Homeopathic solutions may influence the rate of photosynthesis Sphagneticola trilobata plants. CO2 assimilation of 3 replicates of cloned plants along 20 consecutive minutes was quantified through the Infra Red Gas Analyzer after application of Apis mellifica 6CH and distilled water (control). Repetibility analysis were performed through GENES program after variance analysis. Repetibility coefficient of CO2 results was 99% meaning that the differences between control and treated plants results were kept along 20 determinations. Stability results of CO2 assimilation were greater in plants treated with Apis mellifica as compared to control.