

Summary of the Iowa Pasture to Plate Program: 1994-98

Several steer tests are held annually across the state of Iowa demonstrating benefits and risks of retained ownership of home-raised calves. These tests annually submit their results for inclusion in the Pasture to Plate Honor Roll. From 1994 through 1998 over 4500 head of steers and heifers have been centrally gain tested and then harvested for carcass data collection.

Table 1 shows the quality and yield grade distribution of these cattle. A national goal is to achieve 70% Low Choice or better and 70% Yield Grade 1 and 2. As seen in table 1, this set of cattle is approaching 80% Yield Grade 1 and 2 with over 60% Low Choice and better. However, during the last few years the Pasture to Plate cattle are doing better. As shown in tables 4 and 5, in 1998 the cattle made over 80% Yield Grade 1 and 2 while achieving 72% Low Choice or better! Harvest weights (see table 3) appear to be trending downward and gains appear to be stable or slightly down. 1999 data will help show whether the 1998 gain data is a trend or just due to weather or environment.

Achieving acceptable Quality Grade is primarily a function of marbling in the ribeye muscle. It does appear that acceptable quality grade is more difficult to achieve with better yield grades (see table 6). Cattle that qualify for Yield Grade 2A had 55% make low Choice and better while Yield Grade 1 cattle were under 40%. Whether this is a function of inadequate finish or exceptionally high degrees of muscle needs further analysis, but tables 7 and 8 are provided for viewing.

Of the 4552 head 2939 had breed of sire information. Sire breed averages are shown in table 9 and Quality and Yield Grade distribution tables for each breed follow table 9.

Table 1. Quality and Yield Grade Distribution Analysis, 1994-98.

Yield Grade	Up 2/3 Ch		Up 2/3 Ch		Choice-	Select	Standard & Off Grades	Totals
	Prime	CAB	NonBlack					
1	0.0%	0.0%	0.6%	6.7%	10.7%	1.9%	19.9%	
2	0.6%	0.0%	4.8%	30.6%	21.0%	0.8%	57.9%	
3	0.4%	0.0%	3.4%	12.5%	4.6%	0.1%	21.0%	
4	0.0%	0.0%	0.3%	0.6%	0.1%	0.0%	1.1%	
5	0.0%	0.0%	0.0%	0.1%	0.0%	0.0%	0.1%	
Totals	1.1%	0.0%	9.1%	50.6%	36.5%	2.7%	100.0%	

Table 2. Carcass Trait Distribution Analysis, 1994-98.

Hot Carcass			Rib Eye			Fat Cover		
Weight	Number	Percent	Area	Number	Percent	Number	Percent	
<600	241	5.3%	<11	465	10.2%	<.1"	10	0.2%
601/649	539	11.8%	11-11.9	1066	23.4%	.1"- .19"	353	7.8%
650/699	1022	22.5%	12-12.9	1439	31.6%	.2"- .29"	1009	22.2%
700/749	1116	24.5%	13-13.9	713	15.7%	.3"- .39"	1310	28.8%
750/799	896	19.7%	14-14.9	561	12.3%	.4"- .49"	1014	22.3%
800/849	502	11.0%	15-15.9	241	5.3%	.5"- .59"	509	11.2%
850/899	188	4.1%	16-16.9	47	1.0%	.6"- .69"	218	4.8%
900/949	42	0.9%	17-17.9	18	0.4%	.7"- .79"	90	2.0%
>950	6	0.1%	>18	2	0.0%	>.8"	39	0.9%
Totals	4552	100%	Totals	4552	100%	Totals	4552	100%

Table 3. Pasture to Plate Harvest Weight and ADG, 1994-98.

Year	Number of Cattle	Harvest Weight	Average Daily Gain
1994	450	1263	3.45
1995	560	1248	3.40
1996	1125	1180	3.26
1997	1008	1160	3.20
1998	1409	1183	2.80
All Years	4552	1193	3.14

Table 4. Pasture to Plate Carcass Yield Grade Performance, 1994-98.

Year	Number of Cattle	% Yield Grade 1	% Yield Grade 2	% Yield Grade 3	% Yield Grade 4 & 5
1994	450	27.8%	56.0%	15.8%	0.4%
1995	560	19.3%	58.0%	22.0%	0.7%
1996	1125	18.8%	57.9%	22.4%	0.9%
1997	1008	17.6%	56.0%	24.3%	2.1%
1998	1409	20.4%	59.8%	18.6%	1.2%
All Years	4552	19.9%	57.9%	21.0%	1.2%

Table 5. Pasture to Plate Carcass Quality Grade Performance, 1994-98.

