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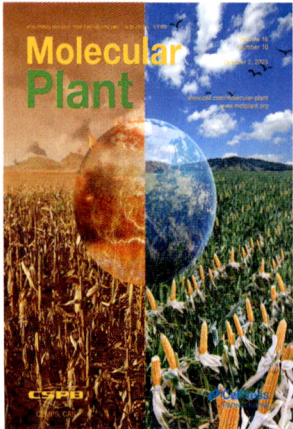
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On the cover:

Climate change poses great challenges to local, regional, and global agricultural ecosystems and food security through rising air temperatures and causing more frequent extreme weather events in the globe. Crop varieties that withstand climate-related stresses will be crucial to crop productivity and quality under climate-changed environments. The cover image illustrates two extremely contrasting scenarios that may happen on Earth, with the left one showing that global warming causes severe drought stress and affects global maize production, while the right one showing that large-scale cultivation of climate-resilient and resource-saving crops such as maize suitable for current and future cropping systems on Earth, owing to the development of plant sciences and technologies, may not only improve the Earth’s ecosystems but also boost crop yields to ensure global food security even under future climate change.



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