



VOLUME ONE

Intellectual Property Management in Health and Agricultural Innovation

a handbook of best practices

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more countries to have the resources to meet their needs.

Today, the world food supply is nearly six billion tons more, some 300 billion tons or one ton of edible dry matter. It includes cereals, roots and tubers, legumes, fruits and vegetables, livestock and fish. Within the next 50 years, the world's population is likely to increase by 50–80%, requiring global food production to nearly double. We will have to achieve this increase on a shrinking agricultural land base, with most of the increased production to occur in the countries that will contribute. Compounding the problem is the fact that more than half of the world's 2.8 billion hungry people are small-scale farmers who are often environmentally sensitive marginal lands in developing countries. Utilizing the power of science and technology to help in the protection of these fragile environments is one of the greatest challenges of the 21st century.

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so-called biologics. Sharing the best of international, indigenous and traditional through the process for more commercial purposes by government and individuals.