

Increasing Organic Pea Acres Through Intercropping

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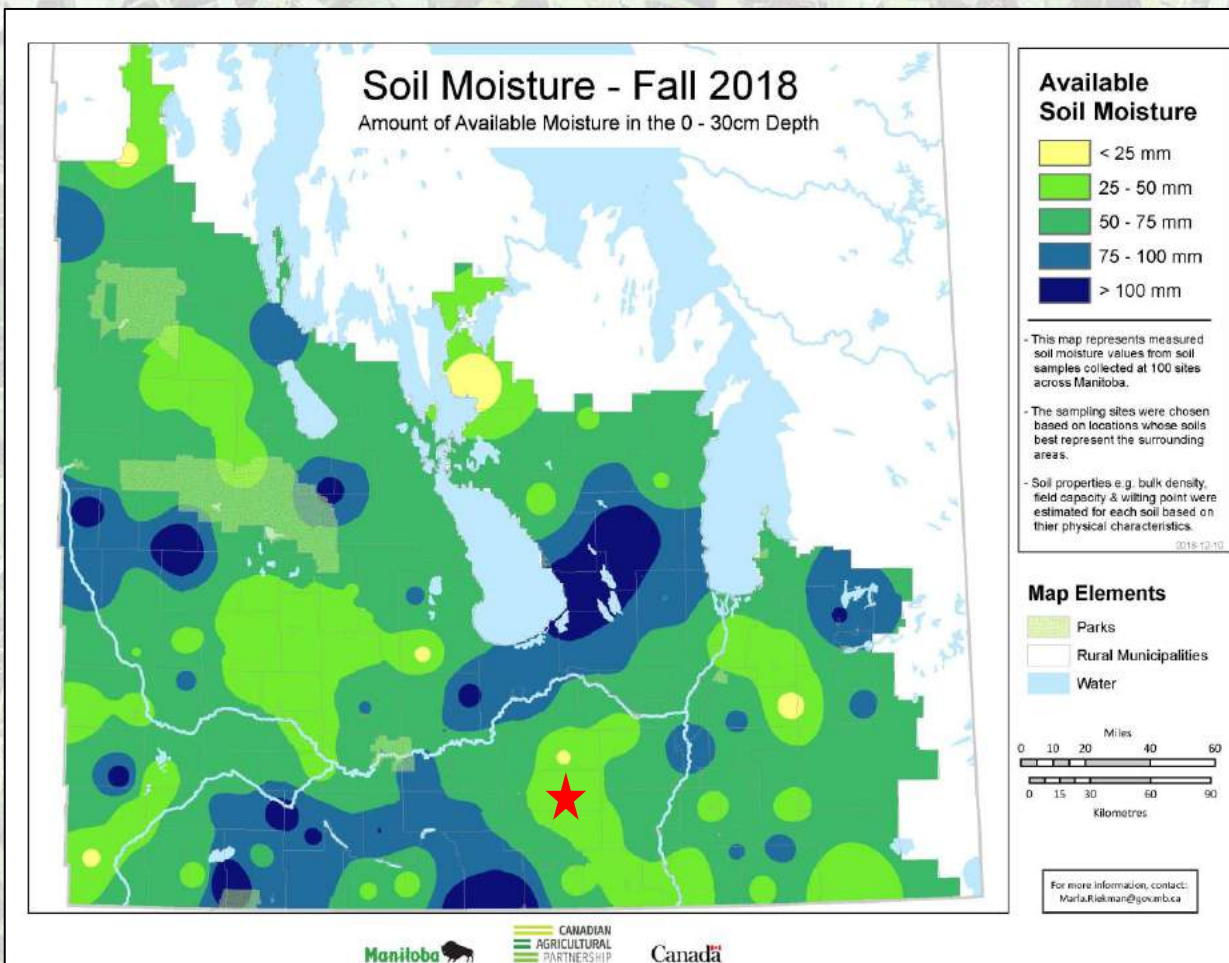


Figure 5. Amount of available soil moisture in the 0-30cm depth for fall 2018 in Manitoba (Province of Manitoba 2018)

