



139-Day Revalor[®]-XS vs. Revalor-S in Feedyard Steers

Trial protocol consisted of:

- Colorado trial location
- 1,358 head of cattle in 10 pens of approximately 70 head per pen
- Revalor[®]-S (trenbolone acetate and estradiol) and Revalor-XS given on day 1 of trial
- No difference in mortality or morbidity

Table 1. Feedyard performance of steers implanted with Revalor-S compared to steers implanted with Revalor-XS.

Item	Revalor-XS	Revalor-S	<i>p</i> -value
Carcass adjusted basis ^{a,b}			
Pens	10	10	
Steers	681	677	
Initial BW, lb	860	856	0.20
Final BW, lb	1373	1361	0.02
DMI, lb/d	20.93	21.02	0.57
ADG, lb/d	3.69	3.63	0.01
F:G	5.69	5.81	0.01
Live basis ^c			
Final BW, lb	1372	1362	0.20
ADG, lb/d	3.68	3.64	0.22
F:G	5.71	5.80	0.05

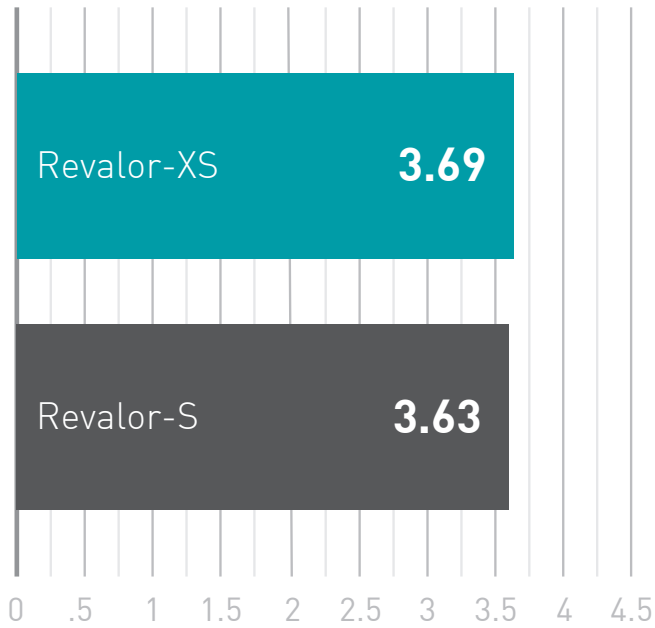
View Chart

^a Final BW is shrunk 4%

^b Overall carcass performance calculated using treatment HCW/treatment dressing percent.

^c Overall live performance calculated from live BW on a pen basis collected prior to study initiation and on day of slaughter

ADG



F:G

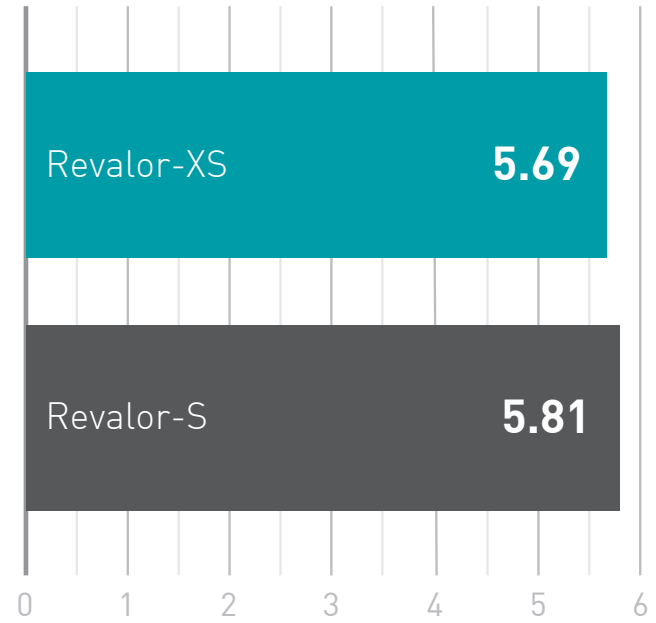


Table 2. Carcass characteristics of steers implanted with Revalor-S on day 1 followed by Revalor-S on day 46 compared to steers implanted with Revalor-XS or Revalor-S on day 1.

