

## Liveseeding\_Quiz 12.3

\* Obligatoire

1. Seed quality and vigour are mainly affected by seed storage conditions. This it the only factor to control if I want to improve the quality of seeds I am producing. \* (2 points)

True

False

2. Please tick the statements that are true (there may be several) : seed vigour... \* (2 points)

... remains stable until the seed loses its germination capacity completely

... is associated with a quick germination process

... doesn't really matter, as long as seed meets the germination requirements set for seed certification

... is defined as the tolerance of the seeds and seedlings to stresses that occur during seed harvest, storage and during germination in the field

... is associated with longer shelf life (storage ability) of seeds

... is reduced if the seed did not have time to reach full seed maturation before drying

3. Please tick the correct statement. \* (2 points)

In general, multiple harvests are always better for seed quality than harvesting all at once.

Some crops mature gradually and require special care at harvest. The seed grower can optimize seed maturation by making multiple harvests. If the seed is harvested in a single run, e.g. mechanically, the seed grower needs to determine the time of best compromise between seed maturity and seed shedding.

A seed crop should always be harvested all at once, in a single harvesting operation. Lighter, immature seeds will be sorted out during the seed sorting and cleaning process

4. Is the following statement true or false ? "Shedding seed crops should be harvested and dried quickly before shattering occurs, to avoid reducing the quantity and quality of harvested seeds." \* (2 points)

False

True

5. What happens during the late maturation phase ? Please tick the correct answers. \*  
(2 points)

- The seed is no longer connected with the mother plant for the import of nutrients
- Seed moisture levels increase
- The seed develops protective mechanisms by producing anti-oxidants, protecting proteins, condensation of the DNA and chlorophyll degradation
- Chlorophyll levels are stabilized

---

Ce contenu n'a pas été créé ni n'est approuvé par Microsoft. Les données que vous soumettez sont envoyées au propriétaire du formulaire.

 Microsoft Forms