

Entomopathogenic nematode (EPN) activity in soil from wild and cultivated blueberry (*Vaccinium corymbosum*)

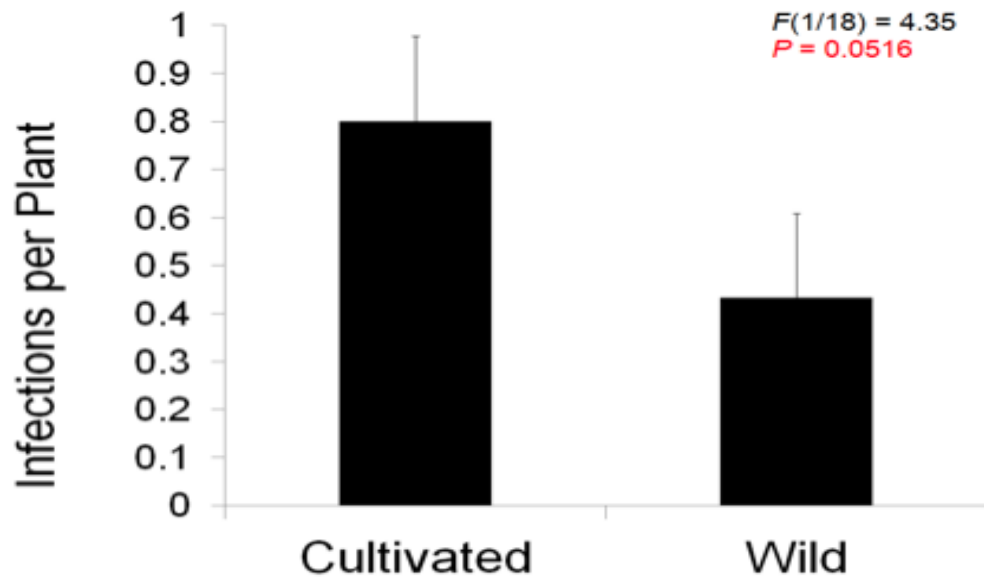


Figure 1a. Entomopathogenic nematode (EPN) activity in soil from wild and cultivated blueberry (*Vaccinium corymbosum*). Activity, measured in infections per plant, did not differ significantly between the two treatments. Cultivated soil tended to have a trend for more infections per plant than wild which is extrapolated in Figure 1b.

Entomopathogenic nematode (EPN) activity in cultivated and wild blueberry (*Vaccinium spp.*) soil over year and sample

