

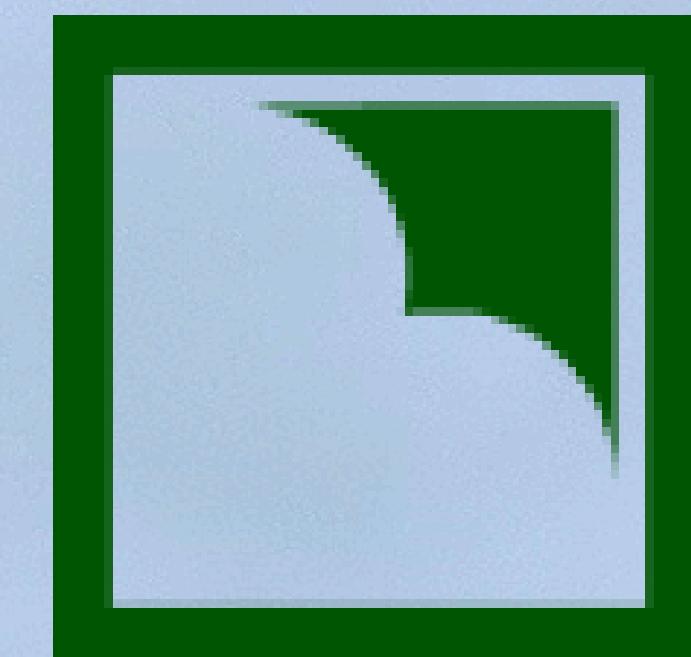
'Fun' with Outfield year 3

(continued from years 1 and 2)

