	52	0.04	15	3	-1.9	0.8	0.1	199	88	83	85	75
	WILLOW BROOK AXCEL SUNRISE	AIKEN MATTHEW P	PA	504	-0.04	16	0.02	20	5	1.4	0.6	0.9	197	90	90	87	75
	DAIRYMAN CORDELL PHANNY	HOARDS DAIRYMAN FARM	WI	-195	0.23	31	0.10	11	2	0.4	1.6	1.8	236	90	90	90	75 G
137	SMITHFIELD LAKODA SUZETTE	COON BROTHERS FARM, LLC	NY	614	0.04	34	0.02	24	1	-0.8	1.5	-0.4	193	80	77	78	74
	GRIDLE GOLD KVALLEY FABIO FIRE	KIME ROBIN & JUSTIN & RAEGAI	IA	782	-0.09	18	-0.02	22	1	1.8	0.5	1.4	208	81	80	83	74
	COULEE CREST PRADA LANELLE-ET	COULEE CREST LLC	WI	516	0.02	26	-0.02	14	1	-1.6	1.0	1.2	192	82	82	85	74
	RIPLEY FARMS AP CONI GALA-ET	RIPLEY DAN & SHARI	NY	966	-0.13	20	-0.04	25	2	-1.0	0.8	0.0	118	83	85	82	74 G
	VALLEY GEM ANNSON ROSE	VALLEY GEM FARMS	WI	791	-0.15	8	-0.02	23	2	0.0	0.0	4.8	301	85	86	82	74
	GRDAIRYMAN BIGBOY 2544 CATBIRD	HOARDS DAIRYMAN FARM	WI	818	-0.20	0	0.00	26	1	1.5	0.9	2.3	231	86	87	85	74
	ROLLING PRAIRIE COPPER AVERY	ROLLING PRAIRIE FARMS INC	IA	307	0.07	26	0.02	13	2	0.4	1.2	3.5	283	87	86	85	74
	DEN BE C LONESTAR DECIMAL	MUSSER CASSANDRA M	PA	260	0.13	34	0.06	20	3	0.0	1.6	-1.1	140	89	88	90	74
	MARODORE AARONS ETHEL	MARODORE FARM	OH	688	-0.04	24	-0.04	16	4	-0.4	1.6	0.4	185	91	90	90	74 G
146	HOMESTEAD N PERSEPHONE	MARSH HOMESTEAD INC	OR	838	-0.05	28	-0.01	26	2	-0.2	0.3	4.2	338	80	78	80	73
	COULEE CREST AP LOVEABLE-ET	COULEE CREST LLC	WI	524	0.01	25	0.02	20	1	-1.4	0.8	1.1	216	80	82	80	73 G
	LANG HAVEN ALSTAR NALA	LANGREHR KIRSTIE	WI	665	0.01	31	-0.01	20	2	-0.6	0.8	1.3	204	88	90	87	73 G
	GRCIRCLE H ALSTAR HIPPEE	HIMEBAUGH CHRIS	MN	712	-0.07	20	-0.04	16	0	1.9	0.6	1.8	213	90	88	90	73
150	ABIQUA ACRES LAREDO JENEVA	MANN ALAN	OR	606	0.03	33	-0.03	14	1	0.2	0.1	1.6	238	80	79	78	72
	NELLS GLOW AARON KAYLA	MADSEN LINDA LEE	CA	190	0.08	23	0.01	8	2	0.9	-0.2	4.0	275	85	86	85	72
	OAK KNOB ALSTAR FENNEL	OAK KNOB GUERNSEYS	IA	693	-0.07	19	-0.08	7	1	2.1	0.9	4.4	260	86	86	88	72
	BALSAM GROVE ZENITH	OVERLAND ALAN S	MN	-281	0.13	10	0.01	-7	3	3.0	1.0	5.8	313	88	90	88	72
	IDLE GOLD PDL ANNDI	HOARDS DAIRYMAN FARM	WI	-68	0.13	20	0.00	-3	5	3.5	0.0	8.2	425	90	90	87	72 G
	ABIQUA ACRES MARKSMAN SPLAT	MANN ALAN	OR	-213	0.12	10	0.08	7	2	3.0	0.6	5.7	314	90	90	87	72
