

Sampling date	Cow ID	Quarter	Species causing intramammary infection	Quarter-level somatic cell count (SCC)
1/6/2020	Abigail	LH	Strep. species	1,000,000
1/6/2020	Abigail	LF		62,000
1/6/2020	Abigail	RH		10,000
1/6/2020	Abigail	RF		13,000
2/12/2020	Abigail	LH	Strep. species	2,400,000
2/12/2020	Abigail	LF	Staph. species	110,000
2/12/2020	Abigail	RH		24,000
2/12/2020	Abigail	RF		38,000
3/10/2020	Abigail	LH	Strep. species	1,700,000
3/10/2020	Abigail	LF	Staph. species, Corynebacterium species	200,000
3/10/2020	Abigail	RH		36,000
3/10/2020	Abigail	RF		94,000
1/6/2020	Alice	LH		67,000
1/6/2020	Alice	LF		3,000
1/6/2020	Alice	RH		2,000
1/6/2020	Alice	RF	Staph. species	110,000
2/12/2020	Alice	LH		4,000
2/12/2020	Alice	LF		12,000
2/12/2020	Alice	RH		260,000
2/12/2020	Alice	RF		9,000
3/10/2020	Alice	LH		2,000
3/10/2020	Alice	LF	Staph. species	240,000
3/10/2020	Alice	RH		120,000
3/10/2020	Alice	RF		5,000
1/6/2020	Alma	LH		Not analyzed
1/6/2020	Alma	LF		<2,000
1/6/2020	Alma	RH		2,000
1/6/2020	Alma	RF		2,400
2/12/2020	Alma	LH		2,000
2/12/2020	Alma	LF		2,000
2/12/2020	Alma	RH		<2,000
2/12/2020	Alma	RF		2,000
3/10/2020	Alma	LH		4,000
3/10/2020	Alma	LF		3,000
3/10/2020	Alma	RH		2,000
3/10/2020	Alma	RF		3,000
1/6/2020	Ardetta	LH		5,000
1/6/2020	Ardetta	LF		4,000
1/6/2020	Ardetta	RH		17,000
1/6/2020	Ardetta	RF	Staph. species	60,000
2/12/2020	Ardetta	LH		5,000
2/12/2020	Ardetta	LF		6,000

2/12/2020	Ardetta	RH		11,000
2/12/2020	Ardetta	RF	Staph. species	72,000
3/10/2020	Ardetta	LH	Staph. species	7,000
3/10/2020	Ardetta	LF		9,000
3/10/2020	Ardetta	RH		14,000
3/10/2020	Ardetta	RF	Staph. species	200,000
1/6/2020	Bonnie	LH		10,000
1/6/2020	Bonnie	LF		9,000
1/6/2020	Bonnie	RH		6,000
1/6/2020	Bonnie	RF		11,000
2/12/2020	Bonnie	LH		11,000
2/12/2020	Bonnie	LF		14,000
2/12/2020	Bonnie	RH		15,000
2/12/2020	Bonnie	RF		13,000
1/6/2020	Clara	LH		23,000
1/6/2020	Clara	LF		16,000
1/6/2020	Clara	RH	Staph. species	290,000
1/6/2020	Clara	RF		71,000
2/12/2020	Clara	LH		27,000
2/12/2020	Clara	LF		24,000
2/12/2020	Clara	RH	Staph. species	160,000
2/12/2020	Clara	RF	Staph. species	42,000
3/10/2020	Clara	LH		47,000
3/10/2020	Clara	LF		39,000
3/10/2020	Clara	RH	Staph. species	420,000
3/10/2020	Clara	RF		53,000
1/6/2020	Esme	LH	Staph. species	120,000
1/6/2020	Esme	LF	Staph. species	82,000
1/6/2020	Esme	RH		49,000
1/6/2020	Esme	RF		30,000
2/12/2020	Esme	LH	Staph. species	84,000
2/12/2020	Esme	LF	Staph. species	50,000
2/12/2020	Esme	RH		54,000
2/12/2020	Esme	RF		45,000
3/10/2020	Esme	LH	Staph. species	99,000
3/10/2020	Esme	LF	Staph. species	83,000
3/10/2020	Esme	RH		38,000
3/10/2020	Esme	RF		23,000
1/6/2020	Flavia	LH		3,000
1/6/2020	Flavia	LF	Staph. species	86,000
1/6/2020	Flavia	RH	Staph. species	110,000
1/6/2020	Flavia	RF	<i>Blind quarter</i>	Not analyzed
2/12/2020	Flavia	LH		8,000
2/12/2020	Flavia	LF	Staph. species	59,000
2/12/2020	Flavia	RH	Staph. species	67,000
2/12/2020	Flavia	RF		2,700,000
3/10/2020	Flavia	LH		9,000

