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ON THE COVER
Fusarium graminearum fungus (orange) growing in a wheat spikelet. The disease Fusarium head blight (FHB; also known as wheat scab) threatens the world’s wheat supply by reducing grain yield and quality. Researchers have isolated a gene from wheatgrass (Thinopyrum elongatum), a wild relative of cultivated wheat, that decreases Fusarium infection and detoxifies mycotoxins in wheat grains. This gene can be introduced to wheat cultivars through breeding to minimize FHB-related losses. See pages 822 and 844. Photo: Qihui Chen/Jiayang Agricultural Bureau

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