	DIX LEE KOJACK FAWN	YERINA WHITNEY LEE	MO	-216	0.21	26	0.08	6	3	-0.2	1.7	1.7	205	93	93	90	72 G
157	DAIRYMAN ALSTAR 2118	HOARDS DAIRYMAN FARM	WI	597	-0.02	23	0.00	19	2	1.7	0.3	4.2	305	81	83	78	71
	JENS GOLD GARY CINESE-ET	JENS GOLD FARMS,LLP	WI	480	0.05	30	-0.01	13	1	0.1	1.4	2.3	233	82	83	80	71
	SPRINGHILL LAREDO JOSLIN-ET	SPRINGHILL	OH	401	0.13	42	0.01	14	2	-0.3	0.9	1.0	241	83	81	82	71
	COULEE CREST AARON TIFFANY	COULEE CREST LLC	WI	360	0.12	37	0.00	11	2	-2.0	1.9	0.3	196	87	86	86	71
	SPRINGHILL BLUE JULIET-ET	SPRINGHILL	OH	80	0.05	12	0.01	4	2	0.4	1.9	0.9	129	88	90	88	71
	SMITHFIELD AARON FELICITY	COON BROTHERS FARM, LLC	NY	-218	0.31	43	0.06	3	4	0.9	1.4	3.4	314	88	87	87	71 G
	DIX LEE KOJACK BUTTERCUP	DIXON KATIE MARIE	MO	172	0.07	20	0.06	17	2	-0.8	2.2	0.6	174	91	90	91	71 G

	WARWICK MANOR GRUMPY ALIYAH-ET	STOLTZFUS KEVIN & DINA & RIL PA	-200	0.11	10	0.01	-4	2	0.6	2.2	4.3	217	92	93	91	71
165	KNAPPS LEVI CONI JAKLYN	KIRK AMBER PA	342	-0.04	9	-0.02	8	1	0.6	1.0	3.9	233	80	82	78	70
	JENS GOLD ALSTAR OLIMAI	CHAMBERLAIN MARTINA WI	460	0.01	22	-0.03	10	2	-0.1	0.7	4.1	271	82	85	80	70
	TOMAHAWK CLAIM ROYAL CARMEN	POOLE JACOB C PA	897	-0.13	16	0.01	32	1	0.4	0.3	1.1	222	82	83	81	70
	RITAWA NOVAK HOLLY	WAMPLER RICHARD T VA	526	0.00	24	0.02	20	2	0.4	0.1	4.3	321	82	82	78	70
	BLACKWATER NOVAK SHANIA	BRUBAKER E CLINE VA	874	-0.07	26	-0.06	17	2	-0.2	1.1	0.6	163	82	82	75	70
	GOLDEN J NINJA JACKIE	KLUGOW KOOPER WI	731	-0.06	21	0.01	26	2	0.0	0.7	0.8	184	84	84	83	70
	DAIRYMAN MINT ROSILIND	HOARDS DAIRYMAN FARM WI	229	0.11	29	0.07	19	4	0.3	0.7	2.5	283	85	82	84	70
	SPRINGHILL LAREDO JAZLYNN-ET	SPRINGHILL OH	333	0.07	28	0.01	12	1	-0.1	1.3	2.1	239	86	87	84	70
	RIPLEY FARMS YB C TAFFY-ET	RIPLEY DANIEL E NY	731	-0.09	16	-0.02	20	1	-0.3	1.8	-1.1	63	87	87	87	70 G
	BLACKWATER AARON JILL	BRUBAKER E CLINE VA	7	0.25	44	0.07	12	3	-0.4	1.6	0.3	222	87	86	80	70
	FARIA FARMS CRUNCH GESSIE	FARIA FRANK & PATTI CA	365	0.05	25	-0.01	9	3	-0.9	1.2	3.1	245	90	90	88	70
176	VALLEY VEUE NOVAK BELL	STAEHELYS VALLEY VEUE DAIROR	529	0.03	29	-0.02	14	2	-0.2	0.8	2.8	250	81	82	81	69
	WILLOW BROOK SPIDER STORM	AIKEN MATTHEW P PA	323	0.05	23	0.05	20	1	1.3	0.6	0.0	162	81	80	85	69
