

# WS Defining and assessing sustainability of varieties

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All participants

## Defining sustainability of varieties

- Four pillars of the 4th memorandum of the EU VCU Platform, 2022
  - Yield and yield stability
  - Resistance of tolerance to biotic stress
  - Behaviour to different environmental conditions
  - Quality characteristics
- Proposal for PRM, Art 52, paragraph 1, points (a) to (g)

Proposal for a one-line characterization:

A sustainable variety utilizes natural and applied resources as efficiently as possible.

## Assessing sustainability of varieties

- The sustainability of a variety results from the interaction of many individual characteristics.

What methodologies could be employed to assess sustainability as an overarching characteristic?

- None, just describe the variety in each single trait of relevance for sustainability.
  - Try an index-approach, to assess this multi-criteria performance of a variety.
  - Other integrative evaluations: e.g. area covered in radar charts or area under graphs.
  - .....
  - Pros and Cons?
- What is the relationship between the sustainability of a variety and its yield stability?