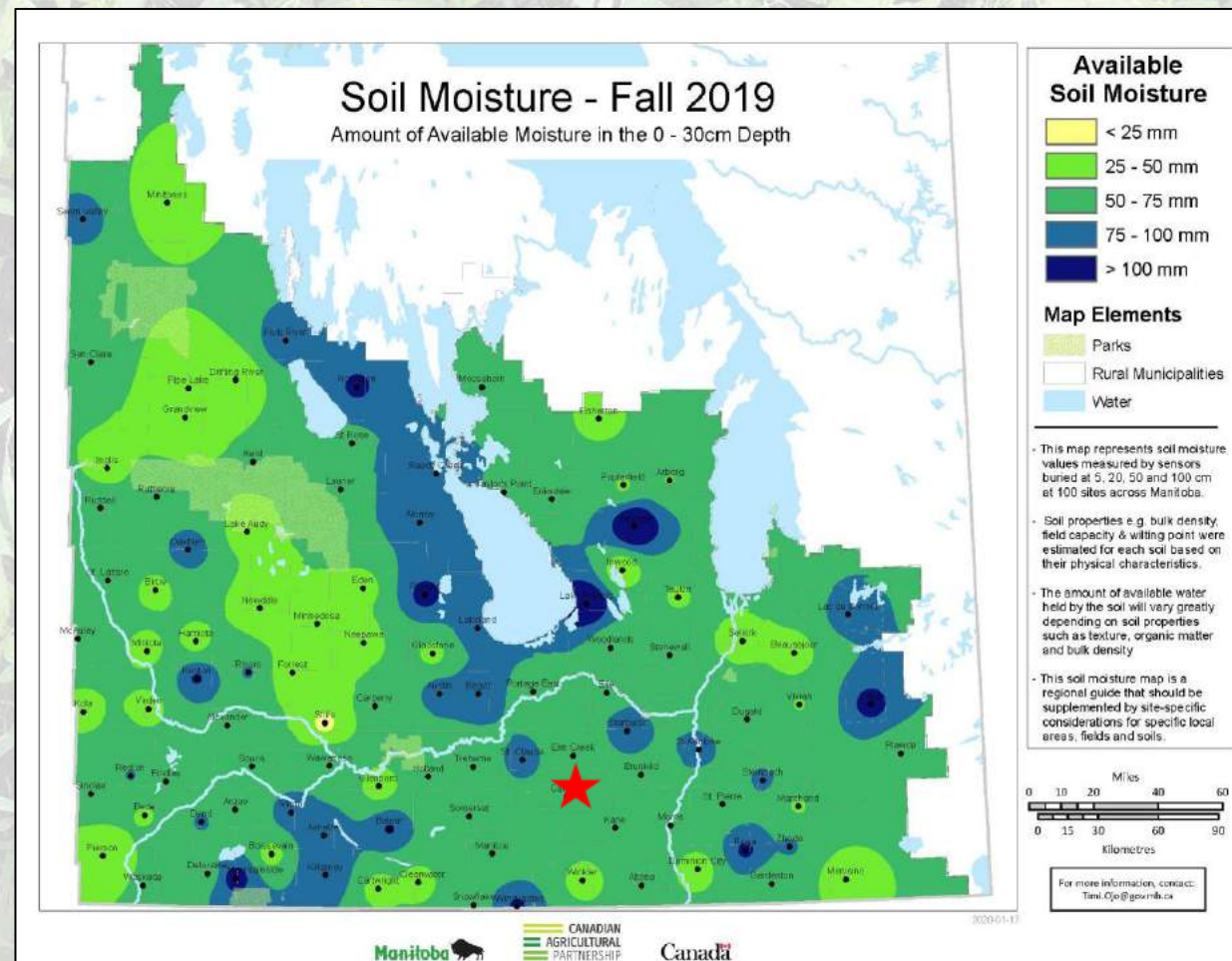


Figure 6. Amount of available soil moisture in the 0-30cm depth for fall 2019 in Manitoba (Province of Manitoba 2019)

