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There is an urgent need for the mapping of traditional knowledge of Indian farmers. In this context, discuss the need and viability of sustainable digitalization drive for agriculture. (200 words).

Indian farmers are cultivating land for around several centuries. They have a vast amount of knowledge which are yet to be accounted in any of medium - digital or hardcopy.

Need for sustainable digitalization drive

For accounting traditional knowledge currently digital platforms are more suitable.

- 1) In the era of knowledge and intellectual property playing an important role it is important to digitalize farmer's traditional knowledge

Eg: Covid times have proved importance of IPR

Many MNC have also earlier tried patenting turmeric, neem which are native to India.

- 2) Secondly a sustainable digitalization drive helps in sharing knowledge, do safe transaction, faster money transaction and solve the farmers credit delay issue. Thus can contribute to doubling farmers income by 2022.
- 3) Digitalization of agriculture could increase the speed of logistics of perishable goods.

❖ Viability of sustainable digitalization

- 1) Currently farmers are less aware about Digital Traditional Knowledge ~~Platform~~ Library, Farmers Rights act, Intellectual property right e-NAM. Thus awareness must be created.
- 2) Secondly the digital divide among farmers and MNCs prevent farmers approaching digital model of agri technologies. There is only 32% of internet penetration.

Thus considering pros and cons government should support and train farmers in agri techs.