



Mahatma Phule Krishi Vidyapeeth, Rahuri

Estimation of potassium requirement along with the secondary nutrients with POLY4 for sugarcane and cotton crop under pressurised irrigation in vertisols (Ad hoc Project)

1.	Year of Start	:	2019-20
2.	Duration	:	3 Years
3.	Financial Outlay	:	Rs. 43.725 lakhs
4.	Funding Agency	:	Sirius Minerals Ltd, India PLC, UK.
5.	Principle Investigator	:	Dr. P.S.Bodake
6.	Contact Details	:	Chief Scientist, AICRP on Irrigation Water Management, Mahatma Phule Krishi Vidyapeeth, Rahuri -413722. Dist Ahmednagar (Maharashtra) Phone : 02426-243260 Email : wmp.2008@rediffmail.com , wms.mpkv@gov.in , prameghash@gmail.com
6.	Objectives of the project	:	Objectives: <ul style="list-style-type: none">• To estimate the reduction of K requirement of the major cash crops and cost of fertilization• To monitor effect of poly halite nutrients on crops and soils along with its interaction to other nutrients for maintaining the sustainability.• To study the effect on poly halite fertilization on yield and its recovery of major crops of Maharashtra.• Effect of poly halite on agro-industry for improving recovery percent and profits.• Effect of polyhalite fertilization on plant health and reduction in the pest problems.