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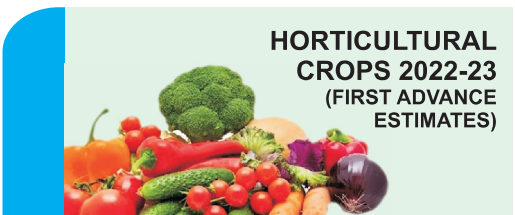
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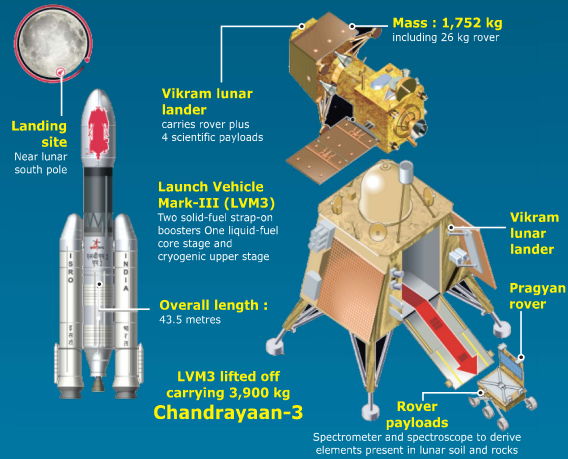
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**HORTICULTURAL CROPS 2022-23**  
(FIRST ADVANCE ESTIMATES)

# CHANDRAYAAN 3



**Landing site**  
Near lunar south pole

**Vikram lunar lander**  
carries rover plus 4 scientific payloads

**Launch Vehicle Mark-III (LVM3)**  
Two solid-fuel strap-on boosters One liquid-fuel core stage and cryogenic upper stage

**Overall length :**  
43.5 metres

**LVM3 lifted off carrying 3,900 kg Chandrayaan-3**

**Mass : 1,752 kg**  
including 26 kg rover

**Vikram lunar lander**

**Pragyan rover**

**Rover payloads**  
Spectrometer and spectroscope to derive elements present in lunar soil and rocks

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Topper—Civil Services Exam., 2022  
(36th Rank)



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64 **Arnav Mishra**  
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