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## Research Paper

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# Performance of black gram [*Vigna mungo* (L.) Hepper] varieties to different sowing dates

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■ P.B. JADHAV, D.R. KAMBLE<sup>1</sup>, K.T. JADHAV<sup>1</sup> AND D.L. GADPALE<sup>1</sup>

### AUTHORS' INFO

#### Associated Co-author :

<sup>1</sup>Department of Agronomy, Vasantryao  
Naik Marathwada Krishi  
Vidyapeeth, PARBHANI  
(M.S.) INDIA  
Email:  
[deepalikamble4444@gmail.com](mailto:deepalikamble4444@gmail.com)

#### Author for correspondence:

##### P.B. JADHAV

Department of Agronomy, Vasantryao  
Naik Marathwada Krishi Vidyapeeth,  
PARBHANI (M.S.) INDIA  
Email:  
[prashant\\_jadhav5pj@rediffmail.com](mailto:prashant_jadhav5pj@rediffmail.com)

**ABSTRACT :** The field investigation entitled performance of blackgram [*Vigna mungo* (L.) Hepper] varieties to different sowing dates will be conducted during *Kharif* season 2012-13 at experimental farm, AICRP on Water Management, MKV, Parbhani. The experiment conducted with four sowing dates in main plot viz., D<sub>1</sub> : Onset of monsoon (20<sup>th</sup> June), D<sub>2</sub> : 10 days after onset of monsoon (30<sup>th</sup> June), D<sub>3</sub> : 20 days after onset of monsoon (10<sup>th</sup> July), D<sub>4</sub> : 30 days after onset of monsoon (20<sup>th</sup> July) and three varieties in sub plot viz., V<sub>1</sub>-TAU-1, V<sub>2</sub>-BDU-1, V<sub>3</sub>-TPU-4. Gross and net plot size viz., 4.5 m x 4.4 m and 3.9 m x 4.0 m, respectively. The soil was medium black, clayey in texture, alkaline in reaction and higher in total soluble salt concentration, low in nitrogen and rich in phosphorus, potassium and lime, alkaline in reaction with high base saturation. Sowing was done by dibbling method. From the result of experiment it can be concluded that, among different sowing dates in black gram, the sowing at 20 days after onset of monsoon (10<sup>th</sup> July) was found optimum for achieving higher seed yield whenever the onset of monsoon delayed. The black gram variety BDU-1 was found highly productive as compared to TAU-1 and TPU-4.

**Key Words :** Blackgram, Sowing date, different varieties

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