

7/9/22
23-7
agri

The curriculum related to agricultural discipline needs to be reformed for better outcomes. Do u agree? Substantiate

The present day food production challenges of producing more with less compounded by climate change stresses the need to reform the curriculum related to agriculture.

Need for Reform 58% of population of India rely on agriculture that contributes 18% to the nation's GVA. The contribution of farmer producer organisation, agri startups, enhancing agri-infrastructure and exports demand a dynamic agriculture curricula.

India spends only 0.4% of agri GDP in agriculture research = 2001.

Existing Frameworks

① The NARES - National Agriculture Research Education System has developed more than 27,500 agri scientist and over 1 lakh support

staff.

② NAHEP - National Agricultural Higher Education Project was constituted by ICAR for market oriented curricula.

③ NAAS - National Academy of Agriculture Science has formulated agriculture education policy to redefine agriculture syllabus and extension services based on access, equity, quality, affordability and accountability.

④ Agenda of reform

The policy must be aligned with NEP 2020 to bring agriculture as elective paper from schools.

Innovations in agriculture need to be adopted to local conditions and agroecological regions. Increasing the allocation for R&D

to at least 1-2% of agri GVA

with technologies such as drones, AI, IoT and big data making us roads in farms, close linking agri syllabus with technology and traditional practices will give a win-win situation.