

3CS: the Cambridge Centre for Crop Science

A coalition of international expertise - based in Cambridge, dedicated to feeding the world



925 million
the number of undernourished people in the world today

Feeding the global population will require economic, political, and infrastructural shifts, but will for the most part rely on **increasing our crop yields.**



9.6 billion
the world's projected population in 2050



This in turn will rely on making significant progress in the fundamental science of plants, microbes and soils.

3CS is a partnership between Cambridge experts in Plant Sciences. They have a bold ambition to secure the world's food supply, by **establishing a Chair in Crop Sciences and**

Leading research to unearth the molecular and physiological basis to developing new crops using innovative pre-breeding activities.



Training a new generation of crop science experts to ensure that we can continue to feed future global populations.



Translating these fundamental plant science discoveries into sustainable agricultural solutions for higher yields and improved nutrition.



These activities will focus on key areas of fundamental science research for yield enhancement, crop pre-breeding and sustainable agriculture and extension services...

..and will be informed by the expert contributions of Cambridge University's Department of Plant Sciences and Sainsbury Laboratory, the National Institute for Agricultural Botany. The wider UK Agritech Sector, international agencies, commercial partners and Government Departments will also play an integral role.



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