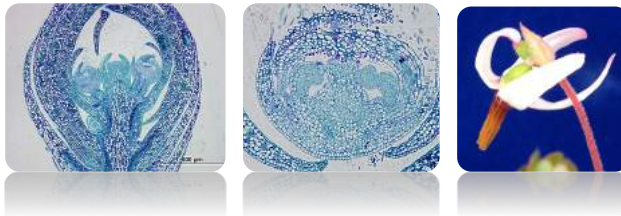




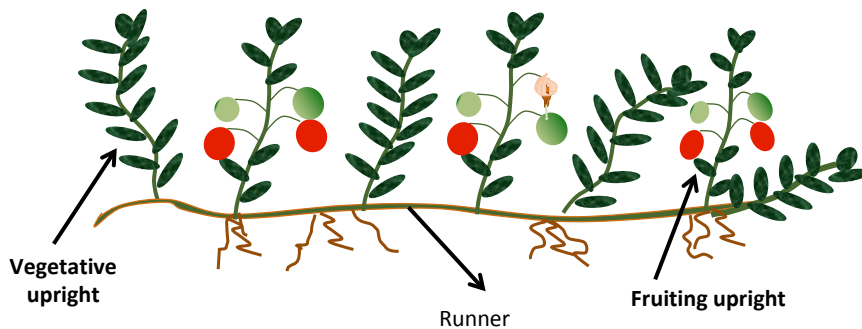
Bud Development from Fall to Spring and its significance on Yield Prediction in Cranberry Production


Amaya Atucha, Jenny L. Bolivar-Medina, Camilo Villouta, and Beth A. Workmaster

Department of Horticulture
University of Wisconsin-Madison

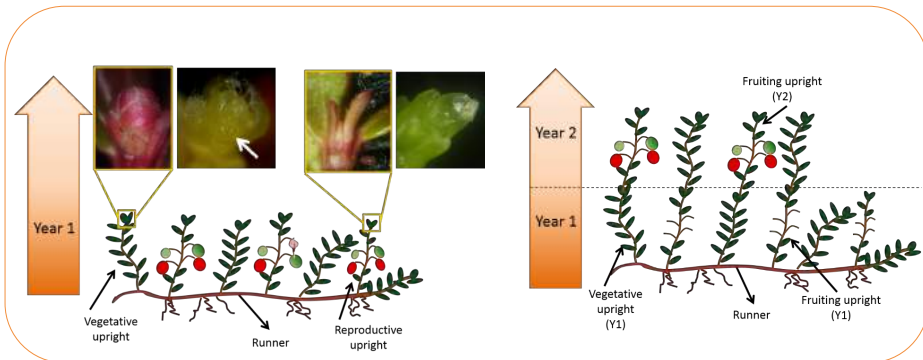


Morphology






Alternate bearing ('Ben Lear')

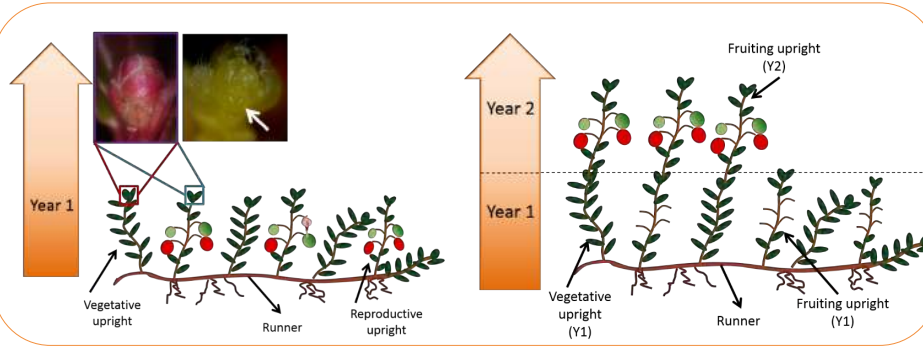


The diagram illustrates the alternate bearing cycle in 'Ben Lear'. In Year 1, vegetative uprights and runners are present, but reproductive uprights are not. In Year 2, vegetative uprights and runners are present, but reproductive uprights are not. This cycle repeats every two years. The diagram also shows close-up images of fruit production in Year 1 and Year 2, highlighting the fluctuations in fruit production.

- Early cultivars → wild selections (e.g., 'Ben Lear') show strong alternate bearing (behavior and fluctuations of fruit production from year to year).

