

[**Ultrasound Scanning**](http://nsip.org/wp-content/uploads/2010/08/Ultrasound-certified-scanners.pdf) **Checklist**

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|  | **Breeder Responsibility** | **Technician Responsibility** |
| Provide a **squeeze chute** (with side panel doors) to properly restrain the sheep and provide access to the region of scanning | **√** |  |
| Provide **shelter/shade** (tarped at a minimum)as sheep must be dry in the region of scanning and out of direct/bright sunlight to allow for seeing images on the monitor. Lights are necessary if scanning during darkness. | **√** |  |
| Provide clean **electrical source**: two grounded 110-volt outlet with a clean signal are required, on different circuits, if possible. The ultrasound machine will not operate well on a generator, as the voltage generated has too much fluctuation. | **√** |  |
| Sheep need to be **sheared** to be scanned (at least in the region to be scanned). Hair sheep must be clipped to ½ inch in length or less. | **√** |  |
| **Scale**: Sheep will need to be weighed either during scanning or before. | **√** |  |
| Completed barn sheets and proper contemporary grouping of lambs.  | **√** |  |
| **Supplemental heat** for equipment (if below 55 °F) | **√** |  |
| Proper **equipment calibration,** as well as proper **gain & focus settings** |  | **√** |
| Maintain good image quality standards- Correct r**eference points** visible and **good contact** throughout the image |  | **√** |
| Collect proper number of Loineye images:  |  | **√** |

**Additional Barn Sheet Comments:**

**Breeder’s Responsibility:** Every animal scanned must be on the barn sheets, or have the tattoo, birth date and scan weight provided to the technician at time of scanning.

**Technician’s Responsibility:** Different breeds must be specified, as well as multiple breeders. Do not enter any other ID than the tattoo. Every scan session must have a contact person, phone number, e-mail, and address.

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**Data Interpretation:** Data is then sent to **CUB Lab** for processing and is usually processed within 24 to 48 hours. These data are then sent directly to the breeder.