

## Lean & Clean Workshop

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### Workshop Outline

- FSMA vs. 3rd Party GAPs Certification
  - Food Safety Modernization Act (FSMA) is **regulated by FDA (required by law)** and requires farms to comply with specific food safety practices on *farms that are subject to the regulation*.
    - Farm **inspections** will be a part of the FSMA Produce Safety Rule for covered farms.
    - PSA Grower Training
  - A third-party GAPs certification is a **buyer imposed program** (voluntary). There are different “brands” of GAPs – ex. Primus GAPs, USDA Harmonized GAPs.
    - Certification usually requires an **audit** and a GAP manual.
    - Various trainings and workshops
- Def of Lean: framework for integrating and systematizing farm; framework for organizing farm
  - To improve efficiency
  - Cut waste
  - And be easy on the body
- Benefits:
  - Improved time management
  - Less risk of contamination
  - More enjoyable work environment
- 10 types of waste
  - O- overburdening (muri)
  - U- uneven production and sales (mura)
  
  - D- defects
  - O- overproduction
  - W- waiting
  - N- Not using employees knowledge/strengths/abilities (unused talent)
  - T- transportation
  - I- inventory
  - M- motion
  - E- Excess processing (overprocessing)
- Tools
  - 5S
    - **Sort (seiri):** get rid of the waste
      - Eliminate unnecessary items in production spaces
      - Simplify toolset, identify what can be accomplished with as few tools as possible
      - Turn waste into capacity to do more

- **Examples/Tips**
  - Organized tupperware in kitchen--got rid of everything without tops and vice versa; able to see now what is there to work with
  - The BUSHES--this is a designated place where you can put all of the things you will maybe need, that you're not ready to get rid of yet; don't let this stuff clutter your production area, give it its own space
- *Set in order (seiton)*: a place for everything and everything in its place
  - Two options for where to put a tool:
    - 1) in its designated location (eye level, put where needed)
    - or**
    - 2) in the hands of a worker
  - Anyone who sees things set in order understand that this place is organized, clean, intentional
  - **Examples/Tips**
    - Tools stored: eye level, definite place, put where they are needed over and over
      - Can reduce risk of contamination from tools
      - Buy more if you need them in more than one place
      - Tools for high tunnel should go in high tunnel and not in shed
      - Compost shovel near compost and only used for compost
      - Bathroom cleaning supplies only used for bathroom and not for produce processing area
- *Shine (seiso)*: clean and inspect or inspect through cleaning
  - Clean the work area regularly; build into job descriptions (if hiring and for yourself!)
  - Neat, clean, tidy spaces motivates workers/yourself
  - Easier to see what needs to be done
  - **Examples/Tips**
    - GOOD LIGHTING makes this step easier and makes this an all around more pleasant experience for yourself and employees
    - Even junk has a junk spot--so it's not cluttering up the rest of the work/more organized area; "the bushes", backstock, "history shed", things gone by that might be useful again
- *Standardize (seiketsu)*: make up the rules, follow and enforce them
  - Define rules for maintaining the first 3 S's
  - Create visuals
  - **Examples/Tips**
    - Labor





- Hanging pray table: easy to move when not needed, easy to clean around
  - Human scale: ergonomic, off the ground, wheels
    - Big cleanable drain
    - Good lighting
- Questions/Final Thoughts
  - Practice! This may not come very easily and you may have to consciously practice for it to click.
  - Kaizen: continuous improvement. You and your farm are a work in progress and you can take little steps now and build off of them in the future.
  - Creating systems can set you and your farm up for success