



**204-Day Revalor[®]-XS vs. Revalor-IS
Re-implanted with
Revalor-200 or Revalor-S**

Trial protocol consisted of:

- Nebraska trial location
- Weaned steer calves, 1,339 head of cattle, 18 pens of approximately 75 head per pen
- Revalor[®]-IS (trenbolone acetate and estradiol) and Revalor-XS given on day 1 of trial
- Revalor-200 or Revalor-S re-implanted on day 90
- No vaccine boosters were given

Table 1. Performance of steers implanted with Revalor-IS on day 1 followed by Revalor-200 or Revalor-S on day 90 compared to steers implanted with Revalor-XS.

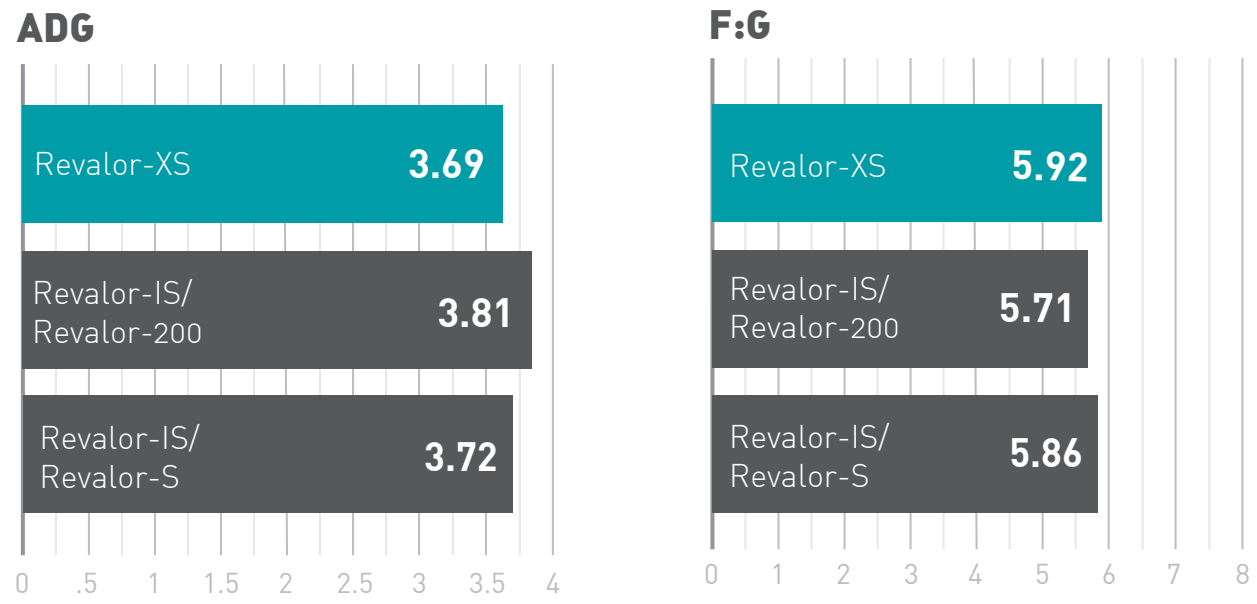
Item	Revalor-XS	Revalor-IS/ Revalor-200	Revalor-IS/ Revalor-S	p-value
Pens	6	6	6	-
Steers	447	446	446	-
Days on feed	204	204	204	-
Initial BW, lb	626	631	624	0.25
Live basis				
Final BW, lb ^a	1380 ^b	1406 ^c	1386 ^b	0.03
DMI, lb/d	21.8	21.8	21.8	0.94
ADG, lb/d	3.70 ^b	3.80 ^c	3.73 ^{bc}	0.03
F:G	5.90 ^b	5.73 ^c	5.85 ^{bc}	0.03
Carcass basis				
Final BW, lb ^d	1378 ^b	1410 ^c	1385 ^b	0.02
ADG, lb/d	3.69 ^b	3.81 ^c	3.72 ^b	0.02
F:G	5.92 ^b	5.71 ^c	5.86 ^b	0.01

^a 4% pencil shrink was applied to full weight.