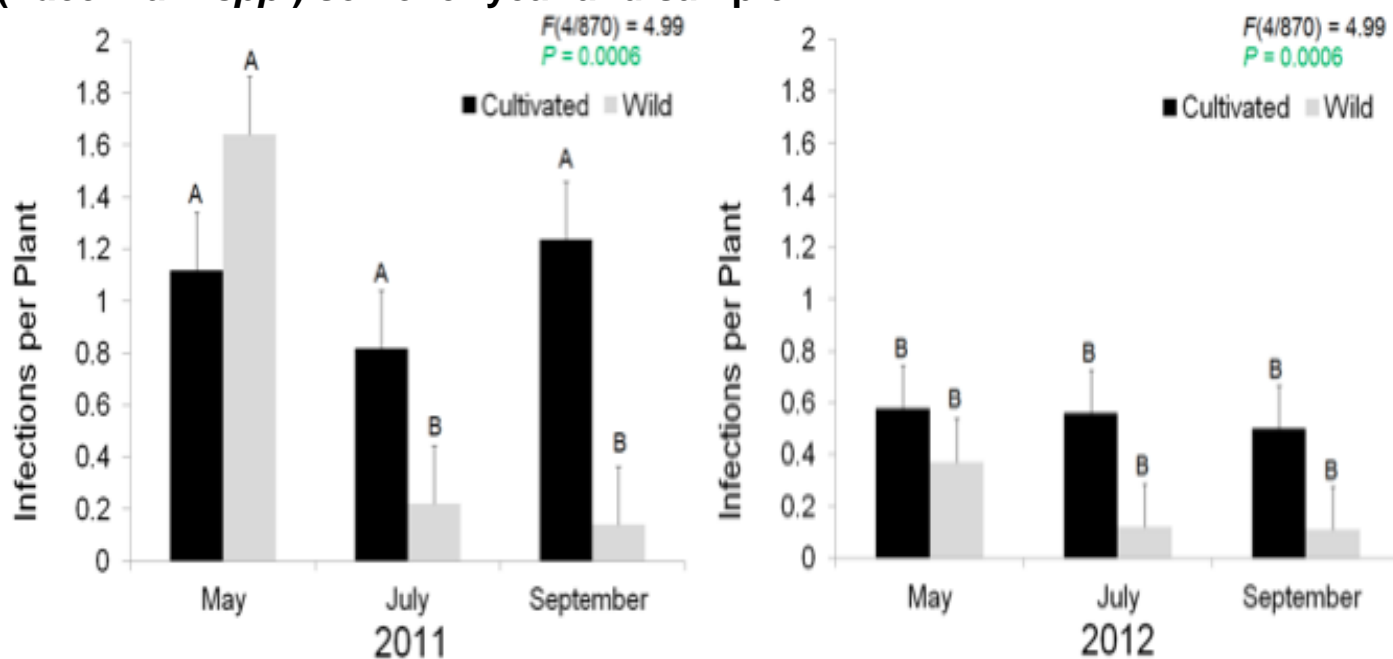


Figure 1b. Entomopathogenic nematode (EPN) activity in cultivated and wild blueberry (*Vaccinium spp.*) soil over year and sample. By year, 2011 had significantly more EPN activity than 2012 ($F=1/870=22$, $P=<0.0001$). In 2011, the July (harvest) and September sample (post-harvest) EPN activity was higher in cultivated blueberry fields than in the wild habitat. No differences were detected in 2012. Means with the same letter do not differ significantly.

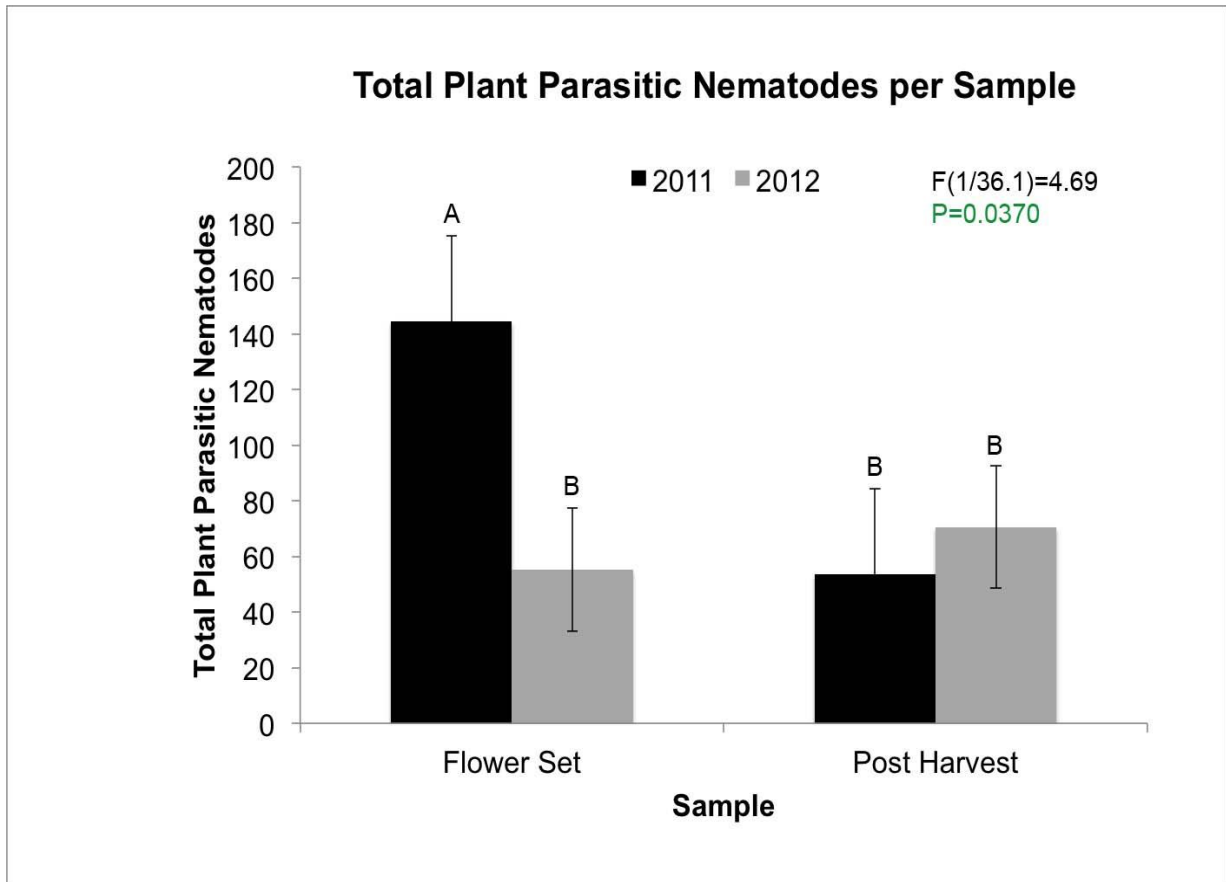


Figure 2a. More PPNs were present in samples from Flower Set (early season) in 2011 than any of the other samples collected. Means with the same letter do not differ

significantly.

