FLEX REPORT	55-99-9999	CPM-AR	Test Date: **09-02-2020**
DHI-370	**HENRY SMITH**		Processed: **09-04-2020**

Selective Dry Cow Therapy (SDCT) can be an effective management strategy to reduce expenses and use of antibiotic treatments for cows at dry-off. Experts in the use of SDCT recommend that herds should meet a few minimum requirements: 1) frequent DHI testing of SCC, 2) overall low incidence of mastitis and 3) an effective dry-off procedure. However, reducing antibiotic use at dry-off may change the risk of mastitis if the SDCT program is not properly implemented. SDCT is usually most successful for herds with low mastitis risks in the dry period.

There are 2 elements of eligibility for SDCT:

1. Is your herd eligible? Your herd meets the minimum eligibility requirements - see why below
2. Which cows are eligible? As you might suspect, some cows are not good candidates - see why below

Herd Eligibility: This comparison illustrates why your herd is a candidate to deploy a SDCT program:

In Recent 12 Months	Recommendation	Your Herd
Number of DHI test days with SCC	At Least 8	**11**
Annual DHI Herd Average SCC	Less than 250,000	**222,000**
Number of DHI herd tests with SCC >= 250,000	Less than 3	**0**

Additionally, prior to implementing SDCT, your herd should use:

- Mgt practices to reduce milk levels at dry-off
- Excellent hygiene at dry-off, dry period and calving
- Vet to review best mgt practices and risk areas
- Records for clinical mastitis cases
- Teat sealant

Next, Which Cows are Eligible?

On the DHI-370 Flex Report, cows with the following criteria will be green shaded

- SCC on last test day is less than 200,000, and
- Average SCC for last three test days is less than 200,000

Last Step: Apply these checks before deciding that a cow is eligible for SDCT

- No more than 1 case of clinical mastitis during her lactation
- Less than 99 days estimated dry period
- No other signs of mastitis via diagnostics such as culture or CMT
- No Red Flags such as a history of chronic mastitis in the cow's record

Green Shaded cows on the DHI-370 Flex Report that passed all of these checks are eligible for:

- A teat sealant that is aseptically infused
- No treatment with Dry Cow Antibiotic

Please apply proper strategies to reduce milk production prior to dry-off. Consult your vet.

DRMS and your Service Affiliate accept no responsibility for loss or damage from the use of this information.

FLEX REPORT | **55-99-9999** | **CPM-AR** | Test Date: **09-02-2020**
DHI-370 | **HENRY SMITH** | Processed: **09-04-2020**
Cows to Dry in Next 60 Days

Test Type and Description		Breed
31	DHI-AP	HO

Date To Dry uses Due Date and your herd's setting of Days in Dry Period = 45
Candidates for no dry cow antibiotics (Log SCC & Avg SCC/3 tests) < 4.0 AND
0 or 1 case of clinical mastitis in the lactation (check your records)

Test Day Milk		Actual SCC			%	Cow	DryTrt	Date	DIM	Lact	Log	Lact Avg		#>	#SCC	Prod	Total
Actual	Exp	Last-3	Prev	Curr	Tank		(Y/N)	to Dry			SCC	Curr	Prev	200K	Tests	Index	Solids
64	58	1600	1600	1493	2	**1763**		09-20-20	285	1	6.9	6.4		8	8	90	13.3
72	68	629	264	800	1	**1586**		09-21-20	352	2	6.0	4.8	1.9	8	11	110	14.2
60	65	83	132	66		**1588**		09-30-20	364	2	2.4	2.8	0.5	3	11	110	15.0
70	74	78	47	174		**1693**		09-30-20	395	1	3.8	1.6		1	11	117	13.8
70	90	46	54	23		**1694**		09-30-20	367	1	0.9	1.9		1	11	128	12.9
70	64	58	31	100		**1574**		10-06-20	312	2	3.0	1.2	2.9		10	97	14.7
72	67	281	283	123		**1470**		10-08-20	258	3	3.3	2.2	1.7	2	9	93	13.2
94	78	268	230	460	1	**1491**		10-12-20	261	3	5.2	2.5	2.6	3	9	94	12.8
78	89	99	100	107		**1606**		10-12-20	268	2	3.1	1.8	1.7		8	104	12.6
72	73	24	22	41		**1501**		10-15-20	286	3	1.7	0.5	2.0		9	113	14.0
78	70	45	38	71		**1500**		10-19-20	293	3	2.5	1.0	2.7		10	91	12.6
84	96	69	25	187		**1580**		10-19-20	312	2	3.9	1.0	4.4		10	130	14.1
72	71	70	57	115		**1584**		10-19-20	332	2	3.2	1.5	0.5		10	115	14.1
60	75	101	81	214		**1605**		10-19-20	333	2	4.1	1.4	1.9	1	10	107	13.4
72	67	54	57	54		**1705**		10-19-20	351	1	2.1	3.3		2	11	96	13.0
64	70	23	19	23		**1706**		10-19-20	336	1	0.9	0.7			10	106	13.5
96	87	730	1493	162		**1713**		10-19-20	302	1	3.7	5.1		9	10	107	12.5
54	74	213	246	373		**1730**		10-19-20	277	1	4.9	3.3		3	9	100	14.6
30	58	99	66	123		**1348**		10-21-20	381	3	3.3	3.3	2.6	5	12	106	13.2
102	85	378	35	919	2	**1711**		10-21-20	358	1	6.2	2.4		2	11	112	12.8
88	73	378	566	303	1	**1494**		10-26-20	251	3	4.6	3.1	2.5	4	8	81	11.8
72	**74**	**254**	**259**	**282**		**AVERAGES**			**318**		**3.6**	**2.5**	**2.1**			**105**	**13.4**