3/10/2020	Flavia	LF	Staph. species	140,000
3/10/2020	Flavia	RH	Staph. species	120,000
3/10/2020	Flavia	RF	<i>Blind quarter</i>	Not analyzed
1/6/2020	Freida	LH		6,000
1/6/2020	Freida	LF		8,000
1/6/2020	Freida	RH	<i>Blind quarter</i>	Not analyzed
1/6/2020	Freida	RF		4,000
2/12/2020	Freida	LH		11,000
2/12/2020	Freida	LF		11,000
2/12/2020	Freida	RH	<i>Blind quarter</i>	Not analyzed
2/12/2020	Freida	RF		5,000
3/10/2020	Freida	LH		10,000
3/10/2020	Freida	LF		11,000
3/10/2020	Freida	RH	<i>Blind quarter</i>	Not analyzed
3/10/2020	Freida	RF		6,000
1/6/2020	Gloria	LH		<2,000
1/6/2020	Gloria	LF	Staph. species	85,000
1/6/2020	Gloria	RH		5,000
1/6/2020	Gloria	RF	Staph. species	200,000
2/12/2020	Gloria	LH		2,000
2/12/2020	Gloria	LF	Staph. species	80,000
2/12/2020	Gloria	RH		4,000
2/12/2020	Gloria	RF	Staph. species	69,000
3/10/2020	Gloria	LH	<i>Sample contaminated</i>	6,000
3/10/2020	Gloria	LF	Staph. species	67,000
3/10/2020	Gloria	RH	<i>Sample contaminated</i>	11,000
3/10/2020	Gloria	RF	Staph. species	67,000
2/12/2020	Gomora	LH		38,000
2/12/2020	Gomora	LF		40,000
2/12/2020	Gomora	RH		49,000
2/12/2020	Gomora	RF		41,000
3/10/2020	Gomora	LH		6,000
3/10/2020	Gomora	LF		5,000
3/10/2020	Gomora	RH		6,000
3/10/2020	Gomora	RF		8,000
1/6/2020	Hosana	LH		3,000
1/6/2020	Hosana	LF		3,000
1/6/2020	Hosana	RH		<2,000
1/6/2020	Hosana	RF		
2/12/2020	Hosana	LH		<2,000
2/12/2020	Hosana	LF		<2,000
2/12/2020	Hosana	RH		<2,000
2/12/2020	Hosana	RF		<2,000
3/10/2020	Hosana	LH		<2,000
3/10/2020	Hosana	LF	Staph. species	2,000
3/10/2020	Hosana	RH		<2,000

3/10/2020	Hosana	RF		<2,000
1/6/2020	Hyacinth	LH		11,000
1/6/2020	Hyacinth	LF		9,000
1/6/2020	Hyacinth	RH	Staph. species	13,000
1/6/2020	Hyacinth	RF		8,000
2/12/2020	Hyacinth	LH		9,000
2/12/2020	Hyacinth	LF		7,000
2/12/2020	Hyacinth	RH		15,000
2/12/2020	Hyacinth	RF		8,000
3/10/2020	Hyacinth	LH		4,000
3/10/2020	Hyacinth	LF		4,000
3/10/2020	Hyacinth	RH		8,000
3/10/2020	Hyacinth	RF		7,000
3/10/2020	Immogene	LH		<2,000
3/10/2020	Immogene	LF		2,000
3/10/2020	Immogene	RH		<2,000
3/10/2020	Immogene	RF		<2,000
1/6/2020	Imogene	LH	Staph. species	2,000
1/6/2020	Imogene	LF		2,000
1/6/2020	Imogene	RH	Sample contaminated	2,000
1/6/2020	Imogene	RF		3,000
2/12/2020	Imogene	LH		4,000
2/12/2020	Imogene	LF	Staph. species	5,000
2/12/2020	Imogene	RH		8,000
2/12/2020	Imogene	RF		6,000
1/6/2020	Indie	LH		23,000
1/6/2020	Indie	LF		9,000
1/6/2020	Indie	RH		12,000
1/6/2020	Indie	RF		11,000
2/12/2020	Indie	LH		16,000
2/12/2020	Indie	LF		21,000
2/12/2020	Indie	RH		12,000
2/12/2020	Indie	RF		24,000
3/10/2020	Indie	LH		63,000
3/10/2020	Indie	LF		82,000
3/10/2020	Indie	RH		49,000
3/10/2020	Indie	RF		110,000
1/6/2020	Irene	LH		16,000
1/6/2020	Irene	LF	Staph. species	29,000
1/6/2020	Irene	RH		6,000
1/6/2020	Irene	RF		7,000
2/12/2020	Irene	LH		44,000
2/12/2020	Irene	LF	Staph. species	50,000
2/12/2020	Irene	RH		72,000
2/12/2020	Irene	RF		10,000
3/10/2020	Irene	LH		16,000
3/10/2020	Irene	LF	Staph. species	69,000

