| **Type of Damage** | **Evidence of Damage** | **Methods of Prevention/Control** |
| --- | --- | --- |
| **Short-weight units** | * Bags that appear slack * Units not as heavy as normal when lifted * Random sample weighing of units indicates short-weight | * Increase security in storage areas and during transport. |
| **Leaking units** | * Commodity spills/leaks during unloading * Spilled/leaked commodity remaining in transport vehicle * Units that are torn, split, or broken * Loose commodity on warehouse floor, beneath stacks | * Do not use hooks during discharge or off-loading. * Ensure transport vehicles are free of protrusions that can damage units. * Lift bags by the body, not the corners (to prevent tearing or weakening of the bags). * Never throw or drop units. * Place units on stacks; do not throw them. * Do not stack units higher than recommended. * Avoid moving commodity before dispatch. * Supervise reconstitution process. |
| **Quality deterioration** | * Units wet to the touch or dripping * Units discolored or stained * Unusual smell (moldy or chemical) * Caking/hardening of commodity * Rust on outside of tins/cans, especially near seams and lids * Bulging or distorted tins/cans | * Transport in cargo containers if possible. * If not possible, **alway**s cover commodity with tarpaulins during transport. * Promptly repair any leaks in warehouse roof. * Ensure adequate air circulation in warehouse and at least one (1) meter of free space around stacks. * Promptly segregate suspect commodity. * Maintain clean, empty containers, and ensure adequate space and labor available for prompt reconstitution. * Practice FIFO (the inventory control method of “first in, first out”), except for reconstituted commodity. |
| **Rodent or bird infestation** | * Rodents or birds present * Excrement on the floor or stacks * Footprints in dust * Units chewed or gnawed * Nests present | * Keep both outside and inside of warehouse clean and free of debris. * Promptly repair holes or openings in warehouse walls, floor, and roof. * If possible, screen windows and ventilation openings. * Set rodent traps along interior walls, on both sides of every exterior door, and in the rafters. Regularly inspect and clean the traps. |
| **Insect or moth infestation** | * Flying insects present * Live or dead insects-or larvae-on warehouse floor or on stacks * Traces of insects or larvae in dust * Webs or cocoons between bags or in seams * Small holes and excessive dust on grain bags * Noise heard inside bags * Irregular holes in the grain or beans * Strong odor | * Spray empty warehouse before receiving commodities. * Keep both outside and inside of warehouse clean and free of debris. * Spray floor area before establishing stack. * Dust stacks, and remove spider webs. * Clean/vacuum **under stacks** on a regular basis. * Establish and implement a fumigation management plan. |