

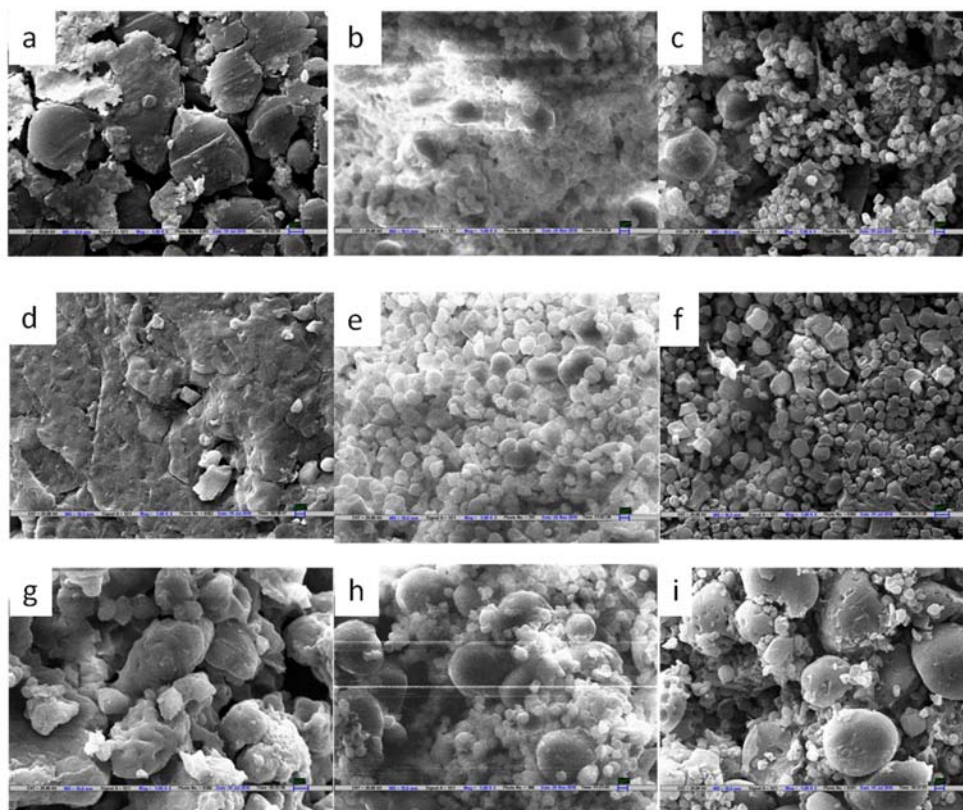


Fig. 1: SEM micrographs of different bases and their formulations; (a) MF (b) MFF freshly prepared (c) MFF after six months (d) RF (e) RFF freshly prepared (f) RFF after six months (g) WF (h) WFF freshly prepared (i) WFF after six months stored at 30°C

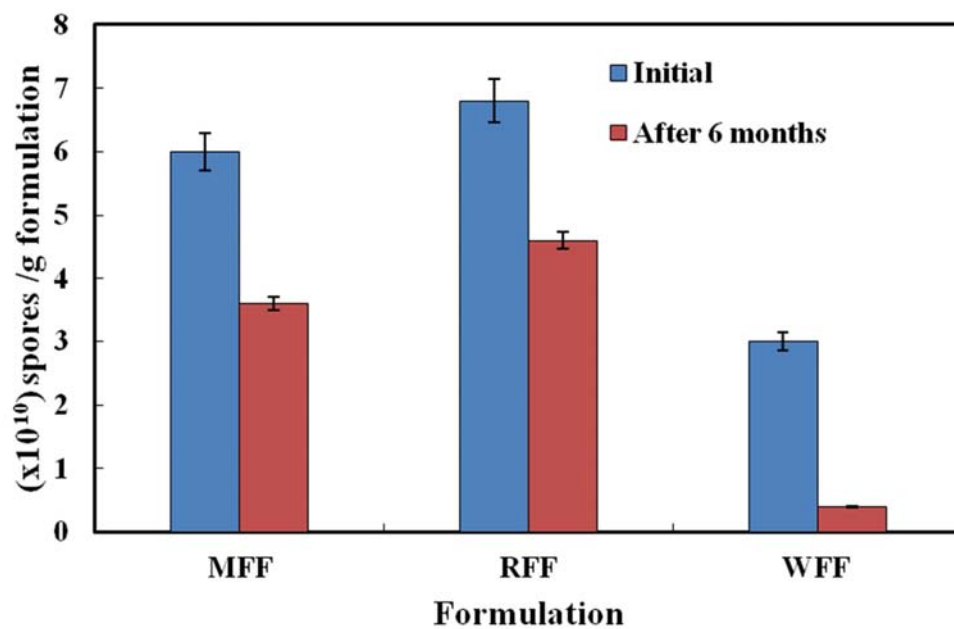


Fig. 2: Spore count of the three formulations initially and after six months of storage at 30°C

