

# **INTEGRATED WEED MANAGEMENT**

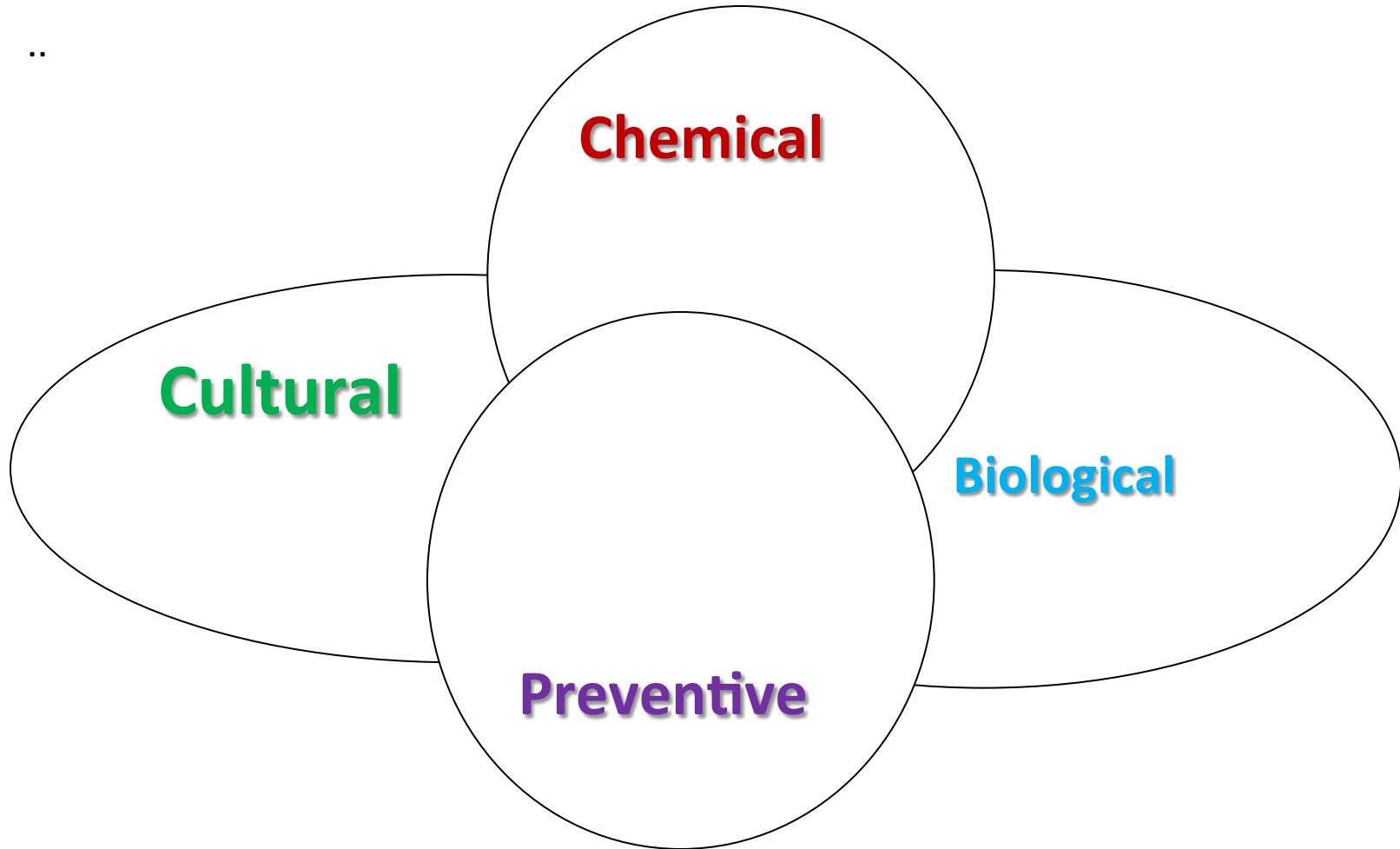
# Definition

- **Integrated Weed Management (IWM)** refers to the system of combining 2 or more weed management systems at low input level to keep weed interference in a given cropping system below economic threshold level.
- It seeks to obtain a level of weed suppression which is superior to that ordinarily obtained when one weed management system is used.

- **IWM may involve any of the following**
  - Cultural plus chemical
  - Cultural plus biological
  - Cultural plus preventive
  - Biological plus chemical
  - Combination of three or more of these methods

# Illustration of IWMM

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# Why IWM is desirable

1. Inability of any one method of weed control to completely solve the weed problem
2. Tendency of weeds to adapt to a given cropping system and thus escape control
3. Ability of weeds to develop resistance to a frequently used herbicide
4. Seasonal fluctuation in labour availability
5. Reduction in environmental degradation/hazards