

2013 WSU Walla Walla Spring Dry Pea

The 2013 spring dry pea trial at Walla Walla was not harvested because of severe disease at the location. We first noticed a distinct change in this trial the beginning of June. It started to lose strong green color and some plots were even showing yellowing typical of disease symptoms. The symptoms strongly indicated high and severe disease pressure from *Fusarium oxysporum* f.sp. *pisi*, Fusarium wilt. The disease reactions were noted to allow selection and characterization of resistance. There were also indications of virus infection at that time. These diseases progressed rapidly and left the plants in poor condition to support pod filling. Later rain in June also produced some saprophytic decomposition of the dying tissues turning the plot a blackened color from the fungal spores on the plant surfaces and removing hope of harvesting anything of value to assess yields.

Other 2013 pea locations have good variety performance information and this shows the value of conducting multiple location trials for variety performance.