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COVER

Tomato plant afflicted with a lethal necrotic disease, which is probably the same as that which (in 1972) annihilated the field tomato crop in the French Alsace. Causal agent is a small RNA encapsidated within cucumber mosaic virus, dependent for its replication on, but not part of, the viral genome. See page 429. [J. M. Kaper, Plant Protection Institute, Agricultural Research Service, Department of Agriculture, Beltsville, Maryland]