	COULEE CREST GRUMPY LEONA-ET	COULEE CREST LLC WI	544	0.05	34	-0.03	13	2	0.6	0.5	1.5	243	82	81	83	69 G
	DAIRYMAN PYTHON RUE 2209	HOARDS DAIRYMAN FARM WI	-129	0.14	18	0.03	0	2	0.7	1.6	3.0	224	83	83	86	69
	DAIRYMAN GEO 2442 RUDELLE	HOARDS DAIRYMAN FARM WI	104	0.07	17	0.02	7	1	0.0	0.8	4.8	283	83	85	81	69
	JENSGOLDEN DOUBLE L ONALYN	KLUGOW KIRSTEN JENSEN WI	221	0.09	25	0.00	7	4	1.3	0.7	4.8	335	83	82	82	69
	JENS GOLD PHONZE HELTER	JENS GOLD FARMS,LLP WI	463	0.04	28	0.08	30	3	-1.4	0.4	-0.2	194	83	83	78	69
	COULEE CREST LAREDO LACOLE-ET	BAKER VICTORIA L & MICHAEL S PA	847	0.02	42	-0.04	20	1	-0.6	0.6	-0.6	191	83	82	80	69
	LOYAL ACRES GRUMPY HESTHER	MCKITTRICK LA VON WI	-12	0.11	18	0.03	6	1	0.4	0.9	2.2	206	83	85	83	69
	JENS GOLD GEO CHEESECAKE-ET	JENS GOLD FARMS,LLP WI	133	0.14	30	0.01	6	2	-0.7	1.6	3.2	258	85	87	83	69
	ROLLANDIA KINGSTON CHEROKE	JENSEN NEIL & JANICE WI	236	0.11	30	0.02	12	2	1.4	0.3	3.9	291	85	84	85	69
	RIPLEY FARMS RIVERA CARLINE	GRANT KATELYN NY	742	0.09	50	0.00	24	2	-2.5	1.5	-3.1	106	87	87	84	69
	SOUTH BAY YOGI JANE	KEGLEY EARL D WA	-248	0.16	17	0.06	2	4	1.0	1.8	2.8	209	87	85	86	69
	DEN BE HAWK MACY	MUSSER BETSY PA	222	0.12	31	0.05	16	4	0.4	0.5	1.6	215	88	90	84	69 G
	MARODORE BOOMERS VALIUM	MARODORE FARM OH	92	0.12	26	0.03	9	2	-0.1	1.6	0.6	148	91	91	90	69 G
191	MILLBORNE FARIA YOGI REBECCA	MILLER P MOREY & FARIA FRANCT	758	-0.10	16	-0.03	20	2	0.6	0.2	3.0	238	81	73	80	68
	DAIRYMAN MINT 2508 FLIP FLOP	HOARDS DAIRYMAN FARM WI	-86	0.12	17	0.09	12	1	-0.2	1.8	1.7	192	83	85	81	68
	SPRINGHILL GRUMPY JUNO-ET	SPRINGHILL OH	141	0.05	14	0.00	5	1	0.5	1.1	3.4	242	83	87	82	68
	MARODORE LION KING AFLACK	MARODORE FARM OH	571	0.01	28	0.00	18	1	-0.4	0.2	2.7	259	83	84	79	68
	WHIRLWIND ACRES CRUNCH TATOR	FRITSCH E ARLON E MN	95	0.14	28	0.05	12	2	-1.6	0.9	2.3	253	84	85	81	68
	OUR HOMESTEAD SHAGGY GLITTER	DELAET PAUL L & ELAINE M & F,OH	7	0.20	36	0.10	18	1	-0.4	1.8	-0.7	154	84	85	82	68
	DAIRYMAN PHONZE 2448 ROWBOAT	HOARDS DAIRYMAN FARM WI	123	0.18	38	0.10	21	1	-2.3	1.4	-2.0	103	85	85	84	68 G
	GRRIPLEY FARMS CORDELL CAFE	RIPLEY DANIEL E NY	268	0.09	28	0.02	12	1	-0.5	1.1	2.6	232	85	86	82	68