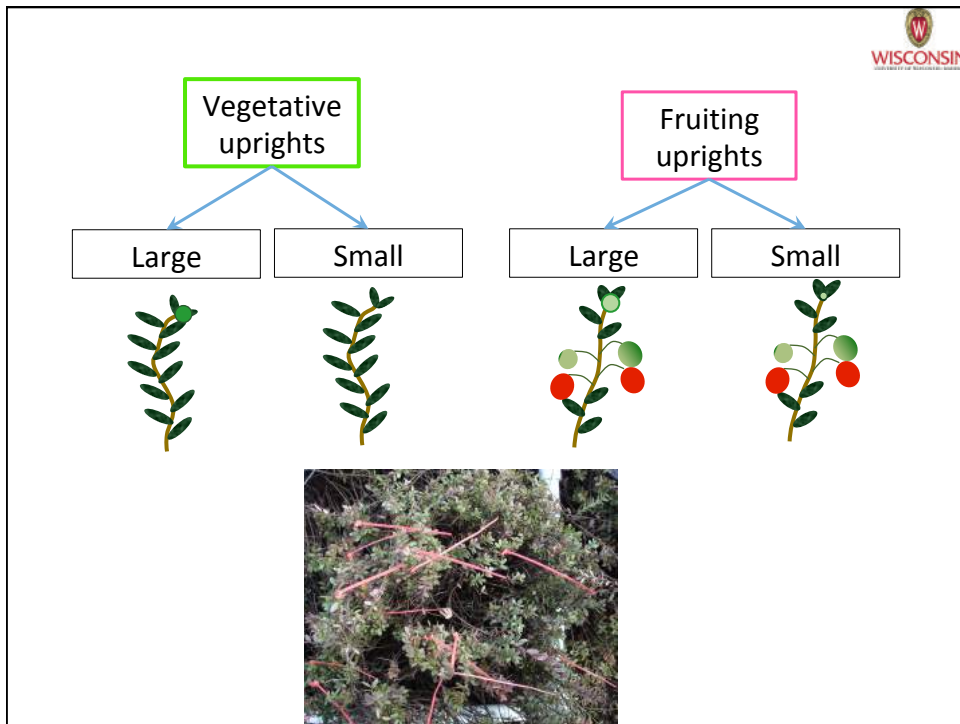
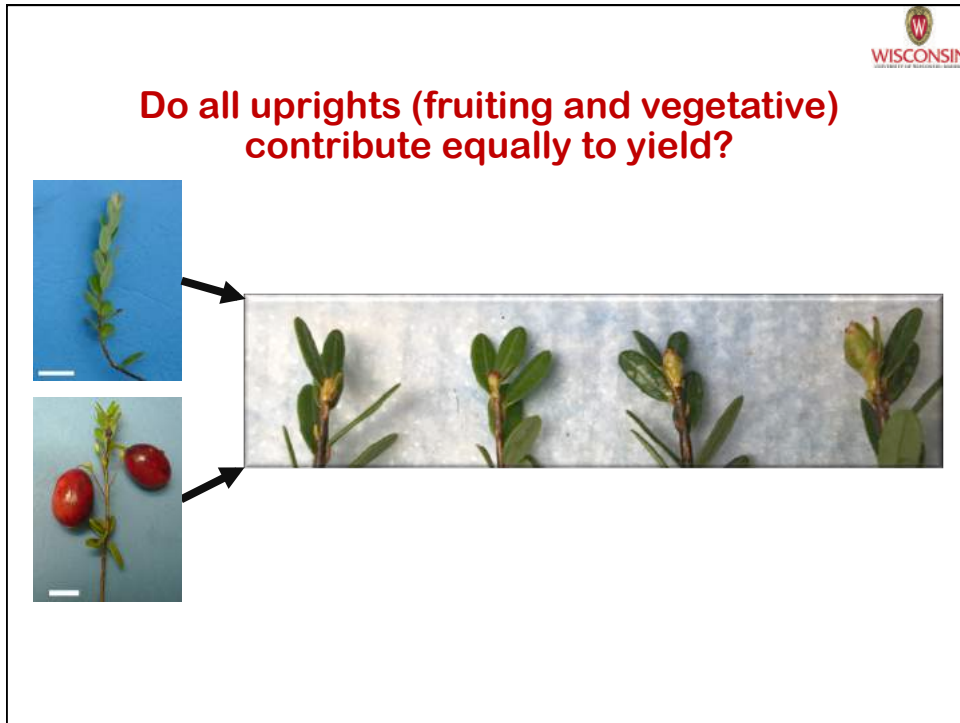



Non-alternate bearing ('HyRed')




The diagram illustrates the non-alternate bearing cycle in 'HyRed'. In Year 1, vegetative uprights, runners, and reproductive uprights are present. In Year 2, vegetative uprights, runners, and reproductive uprights are also present. This cycle repeats every two years. The diagram also shows close-up images of fruit production in Year 1 and Year 2, highlighting the consistent fruit production.

