

DAIRY ANTIMICROBIAL REPORT



Name: Joe Brown

Vet: Tom Smith

This report is based on antimicrobial products purchased in the year ending March 2019

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, as it will support your written annual livestock health and performance review, being a requirement of the Red Tractor Assurance Dairy Standards.

On the report, the group includes comparable herds from assessments carried out by Kingshay. **Critically Important Antimicrobials** are highlighted in red. **Macrolides** are highlighted in brown, as these are considered to be of next importance.

Please note: This report is based on Medicine purchases NOT on farm usage. All calculations are based on products licenced for use in ruminants.

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.

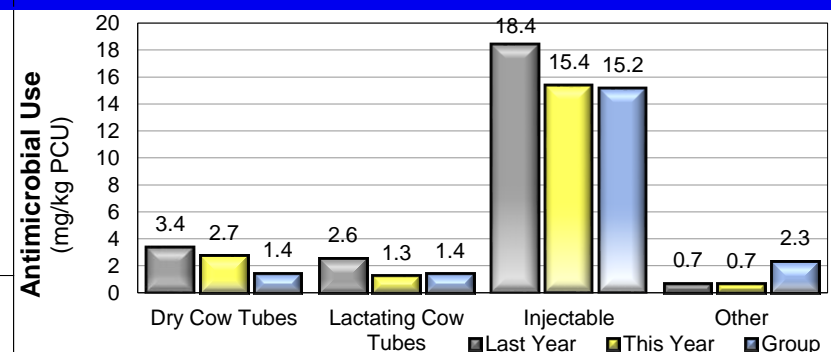
** **DDDVet** (Defined Daily Dose) - Average number of standard courses per cow per year, taking into account dose rate and treatment duration.

