

2019 Niobrara County Swine Ultrasound Carcass Contest

Rank	Participant Name	Tag #	Final Wt	Calc. Carcass		Backfat,			USDA Grade	Muscle in		% Muscle in
				Weight	Dress %	in.	LEA, sq. in.	LEA/CWT		Market Hog, lb	DQ	
	Kylie Strauch	741	220	161	0.73	0.404	7.417	3.370	Top U.S. #1	98.6		61.4%
	Michael Comstock	725	240	175	0.73	0.403	7.651	3.190	Top U.S. #1	105.9		60.4%
	Michael Comstock	726	245	179	0.73	0.430	7.916	3.230	Top U.S. #1	108.0		60.4%
	Colt Peterson	721	250	183	0.73	0.559	8.259	3.300	Top U.S. #1	108.5		59.5%
	Conner Taylor	732	220	161	0.73	0.481	6.753	3.070	Top U.S. #1	94.6		58.9%
	Taryn Miller	729	265	193	0.73	0.474	7.934	2.990	Top U.S. #1	113.6		58.7%
	Miranda Smith	743	265	193	0.73	0.468	7.865	2.970	Top U.S. #1	113.5		58.7%
	Tavie Miller	728	240	175	0.73	0.626	7.751	3.230	Top U.S. #1	102.1		58.3%
	Tallie Miller	730	260	190	0.73	0.567	7.637	2.940	Top U.S. #1	109.2		57.5%
	Colt Peterson	720	270	197	0.73	0.643	8.142	3.020	Top U.S. #1	112.9		57.3%
	Colt Peterson	719	275	201	0.73	0.650	8.300	3.020	Top U.S. #1	115.0		57.3%
	Tallie Miller	724	285	208	0.73	0.559	7.523	2.640	Top U.S. #1	116.8		56.2%
	Cody Taylor	727	260	190	0.73	0.736	7.672	2.950	Top U.S. #1	106.1		55.9%
	Elyse Richards	738	265	193	0.73	0.796	7.473	2.820	Top U.S. #1	105.8		54.7%
	Elyse Richards	739	270	197	0.73	0.845	7.791	2.890	U.S. #1	107.7		54.7%
	Wyatt Jensen	331	265	193	0.73	0.891	7.773	2.930	U.S. #1	105.2		54.4%
	Tavie Miller	723	275	201	0.73	0.761	7.121	2.590	Top U.S. #1	108.3		53.9%
	Tallie Miller	736	250	183	0.73	0.892	7.047	2.820	U.S. #1	97.6		53.5%
	John Kremers	335	280	204	0.73	0.806	6.107	2.180	U.S. #1	105.1		51.4%
	Taryn Miller	731	240	175	0.73	0.931	6.038	2.520	U.S. #1	89.7		51.2%
	Ivan Kremers	336	250	183	0.73	0.845	5.457	2.180	U.S. #1	92.3		50.6%
	Collin Taylor	740	230	168	0.73	0.949	5.351	2.330	U.S. #1	83.6		49.8%
	Wyatt Strauch	742	235	172	0.73	0.280	6.420	2.730			X (Bfat)	
	Sadie Sturman	337	210	153	0.73	0.345	6.323	3.010			X (Lt Wt)	
	Sadie Sturman	338	205	150	0.73	0.248	6.231	3.040			X (Lt Wt)	
	Wyatt Jensen	332	205	150	0.73	0.475	6.796	3.320			X (Lt Wt)	
	Aiden Applegarth	722	205	150	0.73	0.475	6.599	3.220			X (Lt Wt)	
Averages			#REF!	#REF!	#REF!	#REF!	#REF!	#REF!				#REF!

DQ Criteria:

Minimum BF Thickness ≥ 0.40 inches

Minimum BW 220 lbs

Calculated Carcass Weight:

Final weight X Dressing percentage (73%)

Muscle in Market Hog, lbs:

Estimated final muscle yield, based on final carcass weight, backfat thickness, and loin eye area.

Lean Weight Gain, lb/day:

Used for final ranking of market hogs, the total lean muscle gain per day on test. It combines both ADG as well as ultrasound carcass measurements backfat and LEA.