FLEX REPORT
DHI-370

55-99-9999
HENRY SMITH

CPM-AR

Test Date: **09-02-2020**
Processed: **09-04-2020**

Test Type and Description		Breed
31	DHI-AP	HO

Test Day Milk		Actual SCC			%	Cow	DIM	Lact	Log	Lact Avg		#>	#SCC	Prod	Total
Actual	Exp	Last-3	Prev	Curr	Tank				SCC	Curr	Prev	200K	Tests	Index	Solids
94	90	83	100	100		**1089**	215	6	3.0	2.0	2.6		7	99	12.6
84	82	63	57	132		**1254**	223	5	3.4	1.2	2.6		7	92	13.4
106	91	30	50	18		**1257**	94	5	0.5	1.1	1.0		3	81	12.6
112	100	134	230	123		**1266**	215	5	3.3	1.5	1.6	1	7	94	12.3
108		19		19		**1321**	28	5	0.6	0.6	2.4		1		13.0
78	106	27	29	44		**1331**	93	4	1.8	1.0	1.8		3	66	12.1
96	90	179	174	174		**1341**	230	4	3.8	3.2	2.5		8	112	13.8
78	77	21	22	27		**1360**	214	4	1.1	1.0	1.9		7	78	13.4
90	94	1036	13	1300	2	**1368**	101	4	6.7	4.3	3.7	2	4	67	11.9
82		44		44		**1381**	26	5	1.8	1.8	2.7		1		12.8
108	103	321	152	696	1	**1390**	193	4	5.8	4.1	3.1	3	6	101	11.9
130	120	80	107	93		**1415**	112	4	2.9	2.7	2.7		4	95	12.3
102	106	123	62	283	1	**1420**	152	4	4.5	2.6	2.9	1	5	83	11.6
106	85	349	325	348	1	**1421**	292	3	4.8	4.7	5.1	9	10	100	12.3
70	76	217	123	187		**1439**	388	3	3.9	4.0	4.3	6	12	101	13.1
96	88	164	283	132		**1443**	332	3	3.4	2.5	1.2	1	10	115	13.3
144	112	822	1300	696	2	**1454**	74	4	5.8	5.6	3.1	3	3	85	11.5
90	101	446	303	800	1	**1455**	99	4	6.0	3.9	2.7	3	4	76	12.1
106	84	87	174	38		**1456**	187	3	1.6	1.8	3.8		6	105	12.2
120	99	42	76	35		**1467**	147	3	1.5	1.3	4.0		5	86	11.8
90	89	52	57	29		**1469**	207	3	1.2	1.3	1.1		7	99	13.8
70	64	969	62	174		**1479**	205	3	3.8	3.5	1.6	1	7	89	13.9
132	100	24	13	44		**1481**	140	3	1.8	0.8	2.4		5	95	12.0
102	91	79	87	107		**1496**	211	3	3.1	1.9	2.3		6	107	13.3
94	74	185	214	200		**1506**	513	2	4.0	2.2	2.7	2	15	116	13.6
90	71	57	44	100		**1507**	251	3	3.0	1.1	1.3		8	97	12.1
72	76	83	81	66		**1509**	238	3	2.4	1.9	2.1	1	8	96	14.1
90	94	155	162	107		**1511**	190	3	3.1	3.2	4.5		6	100	13.4
108	114	47	31	100		**1512**	137	3	3.0	1.8	2.3		5	97	12.6
120	112	306	214	650	1	**1514**	98	3	5.7	4.0	4.7	3	4	83	12.3
102	82	140	264	132		**1515**	222	3	3.4	2.0	1.9	2	7	98	13.1
150	120	16	13	22		**1519**	137	3	0.8	0.2	0.9		5	113	12.5
76	72	49	50	66		**1520**	445	2	2.4	1.1	4.2		14	131	14.3
138	108	225	230	17		**1522**	191	3	0.4	3.1	3.7	3	6	124	14.4
64	66	95	100	141		**1526**	239	3	3.5	1.9	1.7		8	91	12.3
114	106	39	87	13		**1527**	82	3	0.1	1.0	3.9		3	87	12.2
76	78	61	44	107		**1537**	214	3	3.1	2.1	1.4		7	89	13.5
100	104	24	27	27		**1538**	97	3	1.1	1.1	1.3		4	80	12.3
66	68	140	123	132		**1540**	339	2	3.4	3.3	4.7		10	107	13.5
88	76	16	18	13		**1546**	268	2	0.1	1.0	1.3		9	88	12.5
94	98	536	13	1838	3	**1547**	134	3	7.2	1.7	3.5	1	5	97	14.3
124	106	30	27	44		**1548**	174	3	1.8	1.5	4.1		6	102	12.4
90	110	85	44	141		**1551**	189	3	3.5	2.3	3.3		6	102	12.9
174	168	323	650	29		**1558**	66	3	1.2	3.5	1.4	1	2	98	10.6
132		31		31		**1559**	36	3	1.3	1.3	1.8		1		12.3

