

Potyvirus (virus complex) in garlic

Garlic growers may be noticing yellowing tips on garlic leaves with some that are completely yellow. If you look closely, mottling or striping on the leaves as in the pictures below would indicate presence of virus complex that can be grouped as potyvirus. These symptoms are usually more pronounced on young leaves.



Figure 1. Garlic plants showing symptoms of infection with virus complex. Striking, striping on leaves of garlic infected with virus complex.

Garlic crops infected with viruses are usually more susceptible to weather conditions like frost and extreme heat, and do not keep well post-harvest. Infected plants showing severe symptoms are stunted and bulb size can be reduced. However, these viruses are usually mild and do not seriously affect yield. These viruses can be transmitted through the planting stock or by aphids. Any garlic with symptoms should be watched and possibly harvested early or rouged out if yellowing and decline increase in the coming weeks, and not be saved for next years' planting.

What else can look similar to potyvirus symptoms?



Figure 2. Fusarium basal rot: Leaves turn yellow to brown from the tip down and wilt. Red to purple discoloration may be seen on bulbs early in the season. Bulb has watery brown decay starting at the base and extending up into the bulb. A white fuzzy growth can often be seen on the rotted basal plate. (University of Minnesota Extension).



Figure 3. Onion thrips scarring may cause discolored, distorted tissue; severely infected plants may have a silvery appearance; insect is small (1.5 mm) and slender and best viewed using a hand lens; adult thrips are pale yellow to light brown and the nymphs are smaller and lighter in color. (Photo: eagri.org).

2023 Connecticut Grower Crop Loss Report.

[Click here to report](#)

This form will be used to gather data from growers related to crop loss impacts incurred to date in 2023 due to weather. Connecticut Department of Agriculture will share data with USDA Farm Service Agency and UConn Extension. By filling out this information it will assist these entities in determining if a disaster declaration can be obtained. Your farm name and contact information is not required, but if you would like to be contacted, please share that.

USDA disaster assistance information can be found on [farmers.gov](https://www.farmers.gov), including USDA resources specifically for producers impacted by winter storms. For FSA programs eligibility, producers should contact their local [USDA Service Center](#).



If the impacts of crop loss are causing you, your farm family, or farm workers increased stress or negatively impacting your mental health, resources are available at www.CTFarmStressRelief.org. For immediate crisis help, call or text 833-897-2474.

\$600 payments for farm employees through Farm and Food Workers Relief Program (FFWR)

Eligible frontline farm workers and meatpacking workers from Connecticut and 13 other states can apply for a one-time \$600 pandemic relief payment. FFWR is intended to defray costs for reasonable and necessary personal, family, or living expenses related to the COVID-19 pandemic, such as but not limited to, costs for personal protective equipment (PPE), dependent care, and expenses associated with quarantines and testing.

Relief payments will be available to eligible workers who performed work in farming and meatpacking work during the period extending from January 27, 2020 until the end of the incident period for the major disaster declaration related to COVID-19. Eligible beneficiaries should be frontline workers, and not those working in management positions.

Learn more about FFWR including the application process at <https://farmworkers.com/>



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For more information, contact:
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Connecticut
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Ardent Mills Tour and Marketing Local Grains

101 Normanskill St., Albany, NY 12202

Friday, June 23, 2023, 1 pm – 4:30 pm



An Educational and Networking Opportunity
for conventional & organic grain growers, organic grain buyers
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- Tour of Ardent Flour Mill (> 2million pounds/day capacity)
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For program questions or special accommodations, contact, Aaron Gabriel (518-380-1496, adg12@cornell.edu).