3/10/2020	Irene	RH		34,000
3/10/2020	Irene	RF		20,000
1/6/2020	Iris	LH		6,000
1/6/2020	Iris	LF		4,000
1/6/2020	Iris	RH		14,000
1/6/2020	Iris	RF		4,000
2/12/2020	Iris	LH		2,000
2/12/2020	Iris	LF		6,000
2/12/2020	Iris	RH	Corynebacterium species	12,000
2/12/2020	Iris	RF		5,000
3/10/2020	Iris	LH	Staph. species	2,000
3/10/2020	Iris	LF		2,000
3/10/2020	Iris	RH		7,000
3/10/2020	Iris	RF		3,000
1/6/2020	Isabelle	LH		9,778
1/6/2020	Isabelle	LF		2,889
1/6/2020	Isabelle	RH		4,000
1/6/2020	Isabelle	RF		<2,000
2/12/2020	Isabelle	LH		6,000
2/12/2020	Isabelle	LF		2,000
2/12/2020	Isabelle	RH		4,000
2/12/2020	Isabelle	RF		6,000
3/10/2020	Isabelle	LH		4,000
3/10/2020	Isabelle	LF		4,000
3/10/2020	Isabelle	RH		2,000
3/10/2020	Isabelle	RF		4,000
1/6/2020	Jasmine	LH		8,000
1/6/2020	Jasmine	LF		6,000
1/6/2020	Jasmine	RH		11,000
1/6/2020	Jasmine	RF		9,000
2/12/2020	Jasmine	LH		8,000
2/12/2020	Jasmine	LF		9,000
2/12/2020	Jasmine	RH		7,000
2/12/2020	Jasmine	RF		7,000
3/10/2020	Jasmine	LH		8,000
3/10/2020	Jasmine	LF		5,000
3/10/2020	Jasmine	RH		13,000
3/10/2020	Jasmine	RF		7,000
1/6/2020	Lassandra	LH		26,000
1/6/2020	Lassandra	LF		13,000
1/6/2020	Lassandra	RH		15,000
1/6/2020	Lassandra	RF		15,000
2/12/2020	Lassandra	LH		29,000
2/12/2020	Lassandra	LF		24,000
2/12/2020	Lassandra	RH		19,000
2/12/2020	Lassandra	RF		25,000
1/6/2020	Leadbelly	LH		12,000

1/6/2020	Leadbelly	LF	<i>Blind quarter</i>	Not analyzed
1/6/2020	Leadbelly	RH		7,000
1/6/2020	Leadbelly	RF		4,000
2/12/2020	Leadbelly	LH		61,000
2/12/2020	Leadbelly	LF	<i>Blind quarter</i>	Not analyzed
2/12/2020	Leadbelly	RH		43,000
2/12/2020	Leadbelly	RF		51,000
1/6/2020	Lena	LH		23,000
1/6/2020	Lena	LF	<i>Blind quarter</i>	Not analyzed
1/6/2020	Lena	RH		Not analyzed
1/6/2020	Lena	RF		4,000
2/12/2020	Lena	LH		9,000
2/12/2020	Lena	LF	<i>Blind quarter</i>	Not analyzed
2/12/2020	Lena	RH	Unknown organism	6,000
2/12/2020	Lena	RF	Staph. species	8,000
3/10/2020	Lena	LH		2,000
3/10/2020	Lena	LF	<i>Blind quarter</i>	Not analyzed
3/10/2020	Lena	RH		4,000
3/10/2020	Lena	RF		4,000
1/6/2020	Leopard	LH	Staph. aureus	680,000
1/6/2020	Leopard	LF	Staph. species	34,000
1/6/2020	Leopard	RH		<2,000
1/6/2020	Leopard	RF	Staph. species	35,000
2/12/2020	Leopard	LH	Staph. aureus	650,000
2/12/2020	Leopard	LF	Staph. species	66,000
2/12/2020	Leopard	RH		7,000
2/12/2020	Leopard	RF		30,000
3/10/2020	Leopard	LH	Staph. aureus	170,000
3/10/2020	Leopard	LF	Staph. species	24,000
3/10/2020	Leopard	RH		2,000
3/10/2020	Leopard	RF	Staph. species	29,000
1/6/2020	Lilac	LH	<i>Sample contaminated</i>	5,000
1/6/2020	Lilac	LF	Staph. species	140,000
1/6/2020	Lilac	RH	Staph. species	35,000
1/6/2020	Lilac	RF	<i>Blind quarter</i>	Not analyzed
2/12/2020	Lilac	LH		4,000
2/12/2020	Lilac	LF	Staph. species	86,000
2/12/2020	Lilac	RH	Staph. species	61,000
2/12/2020	Lilac	RF	<i>Blind quarter</i>	Not analyzed
3/10/2020	Lilac	LH		6,000
3/10/2020	Lilac	LF	Staph. species	290,000
3/10/2020	Lilac	RH	Staph. species	80,000
3/10/2020	Lilac	RF	<i>Blind quarter</i>	Not analyzed
1/6/2020	Lucha	LH		4,000
1/6/2020	Lucha	LF	Staph. species	170,000
1/6/2020	Lucha	RH	<i>Blind quarter</i>	Not analyzed
1/6/2020	Lucha	RF	Staph. species	160,000

