

Good strategies are required to meet challenges. This applies to all human activities including agriculture. Strategy is defined as a method or plan chosen to bring about desired future, such as achievement of a goal or solution to problem. It is an art and science of planning. Challenges create opportunities. Greater the challenges, more the opportunities! What are the plant physiological strategies to bring about desired future in agriculture? As plant physiologists, we have many limitations to handle the challenges in agriculture. In fact, plant physiology is the basic science for all other agricultural sciences (disciplines) like agronomy, genetics, plant breeding, seed science, soil science, agricultural chemicals, microbiology, plant pathology, entomology, biotechnology, molecular biology, genetic engineering etc. The knowledge of plant physiology is absolutely essential for all agricultural scientists who face the challenges in agriculture. Since plant physiology is the study of plant functions at community, whole plant, tissue, cellular and molecular levels, every agricultural scientist has to view their problems in the light of plant physiology which in fact, integrates all agricultural sciences. Such integration is very much essential for meeting the various challenges in agriculture.