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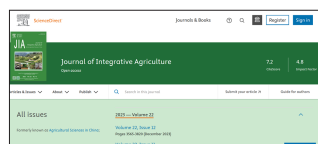
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Cover Story Driven by national strategic deployments for food security, seed industry revitalization, and farmland-tech based yield enhancement, China's crop sciences have achieved comprehensive and coordinated progress from 2015 to 2025. Significant breakthroughs have been continuously made in fundamental and cutting-edge breeding research, including crop functional genomics, fine phenotyping and genotyping of crop germplasm, gene discovery and cultivar improvement. Gene editing has emerged as a new reserve breeding technology. Drones and information technology are widely applied in crop production management, which not only boosts production efficiency but also improves the utilization efficiency of water and fertilizers, effectively safeguarding national food security and ecological security. The picture was provided by JIA Editorial Office. For more details, please see pages 4387–4612.