

# #152

## CanolaPro: Feeding a growing population

*Gertjan Smolders*

DSM Biotechnology  
Center, Delft, Netherlands

CanolaPRO™: Turning an inedible byproduct into valuable food protein The world's population is growing fast, but how can we produce sufficient food for everyone without straining the environment? DSM couldn't ignore the challenge and to explore the possibilities DSM set up a project called 'Proteins of the Future' (POFU). What emerged was a new technology that turns an inedible agricultural byproduct of rapeseed oil extraction into valuable plant protein for a wide range of uses in food. The resulting protein isolate CanolaPRO™ has a very high nutritional quality (PDCAAS=1) and contains all the essential amino acids needed for muscle growth and body maintenance in an optimal ratio. The canola-based protein has a balanced taste profile that can be incorporated in a broad range of applications without compromising endproduct quality. CanolaPRO™ is entirely soluble over a broad pH range and shows outstanding foaming and emulsifying properties without any grittiness.

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