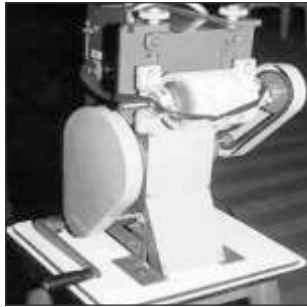




CIRCOT's small machines for use by cotton farmers for seed purpose CLOY Gin and Acid Delinting Machine



(A) CLOY Gin



CLOY Gin



Fuzzy cottonseed after ginning

CIRCOT Laboratory Ginning Machine is useful for breeders, farmers, ginners and marketing agencies for assessing ginning percentage and to prepare lint for quality evaluation. A chrome leather roller, fixed knife, moving knife and seed grid are the main components that accomplish separation of fibres from the seed cotton.

Salient features:

- Machine is very sturdy & operator friendly
- Power required : 1 hp single phase
- No cut seeds
- Grease free power transmission for rollers and beater
- Precise control of roller pressure
- Capacity: 12 kg seed cotton / h
- Cost: Rs. 30,000/-

Useful to Farmers:

Farmers can themselves gin their seed cotton of straight picked from their cotton field. Machine can be purchased by a Village Panchayat that could be used by farmers. Alternatively an individual farmer can purchase the machine and make available for use by other farmers on job-basis.

(B) Acid Delinting Machine



Acid delinting machine



Acid delinted cottonseed

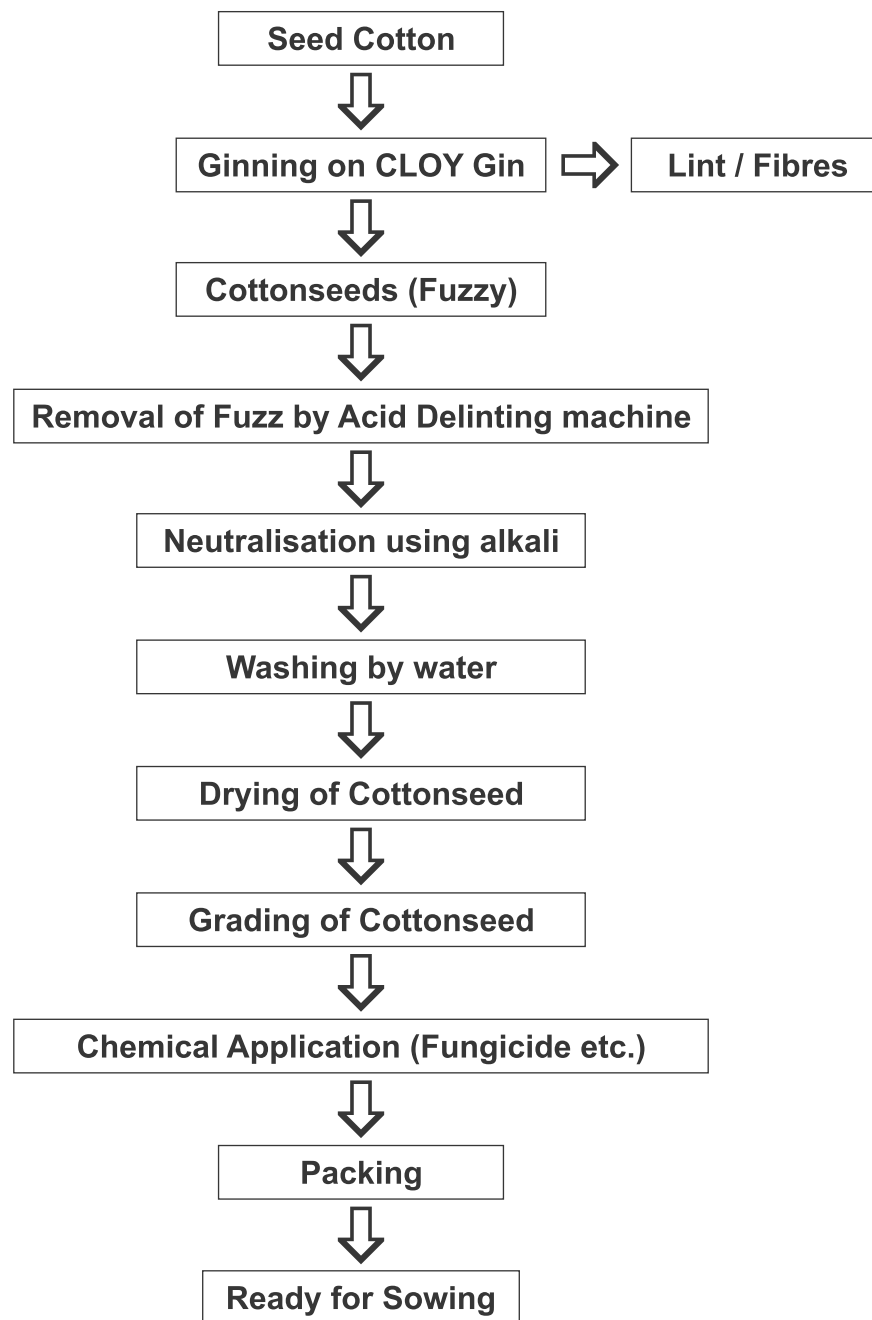
After removal of lint by ginning process, the cottonseeds obtained have very short fibres (fuzz) that can't be removed during ginning. These short fibres need to be removed to facilitate in seed treatment using chemicals to eradicate seed borne diseases. Further, it will help in handling during sowing.

Delinting Machine:

This machine is designed to handle acid that helps in removal of fuzz. This machine consists of stainless steel cylinder, stationery agitator, tilting arrangement, trays, motor, etc.

Pre-sowing preparation of seed cotton using CIRCOT's small machines

Process Flow Chart



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