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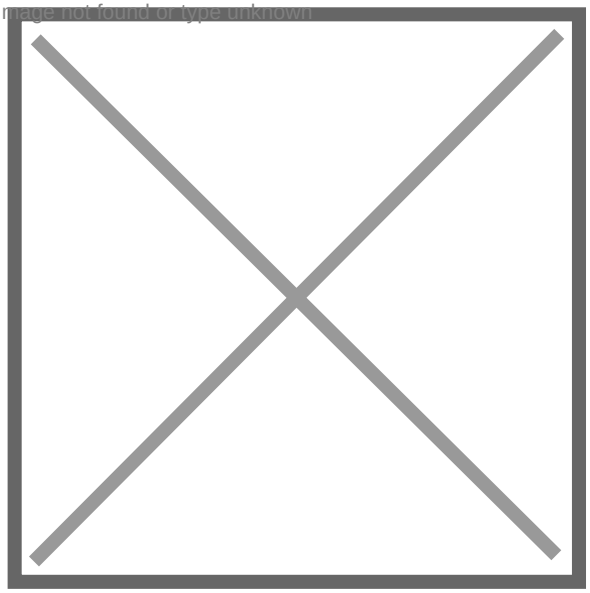
**Product Name :**

Germinating Pollen Grains

**Product Code :**

SCL468/0147

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# Description :

**Germinating Pollen Grains** (Product Code: SCL468/0147) is a microscope slide used to show pollen grains at the germination stage, when a pollen tube grows out of the grain, in plant reproduction practicals. It gives school and college students a clear view of the first step towards fertilisation in flowering plants, on a clear borosilicate glass slide kept in a white rectangularplastic box. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India,within its plant biology lab equipment range.

## Key Details

| Parameter | Detail |
|---|---|
| Specimen | Germinating pollen grains |
| Slide material | Borosilicate glass |
| Slide colour | Clear |
| Supplied in | White, rectangular plastic box |
| Application | Laboratory use |
| Product code | SCL468/0147 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is the Germinating Pollen Grains Slide Used For?

In the reproduction unit, students often try to germinate fresh pollen themselves by dusting it onto a drop of sugar solution in a cavity slide and checking it after some time. Results vary with the flower, the season and the room temperature, so a reference slide ensures every student still sees a successful germination: the rounded grain, the point where the tube has broken through the wall, and the tube itself extending across the field.

Begin on low power to find a group of grains, then move to high power to follow individual tubes. Return the slide to its plastic box after each class and keep it away from heat. For schools planning school biology lab equipment in India, it pairs well with flower dissection and angiosperm life-cycle lessons.

## Supplier

Operating as ScienceLab, Jain Scientific Equipments Private Limited is based in Ambala, Haryana, and supplies slides, charts and apparatus for biology teaching to institutions and distributors in India and international markets. The company profile has further details.

## Related Biology Lab Equipment

For the pollen germination practical, buyers usually also need:

- Sucrose — for preparing the sugar solution in which fresh pollen is germinated.