

Fig 1: Effect of media type on *BTU* colony diameter under different temperature and water activity (Aw) conditions. Bars represent mean colony diameter, and error bars indicate standard deviation. Different letters above bars denote statistically significant differences among media types within each temperature \times aw combination, as determined by pairwise ANOVA ($p < 0.05$).

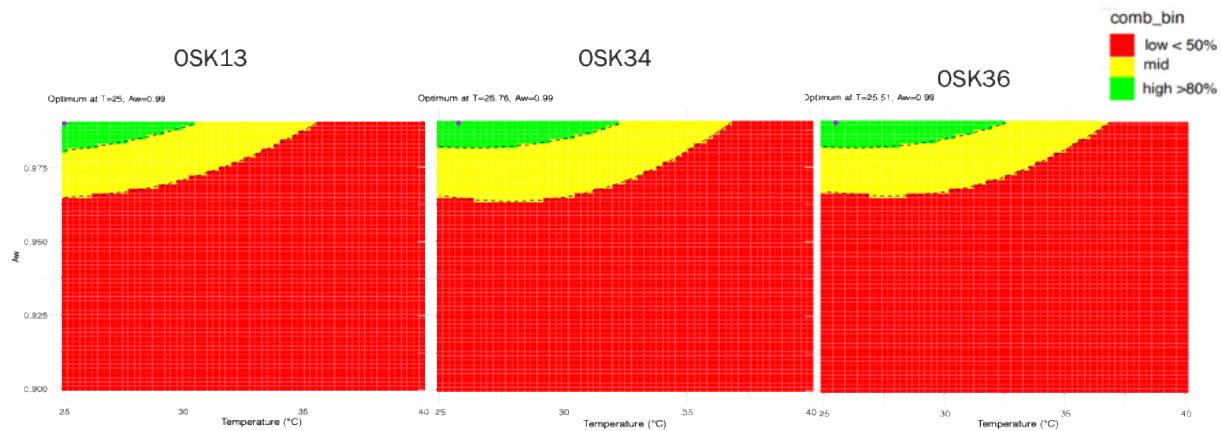


Fig 2: Response surface contour plot of normalized growth + sporulation for Three *Trichoderma* spp.. Green = high growth, yellow = moderate, red = low. Dashed lines show 50% and 80% thresholds; purple diamond = predicted optimum conditions."

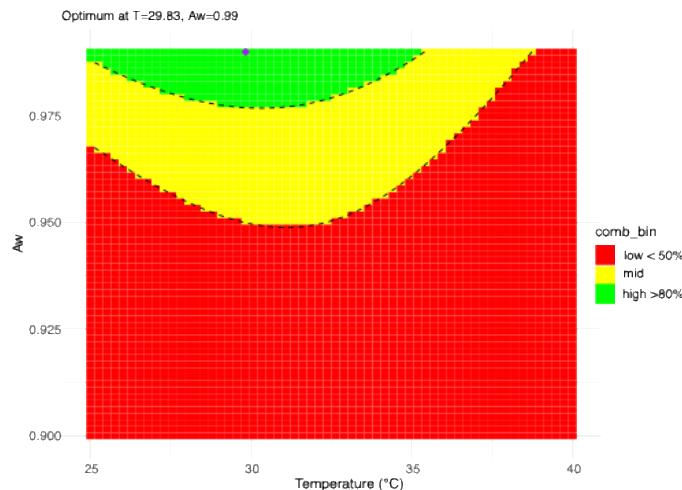


Fig 3: Response surface contour plot of normalized growth + sporulation for Three *Trichoderma* spp.. Green = high growth, yellow = moderate, red = low. Dashed lines show 50% and 80% thresholds; purple diamond = predicted optimum conditions."