

# BEEF ANTIMICROBIAL REPORT



Name: Joe Brown

Vet: Tom Smith

Vet Practice:

**This report is based on antimicrobial products purchased in the year ending October 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.

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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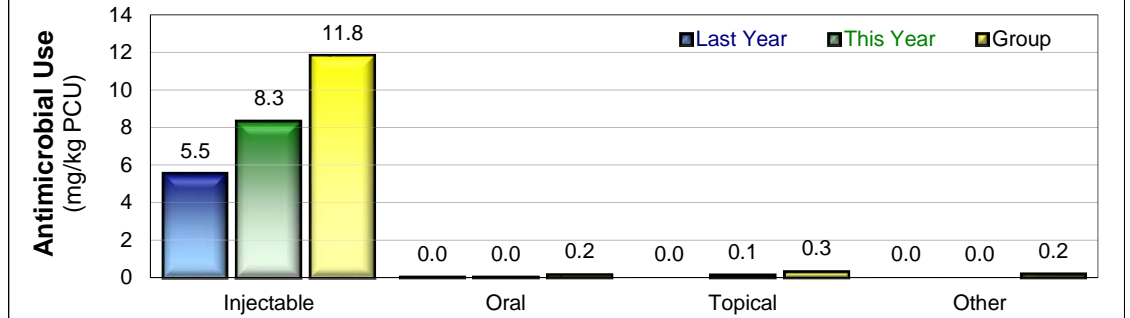
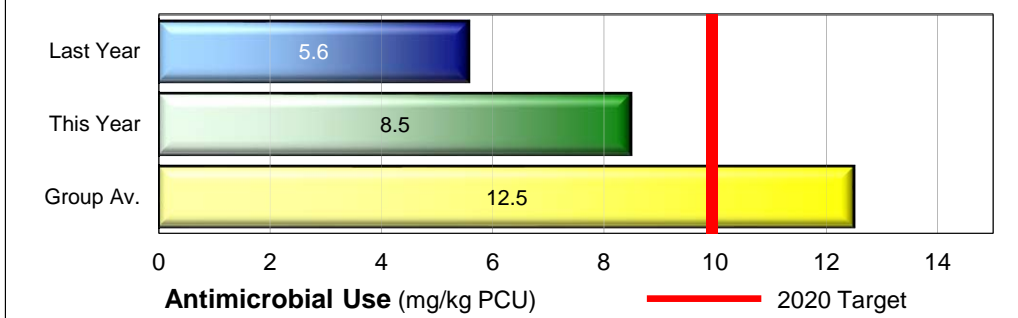
October-18

Number of Cattle	Last Year	This Year	Group	Number of Sheep	Last Year	This Year	Group
Suckler cows & breeding bulls	65	71	58	Breeding ewes			19
Rearing & breeding cattle sold	0	0	7	Lambs sold			31
Finished cattle sold	250	438	218	Cull ewes & rams sold			6

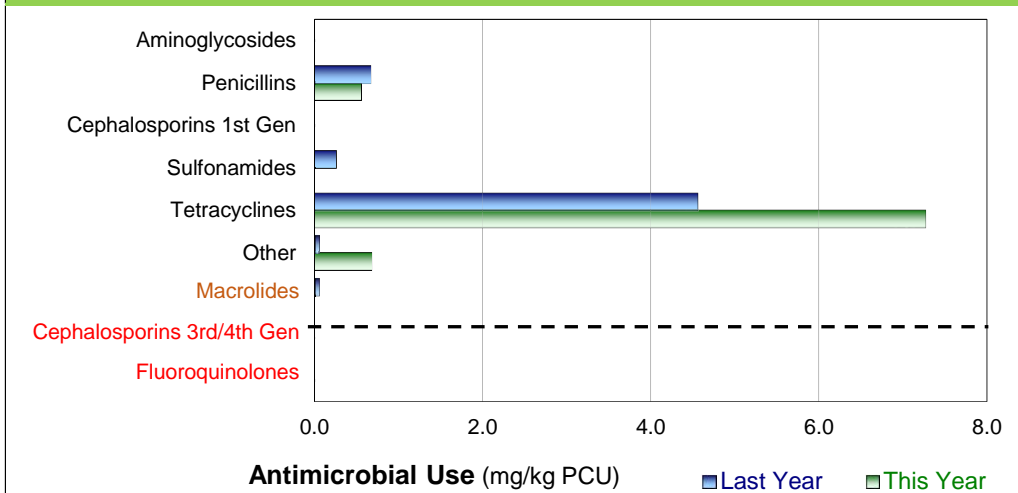
Antimicrobial Use & RUMA Targets	Last Year	This Year	Group Av.	Top 25%	2020 Target
<b>Total antimicrobial usage (mg/kg PCU*)</b>	<b>5.6</b>	<b>8.5</b>	<b>12.5</b>	<b>4.2</b>	<b>10.0</b>
Critically important antimicrobials (mg/kg PCU*)	0.000	0.000	0.059	0.000	
DDDVet **	0.99	1.21	1.79	0.52	
DCDVet ***	0.25	0.34	0.51	0.15	