^{b,c} Treatments means are significantly different (P<.05).

^d Final adjusted shrunk weight adjusted to an average overall dressing percent of trial.

View Chart



Data displayed on carcass adjusted basis

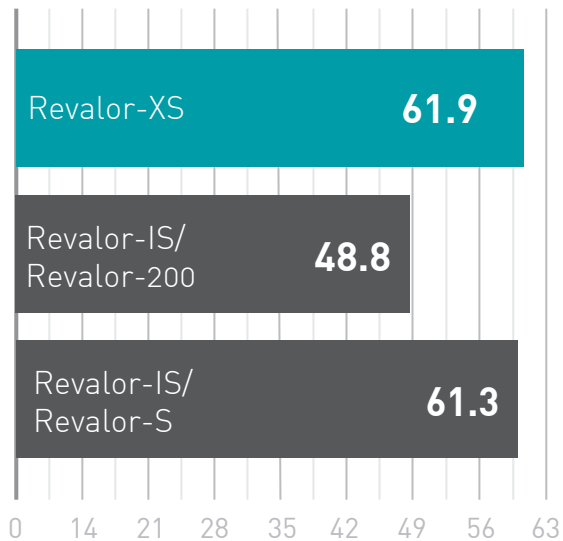
Table 2. Carcass characteristics of steers implanted with either Revalor-IS on day 1 followed Revalor 200 or Revalor-S on day 90 compared to steers implanted with Revalor-XS.

Item	Revalor-XS	Revalor-IS/ Revalor-200	Revalor-IS/ Revalor-S	p-value
Pens	6	6	6	-
Steers	447	446	446	-
Hot carcass weight	917 ^a	938 ^b	922 ^c	0.02
Dressing percent	66.4	66.7	66.5	0.61
Ribeye area, sq. in.	15.4 ^a	16.0 ^b	15.5 ^a	0.01
Marbling score ^c	423 ^a	400 ^b	412 ^{ab}	0.01
Rib fat, in.	0.57	0.54	0.58	0.10
Average YG	2.8	2.7	2.9	0.10
USDA Quality Grade, as a percentage of total				
Prime	0.90	0	0.90	0.20
CAB	7.7	4.1	6.7	0.10
Total Choice	61.9 ^a	48.8 ^b	61.3 ^a	0.01
Select	35.6 ^a	47.8 ^b	36.4 ^a	0.01
Standard	1.6 ^a	3.4 ^b	1.4 ^a	0.04
USDA Yield Grade, as a percentage of total				
YG 1	16.6	25.3	19.4	0.09
YG 2	41.2	41.2	36.4	0.57
YG 3	36.8	26.1	35.6	0.07
YG 4	4.7	6.9	8.3	0.39
YG 5	0.70	0.50	0.20	0.24

^{a,b}Treatments means are significantly different (P <0.05).

^c Slight = 300 to 390, Small = 400 to 490, etc.

Total Choice



Summary

Dry matter intake was not altered by treatment. There were no differences between Revalor-IS/Revalor-S compared to Revalor-XS for any performance or carcass traits. Feed efficiency, average daily gain and final weight on either a live or carcass basis were improved improved ($P < 0.03$) when steers were implanted with Revalor-IS followed by Revalor-200 compared to Revalor-IS/Revalor-S or Revalor-XS. Weaned steer calves, implanted with Revalor-IS/Revalor-200 had greater HCW and ribeye area, lower marbling score, fewer Choice and more Select and Standard carcasses when compared to calves implanted with either Revalor-XS or Revalor-S implant programs.

Conclusion

Implanting weaned steer calves with Revalor-XS results in similar growth performance and carcass characteristics as steers implanted with the combination of Revalor-IS and Revalor-S over 204 days on feed. Aggressively implanting weaned steer calves with the combination of Revalor -IS and Revalor-200 resulted in greater weight gains, improved feed efficiencies, lower marbling scores and fewer USDA Choice or greater carcasses.

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.