	BEUNA VISTA ALSTAR MOLLY	JOHNSTON DOUGLAS L WA	741	-0.14	8	-0.06	14	2	-0.1	0.2	5.1	280	85	85	84	68
	COULEE CREST LAKODA CHARLOTTE	COULEE CREST LLC WI	861	-0.12	17	-0.04	21	1	-0.2	2.1	-0.6	85	85	82	85	68 G
	TAYL WIND JACKPOT HOPE	TAYLOR GLENN A & SHERYL NY	286	0.01	14	0.00	10	1	-1.0	1.8	1.0	126	87	86	85	68
	TROTACRE AP HUNTER-ET	MOORE MADISON & MASON & M TX	446	-0.04	12	0.00	15	2	0.2	1.5	1.4	159	87	88	82	68
	ROZELYN AP SUSAN	ZWEEGMAN GREGORY D WA	321	0.04	22	-0.03	6	2	0.2	1.6	3.6	229	88	88	88	68
	LANG HAVEN YOGI KIDDO	LANGREHR KIRSTIE WI	154	0.11	27	-0.01	4	4	-0.5	2.5	2.4	198	90	90	90	68 G
	ROZELYN SAMSON VIENNA	ROZELYN FARM WA	260	0.07	24	0.02	12	5	0.0	1.6	2.6	253	91	88	93	68
	VALLEY VEUE GRUMPY PETUINA	STAEHELYS VALLEY VEUE DAIROR	-56	0.13	21	0.02	2	3	-0.4	1.6	3.4	236	91	92	90	68
207	MARODORE L KING LAUREL	MARODORE FARM OH	211	0.09	26	0.02	10	1	-0.2	1.4	2.5	252	82	85	80	67
	RIPLEY FARMS DL C QUINETTE	RIPLEY DANIEL E NY	-121	0.19	28	0.01	-3	2	-0.1	1.0	3.4	251	83	88	82	67
	GRRIVERWOOD COPPER NETTIE	KEEFER FORREST J IN	862	-0.02	34	-0.05	19	1	-1.3	1.2	1.3	217	83	84	82	67
	RIPLEY FARMS NICK C THERESA-ET	COULEE CREST LLC WI	756	0.04	42	-0.01	22	1	-2.0	2.2	-2.6	98	84	84	88	67
	DAIRYMAN DOUBLE L LEGOS	HOARDS DAIRYMAN FARM WI	184	0.11	28	0.01	7	4	0.5	0.9	4.2	321	84	86	79	67 G
	JENS GOLD GRUMPY CINDER-ET	JENS GOLD FARMS,LLP WI	467	0.05	29	0.01	16	3	-0.6	1.3	2.9	283	85	85	84	67
	RIPLEY FARMS A CONI OLLIE-ET	RIPLEY DAN & SHARI NY	594	-0.03	21	-0.01	18	3	-0.3	2.1	-0.1	116	85	86	83	67
	COULEE CREST KINGSTON IRMA	COULEE CREST LLC WI	788	-0.01	33	-0.04	19	2	0.3	0.0	1.1	209	85	82	85	67 G
	COULEE CREST FAME LEEYA-ET	COULEE CREST LLC WI	383	0.06	28	0.02	16	1	-2.5	2.2	0.3	137	86	86	82	67 G
	ROLLING PRAIRIE STONE THURSDAY	ROLLING PRAIRIE FARMS INC IA	273	-0.03	7	0.02	13	4	2.0	1.1	2.4	214	91	91	88	67
217	GURN Z MEADOW TROP MOONSHADOW	ORCHARD JULIE WI	405	0.07	31	0.03	18	2	-0.3	0.6	0.6	198	82	82	78	66
	COULEE CREST CRUNCH LONNA-ET	COULEE CREST LLC WI	893	-0.01	39	-0.07	16	2	-1.8	1.1	0.9	225	82	82	85	66

	ROZELYN DAWSON VIVIAN	ROZELYN FARM	WA	2	0.14	24	0.02	3	1	0.5	0.5	5.9	344	82	83	81	66
	COZY NOOK P RHODA	COZY NOOK FARM	WI	-117	0.16	23	0.10	13	2	0.4	0.7	2.2	214	83	85	85	66
