

Rice Husk Experiments



Refinement level

Using a disk mill machine, the rice husk is pulverized into different levels of refinement.

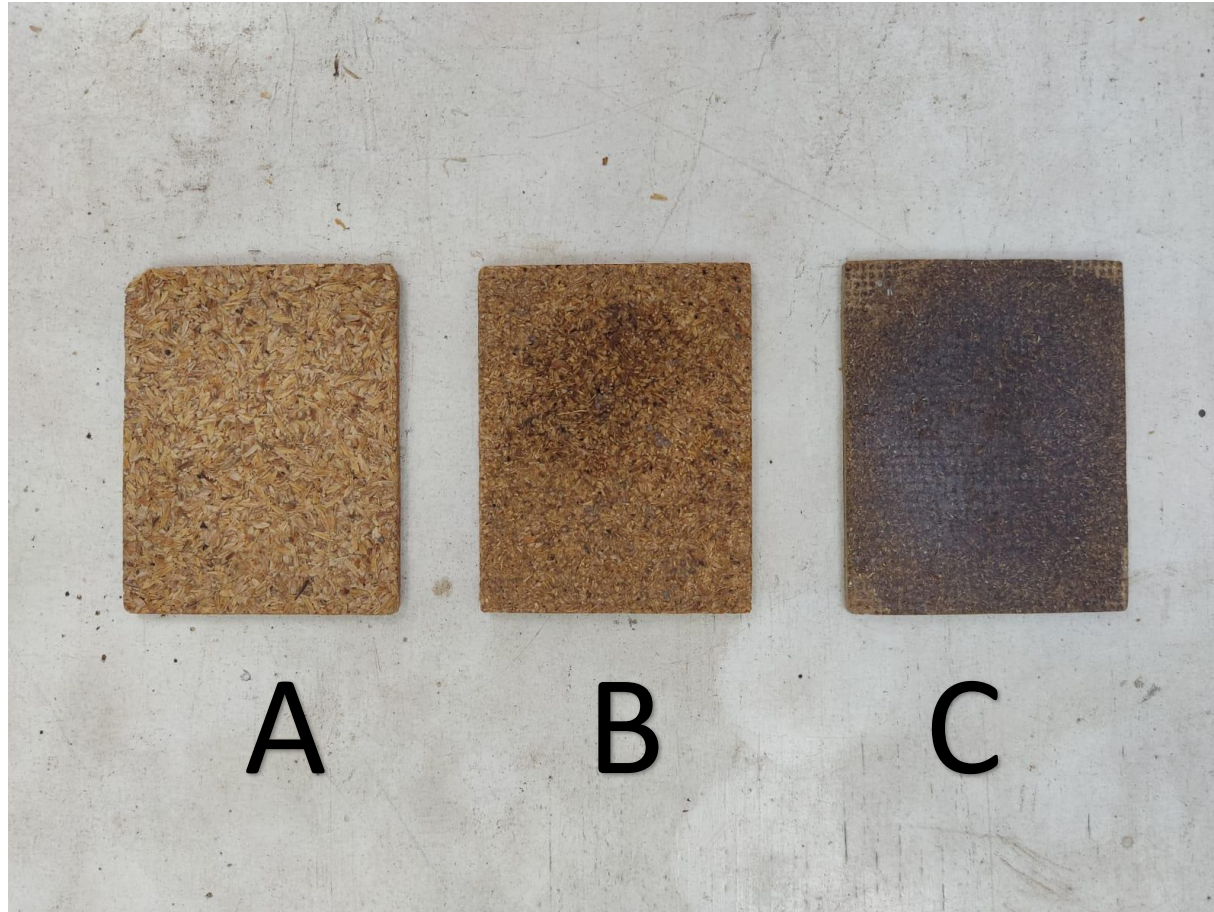
- A. Fine mill rice husk
- B. Medium mill rice husk
- C. Raw rice husk



Thickness

Using compression heat press, the rice husk is pressed into blocks of varying thickness.