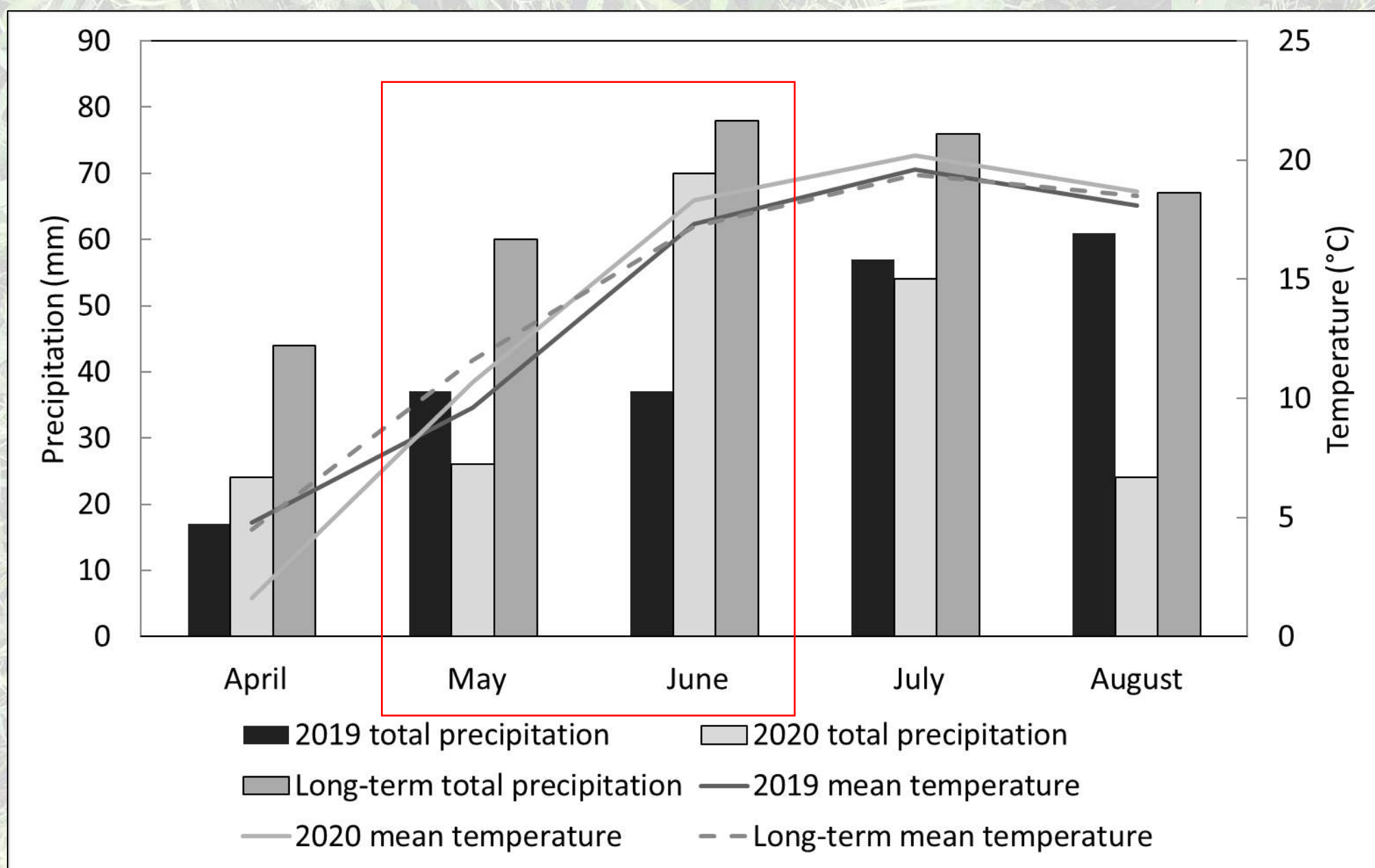
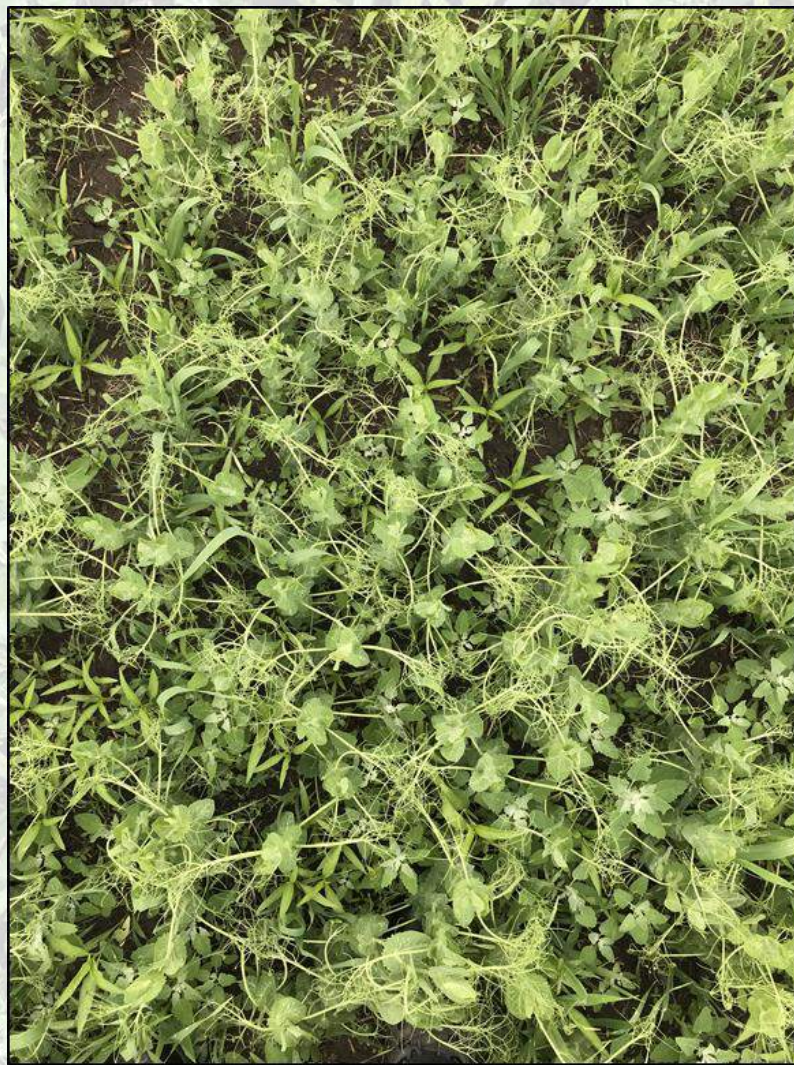