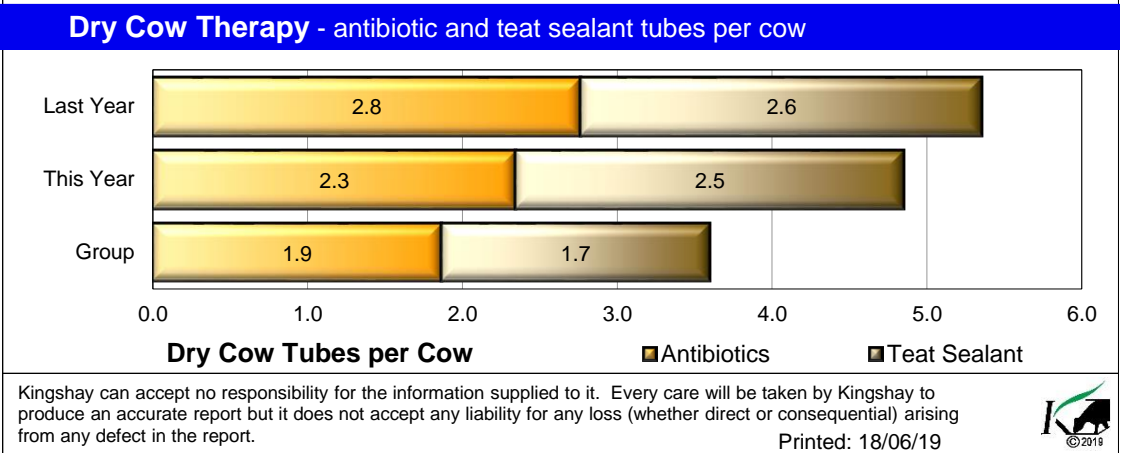
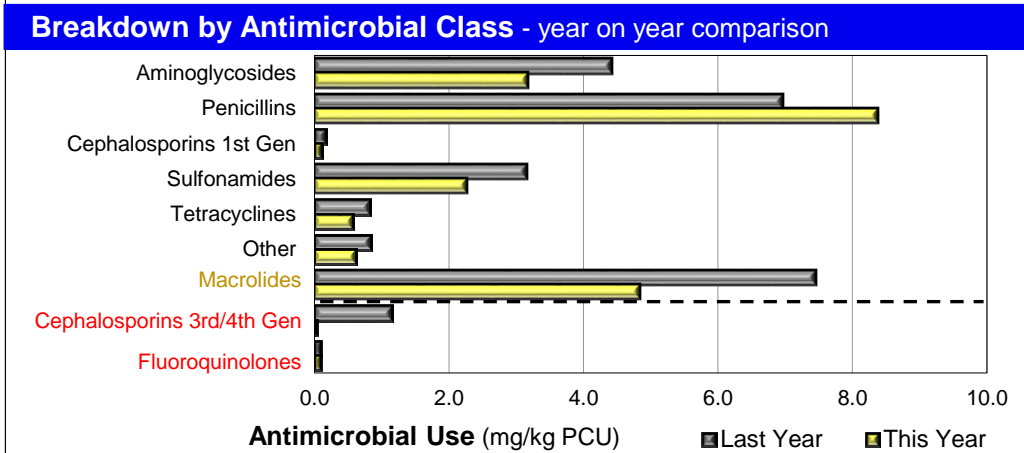
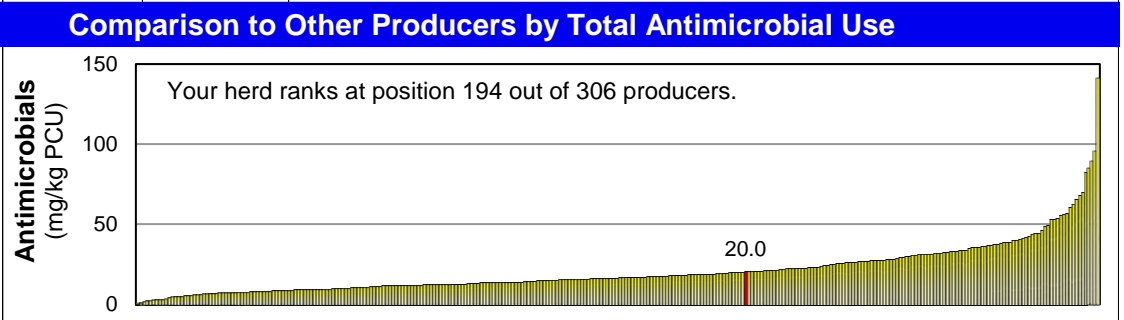
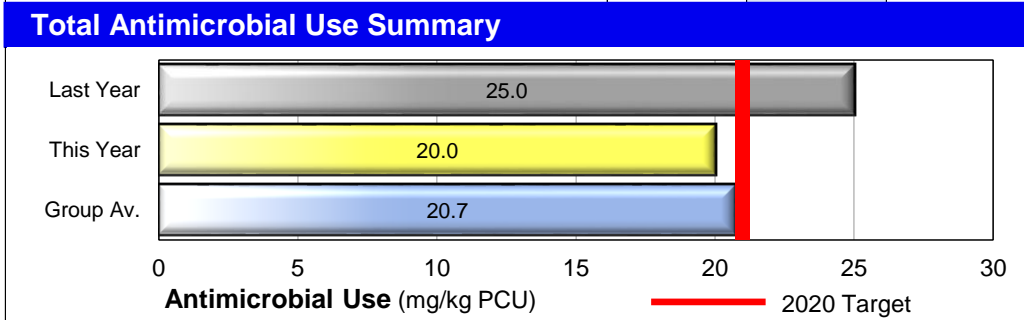
*** **DCDVet** (Defined Course Dose) - Average dose per treatment course, taking into account daily dose rate & course length.

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March-19

Herd Performance	Last Year	This Year	Group	Antimicrobial Use & RUMA Targets		
Herd Size	463	478	213	Last Year	This Year	Group Av.
Yield per Cow litres	10,867	10,647	7,609	Top 25%	2020 Target	Antibiotic Use - the form in which antibiotics are administered
Cell Count '000	147	152	157	<p>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. The group includes comparable herds from assessments carried out by Kingshay. Please discuss this analysis with your vet.</p>		
1) Critically important injectables (mg/kg PCU)	1.235	0.113	0.473	0.000	0.480	
2) Critically important intra-mammary - DCDVet***	0.000	0.000	0.122	0.000	0.166	
3) Dry cow tubes - DCDVet***	0.691	0.586	0.465	0.082	0.586	
4) Lactating cow tubes - DCDVet***	1.081	0.519	0.757	0.164	0.727	
5) Sealant tube usage (courses/cow)	0.65	0.63	0.43	0.90	0.70	
6) Total antimicrobial usage (mg/kg PCU*)	25.0	20.0	20.7	7.3	21.0	
DDDvet **	6.21	3.56	4.52	1.49		
DCDVet ***	2.58	1.70	1.85	0.78		

