

Green Revolution 2.0 - New genetic research holds the promise to increase wheat yields beyond natural selection

CALGARY, AB, CANADA, September 1, 2022 /EINPresswire.com/ -- In an article published on July 18, 2022 in Nature magazine, the Institute of Genetics and Developmental Biology of the Chinese Academy of Sciences has released the findings of its genetic research on wheat which "increased [wheat] yield under field conditions without affecting other major agronomic traits." Wheat is a critical food staple across the world making this research critically important to feeding a growing global population.



Veripath Partners co-founder Stephen Johnston, in a statement made today, said:

"Genetic research holds great promise to improve crop yields while managing input use. As a rough approximation the 3 most material drivers of developed market agriculture yield improvement have been mechanization, synthetic fertilizers and glyphosates. Genetics have played a role but with new CRISPR techniques this may be about to undergo a step change - a Green Revolution 2.0. The importance of this research can not be overstated as another 2 billion people are expected on the planet over the next 3 decades growing the population to approximately 10 billion."

Stephen Johnston is available for media interviews and can be reached at sjohnston@veripathpartners.com. The research report "Improving bread wheat yield through modulating an unselected AP2/ERF gene" can be found here:

<https://www.nature.com/articles/s41477-022-01197-9?proof=t%2525C2%2525A0>

Veripath operates on the conviction that worldwide demand for the agricultural products used for food, feed, and fuel makes farmland an excellent long-term investment and that compelling valuation discounts are present in the Canadian market. In addition, Canadian farmland has

demonstrated a strong historic capability of hedging both inflationary and stagflationary economic climates.

Since its official offering memorandum launch in 2020, Veripath has experienced rapid growth as capital allocators seek exposure to the Canadian farmland asset class. Veripath's offerings can be accessed through several full-service Canadian broker dealers. Utilising a unique split fund, evergreen structure, Veripath opens the Canadian farmland thesis to a large universe of investors and makes compliance with the various provincial farmland ownership regulations simple and straightforward. Canadian farmland allocations have several compelling characteristics that make them a worthwhile portfolio allocation for both institutional and retail investors and Veripath's structures are available to both.

Who is Veripath? Veripath is a Canadian alternative investment firm focusing on farmland. Veripath believes that there are a number of factors that are supportive of the Canadian farmland investment premise, a few of which are highlighted below.

- Value: Canada has some of the most competitively priced farmland in the developed world – particularly on a productivity adjusted pricing basis.
- Diversification: Farmland exhibits low correlation to traditional stock/bond investments so can improve portfolio risk diversification.
- ESG: Western Canadian zero-till portfolios capture material amounts of carbon.
- Inflation Hedging: Farmland has historically had strong inflation/stagflation hedging capabilities and outperformed in real terms during periods of low real rates/high inflation.
- Demand: Farmland is a non-volatile way to capture the anticipated incremental demand coming from population growth and growing demands for food, feed, fuel and water globally.
- Veripath divides the Canadian market into two separate geographies of ~84M acres each in order to streamline and simplify farmland ownership regulatory compliance. Veripath Farmland (UR) LP invests in all of Canada (excluding SK and MB) and Veripath Farmland LP invests just in SK and MB. The two sister Funds have the same terms and fee structures.

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