

Profitability Projection

Pig Basic Assumptions		Corn				% of Usage for Month	Weighted \$/Bu	Lean Hog			
		Sheldon Iowa Futures	Corn Basis +/-	Cash Corn				Futures	Basis +/-	Cash Hogs	
In Date	8/15/2023	Aug-23	\$4.76	\$0.90	\$5.66	6.3%	\$4.85	8/15/23	\$102.25	-\$5.00	\$97.25
# of Pigs	1000	Sep-23	\$4.76	\$0.60	\$5.36	18.2%		9/15/23	\$102.25	-\$5.00	\$97.25
Start Weight	50	Oct-23	\$4.88	-\$0.33	\$4.55	26.5%		10/16/23	\$79.05	-\$5.00	\$74.05
End Weight	290	Nov-23	\$5.01	-\$0.30	\$4.71	30.5%		11/16/23	\$79.05	-\$5.00	\$74.05
Budgeted Out Date	12/19/2023	Dec-23	\$5.01	-\$0.30	\$4.71	18.5%		12/17/23	\$72.55	-\$5.00	\$67.55
Predicted Out Date	12/19/2023	Jan-24	\$5.01	-\$0.30	\$4.71	0.0%		1/17/24	\$72.55	-\$5.00	\$67.55
		Feb-24	\$5.01	-\$0.30	\$4.71	0.0%		2/17/24	\$76.95	-\$5.00	\$71.95
		SBM Basis				% of Usage for Month	Weighted \$/ton	Days			
		Sheldon Iowa SBM Futures	+/-	Cash SBM				Before Out Date	% Cut		
ADG lbs/day	1.90	Aug-23	\$462.30	\$0.00	\$462.30	14.7%	\$408.51	Cut 1	21	11/28/2023	15%
Days to Finish	126	Sep-23	\$415.00	\$0.00	\$415.00	29.0%		Cut 2	14	12/5/2023	35%
		Oct-23	\$396.10	-\$5.00	\$391.10	23.0%		Cut 3	7	12/12/2023	35%
Avg \$/Ton	\$247.12	Nov-23	\$396.10	-\$5.00	\$391.10	19.3%					
Feed Efficiency	2.70	Dec-23	\$396.10	-\$5.00	\$391.10	13.9%					
\$/lb of Gain	\$0.3341	Jan-24	\$391.60	-\$5.00	\$386.60	0.0%					
		Feb-24	\$387.30	-\$5.00	\$382.30	0.0%		Predicted Out		12/19/2023	

Costs		
	Pig	Group
Delivered Cost/Pig	\$30.75	\$30,750.00
Yardage \$/day	\$0.1000	
Yardage/pig	\$12.63	\$12,631.58
Med and Vaccine \$/pig	\$3.00	\$3,000.00
Misc \$/pig	\$3.00	\$3,000.00
Interest	7.50%	\$3,101.06
Feed Cost/pig	\$80.18	\$80,179.41
% Culled	2.50%	
# Culled	25	
Cull Value	50.00%	-\$1,985.37
% Dead	5.00%	
# Dead	50	
Avg Days Fed Dead	40	
Total Refund to Cost (Feed)		-\$10,083.94
Total Group Cost		\$120,592.7

Revenue	
Net Grade and Yield	\$4.50
\$/lb cwt	\$73.03
Yield	75.00%
\$/Hd Paid	\$158.83
Trucking/Hd	\$3.00
Total \$/Hd Paid	\$155.83
Total Revenue	\$144,142.17

	# of Pigs	\$/cwt	\$ Sold
Cut 1	139	\$78.55	\$23,705
Cut 2	324	\$72.05	\$50,734
Cut 3	324	\$72.05	\$50,734
Cut 4	139	\$72.05	\$21,743
Total	925		\$146,917

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Net Profit/Loss Group	\$23,549.43
Net Profit/Loss per Hd	\$23.55

"This tool and calculations are intended solely as a guide and do not constitute a guarantee of performance or economics. Individual variables in management, environment, economics, and genetics may dictate changes in animal and financial responses."