

Deere Round Seed Cotton Module Ginning Recommendations

Introduction:

While John Deere is not providing gin solutions for processing round seed cotton modules at gins, John Deere has an interest in recommending the proper means for insuring quality and efficient processing of these modules. The following recommendations and guidelines shall apply to all feeder floor types unless otherwise stated.

- 1) Cutting of the wrap must be **opposite of the inner tail** to eliminate the potential of cutting through the tail. An RFID generation II tag is placed at the inner tail for locating.
- 2) Cutting of the wrap must be through **only one axial cut** along the entire length of the module.
- 3) Cutting of the wrap must result in a **clean cut** without leaving shards of plastic at the cut edge.
- 4) Modules must be placed **close together without gaps** on the feeder floor.
- 5) Modules placed onto a feeder floor with the axis orientated perpendicular to the floor travel direction should have suitable **feed rate control or accumulator** to compensate for the peaks and valleys of the modules.
- 6) Modules placed on the feeder floor with the axis orientated parallel to the floor travel direction may need to have **feeder side walls** of approximately 5 ft to contain the modules.
- 7) Modules placed onto a roller style feeder floor with the axis orientated parallel to the floor travel direction may need **increased friction** between the rollers and the unwrapped module.
- 8) For **moving head feeders**, modules should be placed on the concrete slab with the module axis orientated perpendicular to the head travel direction.
- 9) Wrapped modules must not directly pass over **rock or debris removing rollers**.
- 10) Wrapped module **handling equipment with chains** must be equipped with puncture and slit resistant lugs.
- 11) A **compactor** should be placed close to the unwrapping processing location to be used for all plastic from the unwrapping process.