Jon Clements

UMassAmherst

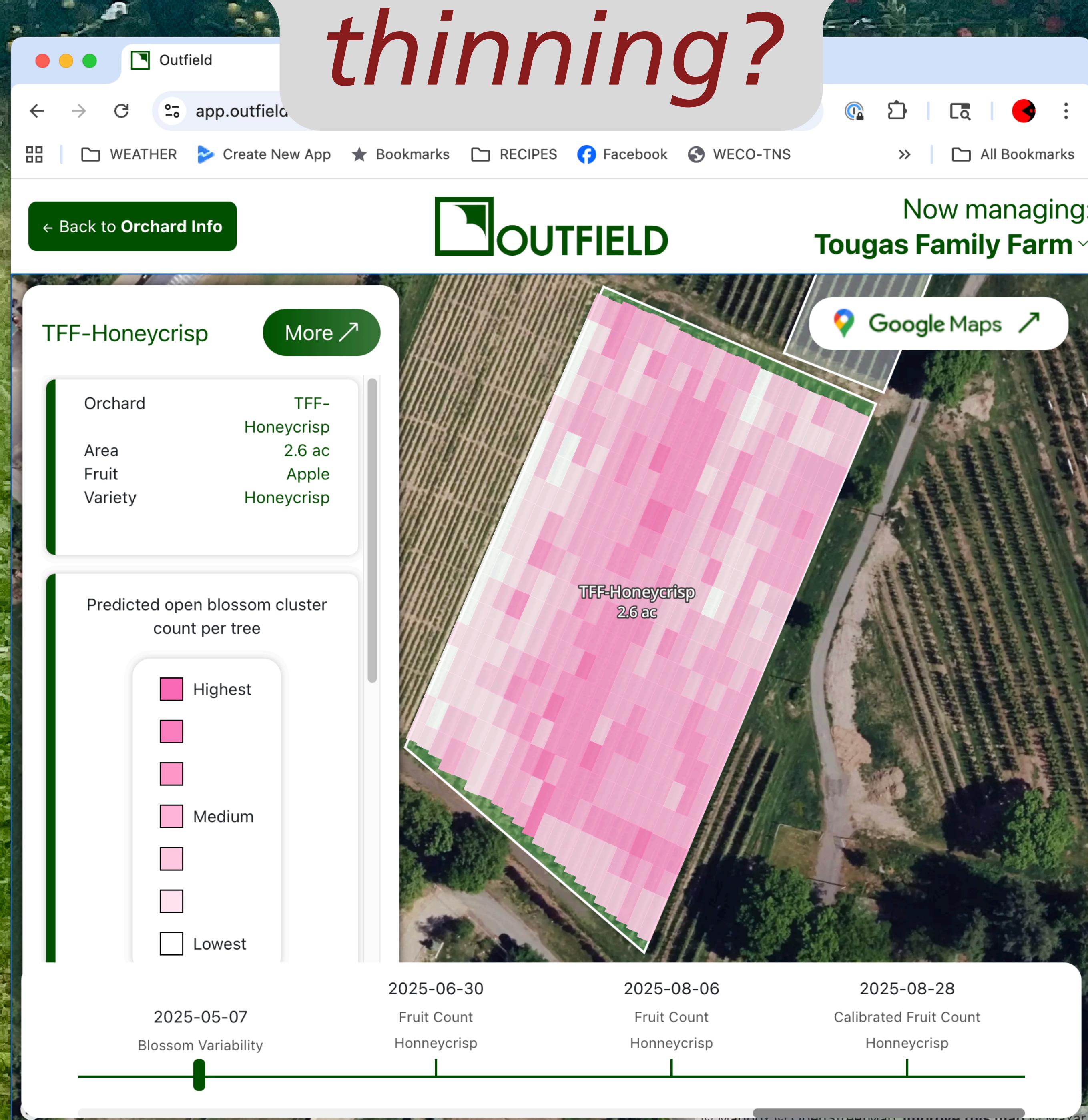
Extension



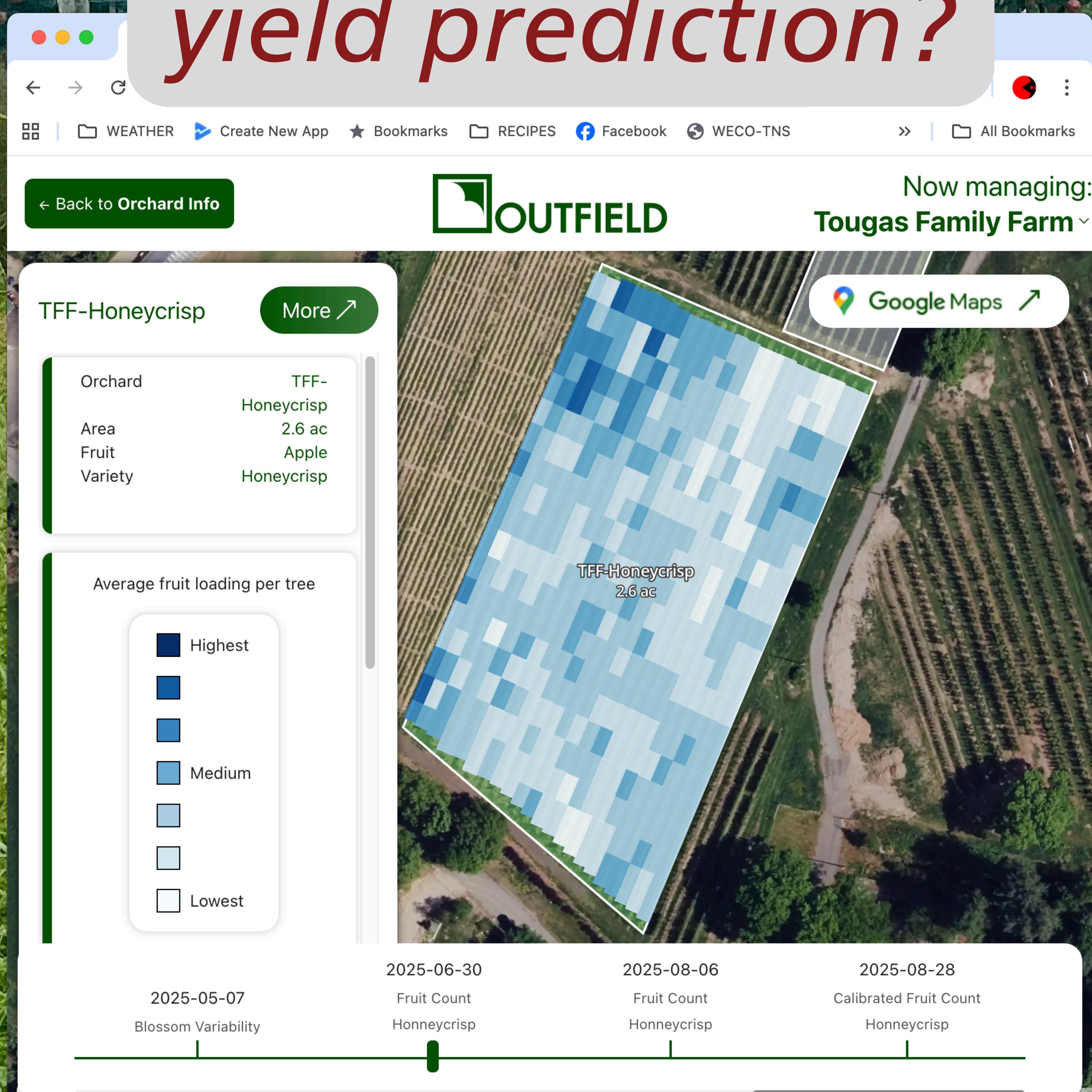
OUTFIELD
outfield.xyz

In 2025 I surveyed 65 acres over 10 different apple orchard blocks that included 9 apple varieties in three states (MA, NH, MN) using a DJI Mavic Pro 3M(ultispectral) UAV. No crashes, no fly-aways, near cm. level accuracy with RTK GPS. The big question remains, ***what is actionable?*** Some resultant maps and thoughts below...

***blossom mapping
variable rate bloom
thinning?***



***crop load management
hand thinning?
yield prediction?***



***yield forecasting
harvest logistics?
sales room?***

