

Critically examine measures taken by government in promoting sustainable agriculture? -

Sustainable agriculture:-

Sustainable agriculture is ^{the} agriculture practice that is economically viable, socially acceptable and environmentally safe

Government is having national mission on sustainable agriculture (NMISA) for developing and encouraging sustainable agriculture practice in India under this we are having many schemes

(i) Rainfed area development:-

under this scheme the catchment area is maintained and developed. here natural resources are conserved along with agriculture. Here existing resources are used and also created through water shed management through schemes like MGNREGA, NWDPRA, IWMP.

This scheme has improved the water availability and water resource of the country. The catchment area has improved to store more water. So that drought like situations are easily mitigated

(ii) On farm water management (OoFWM)

This scheme mainly focus on water use efficiency NMME - national mission on micro irrigation and pradhan mantri krishi ^{samadhan} ~~samadhan~~ yojna (PMKSY)

has led to drip irrigation which improved agriculture area improved the productivity and also income of the farmers. Through this scheme total land under agriculture is improved.

(iii) Soil health management Scheme (SHM) :-

here location as well as crop specific soil health management is done along with residue management and organic farming. here it will educate people how to use fertilizer judiciously as over use leads to soil degradation and organic farming is booming sector as world is slowly moving towards organic farming. It also says about soil conservation and soil erosion.

It gives thematic database about soil by using scientific surveys and GIS so that appropriate cropping pattern, fertilizer and irrigation pattern can be used to increase productivity.

(iv) Climate change and sustainable agriculture: monitoring modeling and networking (CCAMM) :-

This scheme provides climate change information and also provide techniques based on local climatic conditions and experts used to monitor this three years.

As climate change has affected farmers a lot this is a very important scheme, which will make farmers adopt climate resilient agriculture techniques which will be very much helpful in forth coming days also.