

Crop Plant Anatomy

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Increasing crop productivity is the most immediate concern of mankind in today's world, as population expansion and climate change brings new fears for food security and new challenges to agriculture. Crop anatomy, intrinsically linked with the environment and better genetic potential for productivity, could be the key to creating more adaptable, productive sources of food for the whole planet.

Divided into four sections covering anatomy in relation to crop management, anatomical descriptions of the major crop plants, anatomical changes in adaptation to environments and the link between anatomy and productivity, this book provides a comprehensive source of crop plant anatomy information. The crop areas covered include cereals, pulses and beans, oil crops and fibre crops. By bringing together economic plant anatomy, crop productivity and biotic and abiotic stress adaptation for the first time, this book creates one central resource suitable for students, researchers and professionals of crop science and plant anatomy.

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