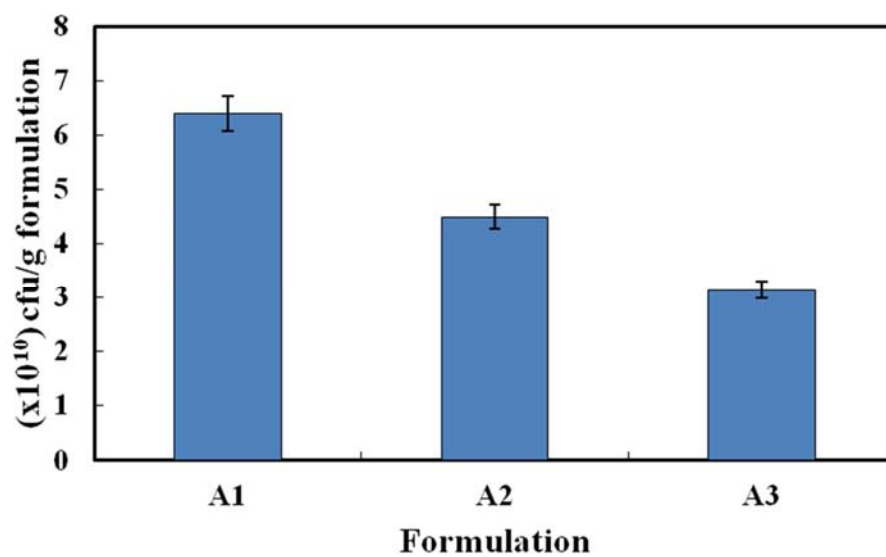


Fig. 3: Effect of various compression pressures with modified composition A on viability of the tablets produced at 1 bar (A1), 2 bar (A2) and 3 bar (A3)

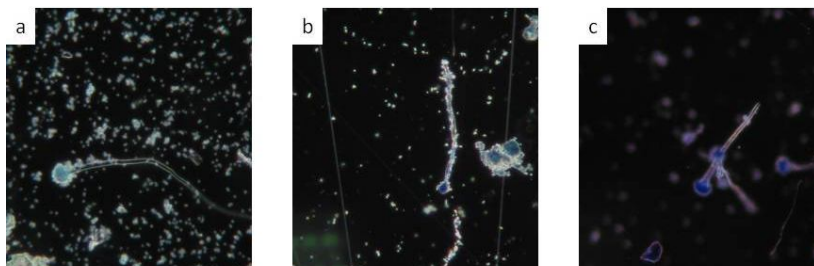


Fig. 4: Phase contrast micrographs of fungal mycelia obtained from tablets formed at different compression pressures with modified composition A on viability of the tablets produced at 1 bar (A1), 2 bar (A2) and 3 bar (A3) (Magnification: 10X)

