The Biochemistry graduate program from Universidade Federal do Ceará (UFC) have been receiving grade of four since the creation of the CAPES national evaluation process. Since its Master course establishment in 1971, and the more recent beginning of the Doctor's degree course, in 1993, this program distinguishes because it is the only in Brazil that has a central research line focused in plant comprehensive studies, including biochemistry, physiology and molecular biology. Moreover, our Program is the sole one at Brazilian North and Northeast in the biochemistry area at PhD. degree. Nowadays, our studies concern from current agricultural problems, like plant resistance to environmental stresses, passing through plant genetic transformation, to biotechnological applications of plant proteins in medical issues, like tumor suppression mechanisms. The Program counts with 16 doctors as faculty members and most of them obtained their doctorate degree at institutions abroad. About 70% are CNPq fellowship honored researchers. In the current year, the program has a total of 81 graduate students, 19 M.Sc. and 61 Ph.D. students. This number is under constant growing and it almost doubled in the last three years. It’s noteworthy that all students are fellowship granted, particularly from FUNCAP, followed by CAPES and CNPq. To date, the Program has produced 178 and 90, with averages of 15 and 8, per year, M.Sc. and Ph.D. theses, respectively. The average finishing time for our master’s degree students is 26 months whereas is 49 months to our Ph.D. students. The increasing number of students and theses together with their inclusions in scientific and teaching activities are good indicators that the program is suitable to the formation of young scientists to our research community. Our research group is involved in numerous collaborations with other Brazilian and worldwide institutions. About 50% of the articles are published in high quality international journals and an increase in this number is soon expected, since the recent implementation of mechanisms to improve the quality of the publications was adopted. As main limiting factors identified in our Program, can be cited: physical infrastructure, difficulties in equipment maintenance as well as in heavy equipments acquisition, distance from the key academic centers, low involvement of students in the scientific publication, and the difficulty to access some especial CAPES and CNPq programs like sandwich Ph.D. and junior post-doctoral at Brazil. Finally, we emphasize the important role this Program plays, acting as a link for specialized professionals interested in working with teaching Institutions and plant science research centers.