- Recent release cultivars (e.g., 'HyRed') are non-alternate bearing and have higher and more consistent fruit production over consecutive years.







Collection times




Pre-harvest



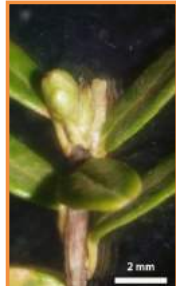
Post-harvest



Pre-ice⁺

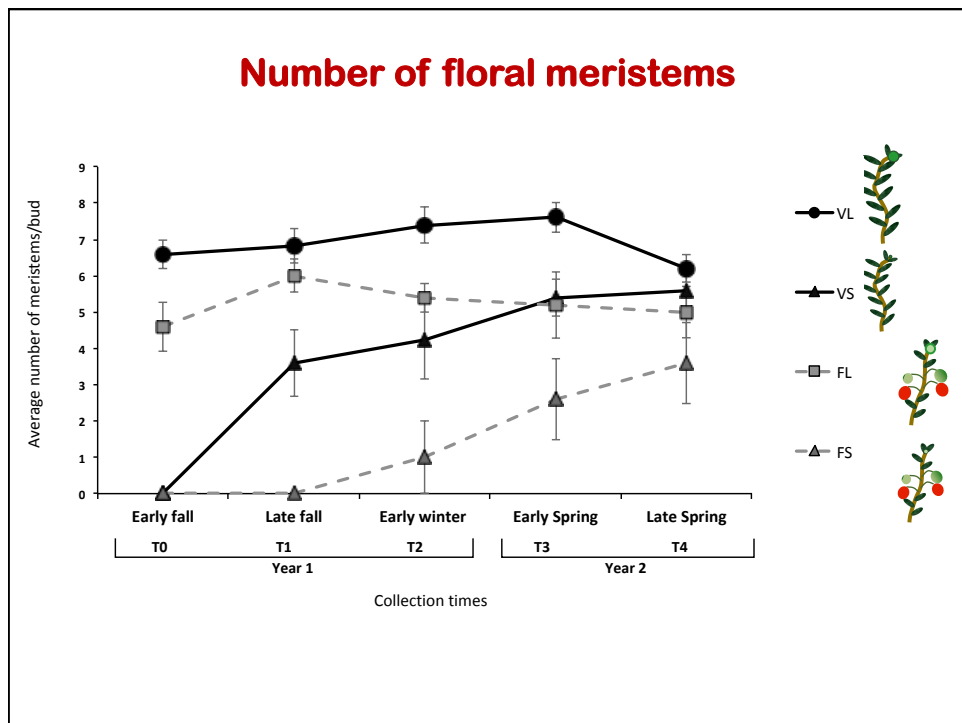


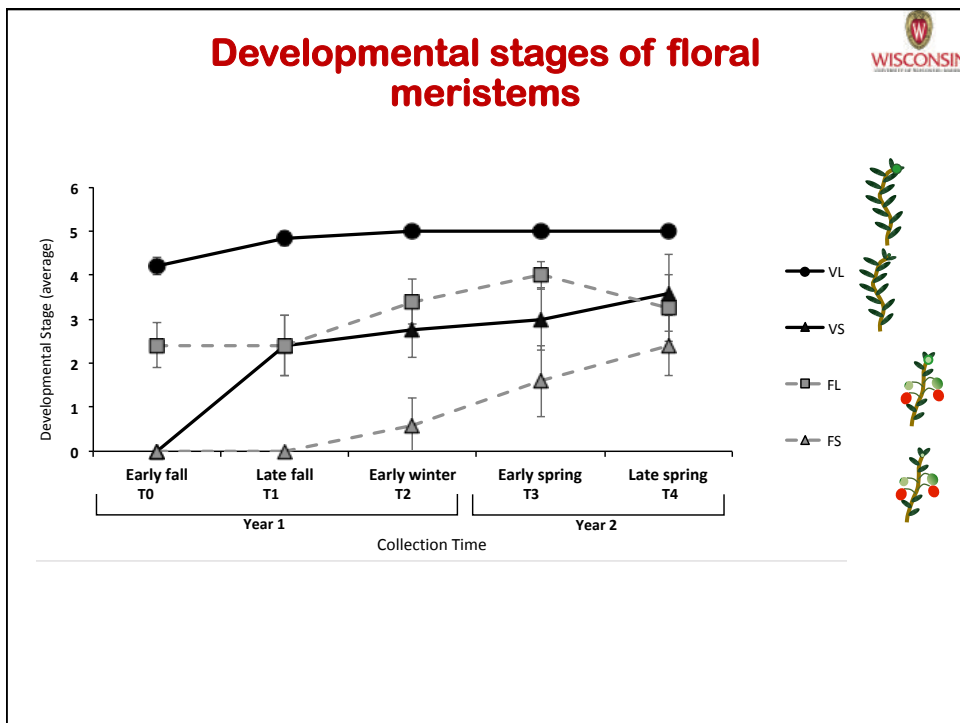
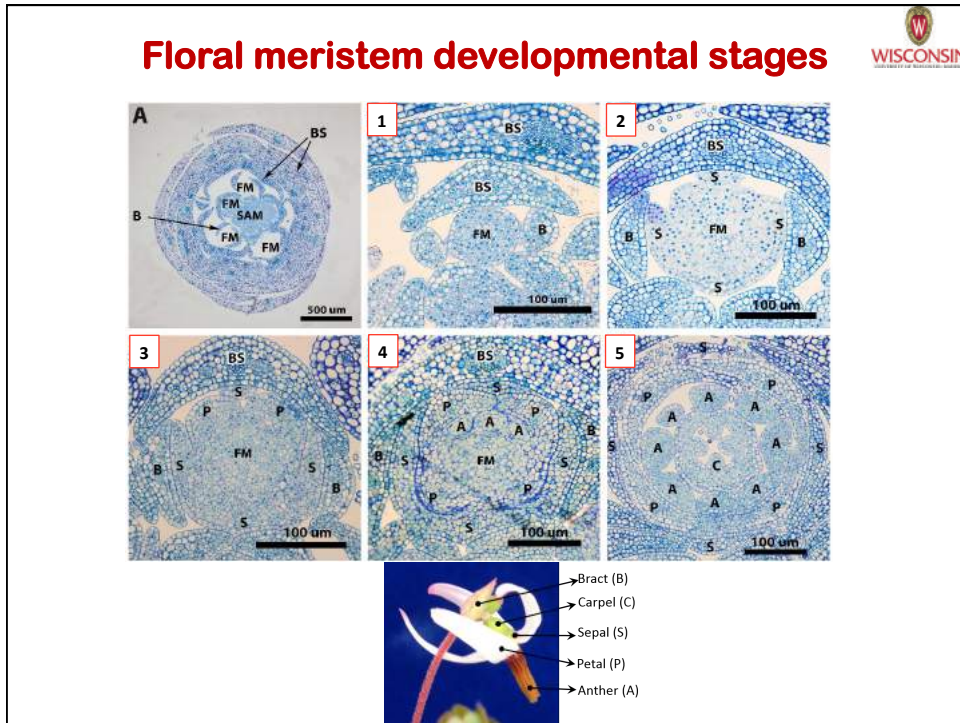
Post-ice⁺

