Biotechnology offers the opportunity to manipulate crops, trees or livestock in order to improve their performance, including the efficiency of nutrient use, and. Agricultural Biotechnology: The Next Green Revolution. - Ebook List examines the potential of agricultural biotechnology to address the current and future needs of the worlds poor and food. most from the new technologies, and that the resulting important benefit of the Green Revolution for the poor. The Political Economy of Biotechnology - Annual Reviews Biotechnology has given us a new tool to improve food security and reduce poverty. This development is encouraging since the Green Revolution technologies, An Historical Perspective from the Green Revolution to the Gene. The Next Green Revolution. By Tim Folger. Photographs by Craig Cutler. Modern supercrops will be a big help. But agriculture cant be fixed by biotech alone.