Figure 7. Total precipitation and mean temperature during the Carman, MB 2019-2020 growing seasons (Manitoba Ag-Weather Program, Government of Canada)



Pea+Barley 2019



Pea+Barley Early Seeding 2020



Pea+Barley Late Seeding 2020



Pea+Barley 2019



Pea+Barley Early Seeding 2020



Pea+Barley Late Seeding 2020

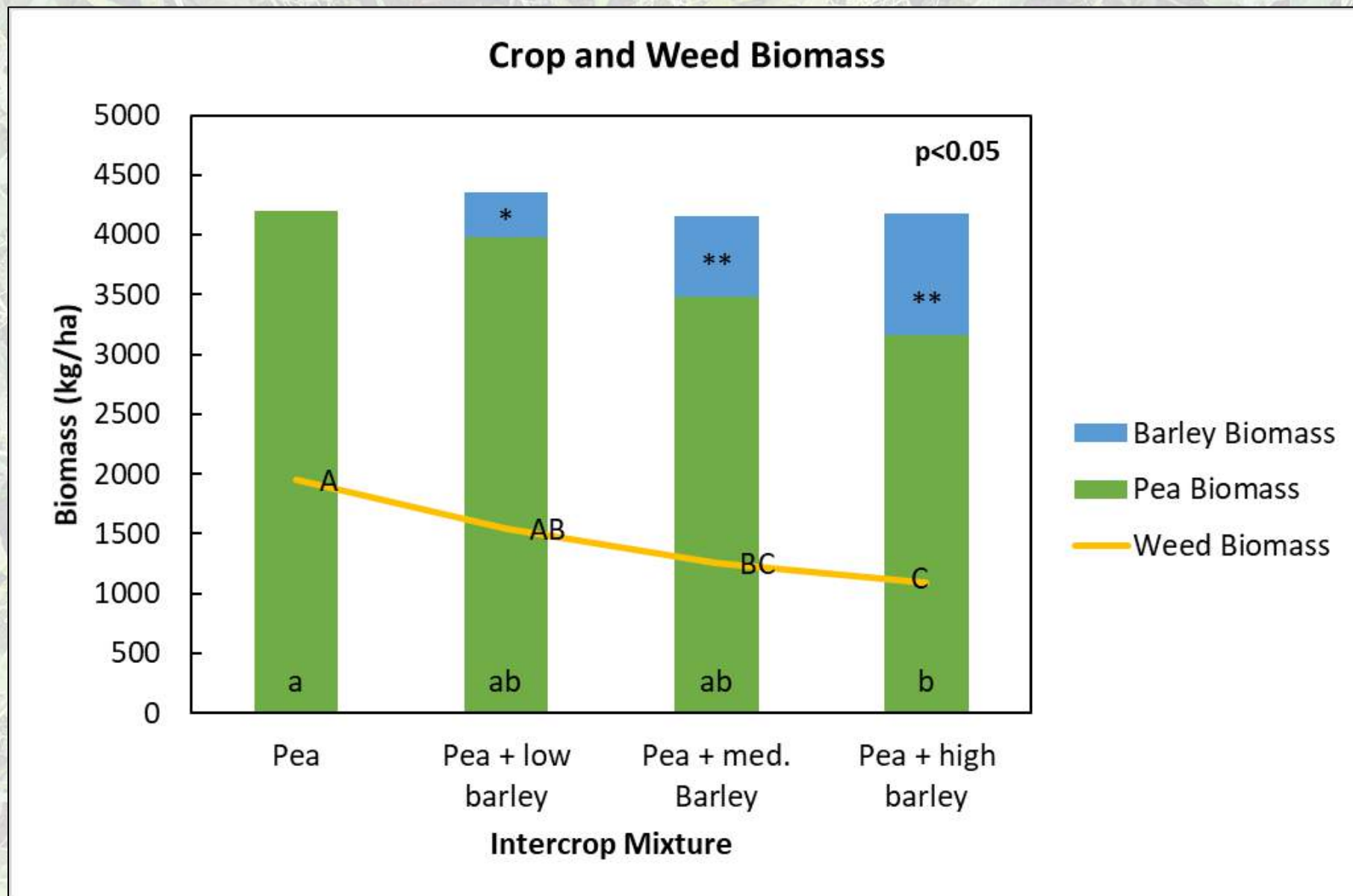


Figure 8. Effect of intercrop mixture on crop and weed biomass averaged over three environments in 2019 and 2020