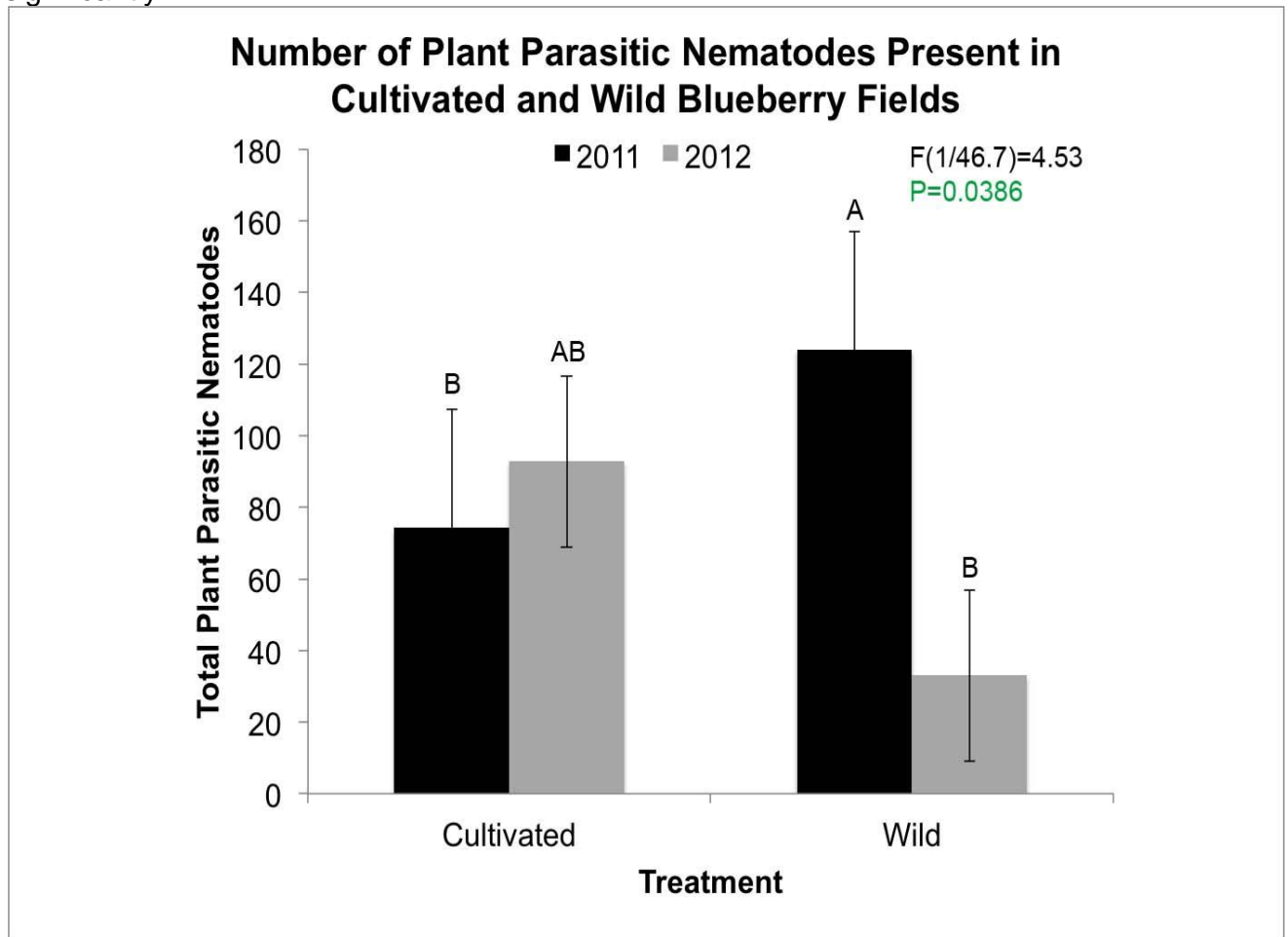


Figure 2b. Samples from wild fields in 2011 had more PPNs than in 2012 and those taken from cultivated fields in 2011. Means with the same letter do not differ significantly.

Table 1. Soil characteristics in wild and cultivated blueberry soil means by treatment

	Cultivated	Wild	
pH	4.14	3.89	
Phosphorous (lb/acre)	395	12	*
Potassium (lb/acre)	108.8	59.7	*

*Means differ significantly.