Year	Number of Cattle	% Prime	% Upper 2/3s Choice	% Choice-	% Select	% Standard
1994	450	0.7%	0.2%	49.3%	49.8%	0.0%
1995	560	0.5%	1.8%	58.0%	38.8%	0.9%
1996	1125	0.2%	5.0%	40.1%	50.1%	4.6%
1997	1008	1.0%	12.5%	54.0%	30.7%	1.9%
1998	1409	2.3%	15.5%	54.0%	24.7%	3.5%
All Years	4552	1.1%	9.1%	50.6%	36.5%	2.7%

Table 6. Relationship of Calculated Yield Grade with Quality Grade

YG Label	Pr	Upper 2/3 Choice	Ch-	Sel	Std	Grand Total
<=1.49	0.0%	3.0%	25.8%	55.3%	15.9%	264
1.5-1.99	0.3%	3.0%	37.9%	52.2%	6.7%	671
2.0-2.49	1.0%	5.8%	48.3%	42.9%	2.0%	1330
2.5-2.99	1.2%	10.9%	57.7%	29.6%	0.6%	1285
3.0-3.49	1.2%	14.4%	59.9%	24.3%	0.3%	695
3.5-3.99	3.6%	20.6%	59.1%	16.3%	0.4%	252
>=4.0	3.6%	27.3%	58.2%	10.9%	0.0%	55
	1.1%	9.1%	50.6%	36.5%	2.7%	4552

Table 7. Relationship of REA / Cwt of Carcass Weight with Quality Grade

REA/Cwt Grouping	Pr	Upper 2/3 Choice	Ch-	Sel	Std	Grand Total
<=1.49	2.8%	14.6%	63.8%	18.1%	0.7%	287
1.5-1.59	1.3%	11.6%	57.6%	29.3%	0.2%	604
1.6-1.69	1.1%	11.7%	54.8%	31.8%	0.6%	931
1.7-1.79	1.0%	10.2%	49.2%	37.6%	2.1%	1021
1.8-1.89	1.2%	5.8%	49.2%	40.3%	3.6%	866
1.9-1.99	0.6%	4.8%	44.1%	45.1%	5.4%	479
2.0-2.09	0.4%	4.5%	33.6%	54.3%	7.2%	223
>=2.1	0.0%	2.8%	34.0%	47.5%	15.6%	141
	1.1%	9.1%	50.6%	36.5%	2.7%	4552

Table 8. Relationship of Fat Thickness with Quality Grade

Fat Cover Range	Pr	Upper 2/3 Choice	Ch-	Sel	Std	Grand Total
<=.19	0.3%	1.9%	27.3%	55.9%	14.6%	363
.2-.29	0.6%	5.8%	40.8%	48.5%	4.3%	1009
.3-.39	1.1%	7.1%	52.7%	37.6%	1.5%	1310
.4-.49	1.1%	9.5%	58.2%	30.4%	0.9%	1014
.5-.59	1.6%	15.5%	61.5%	21.4%	0.0%	509
.6-.69	1.8%	20.2%	57.8%	19.7%	0.5%	218
>=.7	3.9%	26.4%	56.6%	13.2%	0.0%	129
	1.1%	9.1%	50.6%	36.5%	2.7%	4552

