Decorticated grains
Bran
Sun-drying and winnowing
with mortar
Tempering
Clean dry
Cleaning
Raw grains

Decortication with mortar and pestle
Grains
Sorghum
Figure 3.4.b  Steps of traditional sorghum
Decortication method (Dec. 1)
Bran
Decorticated grains
Decortication
Clean grains
Cleaning manually
Raw sorghum grains
Figure 3.5.b Steps of familiar sorghum decortication method (Dec. 2)

Raw sorghum grains

Cleaning using Combigran cleaner

Magnetic separator

Dry stoner

Scalping machine with different sieves

Suction

Clean grains

Decortication

Decorticated grains

Bran
Figure 3.6.b Steps of advanced sorghum
Decortication method (Dec. 3)

Fig. 3.6.b*: Vertical Shelling Machine (SCHULE) Advanced Sorghum Decorticator

| B: Sand, Seeds | 5. Counter Current Course Sifter |
| C: Course Impurities | 6. Vibratory Feeder |
| D: Stones, Earth | 7. Magnetic Separator |
| E: Dust | 8. Asima Mill |
| H: Iron | 10. Elevators |
| F: Bran | 11. Fans |
| 1. Intake Hopper | 12. Centrifugal Dust Collectors |
| 2. COMBIGRAN Cleaner | 14. Bins |
| 3. Dry Stoner | Sacking off Boards |