PLASTAG
TECHNICAL INFO

GRAIN BAGS – GRAIN STORAGE

EASY SOLUTIONS TO AVOIDABLE PROBLEMS

In-loading:

- Grain leaking out the side of the In-loader?
  This can be caused by the machine being on uneven ground or the grain bagging wheels sinking into soft soil. The easy solution for uneven ground is to choose a firm site to bag on, or look to add an extra wheel or use a wider wheeled in-loader.

  Grain leaking can also be caused by a smaller in-loader barrel. In this case, when the bagging machine is filling, place your hand 5 folds in from the inside of the 'barrel' of the inloader, on the 'side' of the barrel, and move your hand back and forth, to allow some grain to come into the folds, and tighten the bag on the machine.

  The third common cause of a leaking bag is from a high amount of frontal pressure on the grain bagging machine. This is caused by the machine not being set up parallel to the ground, sometimes even tilted toward the tractor. In addition, high break pressure can exacerbate the problem. By tilting the in-loader back toward the flow of the grain, and ensuring appropriate break pressure, the problem will go away.

- Minor tears and scuffs on the bag?
  This is usually caused by sharp objects (rust, metal) or a perished bungie cord that is used on the machine. Check for sharps and buff back or replace any perished or sharp items.

- The bag looks like is has stretch marks with some darker shades of grey/black showing?
  This is the classic example of overfilling the grain bag. The hyti bag is the most resilient on the market and can withstand a lot of overfilling, however this is not ideal.
  The solution is to monitor the bag with the stretch marker, and take off some break pressure. To prevent the bag splitting, run some white tape that is supplied, across the bag, over the effected area and also either side, at intervals of 1 metre, for 3 metres.

Out-loading:

- When out-loading the bag, the bag is tearing as it is winding up on the shaft?
  This can be caused by either the winding speed of the shaft set too fast and is not in-sync with the grain being augured out of the bag. The speed will need to be slowed down in this case.
  Another cause is the angle of the bag feeding onto the winding shaft is too sharp, ie. 80-90 degree's and causes significant weight on the plastic. The angle needs to be 45 degrees to relieve the pressure and prevent tearing. This is important where mouse damage is prevalent.

- The bag is split down the middle?
  This is caused by overfilling of the bag typically. The grain in a split bag will peak up on the plastic, so cleaning up is not an issue.
  To avoid this, avoid overfilling by monitoring the bag stretch. If you feel parts of the bag have been overstretched, then use the white tape to tape across the areas of concern and also either side. If the bag has split during out-loading, this is caused by too much backward pressure being put on the bag from the tractor operator.

"We've tried a lot of bags over the years, and you can't beat the quality of the Hyti bag. The new Hyti 7-layer bags are another leap forward in a brand that was already exceptional in quality."
Simon Goode, Grain Grower, North Central Victoria.

"The extra tonnage capacity, easy fitting, and longevity is what we like."
Aaron Sanderson, Grain Grower, North Central Victoria

"We've been very impressed with the consistent performance of Hyti bag."
David Jochinke, Grain Grower, Wimmera. Victoria

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