2/12/2020	Lucha	LH		10,000
2/12/2020	Lucha	LF	Staph. species	58,000
2/12/2020	Lucha	RH	<i>Blind quarter</i>	Not analyzed
2/12/2020	Lucha	RF	Staph. species	440,000
3/10/2020	Lucha	LH		3,000
3/10/2020	Lucha	LF	Staph. species	26,000
3/10/2020	Lucha	RH	<i>Blind quarter</i>	Not analyzed
3/10/2020	Lucha	RF	Staph. species	78,000
1/6/2020	Luna	LH		8,000
1/6/2020	Luna	LF	<i>Sample contaminated</i>	2,000
1/6/2020	Luna	RH	<i>Blind quarter</i>	Not analyzed
1/6/2020	Luna	RF		11,000
2/12/2020	Luna	LH		5,000
2/12/2020	Luna	LF		6,000
2/12/2020	Luna	RH	<i>Blind quarter</i>	Not analyzed
2/12/2020	Luna	RF		11,000
3/10/2020	Luna	LH	Strep. species	6,000
3/10/2020	Luna	LF		7,000
3/10/2020	Luna	RH	<i>Blind quarter</i>	Not analyzed
3/10/2020	Luna	RF		38,000
1/6/2020	Matilda	LH		3,000
1/6/2020	Matilda	LF		<2,000
1/6/2020	Matilda	RH		10,800
1/6/2020	Matilda	RF	Staph. species	42,000
2/12/2020	Matilda	LH		6,000
2/12/2020	Matilda	LF		7,000
2/12/2020	Matilda	RH		19,000
2/12/2020	Matilda	RF	Corynebacterium species, Staph. species	43,000
3/10/2020	Matilda	LH		9,000
3/10/2020	Matilda	LF		5,000
3/10/2020	Matilda	RH	Staph. species	8,000
3/10/2020	Matilda	RF	Staph. species	25,000
1/6/2020	Panda	LH		30,000
1/6/2020	Panda	LF		10,000
1/6/2020	Panda	RH	Staph. species	860,000
1/6/2020	Panda	RF		15,000
2/12/2020	Panda	LH		15,000
2/12/2020	Panda	LF		5,000
2/12/2020	Panda	RH	Staph. species	150,000
2/12/2020	Panda	RF		11,000
3/10/2020	Panda	LH		8,000
3/10/2020	Panda	LF		8,000
3/10/2020	Panda	RH	Staph. species	160,000
3/10/2020	Panda	RF		7,000
1/6/2020	Patchouli	LH		7,000
1/6/2020	Patchouli	LF		49,000
1/6/2020	Patchouli	RH		12,000

