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JUMP TO		Abstract: In an attempt to upgrade the traditional fermentation to effect of fermentation temperature on the biochemica daddawa produced by starter culture was studied. <i>Bacillu</i> good starter for soy-daddawa production was used to fe at 25, 30, 35 and 40°C for 72 h. The viable cell counts	In an attempt to upgrade the traditional fermentation technology of soybean into daddawa, the effect of fermentation temperature on the biochemical and organoleptic properties of soy- daddawa produced by starter culture was studied. <i>Bacillus subtilis</i> SDA3 previously selected as a good starter for soy-daddawa production was used to ferment sterile dehulled cooked soybeans at 25, 30, 35 and 40°C for 72 h. The viable cell counts of <i>B.subtilis</i> SDA3 increased throughout					
		the 72 h fermentation process at 25 to 35°C while the con- fermentation. pH value increased throughout the ferment fermentation at 25°C. Relative proteolytic activity increas at 48 h and then dropped in fermentations at 30-4 detected by the 12th h increased thereafter till the end of acid content increased throughout the 72 h fermentation observed in the first 12 h with subsequent increase till Alpha amylase activity increased, attained a peak at the fermentations. Alpha amylase activity increased through at 40°C, the activity attained a peak at the 24th h and gave the highest levels of proteolytic and alpha amylas soybean inoculated with <i>B. subtilis</i> SDA3. Organoleptically at 35°C produced the best quality soy-daddawa as jud consumers. Fermentation at 35°C was therefore choser production of soy-daddawa by <i>B. subtilis</i> SDA3 starter cult	unts decreased after the 24th h at 40°C tation with a rather low increase in the ised with fermentation, attained a peak 0°C. Proteolytic activity which was not of the fermentation at 25°C. Free amino on at 30-40°C while an initial drop was the end of the fermentation at 25°C. 48 h and then dropped in 30 and 35°C out the 72 h fermentation at 25°C while d then dropped. Fermentation at 35°C e activities, pH and free amino acids in <i>r</i> , soybean fermented by <i>B. subtilis</i> SDA3 ged by a panel of regular soy-daddawa is the optimised temperature for the ure.					

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