A year on year summary of your antimicrobial use is shown compared to the group average, the 'Top 25%' of each result and the RUMA Beef Sector 2020 Targets. The group includes comparable herds from assessments carried out by Kingshay. Please discuss this analysis with your vet.

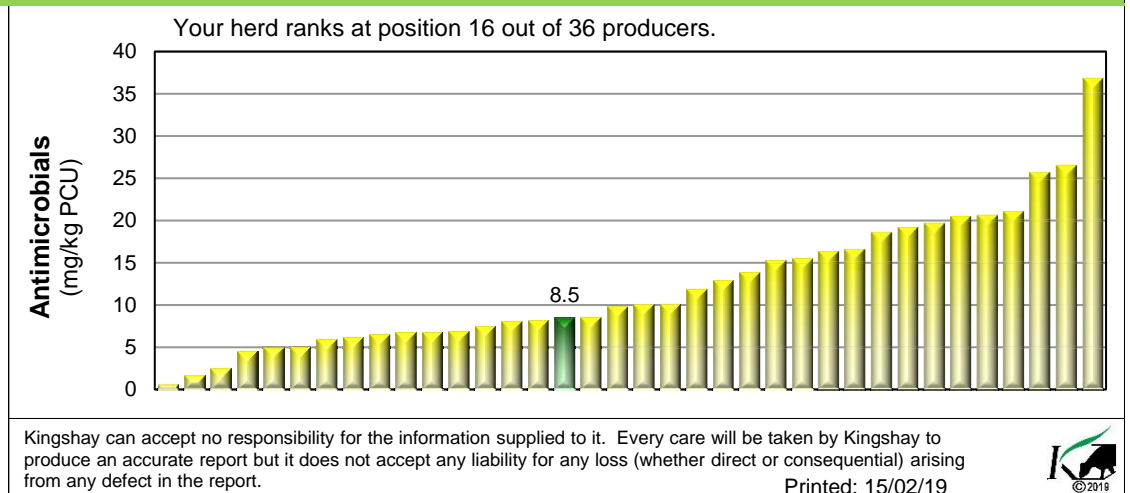
**Total Antimicrobial Use Summary** **Antibiotic Use - the form in which antibiotics are administered**