Table 9. Pasture to Plate Sire Breed Averages

Sire Breed	Number of Cattle	Average Daily Gain	Hot Carcass Weight	Ribeye Area	13th Rib Fat Cover	USDA Yield Grade	Prime	Upper 2/3 Choice	Choice-	Select	Standard
Angus	1180	3.15	701	12.1	0.41	2.76	2.2%	13.7%	61.8%	21.5%	0.8%
Red Angus	132	3.14	729	12.2	0.36	2.66	0.0%	7.6%	55.3%	34.1%	3.0%
Barzona	84	3.04	662	11.5	0.40	2.77	0.0%	6.0%	59.5%	34.5%	0.0%
Chianina	13	3.00	747	13.5	0.30	2.17	0.0%	7.7%	38.5%	53.8%	0.0%
Charolais	525	3.05	715	12.8	0.30	2.28	0.0%	4.6%	44.2%	48.0%	3.2%
Gelbvieh	165	3.17	732	13.1	0.27	2.15	0.0%	3.0%	35.2%	54.5%	7.3%
Hereford	139	3.04	667	11.5	0.39	2.78	0.0%	3.6%	55.4%	38.1%	2.9%
Limousin	49	3.16	741	13.1	0.31	2.29	0.0%	0.0%	36.7%	63.3%	0.0%
Maine Anjou	95	2.94	734	12.9	0.32	2.38	2.1%	6.3%	42.1%	46.3%	3.2%
RX3	88	2.91	705	12.0	0.31	2.52	0.0%	2.3%	58.0%	37.5%	2.3%
Salers	52	3.33	751	13.0	0.34	2.47	0.0%	0.0%	40.4%	53.8%	5.8%
Shorthorn	47	3.15	709	12.3	0.27	2.30	0.0%	0.0%	34.0%	59.6%	6.4%
Simmental	370	3.27	751	13.3	0.30	2.24	0.5%	3.5%	37.3%	51.6%	7.0%
Overall Average	2939	3.12	713	12.5	0.35	2.53	1.0%	8.3%	51.4%	36.5%	2.8%

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Angus Quality & Yield Grade Distribution Analysis							
Yield Grade	Prime	Up 2/3 Ch		Choice-	Select	Standard & Off Grades	Totals
		CAB	NonBlack				
1	0.1%	0.0%	0.5%	4.1%	3.2%	0.1%	8.0%
2	1.4%	0.0%	8.3%	35.4%	13.7%	0.7%	59.5%
3	0.8%	0.0%	4.4%	21.0%	4.4%	0.0%	30.6%
4	0.0%	0.0%	0.5%	1.1%	0.2%	0.0%	1.8%
5	0.0%	0.0%	0.0%	0.2%	0.0%	0.0%	0.2%
Totals	2.2%	0.0%	13.7%	61.8%	21.5%	0.8%	100.0%

Angus Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat Cover		
Weight	Number	Percent	Area	Number	Percent	Number	Percent	Percent
<600	77	6.5%	<11	176	14.9%	<.1"	0	0.0%
601/649	190	16.1%	11-11.9	371	31.4%	.1"-.19"	23	1.9%
650/699	336	28.5%	12-12.9	416	35.3%	.2"-.29"	144	12.2%
700/749	307	26.0%	13-13.9	118	10.0%	.3"-.39"	324	27.5%
750/799	177	15.0%	14-14.9	67	5.7%	.4"-.49"	347	29.4%
800/849	60	5.1%	15-15.9	23	1.9%	.5"-.59"	206	17.5%
850/899	21	1.8%	16-16.9	6	0.5%	.6"-.69"	87	7.4%
900/949	12	1.0%	17-17.9	3	0.3%	.7"-.79"	32	2.7%
>950	0	0.0%	>18	0	0.0%	>.8"	17	1.4%
Totals	1180	100%	Totals	1180	100%	Totals	1180	100%
Count	1180		Count	1180		Count	1180	
Sum	826678		Sum	14267		Sum	482.3	
Average	700.6		Average	12.1		Average	0.41	

Charolais Quality & Yield Grade Distribution Analysis							
Yield Grade	Prime	Up 2/3 Ch		Choice-	Select	Standard & Off Grades	Totals
		CAB	NonBlack				
1	0.0%	0.0%	1.3%	8.0%	17.7%	2.1%	29.1%
2	0.0%	0.0%	2.7%	30.9%	27.4%	1.1%	62.1%
3	0.0%	0.0%	0.6%	5.3%	2.7%	0.0%	8.6%
4	0.0%	0.0%	0.0%	0.0%	0.2%	0.0%	0.2%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	4.6%	44.2%	48.0%	3.2%	100.0%

