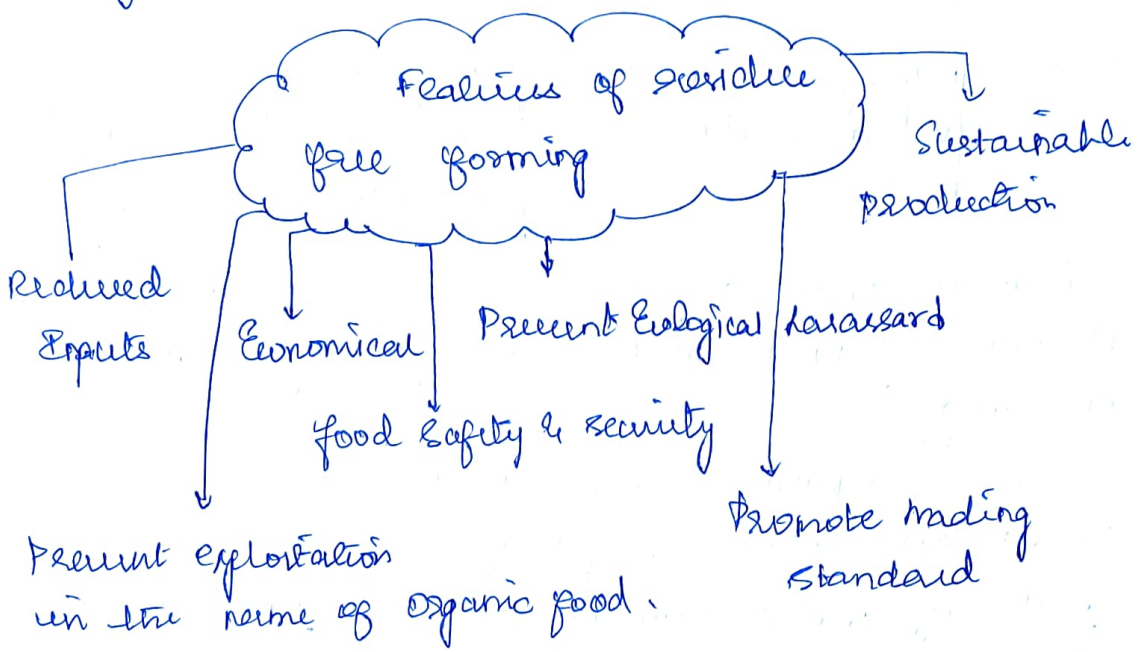


Residue free farming is relatively a better option when compared with organic farming. Do you agree with this view?

Residue free Farming:

A kind of farming practice which uses the approach of Integrate chemical management system crop cultivation i.e., judicial application of farm inputs like fertilizers and agro-chemicals in order to bring food security.



Organic farming vs Residue free farming

<u>Organic farming</u>	<u>Residue free farming</u>
<p>Input Organic minerals, farm waste, Biochemicals (Biofertilizer + Biopesticide)</p>	<p>Inorganic fertilizers & pesticide with minimal/judicial requirement and also uses organic inputs like rock phosphate</p>
<p>Effect Effect on crop will be gradual and may also less</p>	<p>Immediate change in crop</p>
<p>Yield Initially the soil and crop need to be acclimatized for bumper yield</p>	<p>Estimated yield can be obtained if the condition is favorable without natural calamity.</p>

Persistence of contaminants	Complete Organisms don't contain contaminant except plant toxin secretions	Contaminable are lesser under judicial inputs while excessive affects by ^{biomagnification} and bioaccumulation
Cost efficiency	Depend on the sale point with OECD certification (high price) and local farmer (exploitative price)	Irrespective of certification fetches average price
Export	Stringent monitoring and quarantine	Stringent monitoring and test of Maximal Residuary Contaminants are tested

From the above comparison it may seem to be the best with regard to pesticide free farming but has its own struggles:

- ✓ Lack of awareness among small and marginal farmers who contribute to 85% of farming in India
 - ✓ Lack of communication between the Extension workers and farmer lead to trap of fertilizer sellers in near locality.
 - ✓ Chain reaction of unscientific practices from nearby farms
 - ✓ Barriers in communication with Government for even soil testing and leaf colour checking in remote area where officials seldom visit
 - ✓ Discontent about farming in contemporary generation.
- Way forward:

Decentralized villages and farming need to be taken for disease and contamination free food in future. Food security starts with grass root awareness and ability to reach the high foreign revenue with farmers able to search and, understand and utilize the Technology properly.