

DecisiveDry

DECISIONS FOR THE WAY YOU DAIRY



What is DecisiveDry?

DecisiveDry, part of the HerdHQ suite of products, is an effective management tool to determine if a cow should be dry treated. It uses Selective Dry Cow Therapy (SDCT) strategy to help lower dry treatment costs and reduce the use of antibiotics.

First, DecisiveDry helps determine whether a herd is a good candidate for SDCT. For the recent year, DecisiveDry can assess: the number of SCC measurements, yearly average SCC, and number of test days in which the herd average SCC is greater than a level set by the user. Next, DecisiveDry identifies which of the cows due to be turned dry may be eligible for SDCT. Cow eligibility is determined using the SCC levels from the three most recent test days plus the number of days since the most recent case of clinical mastitis. All cows are recommended for teat sealant. In addition to various lists of cows to turn dry and whether only teat sealant is needed, DecisiveDry also provides financial estimates of costs (treated cows) and savings (non-treated cows) of drugs and labor.

Selective Dry Cow Therapy (SDCT)

Report Name ⓘ Dry Cow List 1	HerdCode ⓘ 34559999 2
String # of cows to include (0=all cows) ⓘ 0 3	Data Source ⓘ DartSync 4
Names of Mastitis Events in Dart ⓘ MAST 2+ QRTS x MAST LFT FRT x MAST LT REAR x MAST RGT FRT x MAST RT REAR x 5	For SDCT, Don't Include Cows With Mastitis Event Within ? Days ⓘ 100 6
Don't Recommend SDCT in Herd if Avg SCC > ? ⓘ 250 7	For SDCT, Don't Include Cows With SCC > ? ⓘ 200 8
Target # of Days Dry ⓘ 60 9	Cows to dry in next X days ⓘ 7 10
Drug cost per cow ⓘ 15.00 11	Labor cost per cow ⓘ 3.00 12
13 14	

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Using DecisiveDry

- Log in to your DRMS account at drms.org
- Select **HerdHQ** from the top menu
- Select **DecisiveDry**

Note: The setup screen has helpful hints by hovering over the ? next to the entry boxes. Some default values are initially provided, or the values can be changed to reflect your operation.

1. Enter a name for the report
2. Enter the herdcode being evaluated
3. Select a specific string if desired/ applicable
4. Select the data **source**

Note: DartSync provides the most recent data if the herd uses Dart and uploads the data to DRMS on a regular basis via DartSync.

Otherwise the most recent test day data will be used.

5. If the herd is using Dart, **mastitis health events** can be selected to assist in determining cow/s to consider for SDCT
6. Record the **number of days** since the mastitis events listed to determine if a cow should be eligible for SDCT
7. Set the **Herd Avg SCC level** to allow SDCT. Most herds are set at 250
8. Set the **maximum SCC** allowed for cows to be considered for SDCT. This value is typically 200.
9. Enter the **target** number of dry days.
10. Indicate the ideal number of days for cows to dry
11. Record the **drug costs** to dry treat a cow
12. Enter the **labor cost** to manage those dry treatment drugs and to dry treat
13. **Save** the inputs
14. Click **View Results**



COWCOMPASS

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The **Results Screen** header lists SDCT eligibility results: Number of SCC tests in the last 12 months, and how many tests were above the desired Herd Max SCC level. A herd must have a minimum of 8 DHI test days with SCC results and less than 3 test days above the Herd's Max SCC to be eligible for SDCT.

DecisiveDry also indicates how many cows need to be dry treated and how many meet the requirement for SDCT and do not need treatment. In this example, cows not needing treatment were below 200,000 SCC for the current and previous test day along with an average of their last 3 tests and have not had a Mastitis health event recorded in the last 100 days. Costs associated with treatment and the savings in not treating cows is also listed.

Cows eligible for SDCT are noted in green with a check mark. Cows not eligible (need treatment) have a red shading with a triangle. Cows are listed in order of their expected dry date. Click on the headings to resort the data.

You may also view a detailed report for additional data to help determine if problem cows with low production should be culled. Both report types may be exported.

