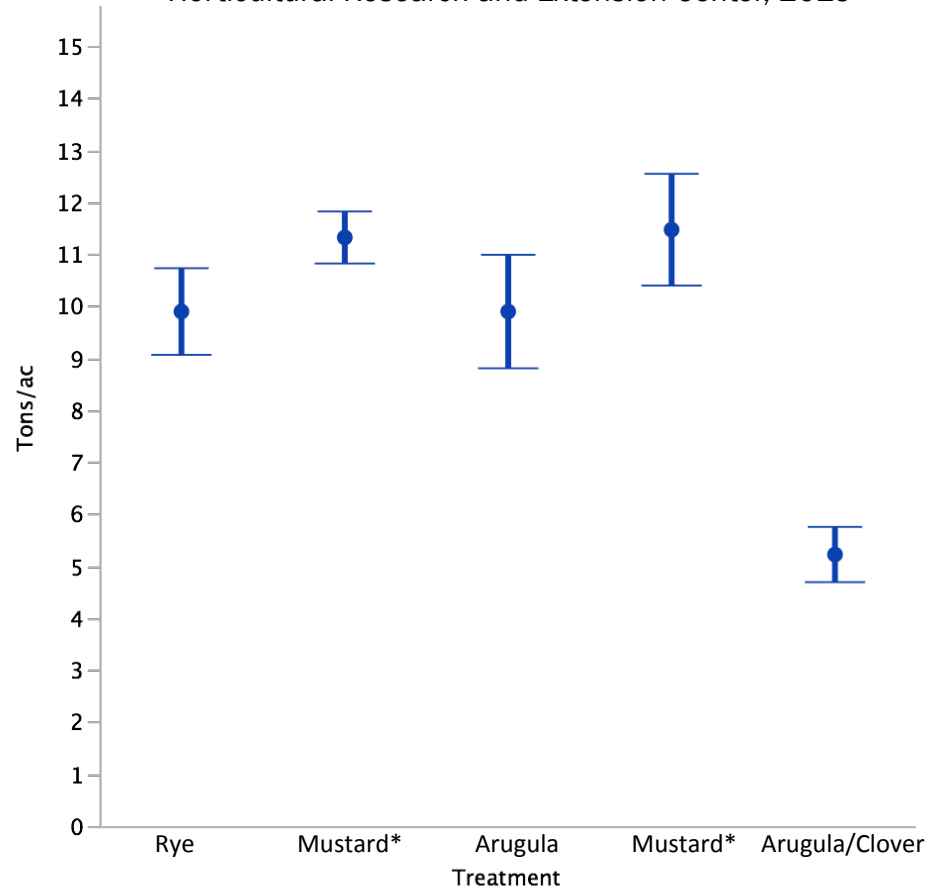


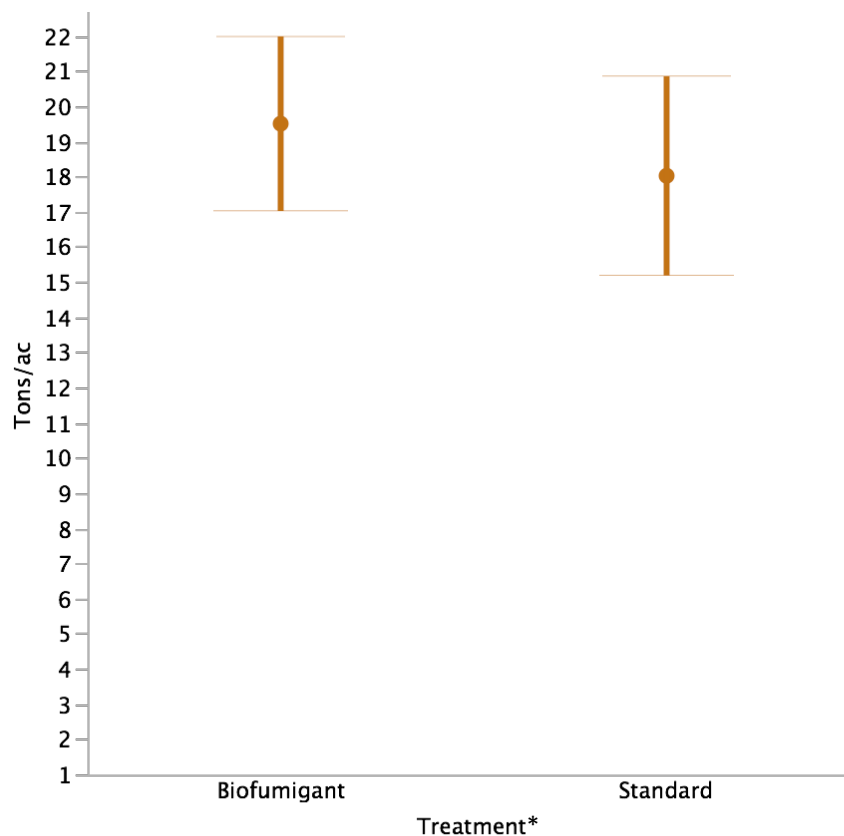
Average yield of Kubocha squash following various cover crops and biofumigation at Cornell's Long Island Horticultural Research and Extension Center, 2015



Each error bar is constructed using 1 standard error from the mean.

*There are two mustard treatments because in the second project year, each be followed with a different tillage treatment (conventional tillage or reduced tillage). Each mustard treatment was used for biofumigation. The arugula treatments winterkilled and could not be used for biofumigation.

Average yield of pumpkin following brassica cover crops for biofumigation vs. standard grower practices across three on-farm trial sites in NY, 2015



Each error bar is constructed using 1 standard error from the mean.

* Four replications of biofumigant vs. standard grower practice across three sites were used for analysis. Biofumigant cover crops were fall-sown 'Nemat' arugula or spring-sown 'Caliente' mustard. All mustard treatments were subjected to the biofumigation process; a single arugula treatment had excellent fall growth but winterkilled and was not subjected to the biofumigation process. The grower standard practice was a bare winter fallow at two sites and a zone-tilled rolled wither rye cover crop at the third site.