

**Greenmount Future Herd
Selective Dry Cow Therapy Results (winter 2016 - 2017)**

BNO	lactation	Previous lactation SCC's		Dry period result	Post calve SCC's	
		-2 months	-1 month		+ 1 month	+ 2 months
342	2	32	42	Low - Low	72	58
348	2	90	94	Low - Low	89	67
358	2	68	60	Low - Low	28	100
362	2	38	36	Low - Low	35	37
364	2	54	62	Low - Low	21	7
369	2	35	28	Low - Low	23	23
373	2	60	86	Low - Low	41	97
374	2	26	91	Low - Low	17	8
378	2	125	76	Low - Low	51	59
379	2	21	34	Low - Low	47	92
380	2	16	19	Low - Low	36	12
381	2	31	28	Low - Low	10	31
382	2	36	48	Low - Low	47	90
384	2	27	62	Low - Low	8	18
385	2	32	40	Low - Low	10	20
386	2	26	36	Low - Low	11	10
389	2	21	22	Low - Low	55	12
339	3	26	114	Low - Low	45	4
341	3	35	106	Low - Low	15	65
355	3	81	30	Low - Low	26	10
356	3	74	204	Low - Low	28	22
308	4	53	111	Low - Low	23	12
309	4	107	82	Low - Low	22	34
310	4	44	69	Low - Low	-	9
314	4	32	88	Low - Low	28	14
316	4	-	120	Low - Low	51	10
320	4	33	49	Low - Low	38	22
322	4	24	-	Low - Low	82	21
326	4	44	33	Low - Low	23	12
327	4	50	173	Low - Low	8	27
329	4	36	61	Low - Low	13	-
980	4	29	34	Low - Low	27	25
994	4	38	51	Low - Low	22	-
955	5	65	67	Low - Low	39	40
971	5	84	155	Low - Low	49	36
995	5	83	86	Low - Low	205	178
914	6	61	-	Low - Low	79	261
936	6	118	116	Low - Low	39	352
872	7	30	45	Low - Low	12	10
895	7	65	143	Low - Low	15	7
836	8	26	44	Low - Low	39	16
306	4	40	65	Low - High	2675	2856
978	4	56	48	Low - High	244	210
934	6	56	156	Low - High	320	69

	Number of cows	%	
Dry period protection	Low - Low	41	93%
Dry period infection	Low - High	3	7%

These results indicate that dry cow antibiotic tubes are not necessary in 'low' SCC cows at drying off, (to protect them from infection across the dry period). Research in the UK has clearly demonstrated that internal teat sealants are equally as good as dry cow antibiotics in preventing new infection across the dry period. The target for dry period protection is 90%, i.e. at least 9 cows in 10 that were dried off with an SCC under 200, calve in with an SCC under 200 at first milk recording.