



BASF launches InVigor Gold: A breakthrough canola seed innovation

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Global agriculture leader BASF has announced the launch of InVigor Gold, a groundbreaking innovation in canola seed developed to meet the growing demand across food, fuel, and industrial sectors. Designed for high performance in hotter, drier, and more marginal growing conditions, InVigor Gold marks a major advance in canola production, offering greater yield stability and expanded planting potential for farmers.



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"InVigor Gold will unlock the full genetic potential of canola in new growing areas and offer farmers a powerful tool to improve yield stability under stress conditions," said Bryan Perry, Head of U.S. Seeds and Traits at BASF.

InVigor Gold has been developed to combine several advanced traits, including tolerance to Liberty herbicides, inherent resistance to pod shatter and blackleg disease, and enhanced heat tolerance. These attributes allow the crop to perform in regions with lower organic soil and extreme climate conditions. Because of its seed quality, InVigor Gold is expected to be accepted by existing elevators and processors alongside traditional canola.

Backed by decades of research and development, InVigor Gold was created by BASF's global team of plant breeders and scientists using a rich base of genetic material. The new hybrid builds on the legacy of BASF's InVigor canola line, recognized as the market's top-yielding canola seed portfolio for more than 25 years.

Field trials conducted between 2022 and 2024 in Canada's brown soil zones and the U.S. Northern Great Plains showed that InVigor Gold outyielded traditional canola varieties by an average of 8 per cent. This performance demonstrates its suitability for farmers who face challenging conditions and who may now be able to convert previously idle or fallow land into productive acreage.

“Agriculture is our number one industry in Montana,” said Governor Greg Gianforte. “As demand continues to rise, innovation like BASF’s InVigor Gold will support our farmers, open new opportunities, and strengthen our rural economy.”

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Pending regulatory approvals, InVigor Gold is expected to be available to U.S. farmers in 2027, with a Canadian release planned for later this decade or early in the next.

This innovation reaffirms BASF’s investment in seed technology to support sustainable agriculture and global food security.