



# AGRI-STOR COMPANIES

## Harvest Time checklist

### REMEMBER....

After vine kill, keep soil moisture between 60-65% to help minimize tuber dehydration. The tuber will shrink/pressure bruise if it is harvested too dry. Also, only harvest when pulp temperatures fall between 48 and 60 degrees.

- ✓ Pre-cool cellars 2 days prior to filling. Begin running air and humidity as soon as the piles are started and cooling is available. The first 2-3 weeks in storage is when the tuber is more prone to moisture loss. It is best to apply 95%+ humidity unless you have disease or moisture issues.
- ✓ When starting the system, and the storage is NOT full, you have 2 options:
  - With frequency drives, slow the fans down.
  - Without frequency drives, partially open duct holes to handle the heavy volume of air. Run air and humidity immediately.Pulp potatoes while filling storage. Adjust panel settings high enough to get run time, but low enough not to warm the pile.
- ✓ If utilizing refrigeration, remember - it dehydrates the air. Use extra humidity.
- ✓ Suberization is the process that starts when you harvest. The tuber will continue to heal until storage temperatures reach 40 degrees. Faster suberization occurs at warmer temperatures. Processor recommendations are to suberize above 55 degrees. However, the longer potatoes are held warm, the more potential for any type of infections to spread increased shrink/pressure bruising.
- ✓ Time to suberize in storage is usually 10-21 days. For process potatoes, a temperature reduction rate of two to three-tenths of a degree every 24 hours of run time. Fresh potatoes can be ramped down faster, depending on your air flow (cfm/ton) and cooling air availability. Ramp down at three to five-tenths of a degree per 24 hours of run time until the pile temperature reaches your target temperature. To prevent excess shrink, keep cooling air at 1-4 degrees less than the coldest potatoes.



# SHOW SOME LOVE FOR YOUR SPUDS



**CONTACT AGRI-STOR COMPANY**

**FOR ALL YOUR POST-HARVEST SOLUTIONS**



**208.733.7000**



**facebook@AgriStorCompanies**