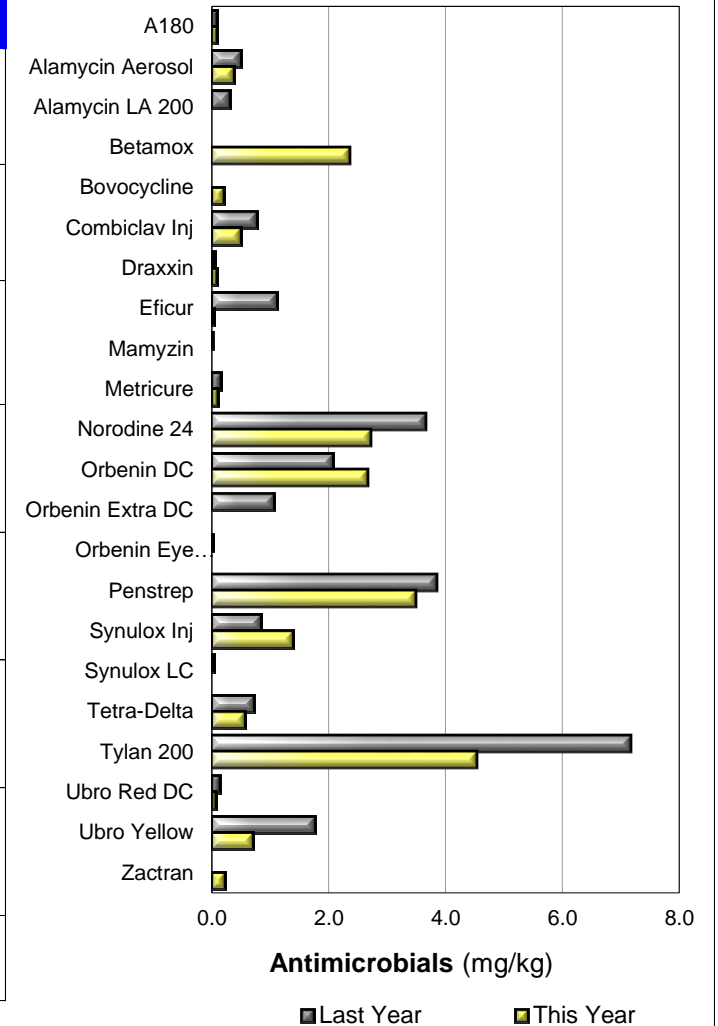


Antimicrobial Products Purchased in Year Ending March 2019

Products Purchased (A to Z Order)	Total Purchased	Total Usage (mg/kg)	DDDVet **	DCDVet ***	Typical courses per 100 cows *	Classes of Antimicrobial within Product
A180	100 ml	0.09	0.047	0.017	2	Fluoroquinolone
Alamycin Aerosol	15 cans	0.37				Tetracycline
Betamox	3,200 ml	2.36	0.285	0.081	8	Penicillin
Bovocycline	20 Pessaries	0.20	0.197	0.098	10	Tetracycline
Combiclav Inj	700 ml	0.48	0.058	0.017	2	Penicillin
Draxxin	170 ml	0.08	0.279	0.033	3	Macrolide
Eficur	100 ml	0.02	0.025	0.006	1	Cephalosporins 3rd Gen
Metricure	40 tubes	0.10	0.084	0.042	4	Cephalosporins 1st Gen
Norodine 24	2,300 ml	2.72	0.344	0.118	12	Anisole, Sulfonamide
Orbenin DC	1,080 tubes	2.66		0.565	56	Penicillin
Penstrep	1,900 ml	3.48	0.183	0.068	7	Aminoglycoside, Penicillin
Synulox Inj	2,000 ml	1.38	0.166	0.048	5	Penicillin
Tetra-Delta	312 tubes	0.56	0.653	0.218	22	Aminoglycoside, Aminocoumarin, Penicillins
Tylan 200	4,600 ml	4.53	0.348	0.077	8	Macrolide
Ubro Red DC	40 tubes	0.07		0.021	2	Aminoglycoside, Penicillins
Ubro Yellow	432 tubes	0.70	0.904	0.301	30	Aminoglycoside, Penicillins
Zactran	300 ml	0.22				Macrolide (DDDVet & DCDVet not available)
Total	1,904 Tubes 15,370 ml	20.02	3.572	1.711	171	

Antimicrobial Products Purchased

Year on year comparison of amounts of antimicrobials used



Products which include 'critically important antimicrobials' are highlighted in red. Macrolides are highlighted in brown.

* Based on product datasheet usage

Please note: This report is based on Medicine purchases NOT on farm usage. Kingshay can accept no responsibility for the information supplied to it. Every care will be taken by Kingshay to produce an accurate report but it does not accept any liability for any loss (whether direct or consequential) arising from any defect in the report.

