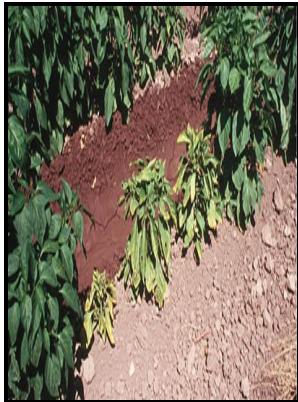


# Curly top disease of sugarbeet and other plants.

## American Phytopathological Society - Beet Curly Top: America's First Serious Disease of Sugar Beets

Description: -



-  
Dicotyledons -- Classification.  
California -- History -- 1850-1950 -- Biography  
Washington (D.C.) -- Politics and government -- To 1878  
United States -- History -- Civil War, 1861-1865 -- Biography  
Judges -- California -- Biography  
Lawyers -- United States -- Biography  
Legislators -- United States -- Biography  
Andersonville Prison  
United States. -- Army -- Officers -- Biography  
United States. -- Congress. -- House -- Biography  
Chipman, N. P. -- 1836-1924  
Sugar beet -- Diseases and pests.  
Curly-top.curly top disease of sugarbeet and other plants.

-  
The Families and genera of vascular plants -- 5  
Monograph (American Phytopathological Society) -- no. 7.  
Monograph / American Phytopathological Society -- no. 7.curly top  
disease of sugarbeet and other plants.  
Notes: Bibliography: p. 68-81.  
This edition was published in 1971



Filesize: 50.38 MB

Tags: #Beet

### Beet Curly Top: America's First Serious Disease of Sugar Beets

Cause Management Check transplants for signs of leafminer damage prior to planting; remove plants from soil immediately after harvest; only use insecticides when leafminer damage has been identified as unnecessary spraying will also reduce populations of their natural enemies.

### Beet Curly Top Virus in Tomato

Delayed infection results in milder plant symptoms.

### Beet curly top virus

Phloem discoloration in sugar beet roots from curly top infection. Note the plot to the right of the man standing compared to adjacent plots. Viral populations are also made up of a complex of different strains that vary in host range and symptoms.

### Beet Curly Top Virus in Tomato

Producing seed in the American Southwest took advantage of the mild winters, enabling roots to overwinter in the field. By this method, the curly top-resistant variety US 1 was successfully produced and increased, making it rapidly available to growers. Apply a complete fertilizer at planting to ensure optimum development.

### Comparison of a beet curly top virus isolate originating from the old world with those from the new world

The first serious effort to grow seed in the United States occurred in Schuyler, Nebraska, in 1891. The presence of BCTV was traditionally associated with California agricultural production, but now appears to be rare in any of the sugar beet-producing regions. Cut the tops of the beets to 1.

### Beet Curly Top: America's First Serious Disease of Sugar Beets

Infected plants are usually scattered in a field. Plants that are infected at a later stage of development may survive, but they will be yellow with stunted growth Fig.

### **The Curly Top Disease of Sugarbeet and Other Plants (December 1971 edition)**

At present, there are no virus-resistant tomato varieties. The severity of infection depends on climatic factors affecting the presence of weed hosts, the prevalence and severity of the pathogen, and the reproductive capacity and migration of leafhoppers. Calyx tissues will often be abnormally large and thickened as well Fig.

### **Beet Curly Top: America's First Serious Disease of Sugar Beets**

Outbreak of curly top in Costa Rica. We should have learned previously from the disastrous effects to production suffered as a result of the prior dependence upon European sources of seed.

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