	COZY NOOK C PARMESAN	COZY NOOK FARM	WI	408	0.08	32	-0.02	10	1	0.4	0.5	1.3	225	83	84	83	66
	COULEE CREST PRADA LATANYA-ET	COULEE CREST LLC	WI	627	-0.10	10	-0.06	10	2	-0.3	1.6	1.5	139	84	81	78	66 G
	GRROARING BRK PHONZE CAMEMBERT	MEACHAM MARK & MARY ANN	MA	526	0.01	26	0.05	26	1	-1.4	0.5	0.1	178	84	85	84	66
	WHIRLWIND ACRES GEORGE EDEN-ET	FRITSCH E ARLON E	MN	264	0.11	31	0.03	14	1	0.0	1.2	1.6	221	85	86	88	66
	TROTACRE AP HERSHY-ET	TROTTER CARA M & JAMIE S	PA	502	-0.03	17	0.02	20	1	0.2	0.6	2.0	213	86	84	88	66
	DAIRYMAN ALYMO SUNLIT	HOARDS DAIRYMAN FARM	WI	227	0.07	22	0.00	8	5	1.6	0.8	3.7	275	86	85	86	66
	COULEE CREST YOGI CARISSA-ET	COULEE CREST LLC	WI	564	-0.06	15	-0.02	14	4	1.6	1.7	2.4	189	87	86	85	66 G
	WHIRLWIND ACRES B SPRUCE TREE	FRITSCH E ARLON E	MN	363	0.00	16	0.02	16	2	-0.4	1.5	-0.3	132	88	88	84	66
	MOZIERS CHALLENGE KIZZY	MOZIER DR JOHN O	KS	282	0.12	34	0.06	20	5	0.1	0.6	1.1	224	88	88	91	66
	SPRINGHILL LAREDO JUBILEE-ET	SPRINGHILL	OH	4	0.16	28	0.06	11	1	-1.9	1.8	0.5	151	88	87	90	66
	TERPHILL MENTOR MINER	TERPSTRA RICHARD	WI	84	-0.07	-8	0.01	5	4	0.7	1.5	3.0	122	92	92	91	66 G
232	GRWOODALE LOL C JAVA	ANDERSON DONNA	MN	1320	-0.17	28	-0.04	35	2	-1.8	-0.1	-3.5	38	83	78	85	65
	RIPLEY FARMS A CONI SAPHIRE-ET	RIPLEY DAN & SHARI	NY	638	-0.07	16	-0.04	14	1	-0.3	1.4	0.1	95	85	85	85	65
	GRROLLING PRAIRIE Y LAVERYLE	ROLLING PRAIRIE FARMS INC	IA	-39	0.03	3	0.02	2	3	1.4	1.5	5.5	277	87	91	81	65
	DAIRYMAN COPPER DAVEN	HOARDS DAIRYMAN FARM	WI	195	0.00	9	-0.02	2	3	0.8	1.9	6.7	307	87	87	84	65
	COULEE CREST JUDGMENT KATHY	COULEE CREST LLC	WI	365	-0.04	10	-0.01	11	4	-1.0	1.3	3.5	233	90	90	85	65 G
237	MARODORE AARONS LORENA	MARODORE FARM	OH	226	0.15	37	0.01	10	3	-0.6	0.7	2.4	246	80	82	78	64 G
	BLACKWATER GARY COFFEE	BRUBAKER E CLINE	VA	690	0.00	30	-0.01	20	2	-0.4	0.8	0.0	151	81	80	82	64
	LAVON FARMS CORDELL JANICE	MOORE MADISON & MASON	TX	144	0.11	25	0.06	15	2	0.6	0.3	2.6	254	83	84	81	64
	DAIRYMAN DOUBLE L 1892	HOARDS DAIRYMAN FARM	WI	222	0.05	19	0.03	13	2	-0.8	1.8	0.7	158	84	87	78	64 G
	JENS GOLD DOUBLE L YOLANDA	JENS GOLD FARMS,LLP	WI	-32	0.09	15	0.05	7	2	1.2	0.9	3.7	272	84	84	83	64
	DAIRYMAN ALSTAR POSY	HOARDS DAIRYMAN FARM	WI	482	-0.03	16	0.02	19	3	0.9	0.5	-0.8	90	84	84	82	64
