Saving time and labor at Oakwood

How we use automation and apps

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Who Am I:

- Steve Louis
- President Of Oakwood Fruit Farm
- 180 acre apple orchard near Richland Center, WI
- 4th generation family business, 117 years in operation
- We have a wholesale operation and a retail store

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Hedging

- We have done dormmate hedging for 4 years now, really like it: " Set the Box"
- We will start to summer hedge this year
- Working on timing; probably later for color

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Hedging

- Built our own unit
- From 3 point mount off an old mower
- Bought a sickle bar and motor from Phil Brown Welding

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Brush sweeper

- Have used for many years
- Phil brown, single arm
- Sweep and chop in one pass

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Brush sweeper

- Looking at dual arm sweeper
  for high density blocks

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Harvest Platform

- We have tried
- We were wanting to eliminate ladders and picking bags
- Still trying to figure out where and how it fits?
- Maybe just for picking tops?
- Use in pruning, summer work
- Right now too expensive, maybe cheaper scaled down type?

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Raven Spray Control

- Spray controls mounted in tractor and flow control in sprayer
- Saves us a lot of time and material
- Can change rate and coverage on the go
- No more changing disks on sprayer
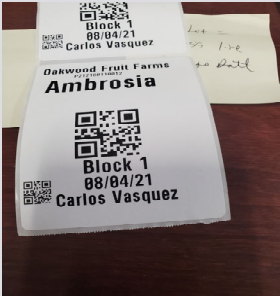- Can speed up or slow down, Raven automatically adjusts flow

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Apps

- Harvest Point
- Stream lined our bin and harvest tracking
- Now one tag on each bin
- Can print tags in the field with mobile printers and use GPS marking
- We can scan and track with our phones where it is down to the minute when it entered the next step in the process.
- From harvest to cooler, packing to shipping
- No more several step and several spread sheet process
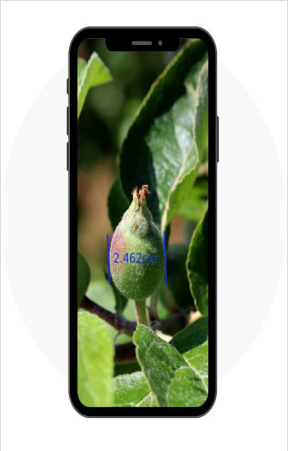
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Harvest Point Software

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Apps

- Fruit Scout
- Precision crop load management
- Precision pruning and thinning
- Photo recognition app
- Faster way to count thousands of buds on thousands of trees
  they say we can do up to 400 trees per hour
- Count fruitlets and fruit also

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Fruit Scout

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Fruit Scout

- As time goes on we can adjust our target crop loads

  if we are not hitting our target fruit sizes

  Much easier to gather and interpret large amounts of data

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Apps

- Jolt
- Scheduling, time clock, employees can clock in from anywhere
- Reports or logs, we do all our food safety reports on it
- Training, can do a library of different videos
- Remote temperatures recorders, automatically logs temps
- Best thing is , you can set scenarios and if the temp is out of range, it will text and email anyone you want
- Create and print labels for bakery, barcode, ingredients

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