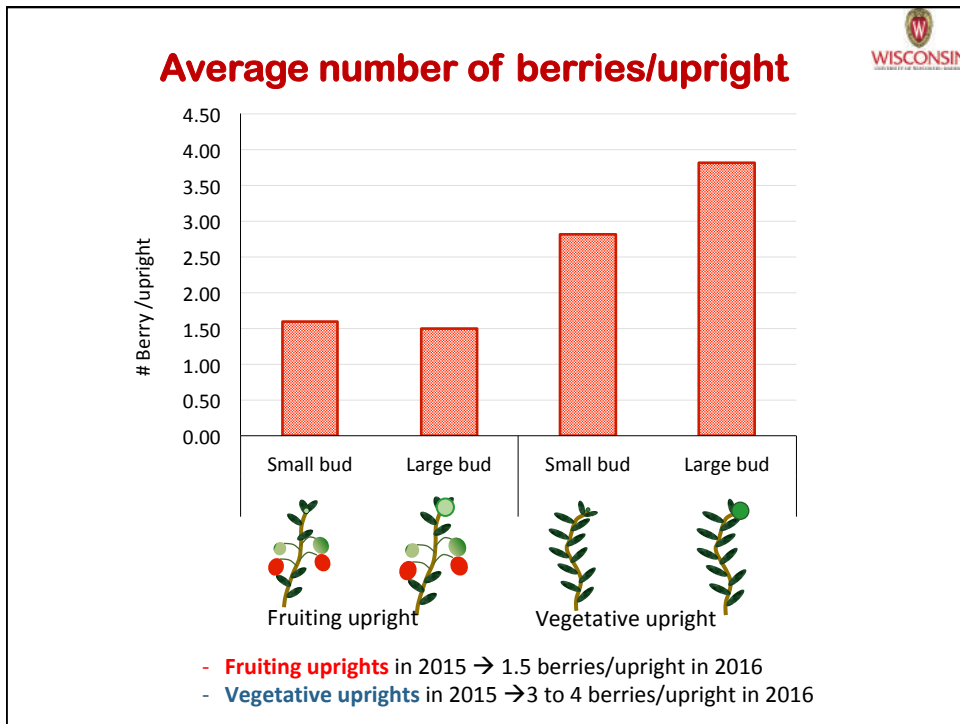
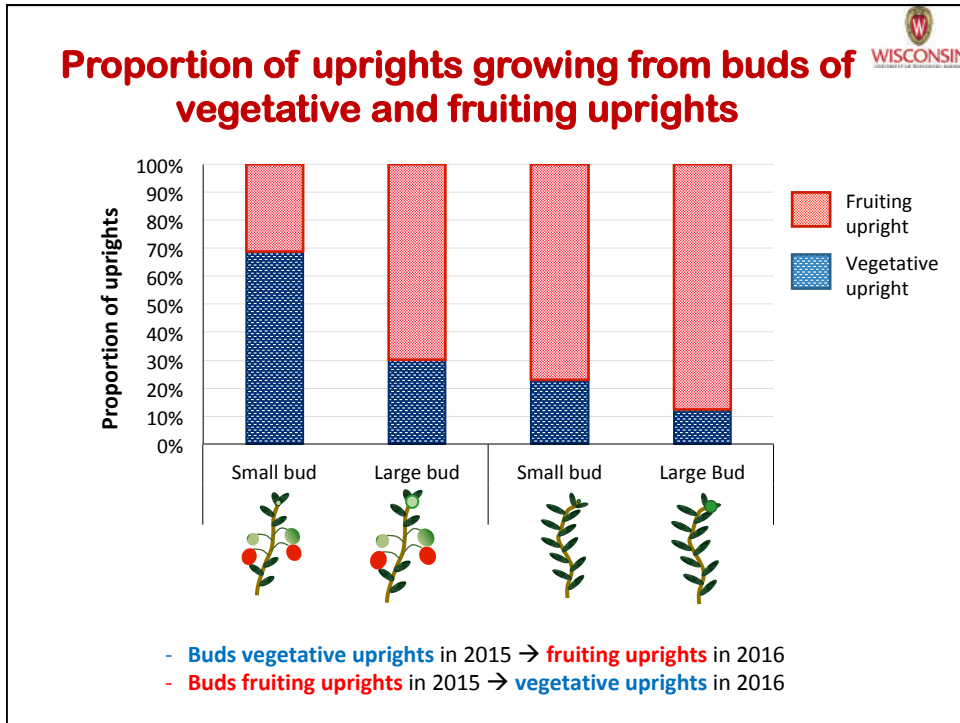


