# **CHAPTER 03**

# **MATERIALS AND METHODS**

## **3.1 Experimental Location**

The field experiment was carried out in open fields at the agronomy division of the Rice Research and Development Institute (RRDI), Bathalagoda (Longitude- 80.264 0, Latitude- 7.5310) in the Low country Intermediate Zone (IL1) of Sri Lanka. The experiment was conducted during the “Maha” season from September to December 2018. The annual rainfall of the area is 1500-2285mm and the daily mean temperature is 230C – 280C. The soil type of that area is Red Yellow Podzolic.

## **3.2 Description of the Treatments and Experimental Design**