	SMITHFIELD DOUBLE L JENNET	COON BROTHERS FARM, LLC	NY	-275	0.14	12	0.01	-7	2	3.0	0.7	6.9	337	84	85	84	64
	RIPLEY FARMS YB C RAZZLE	RIPLEY ESTHER	NY	-105	0.08	10	0.01	-2	3	-0.5	1.6	4.5	211	86	86	87	64
	JENSGOLDEN SUNRISE OMAGGIE	KLUGOW KIRSTEN JENSEN	WI	802	0.04	44	0.01	28	3	-2.3	1.2	-0.9	159	88	87	90	64
	VALLEY VEUE CHALLENGE LUCY LOU	STAEHELYS VALLEY VEUE DAIROR	OR	20	0.03	5	0.05	9	5	0.9	-0.6	6.0	321	90	90	90	64
	JENS GOLD ROYALTY OLLIMAE	JENS GOLD FARMS,LLP	WI	109	0.14	30	0.00	4	4	-1.8	1.4	2.9	191	90	90	90	64 G
	SPRINGHILL BLUE JUDITH-ET	SPRINGHILL	OH	267	0.02	16	-0.02	6	2	0.0	2.3	0.3	113	91	92	88	64
	GRDIX LEE JESTER FRENCHES	DIXON STEVEN KEITH	MO	182	0.00	8	0.01	8	5	1.0	1.5	0.8	125	92	92	91	64
250	DAIRYMAN ALSTAR 2469 DAEZ	HOARDS DAIRYMAN FARM	WI	379	0.03	22	-0.02	10	1	1.2	0.7	1.3	183	80	78	78	63
	EALY HIGHLAND LAREDO ICECHIP	EALY CONNER	PA	263	0.08	26	0.01	11	2	1.9	0.1	3.7	287	80	82	82	63
	SMITHFIELD GEO ZELLA	COON BROTHERS FARM, LLC	NY	279	0.14	38	0.01	10	2	-0.3	0.4	1.5	223	80	78	81	63
	DAIRYMAN LAREDO 2190	HOARDS DAIRYMAN FARM	WI	-56	0.10	14	0.01	0	2	2.4	0.4	5.6	310	81	84	82	63
	IDLE GOLD AARON BEATRICE	JENSEN NEIL & JANICE	WI	74	0.09	20	0.02	6	1	-0.1	1.0	0.7	153	82	82	82	63
	PARADISE ACRES COPPER DIAMOND	PIFER MARK A	PA	-68	0.12	18	0.01	0	3	0.4	0.6	5.8	311	83	83	85	63
	NELLS GLOW ALSTAR FAUNA	BAY MEADOW FARMS & NELSOICA	CA	824	-0.09	20	-0.05	17	3	-0.4	0.3	2.6	238	83	82	86	63
	GOLDEN J CORDELL GRACEFUL	JENSEN TRENT & LEANN	WI	217	0.08	23	0.06	18	3	-0.3	1.2	2.3	242	84	85	85	63
	ABIQUA ACRES AARONS JAZZY	MANN ALAN	OR	397	0.03	24	-0.03	8	2	-0.5	0.2	2.0	213	84	86	78	63
	COULEE CREST LAKODA DARIA	COULEE CREST LLC	WI	368	-0.05	7	0.05	21	1	-0.6	1.5	-0.6	91	84	80	90	63
	HILLSIDE BART MIZO	MORROW JOHN B	PA	358	0.02	20	0.02	16	5	0.0	-0.1	2.7	252	85	87	82	63
	RIPLEY FARMS YB NATALINE-ET	RIPLEY DANIEL E	NY	-178	0.12	12	0.02	-2	1	1.4	2.0	3.5	192	85	87	85	63 G
	DAIRYMAN GEO 2407 NOBLE	HOARDS DAIRYMAN FARM	WI	418	0.02	22	0.02	18	1	-0.5	1.3	-0.4	130	86	87	82	63
	SOUTH LANE AARON TORI	SOUTH LANE FARM	IA	401	0.02	22	-0.03	7	3	0.9	0.7	2.4	230	86	84	84	63
