CLEANING PRODUCE WASH EQUIPMENT – ABSORBER

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PRODUCE BRUSH WASHER 3-SECTIONS: CONVEYOR, BRUSH WASHER, AND ABSORBER







CLEANING TOOLS: VARIOUS DIAMETER BOTTLE BRUSHES, DRYER VENT BRUSH, MULTI-PURPOSE PAINT SCRAPER, LONG HANDLE SPONGE SCRUBBER



ABSORBER MADE UP OF FOAM DONUTS SET ONTO SPINNING AXLES





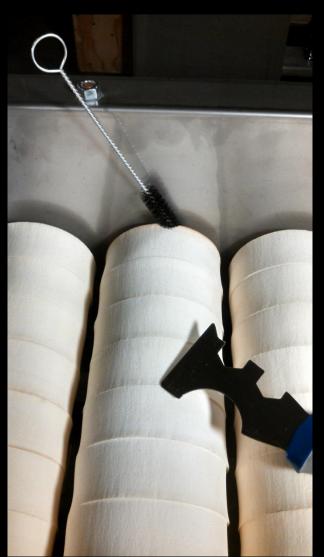


ABSORBER DONUTS SPIN & "WICK" OFF WATER FROM PRODUCE COMING OUT OF BRUSH WASHER



DEBRIS GETS SMEARED ONTO DONUTS, BETWEEN DONUTS, & AXLES ENTERING HOUSING







CLEANING DONUTS

- Smeared on debris and oils requires more detergent application
- Scrubby sponge is used to rub off vegetable matter
- Turn the absorber on then off to rotate donuts so all surface areas can be cleaned
- Clean drive cylinders from underneath absorber
- Caution is needed while machine is running

CLEANING DONUTS CONTINUED

- To reach material stuck between donuts, multi-purpose paint scraper tool works well
- Small diameter bottle brush can reach debris between donuts & housing
- Care must be taken not to gouge or tear foam donuts with sharp tools
- Foam donuts could be replaced annually

TO CLEAN DEEPER, CHAIN GUARDS NEED TO BE REMOVED





THIS EXPOSES AXLES, CHAINS, AND WOOD





TO SEPARATE ABSORBER, DISCONNECT CHAINS





CLEAN INTERNALLY WHERE DEBRIS ACCUMULATES INCLUDING ROUGH WELDS





PULL OUT DRIP PAN. LIFT UPRIGHT







- Clean legs & supports
- Clean underside of donuts
- Clean drive cylinders.
- Clean underside of drip pan, outlet tube, & corners
- Have wheels on for easy moving
- Might be necessary to replace donuts once a year

CLEANING TAKES TIME

- Cleaning the absorber starts with the plate connecting it to the brush washer
- Each line of donuts must be cleaned 30-45min
- Underside drive cylinders 20-30 min
- Housing and around axles 20 min
- Legs and drip pan 15 min
- Deep cleaning starting with disassembly of chain guards and disconnecting chains total of 3-4 (with reassembly)
- Do deep cleaning in off-season and daily maintenance cleaning during season

RECOMMENDED TIPS AND RESOURCES

- Replace donuts in the off-season
- Ask equipment rep if single section donut available
- To view wash equipment checklist <u>https://rvpadmin.cce.cornell.edu/uploads/doc_73</u>
 <u>4.pdf</u>
- Explore more farm food safety resources at the Cornell Vegetable Program site cvp.cce.cornell.edu