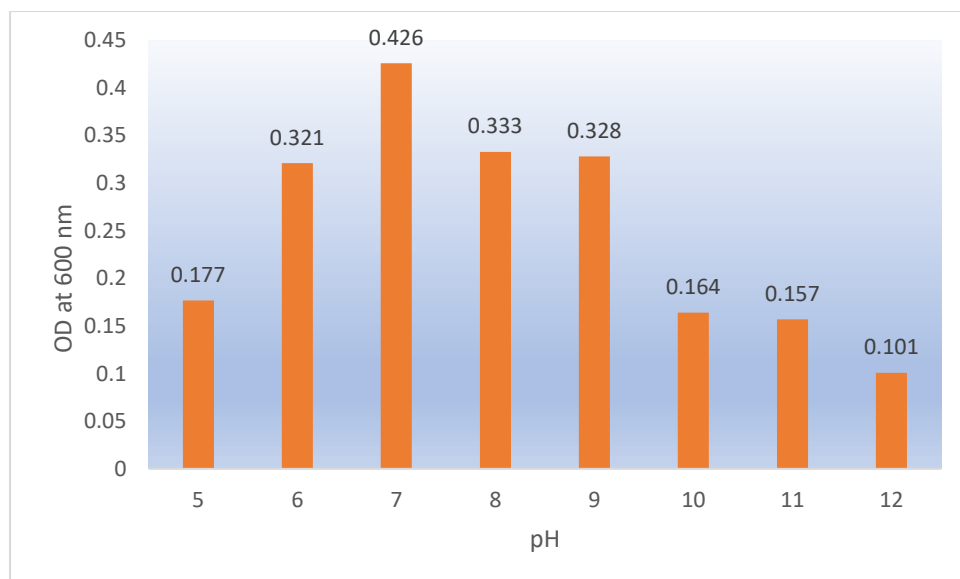
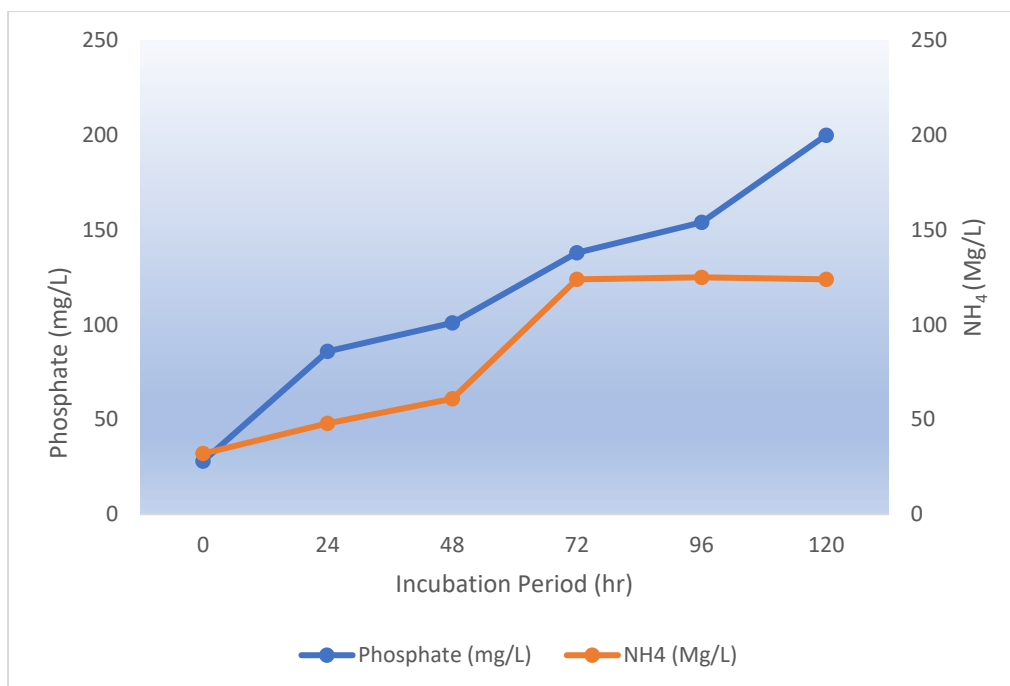


**Figure S1:** Morphological charecteristics of *Aporrectodea rosea*



**Figure S2:** Effect of pH on the growth of PSEG1



**Figure S3:** Phosphate solubilization and ammonia production potential of PSEG1