**Breakdown by Antimicrobial Class - year on year comparison**



**Comparison to Other Producers by Total Antimicrobial Use**



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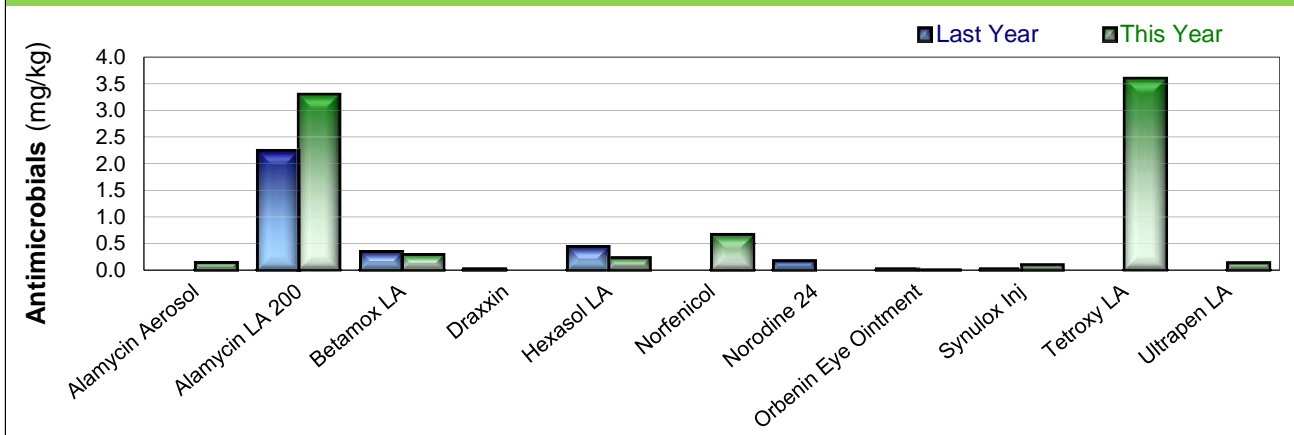
Vet: Tom Smith

October-18

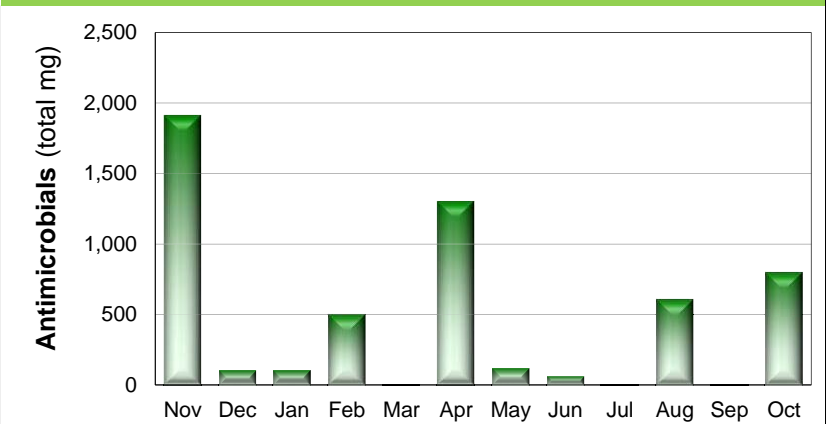
**Antimicrobial Products Purchased in Year Ending October 2018**

Products Purchased (A to Z Order)	Total Purchased	Method Administered	Total Usage (mg/kg)	DDD <sub>Vet</sub> **	DCD <sub>Vet</sub> ***	Classes of Antimicrobial within Product	Amount Purchased by Month (ml or g)												
							Nov 17	Dec 17	Jan 18	Feb 18	Mar 18	Apr 18	May 18	Jun 18	Jul 18	Aug 18	Sep 18	Oct 18	
Alamycin Aerosol	4 cans	Topical	0.15			Tetracycline	10										10		
Alamycin LA 200	2,200 ml	Injectable	3.30	0.507	0.143	Tetracycline	1,700				400		100						
Betamox LA	265 ml	Injectable	0.30	0.036	0.010	Penicillin					100			100	65				
Hexasol LA	100 ml	Injectable	0.22	0.035	0.010	Tetracycline							100						
Norfenicol	300 ml	Injectable	0.67	0.052	0.017	Amphenicol	200						100						
Orbenin Eye Ointment	3 tubes	Oral	0.01			Penicillin								18					
Synulox Inj	100 ml	Injectable	0.10	0.013	0.004	Penicillin		100											
Tetroxy LA	2,400 ml	Injectable	3.60	0.553	0.156	Tetracycline							1,000					600	800
Ultrapen LA	100 ml	Injectable	0.14	0.011	0.003	Penicillin			100										
<b>Total</b>	<b>5,465 ml</b>		<b>8.49</b>	<b>1.206</b>	<b>0.343</b>		1,910	100	100	500			1,300	118	65		610		800

**Antimicrobial Products Purchased - Year on year comparison of amounts of antimicrobials used**



**Total Amount Purchased by Month**



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.

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