Charolais Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat Cover		
Weight	Number	Percent	Area	Number	Percent	Number	Percent	Percent
<600	32	6.1%	<11	40	7.6%	<.1"	0	0.0%
601/649	73	13.9%	11-11.9	92	17.5%	.1"-.19"	68	13.0%
650/699	122	23.2%	12-12.9	187	35.6%	.2"-.29"	153	29.1%
700/749	125	23.8%	13-13.9	93	17.7%	.3"-.39"	163	31.0%
750/799	95	18.1%	14-14.9	67	12.8%	.4"-.49"	107	20.4%
800/849	54	10.3%	15-15.9	35	6.7%	.5"-.59"	25	4.8%
850/899	18	3.4%	16-16.9	7	1.3%	.6"-.69"	5	1.0%
900/949	5	1.0%	17-17.9	4	0.8%	.7"-.79"	4	0.8%
>950	1	0.2%	>18	0	0.0%	>.8"	0	0.0%
Totals	525	100%	Totals	525	100%	Totals	525	100%
Count	525		Count	525		Count	525	
Sum	375535		Sum	6728		Sum	159.2	
Average	715.3		Average	12.8		Average	0.30	

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Barzona Quality & Yield Grade Distribution Analysis							
Yield Grade	Prime	Up 2/3 Ch		Choice-	Select	Standard & Off Grades	Totals
		CAB	NonBlack				
1	0.0%	0.0%	0.0%	1.2%	4.8%	0.0%	6.0%
2	0.0%	0.0%	0.0%	39.3%	23.8%	0.0%	63.1%
3	0.0%	0.0%	6.0%	17.9%	6.0%	0.0%	29.8%
4	0.0%	0.0%	0.0%	1.2%	0.0%	0.0%	1.2%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	6.0%	59.5%	34.5%	0.0%	100.0%

Barzona Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat Cover		
Weight	Number	Percent	Area	Number	Percent	Number	Percent	Percent
<600	11	13.1%	<11	21	25.0%	<.1"	0	0.0%
601/649	19	22.6%	11-11.9	38	45.2%	.1"-.19"	0	0.0%
650/699	34	40.5%	12-12.9	21	25.0%	.2"-.29"	11	13.1%
700/749	16	19.0%	13-13.9	2	2.4%	.3"-.39"	25	29.8%
750/799	4	4.8%	14-14.9	2	2.4%	.4"-.49"	28	33.3%
800/849	0	0.0%	15-15.9	0	0.0%	.5"-.59"	12	14.3%
850/899	0	0.0%	16-16.9	0	0.0%	.6"-.69"	4	4.8%
900/949	0	0.0%	17-17.9	0	0.0%	.7"-.79"	4	4.8%
>950	0	0.0%	>18	0	0.0%	>.8"	0	0.0%
Totals	84	100%	Totals	84	100%	Totals	84	100%
Count	84		Count	84		Count	84	
Sum	55605		Sum	968		Sum	33.5	
Average	662.0		Average	11.5		Average	0.40	

Gelbvieh Quality & Yield Grade Distribution Analysis							
Yield Grade	Prime	Up 2/3 Ch		Choice-	Select	Standard & Off Grades	Totals
		CAB	NonBlack				
1	0.0%	0.0%	0.0%	5.5%	26.7%	6.1%	38.2%
2	0.0%	0.0%	2.4%	25.5%	24.8%	1.2%	53.9%
3	0.0%	0.0%	0.6%	3.6%	3.0%	0.0%	7.3%
4	0.0%	0.0%	0.0%	0.6%	0.0%	0.0%	0.6%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	3.0%	35.2%	54.5%	7.3%	100.0%

Gelbvieh Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat Cover		
Weight	Number	Percent	Area	Number	Percent	Number	Percent	Percent
<600	6	3.6%	<11	3	1.8%	<.1"	1	0.6%
601/649	16	9.7%	11-11.9	32	19.4%	.1"-.19"	26	15.8%
650/699	33	20.0%	12-12.9	55	33.3%	.2"-.29"	67	40.6%
700/749	41	24.8%	13-13.9	28	17.0%	.3"-.39"	49	29.7%
750/799	36	21.8%	14-14.9	28	17.0%	.4"-.49"	16	9.7%
800/849	21	12.7%	15-15.9	16	9.7%	.5"-.59"	1	0.6%
850/899	12	7.3%	16-16.9	2	1.2%	.6"-.69"	3	1.8%
900/949	0	0.0%	17-17.9	1	0.6%	.7"-.79"	2	1.2%
>950	0	0.0%	>18	0	0.0%	>.8"	0	0.0%
Totals	165	100%	Totals	165	100%	Totals	165	100%
Count	165		Count	165		Count	165	
Sum	120713		Sum	2162		Sum	45.1	
Average	731.6		Average	13.1		Average	0.27	