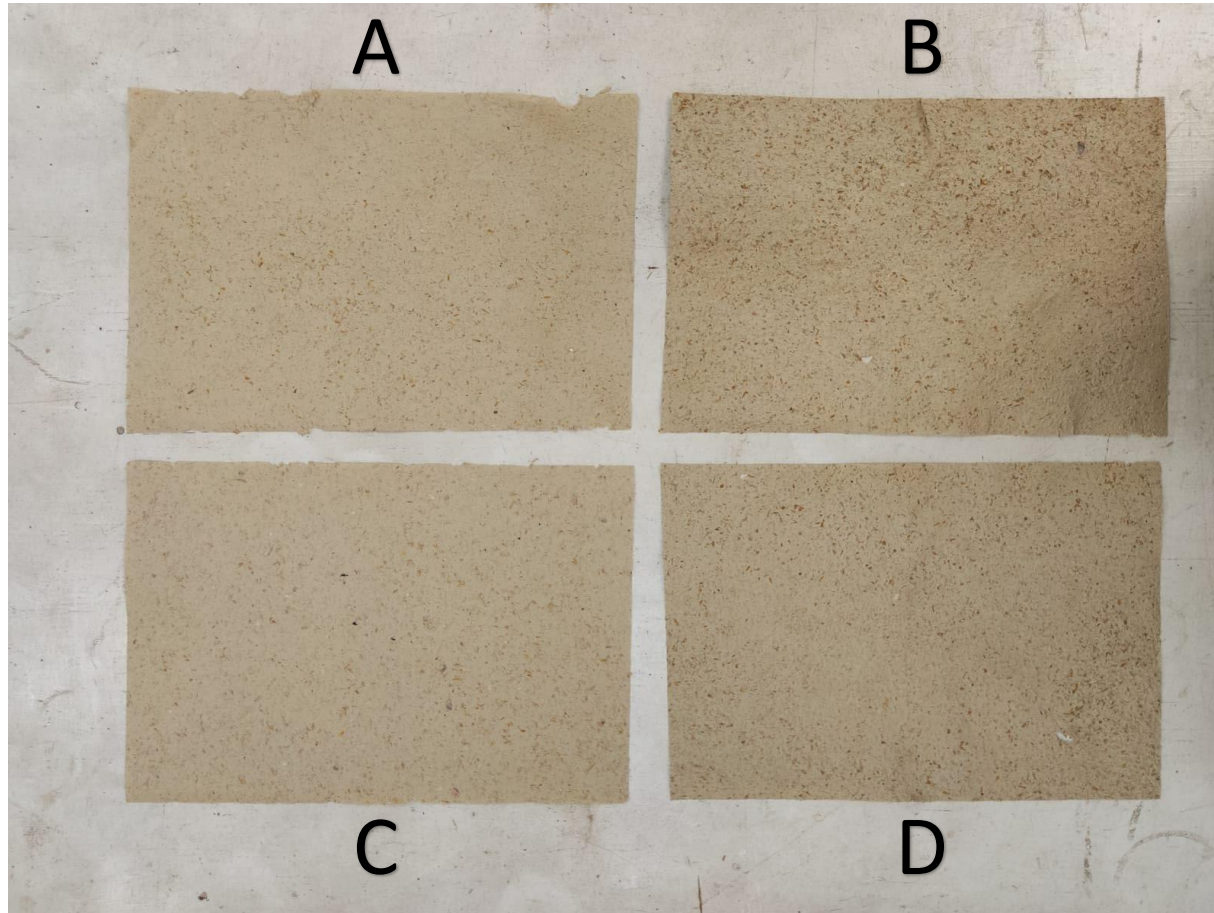
- A. 7 mm
- B. 6 mm
- C. 5 mm



Material Mixing with Natural Starch-based Glue

A mix of rice husk and Material mix with natural starch based glue (A. rough mill rice husk B. Medium mill rice husk C. Fine mill rice husk) of varying ratios are pressed into blocks.

- A. Rough mill rice husk
- B. Medium mill rice husk
- C. Fine mill rice husk



Rice Husk Paper

Using screening method the refined rice husk is pressed into thin, paper-like sheets.

Sample A and C has a measure of cow dung mixed in, while B and D is purely rice husk.