

**August 21, 2020**

**To Whom It May Concern:**

Thank you for contacting Mountaire Farms regarding your interest in the Minh & Hai Farm after visiting and walking through the houses, the following upgrades would be necessary for consideration to place birds in these houses. This **IS NOT A LETTER OF INTENT**, and is only information on what is necessary to possibly obtain a letter. Unless house specific all items are for all houses.

- House 3 & 4 replace existing feeders and suspension, including chick mates with new approved type.
- House 1 & 2 Cumberland Hi Lo pans are acceptable. Replace feeder tubing.
- Add chick mates to second chambers between every other pan.
- Replace existing drinker system and suspension with new approved type. Rigid Stand tubes and separate regulators and end assemblies, each chamber is required, with flush system, all houses.
- Install new cross curtains.
- Tunnel fans- 1,2, & 3 need 228,150 cfm total tunnel fan capacity at .10 static pressure each house. This would be 9 tunnel cone fans of at least 26,000 cfm at .10 each. All existing fans used need guards in place, complete cones, new belts and good bearings.
- Tunnel fans- House 4 needs 245,700 cfm total tunnel fan capacity at .10 static pressure. This would be 10 tunnel cone fans of 26,000 cfm each at .10 static. All existing fans used need guards in place, complete cones, new belts and good bearings.
- House 4 will require an addition 10 feet of 5 ft. pad per side.
- Tunnel doors required all houses, wired to and controlled by the controller.
- All side doors need repairing or replaced to operate properly.
- Replace all controllers with new controllers of approved type with Mountaire standard back up system in place.
- Tube heaters should have maintenance performed, all should be in clean condition with good fitting reflectors.
- All grow out lights to be A19 style 800 lumen minimum LED dimmable on 16-foot centers, two lines. Lights need to be on dimmer which can dim bulbs to a .003-foot candles at floor level and wired to operate by controller. A separate brood circuit of 1200 lumen or greater A19 style LED's on 16-foot centers, two rows, in brood chamber. Wiring must meet code. LED compatible dimmer. All brood and grow lights must run through controller-separate.
- Each house is to have 4- 36" cone fans for minimum ventilation, two on pad gable end, two gable tunnel fan end. If existing fans are used they need to be in good working order with new belts, guards in place and good bearings.
- Houses need to be in tight condition to pull at least .15 S.P. with two 36" cone fans.
- Properly repair any missing, torn or damaged ceiling material.

- Cross over fogger lines to Mountaire specifications. Lines should start at end of cool pad and spaced every 40 feet stopping 80 feet from opposite end of house. Each line should have a separate cut off. Booster pump and solenoid wired to operate by controller. Tips approximately 1 gallon/hour.
- All roads, load out areas need to be covered with stone, millings or hard-shell material. Each house should have a 75' x 75' load area at each end.
- Have five sets of migration barriers, wire shelving type, 16" height, ½" grill spaces with proper stands.
- Sidewall insulation needs to be checked and brought to a minimum of R-11.
- Ceiling insulation needs to be checked and brought to a minimum of R- 19.
- Add 36" blow back fan, tunnel end wired to controller
- Startup delay timers should be installed to each controller to prevent generator overload.
- All electric is to have proper covering and to code.
- Remove, clean up all unnecessary materials from the production area.
- Each house is to have at minimum two 1.25-inch water supply.
- One well per house to supply a minimum of 15 gpm. Each house should have a backup water line to a 2<sup>nd</sup> well. (Example water supply for house 1 is connected to house 2 as back up)
- Clean up, remove junk, make composting area functional and able to pass an environmental audit.
- Generator should be checked out by a qualified technician for maintenance and to determine if reliable or should be replaced if necessary. All transfer switches and wiring inspected and replaced if needed. Emergency by pass key or switch required. New battery and tender required. Generator must have recent service by qualified technician.
- Have alarm system to Mountaire requirements, Agri-Alarm, Alarm Engineering or similar monitoring system.
- All houses should have two frost free faucets on each gable end.
- Many vent boxes have rotted frames, these need replacing.
- Each house should have functioning medicators.
- House 3 needs incoming auger reshelled.
- Cool pad system needs to be in good working order, looks to need some repair.
- Each house should have water meter to monitor drinking water, wired to controller.

#### **Note Other Items:**

- All normal equipment (such as fan louvers, booster pumps, etc.) needs to be in good working order.

- The farm needs to be covered by required liability insurance and copy of the Certificate of Liability sent to Mountaire.
- The farm dead bird disposal needs to meet legal requirements and kept as such.
- Manure shed should be kept under legal requirements.
- The farm needs an approved nutrient management program, CAFO and a copy supplied to Mountaire for file.
- Alarm should be in and kept in good working order with two forms of notification.
- The farm needs to comply with all Federal, State and Local laws and regulations.
- It should be understood that I am not an expert on construction, electrical, plumbing and/or wells. Any matters concerning these items should be referred to an expert in these fields.

Sincerely,

Woody Jackson  
Housing Coordinator  
Mountaire Farms

cc: Brian Smith, Richard Obier