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Hereford Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch		Up 2/3 Ch		Standard & Off Grades		Totals
	Prime	CAB	NonBlack	Choice-	Select	Off Grades	
1	0.0%	0.0%	0.0%	3.6%	2.9%	2.2%	8.6%
2	0.0%	0.0%	0.0%	31.7%	26.6%	0.0%	58.3%
3	0.0%	0.0%	3.6%	16.5%	8.6%	0.7%	29.5%
4	0.0%	0.0%	0.0%	3.6%	0.0%	0.0%	3.6%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	3.6%	55.4%	38.1%	2.9%	100.0%

Hereford Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	25	18.0%	<11	35	25.2%	<.1"	0	0.0%
601/649	26	18.7%	11-11.9	52	37.4%	.1"-.19"	4	2.9%
650/699	49	35.3%	12-12.9	44	31.7%	.2"-.29"	25	18.0%
700/749	26	18.7%	13-13.9	5	3.6%	.3"-.39"	44	31.7%
750/799	10	7.2%	14-14.9	3	2.2%	.4"-.49"	34	24.5%
800/849	3	2.2%	15-15.9	0	0.0%	.5"-.59"	12	8.6%
850/899	0	0.0%	16-16.9	0	0.0%	.6"-.69"	13	9.4%
900/949	0	0.0%	17-17.9	0	0.0%	.7"-.79"	3	2.2%
>950	0	0.0%	>18	0	0.0%	>.8"	4	2.9%
Totals	139	100%	Totals	139	100%	Totals	139	100%
Count	139		Count	139		Count	139	
Sum	92769		Sum	1592		Sum	54.7	
Average	667.4		Average	11.5		Average	0.39	

Limousin Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch		Up 2/3 Ch		Standard & Off Grades		Totals
	Prime	CAB	NonBlack	Choice-	Select	Off Grades	
1	0.0%	0.0%	0.0%	2.0%	24.5%	0.0%	26.5%
2	0.0%	0.0%	0.0%	32.7%	32.7%	0.0%	65.3%
3	0.0%	0.0%	0.0%	2.0%	6.1%	0.0%	8.2%
4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	0.0%	36.7%	63.3%	0.0%	100.0%

Limousin Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	1	2.0%	<11	0	0.0%	<.1"	0	0.0%
601/649	1	2.0%	11-11.9	7	14.3%	.1"-.19"	5	10.2%
650/699	10	20.4%	12-12.9	16	32.7%	.2"-.29"	12	24.5%
700/749	14	28.6%	13-13.9	12	24.5%	.3"-.39"	22	44.9%
750/799	13	26.5%	14-14.9	11	22.4%	.4"-.49"	7	14.3%
800/849	10	20.4%	15-15.9	3	6.1%	.5"-.59"	3	6.1%
850/899	0	0.0%	16-16.9	0	0.0%	.6"-.69"	0	0.0%
900/949	0	0.0%	17-17.9	0	0.0%	.7"-.79"	0	0.0%
>950	0	0.0%	>18	0	0.0%	>.8"	0	0.0%
Totals	49	100%	Totals	49	100%	Totals	49	100%
Count	49		Count	49		Count	49	
Sum	36326		Sum	642		Sum	15.0	
Average	741.3		Average	13.1		Average	0.31	

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Maine Anjou Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch		Up 2/3 Ch		Standard & Off Grades		Totals
	Prime	CAB	NonBlack	Choice-	Select	Off Grades	
1	1.1%	0.0%	0.0%	3.2%	15.8%	2.1%	22.1%
2	1.1%	0.0%	4.2%	29.5%	27.4%	1.1%	63.2%
3	0.0%	0.0%	2.1%	9.5%	3.2%	0.0%	14.7%
4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	2.1%	0.0%	6.3%	42.1%	46.3%	3.2%	100.0%

Maine Anjou Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	6	6.3%	<11	8	8.4%	<.1"	0	0.0%
601/649	1	1.1%	11-11.9	14	14.7%	.1"- .29"	31	32.6%
650/699	23	24.2%	12-12.9	31	32.6%	.3"- .39"	26	27.4%
700/749	27	28.4%	13-13.9	17	17.9%	.4"- .49"	20	21.1%
750/799	24	25.3%	14-14.9	16	16.8%	.5"- .59"	10	10.5%
800/849	7	7.4%	15-15.9	9	9.5%	.6"- .69"	1	1.1%
850/899	6	6.3%	16-16.9	0	0.0%	.7"- .79"	0	0.0%
900/949	1	1.1%	17-17.9	0	0.0%	>.8"	1	1.1%
>950	0	0.0%	>18	0	0.0%			
Totals	95	100%	Totals	95	100%	Totals	95	100%
Count	95		Count	95		Count	95	
Sum	69765		Sum	1225		Sum	30.7	
Average	734.4		Average	12.9		Average	0.32	