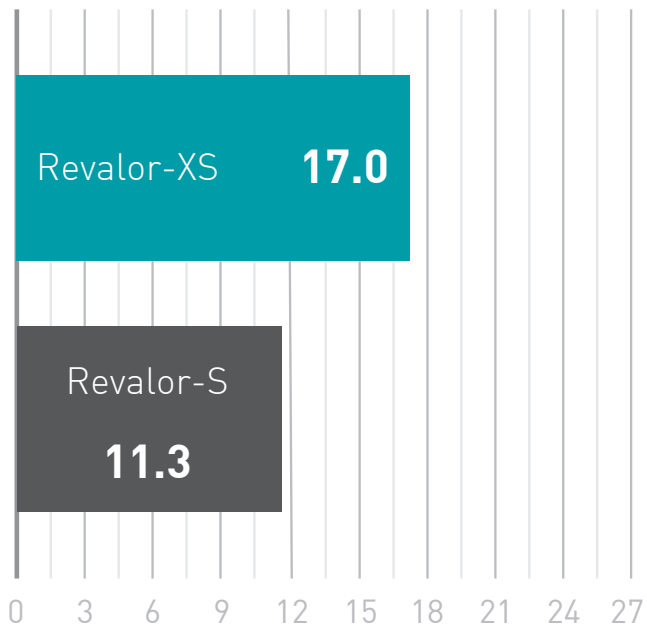
Item	Revalor-XS	Revalor-S	p-value
Carcass characteristics			
Hot carcass weight, lb	875	867	0.02
Dressing percent	63.78	63.65	0.32
Marbling score ^a	423	407	0.03
USDA Quality Grade, as percentage of total			
Prime/Upper Choice	17.0	11.3	0.002
Choice and Prime	60.8	51.3	0.01
Select	37.9	47.4	0.002
Standard	1.3	1.3	0.99
USDA Yield Grade, as percentage of total			
YG 1	5.4	5.1	0.88
YG 2	36.1	32.0	0.11
YG 3	42.8	47.0	0.14
YG 4+5	15.7	15.9	0.97



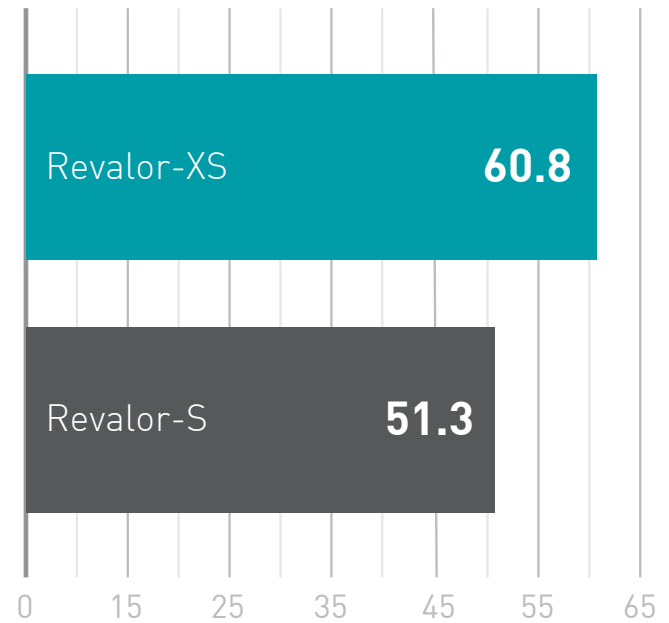
Chart 2

^a 300=slight⁰; 400=small⁰

Prime/Upper Choice



Choice and Prime



Summary

Revalor-XS demonstrated significant differences in carcass adjusted performance for final weight, average daily gain and feed efficiency as well as hot carcass weight in comparison to Revalor-S. Revalor-XS outperformed Revalor-S in feed efficiency on a live basis. Revalor-XS had more carcasses grade Prime+Choice and Upper 2/3 Choice and Prime than a single Revalor-S. This improvement in grade also was exhibited in the marbling score where Revalor-XS significantly improved marbling score in comparison to Revalor-S.

Conclusion

Revalor-XS was superior to a traditional single implant program of Revalor-S in steers fed for 139 days. This indicates that this new technology starts to separate itself in terms of economic performance at about 139 days.

A withdrawal period has not been established for Revalor in pre-ruminating calves. Do not use in calves to be processed for veal. For complete information, refer to product label.

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