

**Standard 5 Working Day
Turnaround Time**
(Express Service Available)

Pollen Viability and Germination Testing

- Pollen Health Testing
- Vitality and Reproduction
- Maximise Crop

What % of your pollen
is actually viable &
will germinate?

Did you know that
identifying a potential pollen
viability problem early,
may enable you time to
address the problem?

If bees become scarcer and
alternative pollen technology
has to be relied upon,
how will you ensure
it has been effective?

Is your pollen
viability level decreasing
year by year?

Why test the health of your pollen?

Testing the health status of plant pollen is essential because it directly impacts plant reproduction, fruit, seed, and grain production. Healthy pollen is critical for successful fertilisation, leading to maximum yields.

Assessing Pollen Samples.

Testing pollen samples relates to two key assessments - Viability & Germination.

Viability Test - ALTSA's expert scientists can evaluate the viability of multiple pollen samples to give you an overview of your farm's pollen health.

In Vitro Germination Test - assesses whether pollen can complete post-pollination events and effect fertilisation, which is essential for seed production.

NOTE - *Just because pollen is viable, doesn't necessarily mean that it will germinate.*

Nutrition Testing related to pollen - ALTSA can also provide nutrition testing of plant materials. Metals such as boron play a key part in healthy pollen development.

A boron deficiency for instance can result in low pollen viability, low germination levels and poor pollen tube growth and development.

What to do if you have low viability & germination ability?

- Direct more bee hives to the problem area.
- Collect high viability pollen and apply your high viability pollen to trees in the low viability farm area.

TALK TO US TODAY!

03 4014 9760

admin@altsa.com.au

585 River Avenue, Merbein, Victoria 3505
altsa.com.au