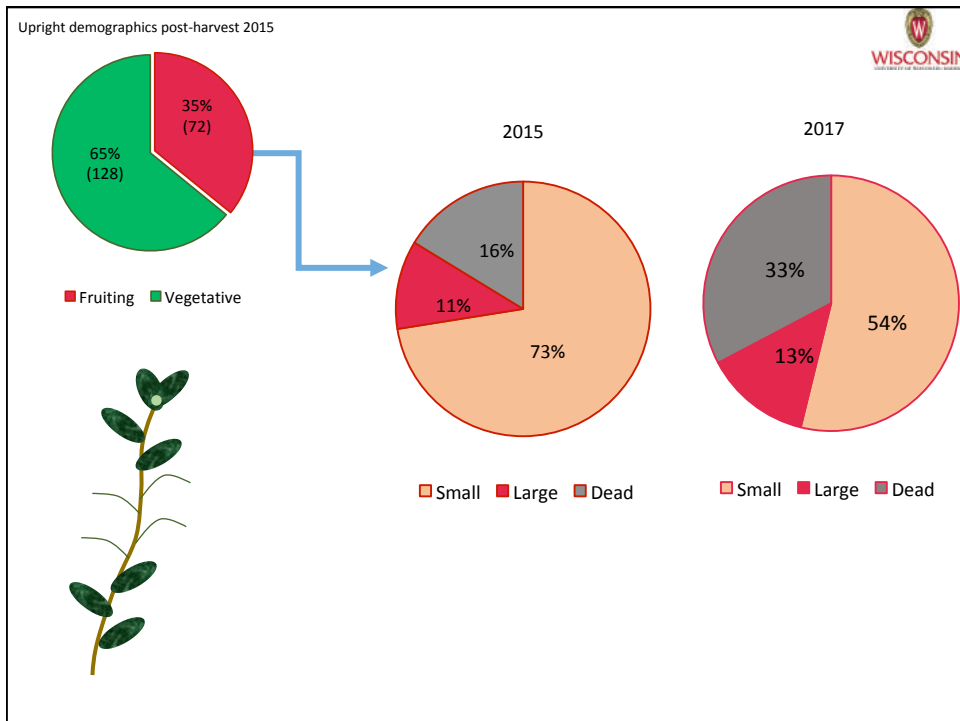
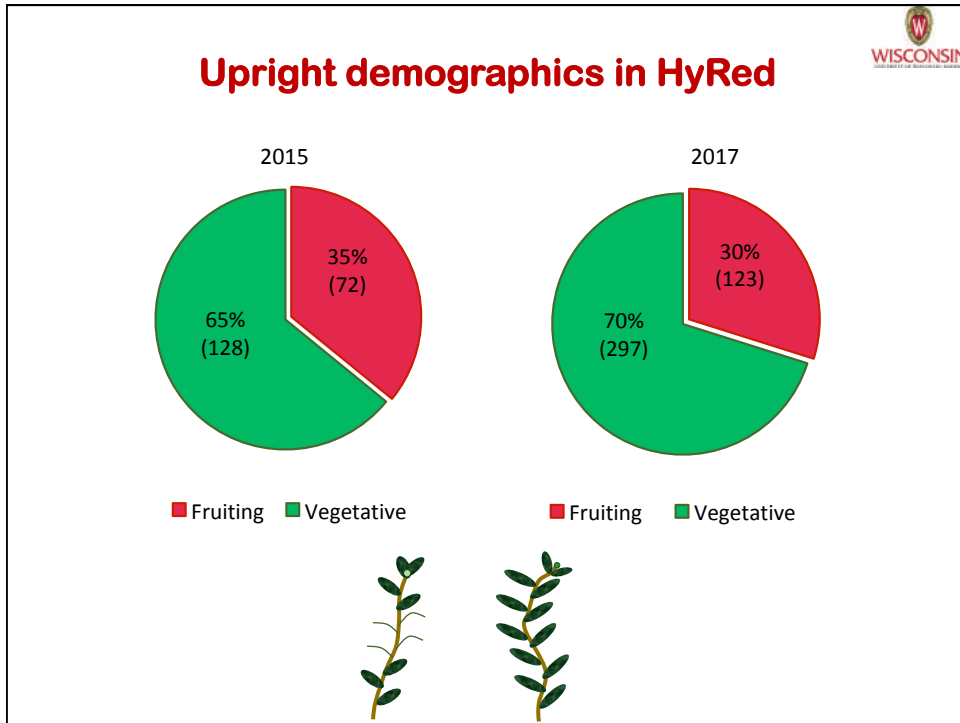
Bud-Swell