Pea+Barley 2019



Pea+Barley Early Seeding 2020



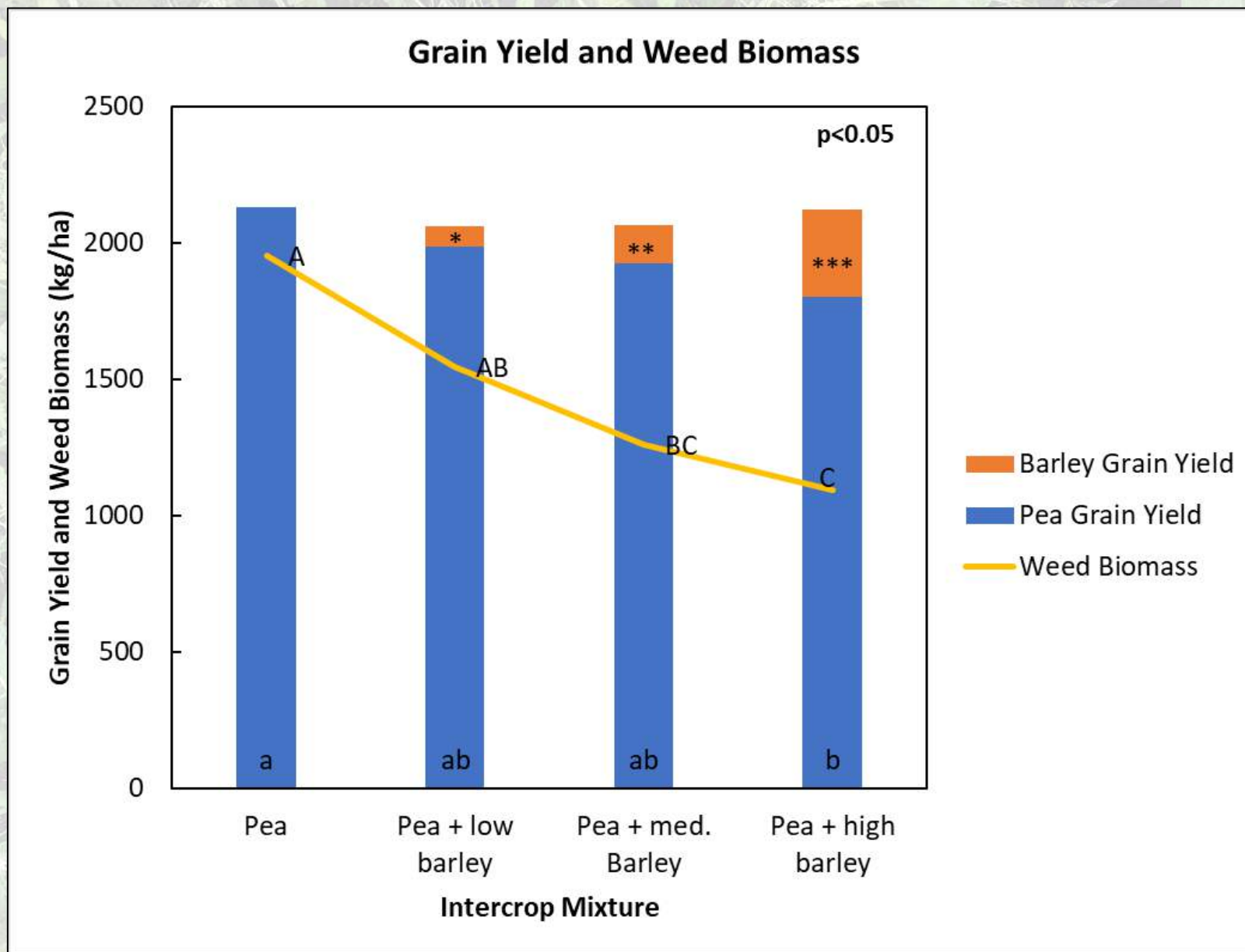


Figure 9. Effect of intercrop mixture on grain yield and weed biomass averaged over three environments in 2019 and 2020