Red Angus Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch		Up 2/3 Ch		Standard & Off Grades		Totals
	Prime	CAB	NonBlack	Choice-	Select	Off Grades	
1	0.0%	0.0%	0.8%	3.8%	3.0%	1.5%	9.1%
2	0.0%	0.0%	3.8%	29.5%	25.0%	1.5%	59.8%
3	0.0%	0.0%	3.0%	21.2%	5.3%	0.0%	29.5%
4	0.0%	0.0%	0.0%	0.8%	0.8%	0.0%	1.5%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	7.6%	55.3%	34.1%	3.0%	100.0%

Red Angus Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	2	1.5%	<11	22	16.7%	<.1"	0	0.0%
601/649	19	14.4%	11-11.9	41	31.1%	.1"- .29"	7	5.3%
650/699	25	18.9%	12-12.9	35	26.5%	.2"- .39"	25	18.9%
700/749	31	23.5%	13-13.9	15	11.4%	.3"- .49"	42	31.8%
750/799	34	25.8%	14-14.9	15	11.4%	.4"- .59"	35	26.5%
800/849	20	15.2%	15-15.9	3	2.3%	.5"- .69"	15	11.4%
850/899	1	0.8%	16-16.9	1	0.8%	.6"- .79"	5	3.8%
900/949	0	0.0%	17-17.9	0	0.0%	.7"- .8"	3	2.3%
>950	0	0.0%	>18	0	0.0%	>.8"	0	0.0%
Totals	132	100%	Totals	132	100%	Totals	132	100%
Count	132		Count	132		Count	132	
Sum	96225		Sum	1614		Sum	47.3	
Average	729.0		Average	12.2		Average	0.36	

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RX3 Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch			Up 2/3 Ch		Standard & Off Grades	Totals
	Prime	CAB	NonBlack	Choice-	Select		
1	0.0%	0.0%	0.0%	4.5%	1.1%	0.0%	5.7%
2	0.0%	0.0%	2.3%	46.6%	29.5%	2.3%	80.7%
3	0.0%	0.0%	0.0%	6.8%	6.8%	0.0%	13.6%
4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	2.3%	58.0%	37.5%	2.3%	100.0%

RX3 Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	3	3.4%	<11	12	13.6%	<.1"	0	0.0%
601/649	14	15.9%	11-11.9	31	35.2%	.1"- .29"	4	4.5%
650/699	21	23.9%	12-12.9	33	37.5%	.2"- .39"	24	27.3%
700/749	35	39.8%	13-13.9	11	12.5%	.3"- .49"	43	48.9%
750/799	12	13.6%	14-14.9	1	1.1%	.4"- .59"	10	11.4%
800/849	3	3.4%	15-15.9	0	0.0%	.5"- .69"	7	8.0%
850/899	0	0.0%	16-16.9	0	0.0%	.6"- .79"	0	0.0%
900/949	0	0.0%	17-17.9	0	0.0%	.7"- .79"	0	0.0%
>950	0	0.0%	>18	0	0.0%	>.8"	0	0.0%
Totals	88	100%	Totals	88	100%	Totals	88	100%
Count	88		Count	88		Count	88	
Sum	61998		Sum	1052		Sum	27.6	
Average	704.5		Average	12.0		Average	0.31	

Salers Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch			Up 2/3 Ch		Standard & Off Grades	Totals
	Prime	CAB	NonBlack	Choice-	Select		
1	0.0%	0.0%	0.0%	9.6%	5.8%	1.9%	17.3%
2	0.0%	0.0%	0.0%	19.2%	40.4%	3.8%	63.5%
3	0.0%	0.0%	0.0%	11.5%	7.7%	0.0%	19.2%
4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	0.0%	40.4%	53.8%	5.8%	100.0%

