

**An Evaluation of Quebracho  
(*Schinopsis quebracho-colorado*)  
Tannin  
for the Treatment of Sheep  
Gastrointestinal Parasites**

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# *Animals*

- ❑ Forty Blackface cross and Cheviot cross store lambs (mean live weight  $34.3 \pm 2.67\text{kg}$  (S.D)).
- ❑ Brought inside one week before the experiment
- ❑ Ranked by live weight, allocated to 8 replicates of 5 animals by ranking, and to one of five treatments within each replicate at random. (Day-0)

# ***Treatments*** (8 lambs per treatment)

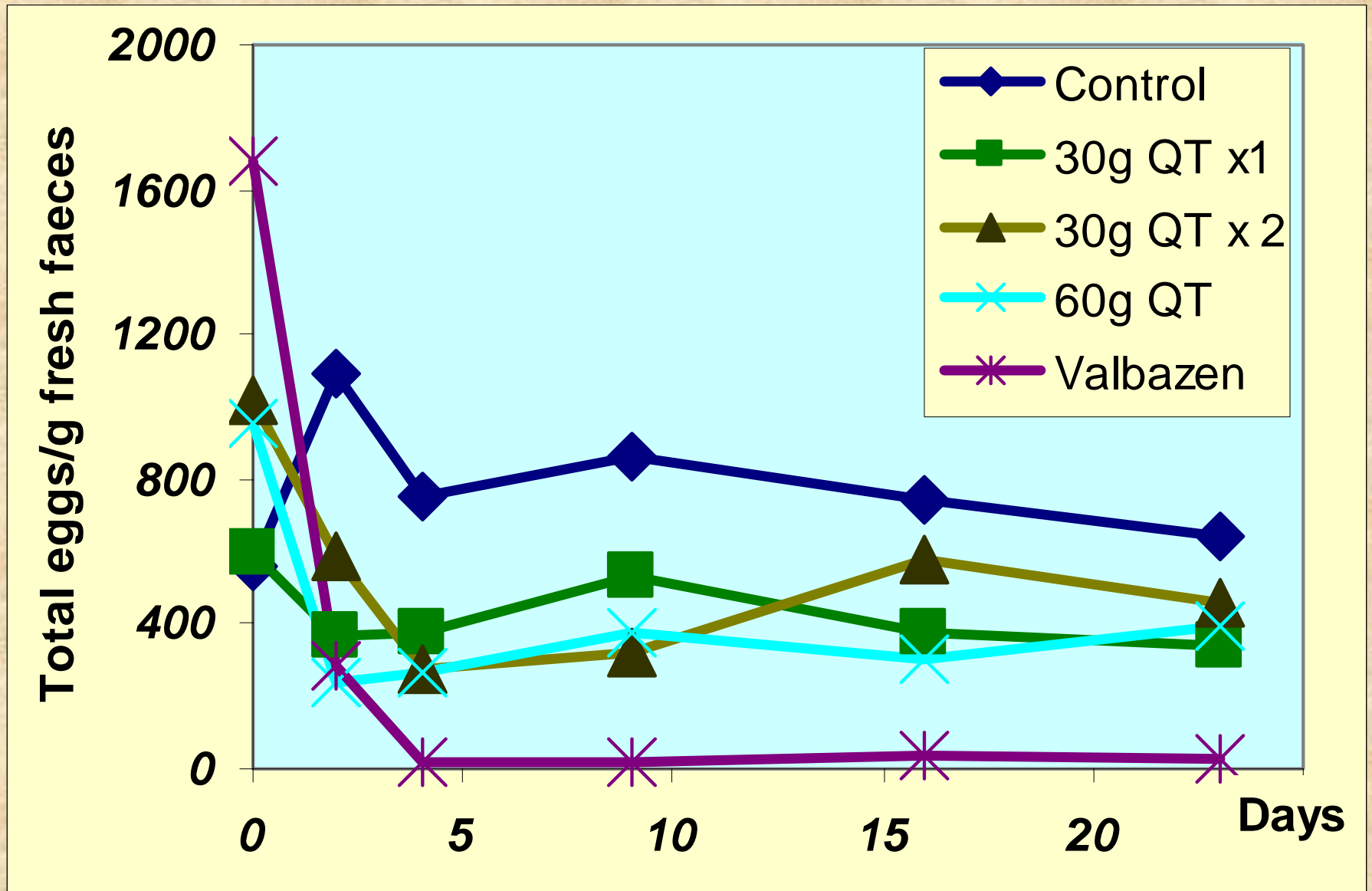
- 1) Control
- 2) 30g tannin once (Day-1)
- 3) 30g tannin twice (Day-1 & Day-3)
- 4) 60g tannin once (Day-1)
- 5) Valbazen wormer (Day-1)  
(containing Albendazole, Pfizer Ltd.)

# Results 1

## *Live weights and growth of lambs treated with Quebracho tannins or a conventional (Valbazen) wormer (n=8)*

	<i>Control</i>	<i>30g QT once</i>	<i>30g QT twice</i>	<i>60g QT once</i>	<i>Valbazen wormer</i>	<i>SEM</i>
<i>Initial weight (kg) (a)</i>	<b>31.4</b>	<b>31.1</b>	<b>31.6</b>	<b>32.7</b>	<b>31.4</b>	<b>1.58</b>
<i>Finishing weight (kg) (b)</i>	<b>32.3</b>	<b>31.8</b>	<b>32.8</b>	<b>34.2</b>	<b>33.4</b>	<b>1.22</b>
<i>Liveweight gain (kg) (b-a)</i>	<b>0.9</b>	<b>0.7</b>	<b>1.2</b>	<b>1.5</b>	<b>2.0</b>	<b>0.59</b>

## Results 2. Total eggs/g fresh faeces (n=6)



# ***Conclusions***

Quebracho tannins could be effective  
for the treatment of intestinal  
parasites

Further work is needed on the dose  
and dosing regimens in commercial  
situations.