DAIRY ANTIMICROBIAL REPORT



Name: Joe Brown

Vet: Tom Smith

This report is based on antimicrobial products purchased in the year ending July 2018

Your Report

This report analyses your annual antimicrobial purchases to identify the types of products used and inform future decisions on responsible medicine usage. Please discuss this analysis with your vet.

Within the report, 'Critically Important Antimicrobials' are highlighted in red. Macrolides are highlighted brown as these are also restricted within some milk contracts.

Please note: This report is based on Medicine purchases NOT on farm usage.

Definitions of measurements used in the report

Critically Important Antimicrobials - identified by RUMA (Responsible Use of Medicines in Agriculture Alliance) as being most important in human medicine.

- * **PCUs** (Population Corrected Unit) Uses average weight at time of treatment (calculated as average weight over whole lifetime). Calculation assumes all beef animals are for slaughter.
- ** **DDDVet** (Defined Daily Dose) Average number of standard courses per cow per year, taking into account dose rate and treatment duration.
- *** **DCDVet** (Defined Course Dose) Average dose per treatment course, taking into account daily dose rate & course length.



Vet: Tom Smith

Kingshay HEALTH MANAGER

DAIRY
ANTIMICROBIAL REPORT

July-18

Herd Performance	Last Year	This Year	Group							
Herd Size	142	184	245	A year on year summary of your antimicrobial use is shown compared to the group average, the 'Top 25%' of each result and the 6 RUMA Dairy Sector 2020 Targets. Please discuss this analysis with						
Yield per Cow litres	10,377	10,867	7,980							
Cell Count '000	147	147	167	your vet.						
Antimicrobial Use & RUMA Targets	Last Year	This Year	Group Av.	Top 25%	2020 Target Antibiotic Use - the form in which antibiotics are administered					
1) Critically important injectables (mg/kg PCU)	1.259	0.128	0.560	0.000	0.538					
2) Critically important intra-mammary - DCDVet**	1.197	0.000	0.172	0.000						
3) Dry cow tubes - DCDVet**	0.563	0.326	0.479	0.106	0.674					
4) Lactating cow tubes - DCDVet**	1.357	0.486	0.813	0.198	0.727					
5) Sealant tube usage (courses/cow)	0.72	0.49	0.61	1.03	0.70					
6) Total antimicrobial usage (mg/kg PCU*)	19.8	18.7	21.4	6.9	0.166 0.674 0.727 0.70 21.0 14 12 10 10 10 10 10 10 10 10 10 10					
DDDVet **	6.54	3.22	4.87	1.64						
DCDVet ***	2.60	1.35	1.94	0.86	Dry Cow Tubes Lactating Cow Injectable Other Tubes ■Last Year ■This Year ■Group					
Total Antimicrobial Use Summary				Comp	parison to Other Producers by Total Antimicrobial Use					
Last Year 19.8				ر مال	Your herd ranks at position 73 out of 138 producers.					
10.0					Tour hera ranks at position 75 out of 155 producers.					
This Year 18.7				6 0 60						
Group Av. 21.4				imi % 40						
0 5 10 15	20	25	30	Your herd ranks at position 73 out of 138 producers. Your herd ranks at position 73 out of 138 producers.						
Antimicrobial Use (mg/kg PCU)		2020 Targ								
Breakdown by Antimicrobial Class - year	on year com	parison		Dry C	Cow Therapy - antibiotic and teat sealant tubes per cow					
Aminoglycosides										
Penicillins				Last Year	2.3					
Cephalosporins 1st Gen				This Vac						
Sulfonamides Tetracyclines				This Year	1.3 2.0					
Other				Group	2.0 2.8					
Macrolides				·						
Cephalosporins 3rd/4th Gen				(0.0 1.0 2.0 3.0 4.0 5.0 6.0					
Fluoroquinolones	0.0	0.0	40.0	Kingshay can a	Dry Cow Tubes per Cow ■ Antibiotics ■ Teat Sealant accept no responsibility for the information supplied to it. Every care will be taken by Kingshay to					
0.0 2.0 4.0 Antimicrobial Use (mg/kg PC		8.0	10.0	produce an accurate report but it does not accept any liability for any loss (whether direct or consequential) arising						
Antimicropial USE (mg/kg PC)	<i>∪)</i> ■La	ast Year 🔳	This Year	non any delect	ct in the report. Printed: 10/09/18					

Vet: Tom Smith

Kingshay HEALTH MANAGER

ANTIMICROBIAL REPORT

July-18

Products Purchased (A to Z Order)	Total Usage Umg/kg) DDDVet ** DCDVet courses Classes of Antimicrobial within per 100 product cows *		Classes of Antimicrobial within Product	Antimicrobial Pro Year on year compa A180				robials u	sed			
Cepravin DC	240 tubes	0.77		0.326		Cephalosporins 1st Gen	Betamox					
Eficur	200 ml	0.13	0.128	0.032	3	Cephalosporins 3rd/4th Gen	Betamox LA					
Metricure	15 tubes	0.10	0.082	0.041	4	Cephalosporins 1st Gen	Ceporex					
Multiject	168 tubes	0.56	0.913	0.304	30	Penicillins, Aminoglycosides	Cepravin DC					
Norodine 24	1,700 ml	5.22	0.401	0.145	14	Sulfonamides	Cobactan MC					
Permacyl	252 ml	0.59	0.049	0.015	2	Penicillins	Combiclav Inj					
Synulox Inj	4,400 ml	7.88	0.949	0.272	27	Penicillins	Draxxin					
Terramycin Aerosol	16 cans	0.82				Tetracyclines	Eficur					
Tylan 200	800 ml	2.05	0.157	0.035	3	Macrolides	Forcyl					
•	100 tubes	0.42	0.543	0.181	18	Cephalosporins 1st Gen, Aminoglycosides	Metricure					
	100 ml	0.19		01.01	. •	Macrolides	Multiject					
Zactran	100 1111	0.15					Norodine 24					
							Orbenin Eye Ointment					
							Penstrep					
							Permacyl					
							Synulox Inj					
							Terramycin Aerosol					
							Tetra-Delta					
							Tylan 200			_		
							Ubrolexin					
							Ultrapen LA					
							Zactran					
							0.0	00 2.0	0 4.00	6.00	8.00	10.0
								Antimicrobials (mg/kg)				
Total 523 Tube	s 7,452 ml	18.71	3.223	1.351	102			m La	ast Year	_	This Yea	r

Products which include critically important antimicrobials are highlighted in red. Macrolides are also restricted within some milk contracts.

Please note: This report is based on Medicine purchases NOT on farm usage.

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