1/6/2020	Patchouli	RF		4,000
2/12/2020	Patchouli	LH		6,000
2/12/2020	Patchouli	LF		2,000
2/12/2020	Patchouli	RH		4,000
2/12/2020	Patchouli	RF	Unknown organism	72,000
3/10/2020	Patchouli	LH		7,000
3/10/2020	Patchouli	LF		5,000
3/10/2020	Patchouli	RH		5,000
3/10/2020	Patchouli	RF	Staph. species	24,000
1/6/2020	Seraphina	LH		3,000
1/6/2020	Seraphina	LF		4,000
1/6/2020	Seraphina	RH		8,000
1/6/2020	Seraphina	RF		8,000
2/12/2020	Seraphina	LH		<2,000
2/12/2020	Seraphina	LF		<2,000
2/12/2020	Seraphina	RH		<2,000
2/12/2020	Seraphina	RF		<2,000
3/10/2020	Seraphina	LH		29,000
3/10/2020	Seraphina	LF		11,000
3/10/2020	Seraphina	RH		7,000
3/10/2020	Seraphina	RF		7,000
1/6/2020	Tallula	LH		5,000
1/6/2020	Tallula	LF		6,000
1/6/2020	Tallula	RH		6,000
1/6/2020	Tallula	RF	Staph. species	120,000
2/12/2020	Tallula	LH		470,000
2/12/2020	Tallula	LF		17,000
2/12/2020	Tallula	RH		3,000
2/12/2020	Tallula	RF	Staph. species	53,000
3/10/2020	Tallula	LH		170,000
3/10/2020	Tallula	LF		9,000
3/10/2020	Tallula	RH		3,000
3/10/2020	Tallula	RF	Staph. species	78,000
3/10/2020	Tessa	LH		2,000
3/10/2020	Tessa	LF		3,000
3/10/2020	Tessa	RH		3,000
3/10/2020	Tessa	RF		4,000
1/6/2020	Tilly	LH		19,000
1/6/2020	Tilly	LF		21,000
1/6/2020	Tilly	RH		17,000
1/6/2020	Tilly	RF		15,000
2/12/2020	Tilly	LH		39,000
2/12/2020	Tilly	LF		38,000
2/12/2020	Tilly	RH		27,000
2/12/2020	Tilly	RF		28,000
3/10/2020	Tilly	LH	Staph. species	25,000
3/10/2020	Tilly	LF		41,000

3/10/2020	Tilly	RH		26,000
3/10/2020	Tilly	RF		41,000
1/6/2020	Ursala	LH	Staph. species	29,000
1/6/2020	Ursala	LF		4,000
1/6/2020	Ursala	RH		9,000
1/6/2020	Ursala	RF		7,000
2/12/2020	Ursala	LH	Staph. species	90,000
2/12/2020	Ursala	LF		9,000
2/12/2020	Ursala	RH		8,000
2/12/2020	Ursala	RF		8,000
3/10/2020	Ursala	LH	Staph. species	48,000
3/10/2020	Ursala	LF		3,000
3/10/2020	Ursala	RH		3,000
3/10/2020	Ursala	RF		5,000
1/6/2020	Vangie	LH		5,000
1/6/2020	Vangie	LF		4,000
1/6/2020	Vangie	RH		5,000
1/6/2020	Vangie	RF		4,000
2/12/2020	Vangie	LH		11,000
2/12/2020	Vangie	LF		9,000
2/12/2020	Vangie	RH		11,000
2/12/2020	Vangie	RF		13,000
3/10/2020	Vangie	LH		7,000
3/10/2020	Vangie	LF		2,000
3/10/2020	Vangie	RH		6,000
3/10/2020	Vangie	RF		5,000
3/10/2020	Vera	LH		300,000
3/10/2020	Vera	LF		4,000
3/10/2020	Vera	RH		31,000
3/10/2020	Vera	RF	Corynebacterium species	10,000
1/6/2020	Vicki	LH		15,000
1/6/2020	Vicki	LF		13,000
1/6/2020	Vicki	RH		4,000
1/6/2020	Vicki	RF	Sample contaminated	5,000
2/12/2020	Vicki	LH		11,000
2/12/2020	Vicki	LF		19,000
2/12/2020	Vicki	RH		13,000
2/12/2020	Vicki	RF		13,000
3/10/2020	Vicki	LH		17,000
3/10/2020	Vicki	LF		15,000
3/10/2020	Vicki	RH		12,000
3/10/2020	Vicki	RF	Bacillus species, Staph. species	11,000
1/6/2020	Zelda	LH		29,000
1/6/2020	Zelda	LF	Staph. species	170,000
1/6/2020	Zelda	RH		42,000
1/6/2020	Zelda	RF		74,000
2/12/2020	Zelda	LH		91,000

2/12/2020	Zelda	LF	Staph. species	90,000
2/12/2020	Zelda	RH		120,000
2/12/2020	Zelda	RF		150,000
3/10/2020	Zelda	LH		43,000
3/10/2020	Zelda	LF	Staph. species	100,000
3/10/2020	Zelda	RH		64,000
3/10/2020	Zelda	RF		260,000
Additional clinical samples:				
			Species causing intramammary infection	Quarter-level SCC
3/11/2020	Cardamom	LH	1 colony CNS (positive on CMT)	560,000
3/11/2020	Cardamom	LF		14,000
3/11/2020	Cardamom	RH		11,000
3/11/2020	Cardamom	RF		4,000