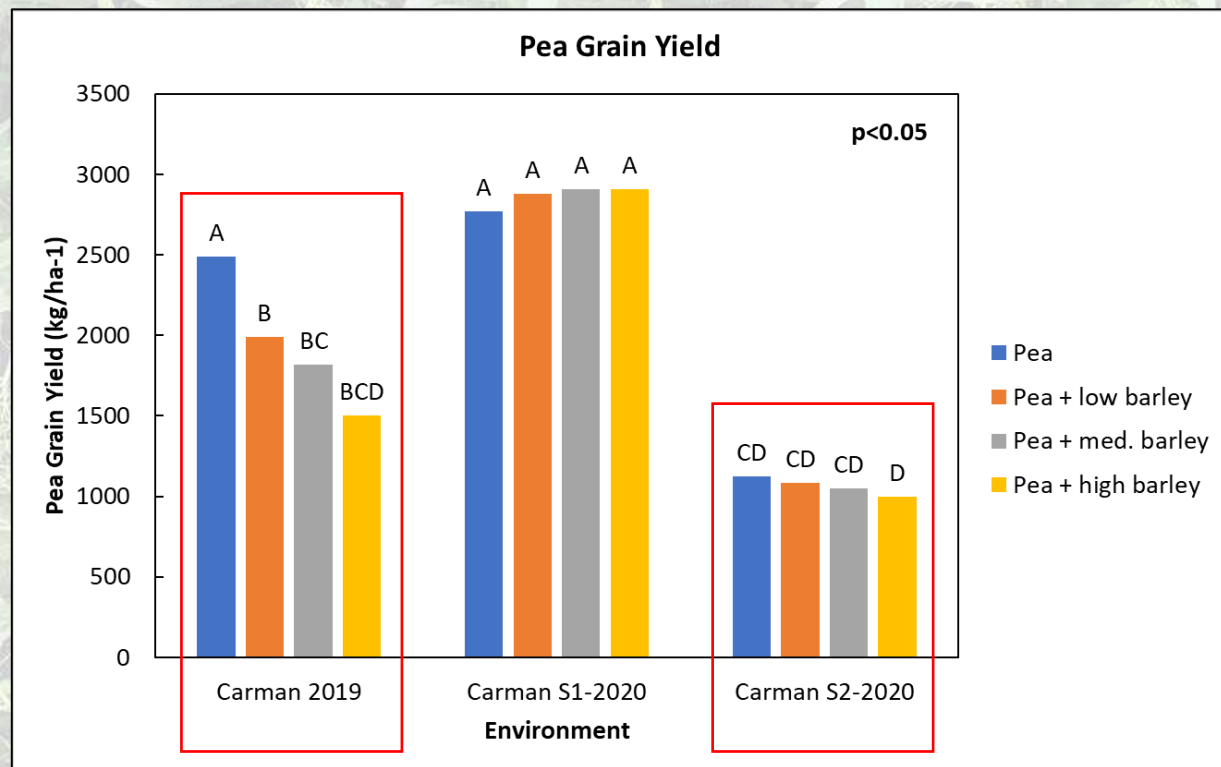


Figure 10. Effect of intercrop mixture on pea grain yield, clustered by environment