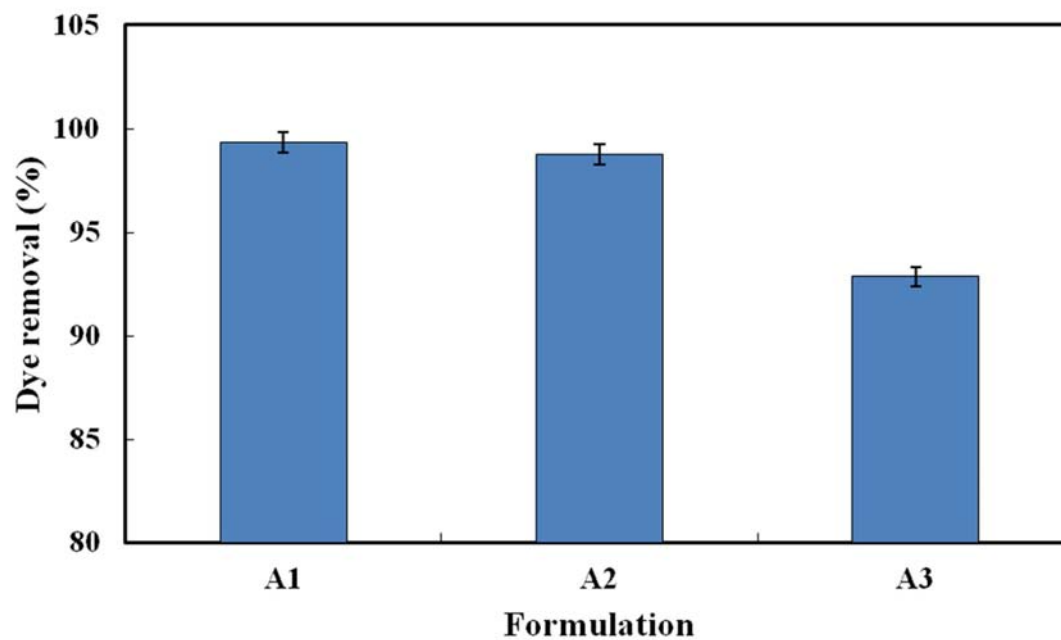


Fig. 5: Acid Navy Blue removal obtained with tablets formed at varying compression pressures with modified composition A on viability of the tablets produced at 1 bar (A1), 2 bar (A2) and 3 bar (A3) (initial dye concentration: 200 mg/l, pH: 6.5, temperature: 30°C)

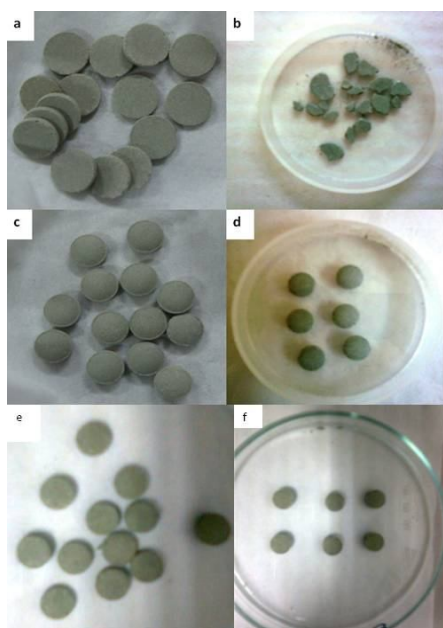


Fig. 6: Friability test results of tablets having composition A formed through two different methods; automated press machine at 1 bar (A1) and single punching machine (AP) (a) original tablets of A1 (b) A1 after friability test (c) original tablets of AP and (d) AP after friability test (e) original tablets of AC and (f) AC after friability test

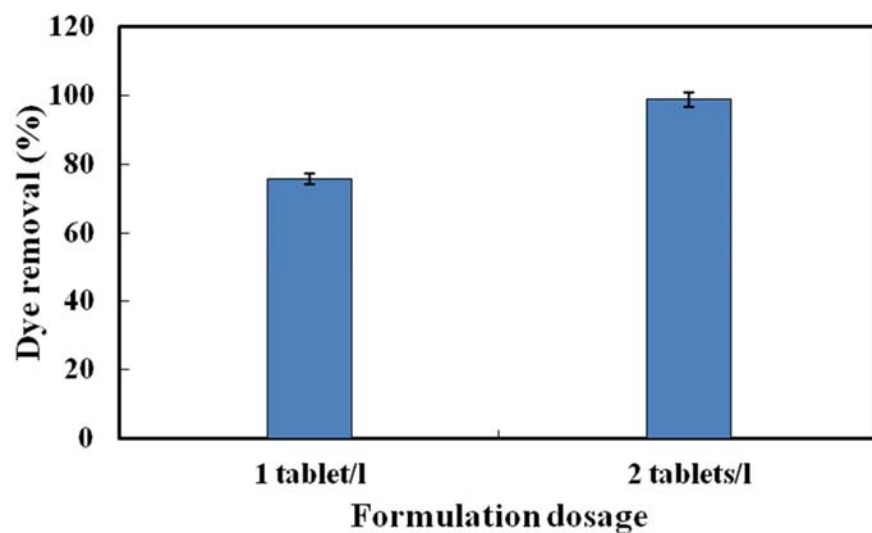


Fig. 7 Acid Navy Blue removal achieved for varying tablet dosage in 24 h (initial dye concentration: 200 mg/l, pH: 6.5, temperature: 30°C)

