What’s in a bag?

- RichAg baggers load and compact grain inside three layer polyethylene bags that offer complete protection from weather and the elements.
- To keep contents cool, shielded and dry, a bag’s outer white layer reflects away the sun’s heat, its inner black layer blocks out light, and all three layers act as water and moisture barriers.
- Bags are manufactured with specially formulated resins and UV radiation inhibitors to withstand long months of sun exposure without degrading or growing brittle.
- Once filled with packed-down grain, a vent is dispensed from the bag, then within a few days, grain’s respiration process uses up the residual oxygen, generating a inert atmosphere rich in carbon dioxide that slows down endogenous metabolic activity and helps conserve bag contents in top condition.
- The modified atmosphere virtually guarantees the absence of insects, harmful microorganisms, fungal infections and pests, doing away with toxic fumigants and reducing materials and labor costs. Each time grain is extracted, the bag can be easily sealed right away.
- Grain stored with high moisture levels inside bags will stay in good condition for longer periods of time than if stored in bins, but should be dried as soon as possible after extraction.

### A Quick Guide for Dry Storage in Plastic Bags

<table>
<thead>
<tr>
<th>GRAIN</th>
<th>LOW (%)</th>
<th>MEDIUM/LOW</th>
<th>MEDIUM/HIGH</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOY BEANS</td>
<td>10%</td>
<td>15%</td>
<td>20%</td>
</tr>
<tr>
<td>WHEAT</td>
<td>10%</td>
<td>15%</td>
<td>20%</td>
</tr>
<tr>
<td>BARLEY</td>
<td>10%</td>
<td>15%</td>
<td>20%</td>
</tr>
</tbody>
</table>

### Risks in relation to storage time

<table>
<thead>
<tr>
<th>GRAIN/AMMONIA CONTENT</th>
<th>LOW (%)</th>
<th>MEDIUM/LOW</th>
<th>MEDIUM/HIGH</th>
</tr>
</thead>
<tbody>
<tr>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>1%</td>
<td>2%</td>
<td>3%</td>
<td>4%</td>
</tr>
<tr>
<td>2%</td>
<td>3%</td>
<td>4%</td>
<td>5%</td>
</tr>
</tbody>
</table>

### Technical Specifications

<table>
<thead>
<tr>
<th></th>
<th>R950</th>
<th>R1050</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power requirement</td>
<td>45 HP</td>
<td>80 HP</td>
</tr>
<tr>
<td>Loading rate</td>
<td>5 tons/min or 107 bu/min (com)</td>
<td>10 tons/min or 204 bu/min (com)</td>
</tr>
<tr>
<td>Weight</td>
<td>1,420 kg</td>
<td>1,620 kg</td>
</tr>
</tbody>
</table>
**Time is at a premium when you harvest, so don't lose any!**

No bottlenecks to deal with as grain goes inside the bag as fast as grain carts and trucks can deliver it.

Baggering is a tried and true system increasingly in use worldwide for the safe and economical storage of grain with minimum fuss. These are some of the reasons why:

1. **R950**
   - 36.5 ft³ grain in bags covers the needs of small, medium and large producers!

2. **R1050**
   - Rickerhger's grain bagging process — complemented by a line of automatic grain extracting machines — is by and in itself a complete, stand-alone grain storage and retrieval system capable of replacing conventional storage facilities at a fraction of the cost.

3. **R950**
   - Not only small operators with little or no infrastructure, but commercial facilities and large forms adopt bagon's own supplementary storage when short and silo plant capacity is insufficient. You will never again be aware of where to store that hopper car then's coming in.

4. **R1050**
   - Range from 150 acre forms to grain-drying bins, ethanol plants and multistorey grain trading cooperatives, the same high-quality equipment serves all. Whether you have to store a single bag or a hundred, the system adapts to your very specific needs!

5. **R950**
   - 9 ft. bags that are 210 lb. (100 lb.) long can store some 12,000 bushels of corn (230 tons), 18 ft. bags that are 220 lb. (100 lb.) long can store some 18,000 bushels of corn (410 tons).

6. **R1050**
   - Proven, reliable and simple to operate, the bagger provides excellent conversion and co-grain loss. Virtually all grains and legumes can be bagged.

7. **R950**
   - On-farm storage using Rickerhger® baggers allow you direct control over grain inventory without additional investments. Harvest season price hikers in transport, storage and handling can be avoided and profits increased by selling at a later date.

8. **R1050**
   - Logistics can be adjusted for added convenience. Strips of terrain adjacent the crops can be graded to provide areas for buying down the bags. This approach can reduce the downfalls incurred in hauling grain around and takes up less equipment and resources at harvest. Alternatively, bags can be laid down in one or more concentrated areas for longer term experiment in management and distribution.

9. **R950**
   - Grain can be categorized by bagging the bags and detailing quality, moisture content, different dates of storage and other relevant data.

10. **R1050**
    - Organic or distinctive specialties can be stored separately and all kinds of polluted materials can be bagged as well.

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**R950 R1050**

**Main Features**

- **R950**
  - Column-type panels are designed for straightforward adaptation to Rickerhger® load stages, which provide direct loading from trucks, and deep trailers and gravity wagons.

- **R1050**
  - The 246 new ft³ (R950) and 466 new ft³ (R1050) compressor screws load grain fast. They are equipped to deliver toward front while assuring grain mode free expelling fighting.

- **R950**
  - Large, high-speed industrial type fans from more than 20,000 hours and rugged solutions for those fans. These baggers provide safe handling by providing better grip, an steadier and safer load conditions.

- **R1050**
  - Barge capacity is equal to the wheel hub at a simple price, maintaining the chance of mechanical failure and equipment wear is frequent to standard design. Right and left wheel axles are unequalled in any other.

- **R950**
  - The hydraulic setup provides accurate monitoring and control of knobs within by using two independent pump sets — one per side — for increased efficiency.

- **R1050**
  - A passive braking shield or sector works inside the walls of grain, creating resistance to bagger advancement. This contributes to better comparisson within the bag, at the same time placing less demand on the axles.

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*New* features and innovations:

- **New**
  - Solid, heavy duty transom (her layer with cover removal), ensures many years of trouble-free operation.

- **New**
  - Large sized reception hopper is provided with a large cover to prevent rain from reaching the grain in case of later rain.

- **New**
  - The specially designed transit produces a well contained bag on the plastic article, therefore preventing transference of materials, transverse areas in the enclosed bag.

- **New**
  - Side sheet is an exclusive feature of Rickerhger® baggers. Sometimes grain contained in the bag can ‘roll-over’ to the edge due to inner weight, so the sheled prevent any bagging plastic from backing up against materials weaknesses.

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A bag discharge slide runs along the lower part of the tunnel, in conjunction with an outer ring (for grain discharge). If you go further, you will find the entire area of the machine already ready for the transport. The bagger is provided with a stable base and ensures the risk of sticking within the storage.