DecisiveDry is available to any herd that sends test day data to DRMS and either receive DHI reports or uses Dart. Try it free for 30 days!

DecisiveDry Results as of 4/25/2024			
Report Name: Dry Cow List	Past 12 Months SCC Tests: 8 ✓	Target Period: 60 (days)	
HerdCode: 34559999	Past 12 Months High SCC Tests: 1 ✓	Cows Suggested for Treatment: 4 ▲	
Data source: TestDay	Avg SCC Herd: 208 ✓	Cows Suggested for No Treatment: 17 ✓	
String: 0	Herd's Max SCC for SDCT Eligibility: 250	Cost of drugs & labor for treated cows: \$72.00	
	Cow's Max SCC for SDCT Eligibility: 200	Savings in cost of drugs & labor for non treated cows: \$306.00	
	Cow's Min Days Since Mastitis: 100		

Cow	Name	Grp#	Lact#	DIM	Prev Milk	Curr Milk	Prev TD SCC	Curr TD SCC	Days Sinc Last Mast	Last 3TD SCC	SDCT elig	Dry	Due
5996	5996	8	6	302	96.0	66.6	1300 ▲	650 ▲	49 ▲	679 ▲	N	04/26	06/25
8862 ✓	8862	8	1	323	84.0	83.7	13	13		13	Y ✓	04/27 ✓	06/26
7139 ✓	7139	8	4	317	84.3	86.7	76	33		49	Y ✓	04/28 ✓	06/27
7981 ✓	7981	8	2	313	77.7	66.9	13	62		63	Y ✓	04/28 ✓	06/27
8106 ✓	8106	8	2	354	99.3	90.9	50	93		52	Y ✓	04/28 ✓	06/27
6876	6876	7	4	382	111.3	75.3	152	303 ▲		158	N	04/28	06/27
7519 ✓	7519	7	3	388	77.1	57.0	35	41		32	Y ✓	04/28 ✓	06/27
7518	7518	7	3	442	83.4	59.7	3200 ▲	528 ▲	107	1481 ▲	N	04/28	06/27
8726 ✓	8726	8	1	314	84.3	72.9	29	100		44	Y ✓	04/28 ✓	06/27

Export Results																													
Cow	Name	Grp#	Lact #	DIM	Prev Milk	Curr Milk	Last 3TD SCC	Prev TD SCC	Curr TD SCC	SDCT Elig	Dry	Days Dry Prev Lact	Due	Curr Lact Mast	Days Sinc Last Mast	Prev Lact Mast	Curr TD SCC LS	Prev Lact SCC	Curr Lact SCC	Prev Lact SCC LS	Prev Lact SCC #	Curr Lact SCC #	Curr Lact SCC Max	Curr TD %Tank SCC	Curr 305d Milk	Prev 305d ECM	Prev 305d MEMIB	Prod Index	Total Solids %
5996	5996	8	6	302	96.0	66.6	679	1300	650	N	04/26	59	06/25	Y	49	Y	5.7	306	4.2	298	3.7	6	3	0.2	40539	44004	36627	115	12.6
8862	8862	8	1	323	84.0	83.7	13	13	13	Y	04/27		06/26				0.1	120	1.1			7	1	0.0	26641	28760	33777	102	12.8
6876	6876	7	4	382	111.3	75.3	158	152	303	N	04/28	56	06/27				4.6	72	2.7	36	1.3	8	1	0.1	45963	52634	39915	131	13.9
7139	7139	8	4	317	84.3	86.7	49	76	33	Y	04/28	51	06/27				1.4	34	1.3	32	1.2	7	0	0.0	37839	38833	34852	103	12.4
7518	7518	8	3	442	83.4	59.7	1481	3200	528	N	04/28	52	06/27	Y	107		5.4	819	5.3	60	2.0	9	7	0.2	42154	47101	38456	121	13.7
7519	7519	7	3	388	77.1	57.0	32	35	41	Y	04/28	43	06/27				1.7	106	1.8	28	1.1	8	1	0.0	29805	35620	27452	95	14.7