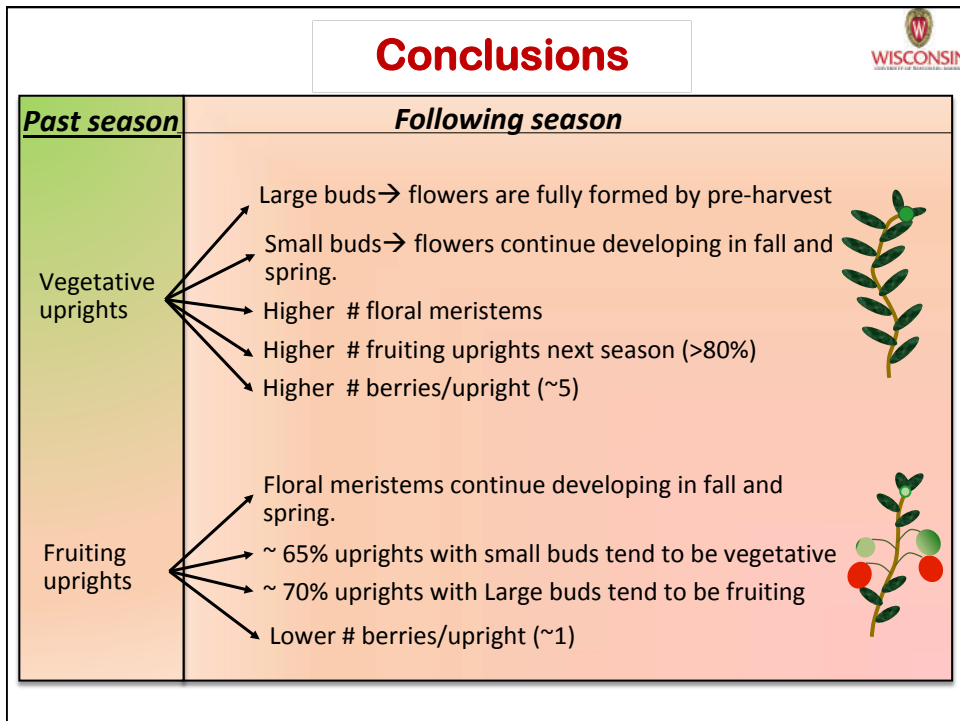
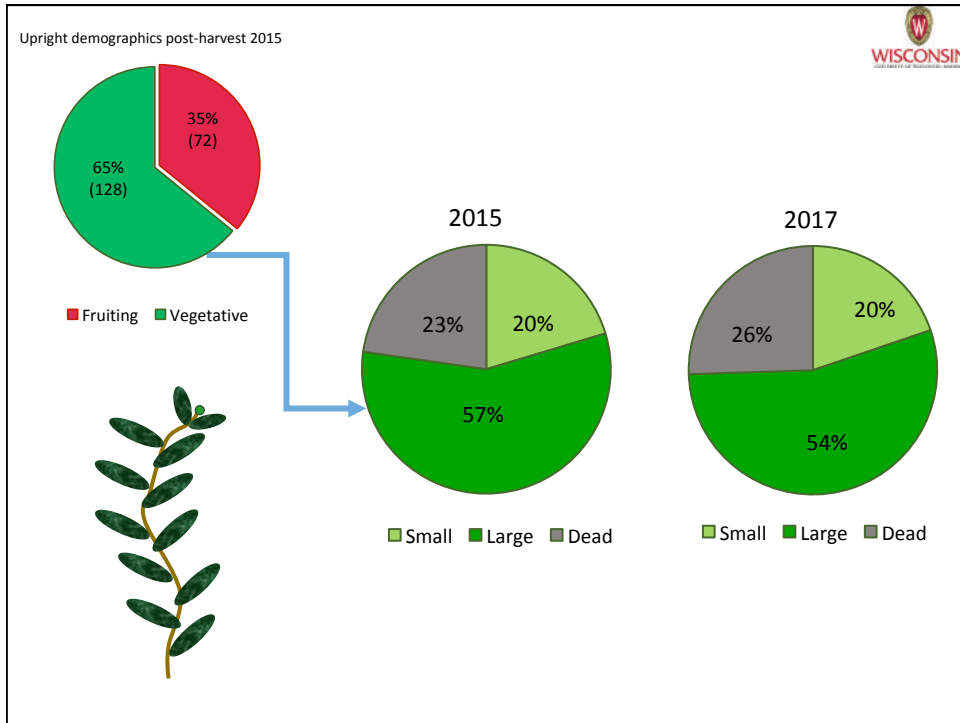
Pre-ice refers = time before the beds are flooded. Post-ice = ice melted and removed from beds













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