The present study was conducted in Belagavi and Bagalkote district in north Karnataka during the year 2018-19 with the objectives to assess the constraints faced by sugarcane respondents. Ex-post-facto research design was undertaken for the present study. Major constraints faced by sugarcane respondents were inadequate water supply (87.50 %), followed by non-availability of labours (81.67 %), timely availability of credit (76.67 %), irregular supply of electricity (75.00 %), high wages of labours (74.16 %), low price (58.33 %), high cost of inputs (45.83 %). Sugarcane growers also faced problems like inadequate credit (35.00 %), lack of technical guidance (25.83 %), transportation (21.67 %), high interest rate on loan (15.83 %) and inadequate subsidy (09.17 %).