

Easy to use, save seeds & grain with the Low Cost

Introduction

Purdue Improved Crop Storage (PICS) technology is a simple, low cost triple layer bag. PICS Bag is useful for small holder farmers and industrial to protect their harvested seeds & grain from insect damage without pesticides. It gives farmers more flexibility in marketing leading to higher incomes. This technology has been disseminated to millions of farmers in 10 countries in west and central Africa including Ghana, Nigeria, Burkina Faso, Niger, Senegal, Mali, Benin, Togo, Cameroon and Tchad.

How does it work?

Feeding and growing larvae burn up the oxygen in airtight container while raising the carbon dioxide level.

When the oxygen level in the container falls low enough, the insect cease feeding and become in active growth development and reproduction is arrested.

How do I use PICS Bags?

1. Ensure that your crop is completely dry & clean before storage.
2. Put the three bags together (one inside the other). Fill the inner bag with seeds & grain make sure no seeds & grain gets between the bags.
3. Fill the PICS bag far enough so that the lips remains for tying. Pack the seeds & grain tightly to remove air.
4. Twist the lip of the first bag tightly shut. Fold it over and tie firmly with a heavy string at the base of the twist and over the folded twist.
5. Pull the middle bag up over the first one so that it completely surrounds it. Fold and tie, as before. Follow the same steps for the outer bag.
6. Keep it safely after a use. Reuse PICS bag for storage without chemical to safe & save seeds & grain.



Why PICS are bags so USEFUL?

Advantages

- ✦ Prevent losses from weevils
- ✦ No insecticide or other chemicals are needed.
- ✦ Convenient for small scale famers and organic grain producers to use.
- ✦ Reusable as long as don't have holes.
- ✦ Affordable by every farmer.
- ✦ Investment in PICS Bags Pays. High returns use in profitable.
- ✦ Technology is easy to learn & use.



✦ Grain & Seeds can be stored safely in PICS Bags for a year or more.

Use PICS bags for hermetic storage and save the seeds and grain in low cost.

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