FLEX REPORT **55-99-9999** **CPM-AR** Test Date: **09-02-2020**
DHI-370 **HENRY SMITH** Processed: **09-04-2020**

Test Type and Description		Breed
31	DHI-AP	HO

Test Day Milk		Actual SCC			%	**Cow**	DIM	Lact	Log	Lact Avg		#>	#SCC	Prod	Total
Actual	Exp	Last-3	Prev	Curr	Tank				SCC	Curr	Prev	200K	Tests	Index	Solids
78	91	33	13	38		**1743**	162	1	1.6	1.3			5	91	12.8
88	87	34	29	41		**1744**	189	1	1.7	1.6			6	101	13.0
72	64	200	566	44		**1745**	170	1	1.8	2.3		1	5	90	13.9
90	85	43	35	50		**1747**	206	1	2.0	1.4			7	105	13.4
90	75	43	54	20		**1750**	192	1	0.7	1.7			6	100	13.3
90	85	34	35	41		**1751**	169	1	1.7	1.5			5	99	12.7
100	93	73	33	107		**1752**	150	1	3.1	2.1			5	115	13.5
102	90	54	47	50		**1753**	162	1	2.0	2.2			5	102	12.7
114	100	42	44	31		**1754**	139	1	1.3	1.4			5	114	12.5
78	80	20	23	17		**1756**	114	1	0.4	0.9			4	87	13.3
90	92	37	33	44		**1757**	102	1	1.8	1.6			4	96	13.5
100	74	54	100	22		**1758**	202	1	0.8	2.3			7	118	13.5
72	70	34	23	50		**1760**	187	1	2.0	1.3			6	90	13.1
72	80	47	41	54		**1762**	108	1	2.1	2.8		1	4	82	13.5
72	66	19	31	13		**1764**	174	1	0.1	1.0			5	89	13.3
84	74	63	33	107		**1765**	167	1	3.1	2.8		1	5	93	13.0
102	87	23	19	19		**1766**	165	1	0.6	0.7			5	101	12.6
78	81	44	35	50		**1767**	166	1	2.0	1.6			5	93	13.1
100	92	94	115	66		**1769**	152	1	2.4	2.6			5	106	12.5
100	91	13	13	13		**1771**	157	1	0.1	0.1			5	118	13.0
120	102	71	152	22		**1772**	89	1	0.8	2.0			3	109	11.9
90	81	98	38	200		**1775**	87	1	4.0	2.5		1	3	100	13.2
114	103	47	50	44		**1776**	87	1	1.8	1.9			3	115	12.9
72	67	21	20	13		**1777**	137	1	0.1	2.0		1	5	84	13.4
100	88	13	13	13		**1778**	115	1	0.1	0.4			4	100	12.6
94	96	127	19	230		**1779**	66	1	4.2	2.4		1	2	97	13.2
94	76	51	20	50		**1782**	113	1	2.0	1.8			4	99	13.4
78	84	16	15	17		**1783**	106	1	0.4	0.8			4	89	13.8
82	76	56	87	44		**1784**	153	1	1.8	3.8		1	5	101	14.5
96	94	1230	22	3430	6	**1785**	72	1	8.1	4.0		1	3	104	13.3
100	88	28	20	23		**1786**	98	1	0.9	1.0			4	103	13.3
82	88	53	62	87		**1788**	108	1	2.8	1.8			4	97	13.7
66	94	50	27	81		**1789**	63	1	2.7	1.9			2	90	14.1
94	87	42	54	29		**1790**	92	1	1.2	1.7			3	103	13.2
90	72	280	76	429	1	**1791**	46	1	5.1	3.9		1	2	95	13.0
90	64	42	47	38		**1802**	56	1	1.6	1.8			2	98	13.1
78	72	58	71	47		**1805**	65	1	1.9	2.2			2	82	12.4
72		35		35		**1811**	17	1	1.5	1.5			1		13.5
78	82	163	50	107		**1820**	94	1	3.1	3.3		1	3	93	12.9
95	**90**	**240**	**201**	**322**		**AVERAGES**	**167**		**2.9**	**2.4**	**2.4**			**99**	**13.0**