Salers Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	0	0.0%	<11	3	5.8%	<.1"	0	0.0%
601/649	3	5.8%	11-11.9	7	13.5%	.1"- .29"	1	1.9%
650/699	6	11.5%	12-12.9	15	28.8%	.2"- .39"	15	28.8%
700/749	16	30.8%	13-13.9	15	28.8%	.3"- .49"	20	38.5%
750/799	14	26.9%	14-14.9	5	9.6%	.4"- .59"	10	19.2%
800/849	10	19.2%	15-15.9	7	13.5%	.5"- .69"	4	7.7%
850/899	3	5.8%	16-16.9	0	0.0%	.6"- .79"	2	3.8%
900/949	0	0.0%	17-17.9	0	0.0%	.7"- .79"	0	0.0%
>950	0	0.0%	>18	0	0.0%	>.8"	0	0.0%
Totals	52	100%	Totals	52	100%	Totals	52	100%
Count	52		Count	52		Count	52	
Sum	39069		Sum	678		Sum	17.5	
Average	751.3		Average	13.0		Average	0.34	

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Shorthorn Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch			Up 2/3 Ch		Standard & Off Grades	Totals
	Prime	CAB	NonBlack	Choice-	Select		
1	0.0%	0.0%	0.0%	8.5%	17.0%	2.1%	27.7%
2	0.0%	0.0%	0.0%	21.3%	36.2%	4.3%	61.7%
3	0.0%	0.0%	0.0%	4.3%	6.4%	0.0%	10.6%
4	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.0%	0.0%	0.0%	34.0%	59.6%	6.4%	100.0%

Shorthorn Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	2	4.3%	<11	5	10.6%	<.1"	0	0.0%
601/649	6	12.8%	11-11.9	10	21.3%	.1"- .29"	10	21.3%
650/699	12	25.5%	12-12.9	19	40.4%	.3"- .39"	15	31.9%
700/749	14	29.8%	13-13.9	8	17.0%	.4"- .49"	3	6.4%
750/799	9	19.1%	14-14.9	4	8.5%	.5"- .59"	4	8.5%
800/849	4	8.5%	15-15.9	1	2.1%	.6"- .69"	0	0.0%
850/899	0	0.0%	16-16.9	0	0.0%	.7"- .79"	0	0.0%
900/949	0	0.0%	17-17.9	0	0.0%	>.8"	0	0.0%
>950	0	0.0%	>18	0	0.0%			
Totals	47	100%	Totals	47	100%	Totals	47	100%
Count	47		Count	47		Count	47	
Sum	33344		Sum	580		Sum	12.6	
Average	709.4		Average	12.3		Average	0.27	

Simmental Quality & Yield Grade Distribution Analysis							
Yield Grade	Up 2/3 Ch			Up 2/3 Ch		Standard & Off Grades	Totals
	Prime	CAB	NonBlack	Choice-	Select		
1	0.0%	0.0%	0.0%	6.5%	20.0%	6.5%	33.0%
2	0.5%	0.0%	1.9%	24.9%	28.1%	0.5%	55.9%
3	0.0%	0.0%	1.1%	5.9%	3.5%	0.0%	10.5%
4	0.0%	0.0%	0.5%	0.0%	0.0%	0.0%	0.5%
5	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Totals	0.5%	0.0%	3.5%	37.3%	51.6%	7.0%	100.0%

Simmental Carcass Trait Distribution Analysis								
Hot Carcass			Rib Eye			Fat		
Weight	Number	Percent	Area	Number	Percent	Cover	Number	Percent
<600	9	2.4%	<11	8	2.2%	<.1"	5	1.4%
601/649	21	5.7%	11-11.9	45	12.2%	.1"- .29"	46	12.4%
650/699	60	16.2%	12-12.9	108	29.2%	.2"- .29"	112	30.3%
700/749	88	23.8%	13-13.9	82	22.2%	.3"- .39"	113	30.5%
750/799	90	24.3%	14-14.9	87	23.5%	.4"- .49"	60	16.2%
800/849	74	20.0%	15-15.9	37	10.0%	.5"- .59"	24	6.5%
850/899	25	6.8%	16-16.9	3	0.8%	.6"- .69"	8	2.2%
900/949	3	0.8%	17-17.9	0	0.0%	.7"- .79"	1	0.3%
>950	0	0.0%	>18	0	0.0%	>.8"	1	0.3%
Totals	370	100%	Totals	370	100%	Totals	370	100%
Count	370		Count	370		Count	370	
Sum	277770		Sum	4916		Sum	109.2	
Average	750.7		Average	13.3		Average	0.30	

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