

**131-Day Revalor<sup>®</sup>-XS vs.  
Revalor-S vs. Revalor-IS  
Re-implanted with Revalor-S**

### **Trial protocol consisted of:**

- Study conducted in Texas
- 5,996 head of cattle, 30 pens of approximately 200 head per pen
- Revalor<sup>®</sup>-S (trenbolone acetate and estradiol), Revalor-IS and Revalor-XS given on day 1 of trial
- Revalor-S re-implanted on day 46
- Revalor-XS and single Revalor-S cattle were not removed from their pens on day 46
- No vaccine boosters were given

**Table 1.** Performance of steers implanted with Revalor-IS 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-IS/ Revalor-S	Revalor-S	p-value
<b>Carcass adjusted basis<sup>a,b</sup></b>				
Pens	10	10	10	
Steers	1,990	2,003	2,003	
Initial BW, lb	860	862	861	0.37
Final BW, lb	1312	1319	1313	0.35
Total gain	453	457	451	0.47
DMI, lb/d	20.82	20.85	20.46	0.43
ADG, lb/d	3.45	3.48	3.43	0.45
F:G	6.05	6.00	5.97	0.75
<b>Live basis<sup>c</sup></b>				
Final BW, lb	1313	1318	1314	0.44
Total gain	454	456	452	0.62
ADG, lb/d	3.45	3.47	3.44	0.60
F:G	6.04	6.02	5.96	0.76

<sup>a</sup> Final BW is shrunk 4%

<sup>b</sup> Overall carcass performance calculated using 64.52% dressing percentage for both treatments

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

**Table 2.** Carcass characteristics of steers implanted with Revalor-IS 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-IS/ Revalor-S	Revalor-S	p-value
<b>Carcass characteristics</b>				
Hot carcass weight, lb	822	826	822	0.35
Dressing percent	62.60	62.71	62.61	0.59
<b>USDA Quality Grade, as percentage of total</b>				
Prime	0.9	0.6	0.9	0.43
Choice	56.0 <sup>a</sup>	49.7 <sup>b</sup>	55.7 <sup>a</sup>	0.02 <a href="#">View Chart</a>
Select	41.3 <sup>a</sup>	46.2 <sup>b</sup>	40.8 <sup>a</sup>	0.08
Standard	1.9	3.6	2.5	0.19
<b>USDA Yield Grade, as percentage of total</b>				
YG 1	15.8 <sup>b</sup>	18.8 <sup>a</sup>	14.9 <sup>b</sup>	0.07
YG 2	47.5 <sup>a</sup>	49.3 <sup>a</sup>	42.0 <sup>b</sup>	0.03 <a href="#">View Chart</a>
YG 3	33.2 <sup>a</sup>	29.0 <sup>a</sup>	39.1 <sup>b</sup>	0.01
YG 4	3.3	3.0	3.8	0.44
YG 5	0.2	0.1	0.2	0.51

<sup>a,b</sup> Treatment means are significantly different (p<0.10).