	OAK KNOB DOUBLE L LINGER	CHURCH CRAIG J	IA	-275	0.11	7	0.00	-8	3	2.9	1.0	5.9	307	86	90	86	63
	DAIRYMAN DOUBLE L 1956	HOARDS DAIRYMAN FARM	WI	-48	0.14	21	0.03	3	2	0.4	2.0	4.1	285	87	91	81	63
	K VALLEY GEO DESIGN	K-VALLEY FARM-DANIEL & ANNEIA	IA	491	0.06	32	0.02	20	3	-1.2	0.6	0.7	229	88	88	87	63
	SOLID GOLD AARONS ODELL	BRAHMER MATT	WI	313	0.07	26	-0.01	8	2	0.0	2.3	-0.5	135	91	91	90	63
	ROZELYN DANIEL HEIDI	ZWEEGMAN GREGORY D	WA	-195	0.12	12	0.07	5	3	-0.5	1.3	2.5	168	91	92	88	63
269	GROUR HOMESTEAD NOVAK JUNE	DELAET PAUL L & ELAINE M & F,OH	OH	1178	-0.14	26	-0.09	22	1	-0.5	-0.1	1.9	236	82	82	82	62
	ROZELYN LEGEND JOLINDA	ROZELYN FARM	WA	497	-0.01	20	0.02	19	1	-0.4	0.6	1.5	204	84	85	72	62
	MARODORE YOGIS LORAASHLEY	MARODORE FARM	OH	-71	0.06	8	0.01	-1	3	1.0	1.7	3.4	199	85	84	85	62 G
	GRMILK JUGS MARK QURRY	STONE BENJAMIN	WI	491	0.04	29	0.01	18	1	-0.5	0.5	2.6	290	85	85	83	62 G
	MAPLE GOLD AARON ELLA	RUDESILL NORMA	WI	123	0.14	30	0.06	14	4	-0.9	0.9	2.0	236	88	88	88	62

	JENS GOLD FAME CHLOE-ET	KLUGOW KAREN	WI	-116	0.10	13	0.02	0	2	-1.8	3.2	1.1	72	90	90	90	62
	JENS GOLD B SPRUCE APRICOT	JENS GOLD FARMS,LLP	WI	44	0.09	17	0.03	6	5	-0.4	1.6	1.7	147	91	90	92	62 G
	KNAPPS LES REBA	KNORN MIKAYLA	WI	762	-0.07	22	-0.01	23	2	-1.1	0.4	1.4	366	91	93	91	62
	ABIQUA ACRES LORRYS BOO	MANN ALAN & BARBARA	OR	831	-0.04	29	-0.07	14	5	-0.3	0.4	4.3	276	92	92	93	62 G
278	DAIRYMAN MINT 2468 KEELY	HOARDS DAIRYMAN FARM	WI	-185	0.12	13	0.11	13	1	0.0	0.8	2.6	223	81	82	78	61
	WILGENBUSCH LOREN LICORICE	WILGENBUSCH DONALD & FAMI	IA	468	0.10	38	-0.01	13	2	-0.4	0.6	2.3	268	82	83	83	61
	CLOVERDALE LEGEND LARISSA	WALKER JOSEPH A	PA	284	0.04	20	0.03	14	1	-0.6	0.5	2.4	220	82	83	82	61
	UP THE CREEK AARONS SHARYLYN	ANDERSON DAVID L	MN	229	0.13	34	0.06	18	1	-1.2	1.2	-0.4	169	84	84	83	61
	WILGENBUSCH LOREN LEANN	WILGENBUSCH DONALD & FAMI	IA	-78	0.15	23	0.03	2	3	-0.7	1.7	4.2	271	85	87	84	61
	RIVERWOOD LL KARLA	KEEFER FORREST J & JANET R	IN	522	0.02	27	-0.06	5	2	0.7	0.9	4.2	298	85	85	85	61
	SMITHFIELD YOGIBEAR SPLEND	COON BROTHERS FARM, LLC	NY	-74	0.16	25	0.04	4	2	0.0	2.0	1.6	181	85	85	85	61
	PLEASANT VALLEY C MIA	VOS JAMISON	IA	665	-0.06	19	-0.05	12	2	0.7	0.8	1.9	171	85	87	82	61
