



COMPANY

PROTOCOL

To: GROWERS
From: Wyoming Sugar Ag Department
Date: September 6, 2019
Re: Factory Yard and Harvest Conditions Protocol

FACTORY PILE YARD PROTOCOL DURING LIMITED HARVEST

There will be limited harvest on #2 and #3 (evaporative cooling) then #5 straight ventilation. We will manage the limited harvest piles by rotating pilers. Diseased beets will need to go to piler #4- initially – then straight into the factory.

Harvest conditions protocol

Harvest condition protocols allow everyone to know what conditions may require special harvest procedures to help minimize storage losses.

The following scenarios are possible

- Warm conditions
- Freezing conditions
- Wet conditions
- Diseased beet conditions - work with Myron

Conditions for suspending harvest warm weather conditions

- Beet temperatures
- Forecasted temperatures
- Forecasted moisture
- Nighttime and Daytime Ambient Temperatures
- Amount of beet storage on hand

Harvest options for warm temperatures

- Digging partial days
- Keeping defoliator just ahead of harvester
- Let topped beets that do not get harvested cool down over night
- Digging early morning
- Digging during nighttime hours
- Not loading warm beets in trucks for delivery
- Identify Diseased beets and notify Myron

Warm weather condition

Wyoming Sugar Company does not want to receive beets warmer than 55 degrees Fahrenheit. The decision to suspend harvest will be made on the following considerations:

- Beet temperature at certain the time of day. (morning vs. afternoon)
- Forecasted temperatures.
- Forecasted moisture
- Nighttime and Daytime ambient temperatures
- Amount of beet storage on hand.
- Options for suspending or modifying harvest may include digging partial days or digging during the nighttime hours when beets can be received at optimum temperatures.

Growers will be put on alert as soon as possible of impending conditions by texts and posts in scale houses. Then they will be notified by the same means when a decision is made. We will give a two to three-hour lead so the beets that are topped can be harvested and delivered. Wyoming Sugar Company's hope would be that growers would get any beets harvested that were already topped and not leave any beets on trucks.

Example: The afternoon temps are forecasted to reach the upper 70's on the next day. Wyoming Sugar Company will put out a warm weather warning. If at 10:00 a.m. beet temps are in the upper 50's we will shut down at noon. If the beet temps are in the high 40's we may stay open all day. It may depend on what happens with the beet temps and ambient temps.

Beets received with temperatures exceeding 50 degrees:

- 1st Truck may be received and processed ASAP; however, if excessive 1st load will be sent home.
- 2nd Truck will not be received and returned to grower for unloading and cooling of beets.
- Goal is to maintain pile storage temperatures as cool as possible.
- Maximize use of ventilation and evaporative cooling

Financial penalties for violations may be assessed

Alerts during warm weather conditions

- Growers will be put on alert ASAP of impending conditions
- Text Messages
- Posting in Scale Houses
- Goal is to notify with a 2-3-hour lead time.
- Discontinue topping
- Empty all trucks

Cold weather conditions

We simply cannot put frozen beets in a pile. The decision to suspend harvest will depend upon frost damage to the beets.

Alerts during cold weather conditions

- A cold weather warning will be issued the day before depending on weather forecast.
- Text Messages
- Posting in Scale Houses
- At 7:00 am Field Survey will be Performed
- Text Message will be issued if harvest hours are modified.
- The morning after a freeze warning, grower should not send any trucks until “go-ahead” has been determined.

Frost damaged beets

- 1st Truck may be received and processed ASAP
- 2nd Truck will not be received and returned to the grower. Frozen beets may not be accepted.
- The objective always is to maintain pile storage capability

Financial penalties for violations may be assessed

Cold harvest conditions may require flexibility

Wet weather conditions

Muddy beets are not conducive for beet storage. Damage to receiving grounds result in pile poor storage and digging up pile ground during re-haul.

Alerts during wet conditions

A wet weather warning will be issued the day before depending on weather forecast.

- Text Messages
- Posting in Scale Houses
- Amount of Moisture will determine when receiving station will be open

Beets received with excessive mud plug up a pilers

- Truck may be received and processed ASAP
- 2nd Truck will not be received and returned to the grower. These beets will not be accepted unless properly cleaned.

Financial penalties for violations may be assessed

Wet harvest conditions may require flexibility

Extra considerations

- If you get caught with some topped beets and we shut down because of heat let them cool down over night and dig them in the morning. Don't put them in a truck warm.
- If in case of a freeze contact Wyoming Sugar Company, Myron or Joe, if you have any topped beets. Even the smallest amount and we will get them directly in the flume.
- New scale personal this year please be patient.
- Make sure the correct contract numbers are posted on your trucks.
- Please confirm that you and your employees are getting the Wyoming Sugar Alert texts. If need be, we can add them.



Michael D. Greear, CEO