## USDA Quality Grade, as percentage of total

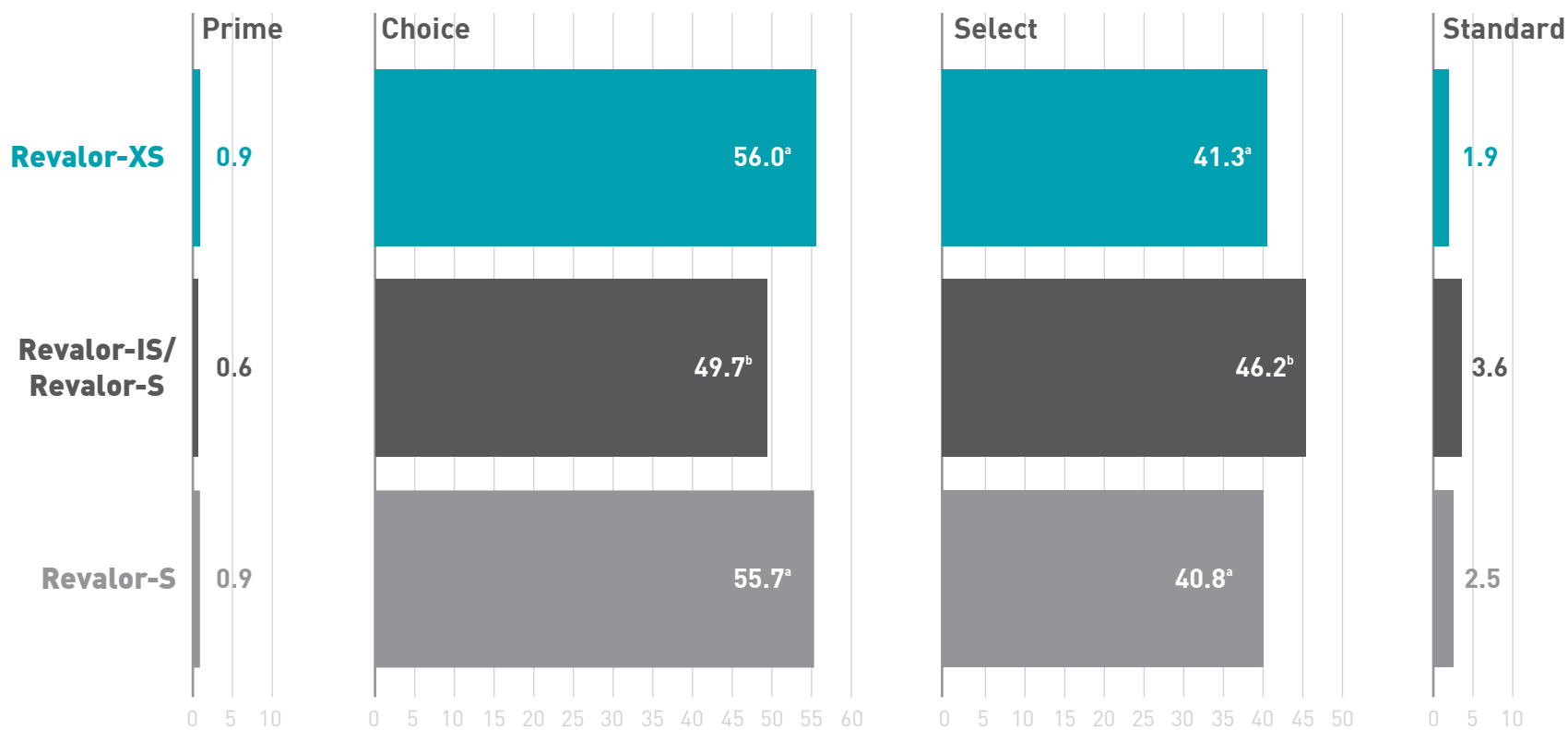
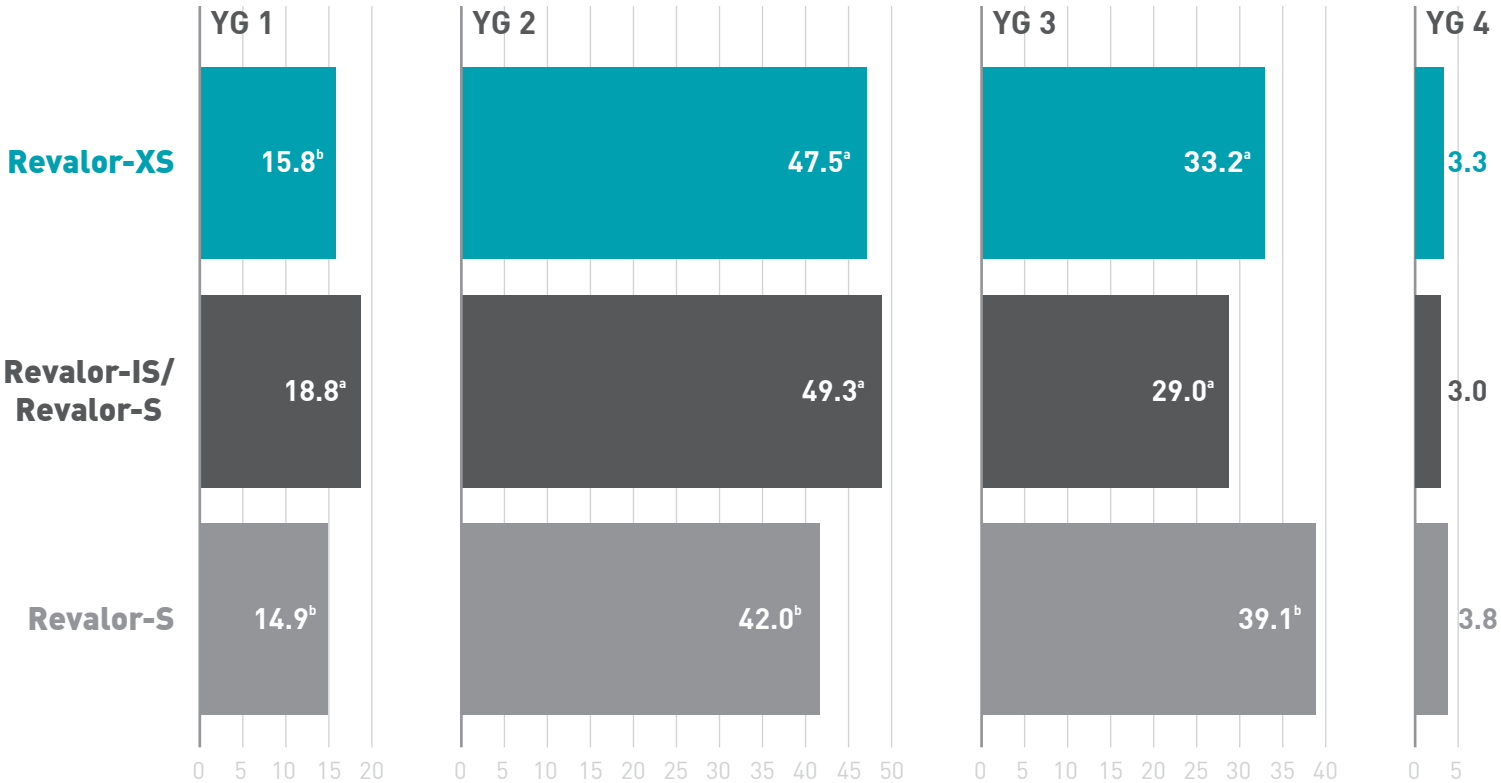


Table 2

Yield Grade Chart

### USDA Yield Grade, as percentage of total



## Summary

There were no differences among the three implant treatments for any of the performance parameters. Revalor-XS was not different from Revalor-IS/Revalor-S in performance. Revalor-XS and Revalor-S had more carcasses grade Choice than Revalor-IS/Revalor-S. Revalor-XS and Revalor-IS/Revalor-S had greater YG1 + YG2 and fewer YG3 than a single Revalor-S.

## Conclusion

Revalor-XS was equal in performance and had greater carcasses grading Choice than a traditional implant/re-implant program of Revalor-IS/Revalor-S in steers fed for 131 days.

A withdrawal period has not been established for Revalor products 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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