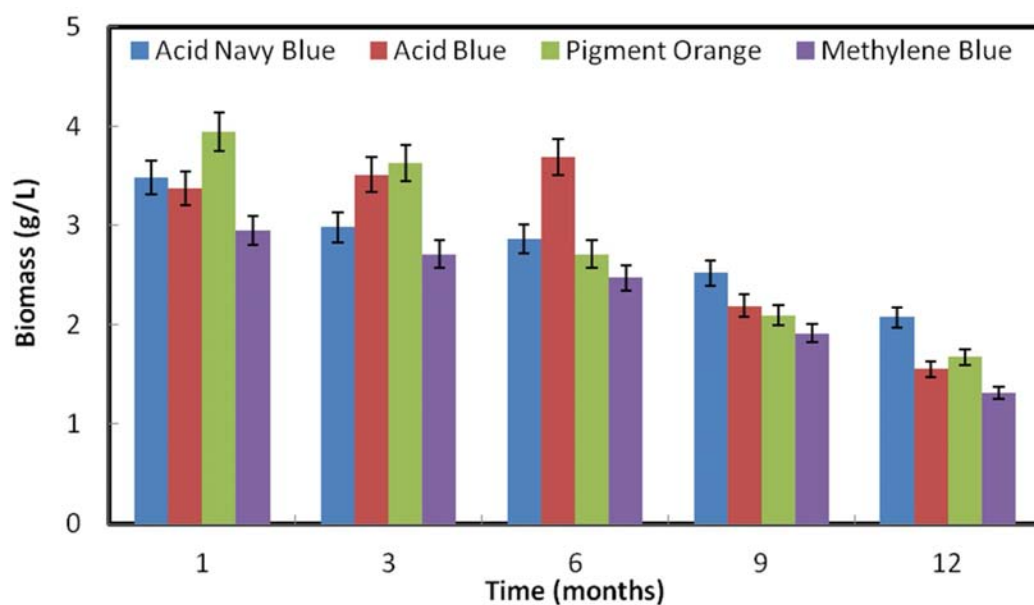


Fig. 8: Biomass produced by Myco-Tablets stored at 30°C for one year in composite media containing various dyes (Acid Navy Blue, Acid Blue 161, Pigment Orange 34 and Methylene Blue)

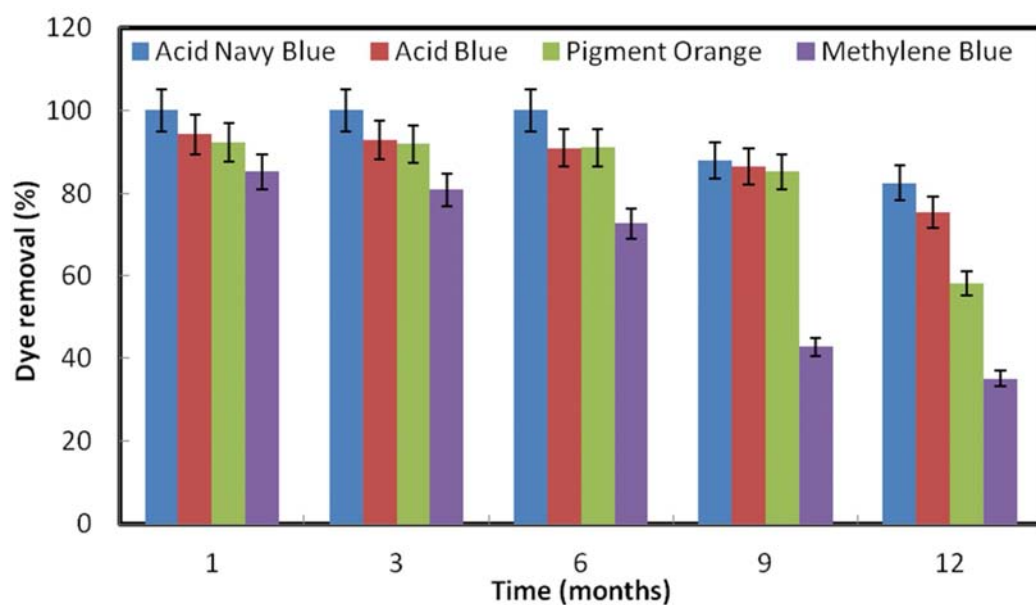


Fig. 9: Removal of various dyes ((Acid Navy Blue, Acid Blue 161, Pigment Orange 34 and Methylene Blue) by Myco-Tablets stored at 30°C for one year