

Increasing Feed Costs - Is Hybrid Rye The Answer?



Hybrid Rye in Swine

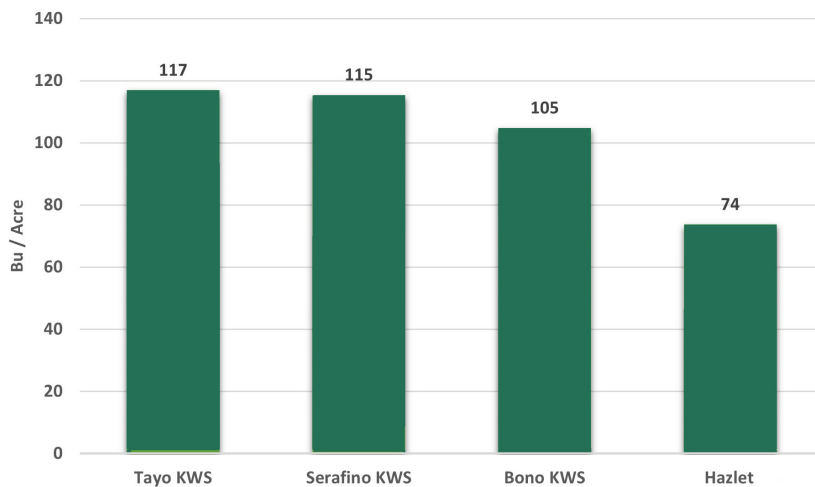
As corn prices continue to climb, swine producers are searching for cheaper substitutes that won't sacrifice animal performance. Recent research from the University of Illinois shows that hybrid rye may be the solution producers are looking for. Not only is hybrid rye an attractive commodity, but it shows an even greater advantage for farmers and ranchers looking to expand their crop rotations and produce their own feedstuffs!

Cost of Finishing Swine Diets with Increasing Inclusion of Hybrid Rye

	Diet A	Diet B	Diet C	Diet D				
Ingredients	Price/				% Inclusion			
Corn - \$7.77/bu	\$278	79	53	26	0			
Hybrid Rye - \$6.60/bu	\$236	0	26	53	79			
Soybean meal	\$428	15	15	15	15			
Soybean oil	\$1600	3	3	3	3			
Supplement	\$500	3	3	3	3			
Cost/ton	\$346.82	\$335.90	\$324.56	\$313.64				
Avg. Daily Gain¹, lbs	2.31	2.40	2.36	2.36				
Avg. daily feed intake, lbs	5.86	5.86	5.78	5.64				
Cost per lb of gain	\$0.44	\$0.41	\$0.40	\$0.37				

¹ Performance data from McGhee et al. 2021

MN - SD - WI (7 locations)



Hybrid Rye Agronomic Advantages:

- High yielding cereal – Bred to be the highest yielding small grain on the market
- Reduced ergot risk – Pollen Plus technology creates a shorter pollen window with increased pollen production
- Improved crop rotation – provides winter cover, reduces nutrient leaching, and improves soil health
- Sustainable – Every bag is branded CO2 efficient, meaning a reduced carbon footprint

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Increasing Feed Costs - Is Hybrid Rye The Answer?



Hybrid Rye in Cattle

As corn prices continue to climb, beef cattle producers are searching for cheaper substitutes that won't sacrifice animal performance. Recent research from South Dakota State University shows that hybrid rye may be the solution producers are looking for. Not only is hybrid rye an attractive commodity, but it shows an even greater advantage for farmers and ranchers looking to expand their crop rotations and produce their own

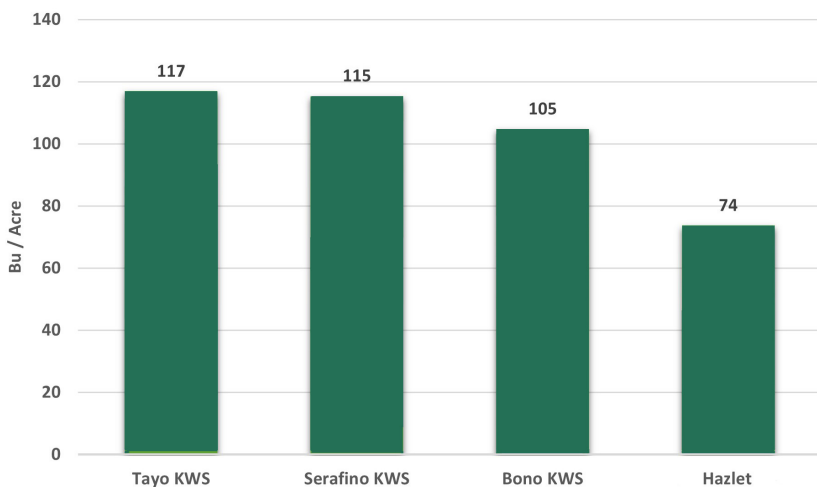
Cost of Beef Cattle Diets with Increasing Inclusion of Hybrid Rye

	Diet A	Diet B	Diet C	Diet D	
Ingredients	Price/ton				
Corn - \$7.77/bu	\$278	60	40	20	0
Hybrid Rye - \$6.60/bu	\$236	0	20	40	60
MDGS¹	\$259	19	19	19	19
Corn Silage	\$77	17	17	17	17
Supplement	\$500	4	4	4	4
Cost/ton	\$249.10	\$240.70	\$232.30	\$223.90	
ADG², lbs	4.68	4.60	4.28	4.03	
DMI², lbs	28.01	27.71	27.29	26.74	
Cost per lb of gain	\$0.75	\$0.72	\$0.74	\$0.74	

¹ Modified distiller's grains with solubles

² Performance data from Rusche et. al. 2020

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