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17.5.1 Cultural and Conventional Methods.

Sommario/riassunto

Climate change has had unprecedented consequences for plant metabolism and plant growth. In botany, adverse effects of this kind are called plant stress conditions; in recent years, the plant stress conditions generated by climate change have been the subject of considerable study. Plants have exhibited increased photosynthesis, increased water requirements, and more. There is an urgent need to understand and address these changes as we adapt to drastic changes in the global climate. Presenting a comprehensive guide to the effects of global climate change on plants and plant metabolism, this text introduces and describes each climate change-related condition and its components, analysing resulting stress conditions, the environmental factors which ameliorate or exacerbate them, and possible solutions. The result is a thorough introduction to this critical subject for the future of our biome.