Field Crops

Corn during planting is associated with an increased incidence and amount of nosema and incidence of iapv (close to significant for abpv).

Soy during planting is a mixed bag – it decrease nosema and dwv but increases the incidence of black queen cell and kbv

Winter wheat during planting increase the number of mites, dwv (even controlling for mites) and iapv

Specialty crops

For nosema we observe that Specialty crops: Citrus, berries and hort affect the probability of nosema. The amount is affected by citrus, treefruit, and marginally by horticulture

For mites, the link to landscape is far less clear. We see negative effects of nuts and berries and a strong positive effect of developed land

For ABPV, citrus may slightly positively affect the incidence, but little other specialty crops have an effect

For black queen cell, berries, horticulture appear to be associated with an increase in incidence, but developed land seems to be associated with a lower incidence

For deformed wing virus, berries are associated with an increase in incidence

For chalk brood, treefruit and berries are associated with an increase in incendence (although berries are not strongly significant)

For iapv, we see a strong effect of citrus and that hort is associated with a decreased incidence

For kbv, treefruit (slightly), treenuts and developed land are all associated with an increase in the incidence of kbv