

GE canola with high levels of omega-3 fatty acids could be commercialized in Australia, US, Canada in 2018

A strain of canola which contains long-chain omega-3s has now been submitted for regulatory approval in Australia, with submissions in the US and Canada anticipated to be filed later [March 2017].

The strain has been developed by Nuseed, a wholly owned subsidiary of Nufarm Ltd, who expect commercialisation of the strain – which they aim to use in aquafeeds and human nutrition – to commence in 2018 or 2019.

“Reaching these regulatory milestones in all three countries gives us both timing and location options as we commercialise canola based long-chain omega-3,” says Brent Zacharias, Nuseed Group Executive.

Nuseed’s proprietary canola will provide long-chain omega-3 oils, similar to those found in fish oil, using a sustainable land-based source.

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This new proprietary product aims to help relieve pressure on wild fish stocks, which are the current source for this important nutrient. By providing a proven land-based source of these oils, Nuseed will help maintain adequate supply to meet strongly increasing global demand. It is anticipated that one hectare of this canola has the potential to provide the omega-3 yield from 10,000 kilograms of fish.

**The GLP aggregated and excerpted this blog/article to reflect the diversity of news, opinion, and analysis. Read full, original post: [Breakthrough for omega-3 canola](#)**

**For more background on the Genetic Literacy Project, read [GLP on Wikipedia](#)**