



Mahatma Phule Krishi Vidyapeeth, Rahuri

Forecasting Agricultural Output using Space, Agrometeorology and Land Based Observations (FASAL) (Ad hoc Project)

1.	Year of Start	:	2011
2.	Duration	:	2020
3.	Financial Outlay	:	Rs. 4.27 lakhs
4.	Funding Agency	:	Ministry of Earth Sciences, IMD, New Delhi
5.	Principal Nodal Officer	:	Dr. J. D. Jadhav
6.	Contact Details	:	Head, Department of Agil. Meteorology, College of Agriculture, Pune 411 005 (Maharashtra) Phone : 020-25538009 Email : amfupune@gmail.com
6.	Objectives of the project	:	<ul style="list-style-type: none">• To establish the relation between weather and crop growth, development and yield for Sugarcane, Cotton and <i>rabi</i> Sorghum.• To asses and establish the relationship between weather, field level management practices and land factors for crop yield forecasting.• To determine genetic coefficients for popular varieties of Sugarcane, Cotton and Sorghum for running crop simulation models for crop yield forecasting.• To issue multiple crop yield forecast for Sugarcane, Cotton and <i>rabi</i> Sorghum in Western region of Maharashtra State at mid season (F2) and pre-harvest stage(F3).