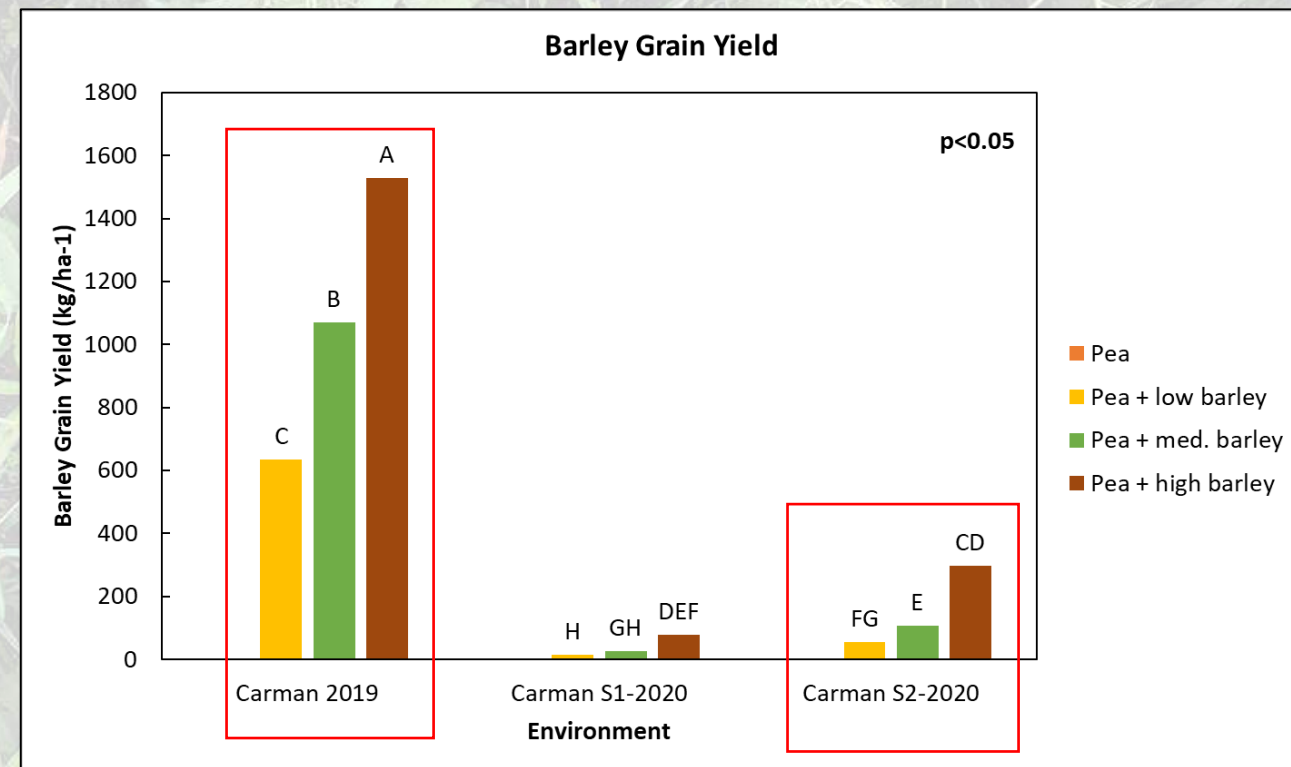
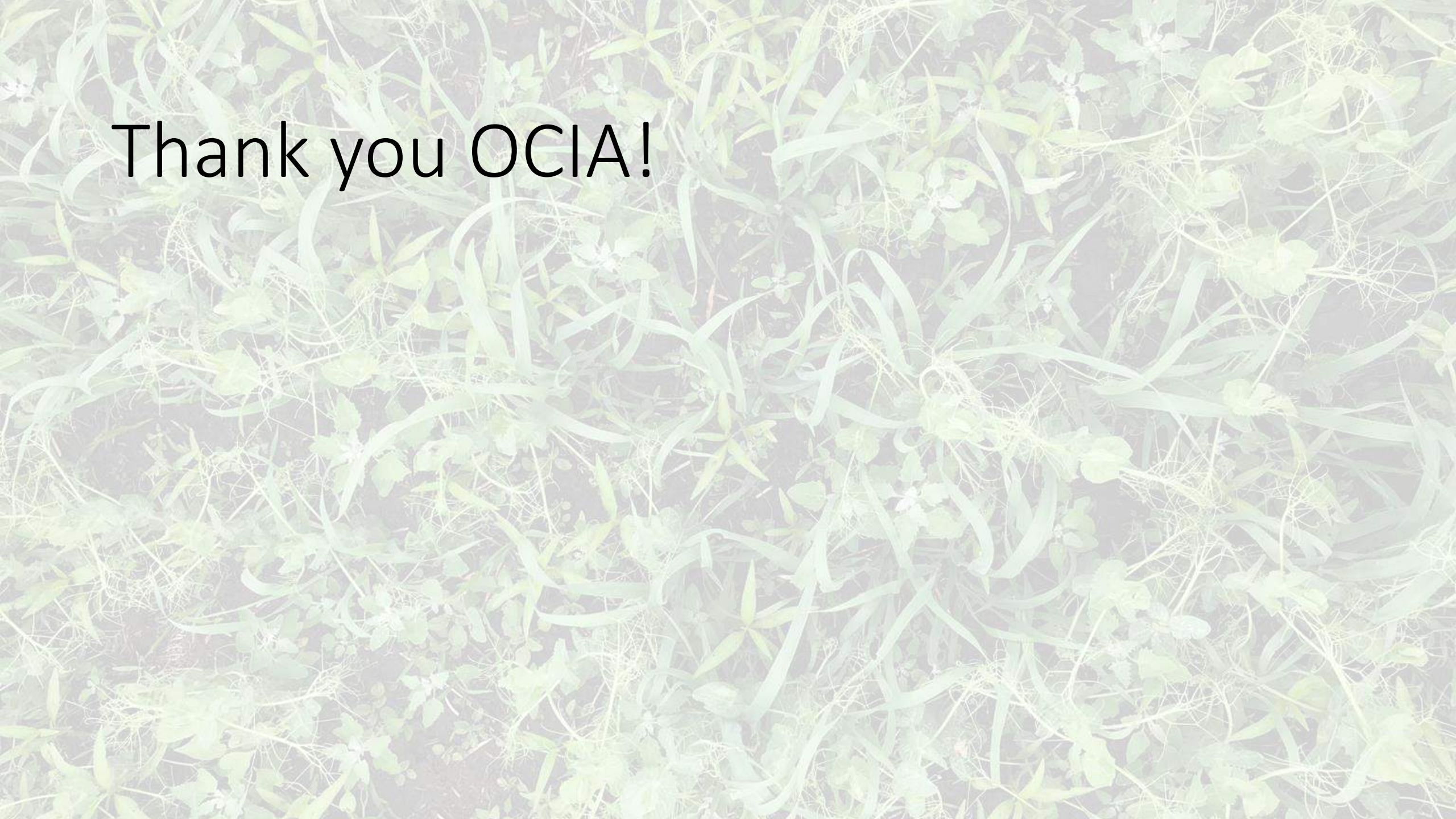


Figure 11. Effect of intercrop mixture on barley grain yield, clustered by environment



Thank you OCIA!