



**pronadisa**  
Micro & Molecular Biology



## Plant Propagation Agar (PPA)

Agar-agar is a natural hydrocolloid extracted from several species of red algae, mainly the *Gelidium*, *Gracilaria* and *Pterocladia* types.

CONDA's PPA is a high gel strength agar specially prepared without bleaching chemicals, intended for use in seed germination and plant tissue culture. It is recommended for commercial micropropagation of ornamental, succulent and woody plant species, as well as "in vitro" genetic engineering in the plant research field. The "in vitro" first stages of seeding and cutting growth are essential to the survival

and investigation of the new plants once they are transferred to the natural substratum where the adult plants and trees are located.

Our PPA is widely employed as the preferred gelling agent for plant tissue culture. The various brands of commercially available agars contain different amounts of impurities and have different physiological properties which affect culture performance.

CONDA agar has a well-known success rate and is backed by a scientific study performed at Università Degli Studi di Milano (Dipartimento di Produzione Vegetale).



### Highlights

**No chemical residues** to interfere with plant tissue growth.

Clear, transparent gels for **early detection of contaminants** such as bacteria and molds.

**Firmer gels** in low pH media and with charcoal.

Consistent gel strength means **fewer media adjustments**.

**Cost-effective** to use at 0.5 to 0.6% in solid media.

knowledge. partnership. future.