	THURSTON FARM JUMBO BETTY	RIPLEY MARAH	NY	816	-0.13	12	-0.04	20	2	0.2	0.2	1.9	185	86	84	83	61
	JENS GOLD MOZIER FAME CALDONIA-ET	MILLER P MOREY	CT	44	0.10	20	0.01	4	1	-1.8	2.5	0.5	85	86	82	87	61
	SNIDERS GRUMPY ANTANNA-ET	MOORE MADISON & MASON & M	TX	33	0.03	6	-0.03	-4	3	-0.1	1.6	4.9	241	88	92	87	61 G
	SOUTH BAY ALSTAR NELLIE	KEGLEY EARL D	WA	629	-0.07	16	-0.03	14	5	1.7	0.3	5.5	348	90	91	90	61
	DONNYBROOK HUDSON ANN	DONNYBROOK FARM	WI	775	-0.01	32	-0.02	21	3	-0.5	0.2	0.4	171	90	87	90	61
	HARTDALE ALSTAR CUTIE	ROBISON LAUREN T	IL	134	0.09	21	-0.01	2	4	1.9	0.6	3.4	234	92	92	90	61 G
292	JENS GOLD GRUMPY YEVA	JENS GOLD FARMS,LLP	WI	-245	0.12	10	0.09	7	1	1.2	0.4	3.5	239	80	80	80	60
	BLACKWATER GRUMPY BREEZE	BRUBAKER E CLINE	VA	283	0.09	29	0.04	16	4	-0.3	-0.5	1.0	216	81	81	78	60
	TWIN VALLEY NICK SURRY	SPOKE JOSEPH J	WI	485	-0.03	17	0.03	22	5	1.2	0.3	2.4	214	82	78	83	60
	WALNUT CORNER SPRUCE KRISANN	LINDSEY RAY M & KAY	OH	186	-0.06	-2	-0.01	4	1	1.0	1.3	5.0	223	83	84	83	60
	DONNYBROOK PHONZE ROLLIE	DONNYBROOK FARM	WI	-292	0.14	10	0.09	6	2	1.1	1.0	2.7	190	85	86	85	60
	BLACKWATER COPPER AMY	BRUBAKER E CLINE	VA	212	0.05	18	0.00	7	3	-0.8	1.2	3.0	231	85	85	78	60
	NELLS GLOW CONNY OF SPRINGHILL	SPRINGHILL	OH	289	0.08	27	0.03	15	2	-0.5	1.3	1.2	182	86	84	86	60
	RIPLEY FARMS C CONNIE GAIL-ET	RIPLEY ESTHER	NY	404	-0.03	13	0.03	18	5	0.8	0.4	3.1	238	87	86	87	60 G
	ABIQUA ACRES GRUMPY BREYN	MANN ALAN & BARBARA	OR	250	0.07	23	0.02	12	3	0.4	-1.0	5.2	348	87	87	83	60
	FARVIEW LYNNDELLS NATALIE	K-VALLEY FARM-DANIEL & ANNE	IA	-343	0.21	21	0.10	6	3	0.8	0.7	4.4	289	87	86	88	60
	RIPLEY FARMS AP CONI FLORIA-ET	KADENCE FARM	WI	613	-0.14	2	-0.02	16	3	0.0	1.2	-1.0	13	88	86	90	60
	JENS GOLD CONQUEROR ZAMIA	JENS GOLD FARMS,LLP	WI	424	0.01	21	0.00	14	2	0.0	1.2	1.0	183	88	90	86	60
	DIX LEE OZZY BUTTERBOO	DIXON KATIE MARIE	MO	87	0.06	14	0.05	12	2	0.1	1.7	0.2	122	88	90	87	60
	JENS GOLD AARON OVERRUN	JENS GOLD FARMS,LLP	WI	-40	0.13	20	0.02	2	3	-1.0	2.0	3.1	205	90	90	89	60
	DAIRYMAN LEVI LINKS	HOARDS DAIRYMAN FARM	WI	500	-0.05	14	-0.04	9	3	-0.1	2.1	1.3	153	90	91	87	60 G
	DAIRYMAN CORDELL NATALIE	HOARDS DAIRYMAN FARM	WI	137	0.09	22	0.08	18	4	1.0	0.6	2.8	223	90	92	86	60