



PRO GEL



SCIENTIFICALLY FORMULATED
PROPAGATION GEL

ORDER NOW
AT ACCENT HYDROPONICS

TOMORROW'S TECHNOLOGY
FOR TODAY'S HORTICULTURALIST

A Scientifically Formulated Propagation Gel Suitable for both Soft and Semi Hardwood Cuttings

Pro Gel contains specially selected plant growth hormones.
Hence it is stronger and more beneficial than other brands.

Manufactured in Australia.

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STRONGER AND MORE BENEFICIAL THAN OTHER BRANDS

Manufactured in Australia, Pro Gel is a scientifically formulated propagation gel and is suitable for both soft and semi hardwood cuttings.

Pro Gel contains the plant growth hormone Indole and Naphthalene Acid. Hence it is stronger and more beneficial than other brands.

The viscosity (thickness) Pro Gel is the stickiest and most binding Prop Gel ever produced. Pro Gel is a very viscous gel which seals the stem and stimulates the cutting to produce roots **Super Super Fast!!**

Note - When trying to strike seeds or take cuttings it is always an advantage to have all the correct tools. Often the simplest of reasons causes seeds not to strike or cuttings no to take; this could be something as basic as not having a simple heat pad in the winter months.

Remember to always follow the propagation basics and maintain the following parameters

- Accent Seed & Clone Propagation Solution, set strength at 5 to 7CF
- Root zone temperature 25 deg c.
- Humidity 70 to 85%.
- pH level 6.3

An improved strike rate and can be achieved by using Accent Plant wax anti transparent.

Finally remember, the cuttings with the healthiest root system will be the same ones you will be proud of at harvest time.



**Available in 50ml,
250ml, 1 litre,
5 litre and
20 litre sizes.**



Pro Gel, another quality product from Accent Hydroponics.



HOW TO TAKE CUTTINGS USING ACCENT PRO GEL

Taking Cuttings

Cuttings can be taken from anywhere on the mother plant, provided they are tip cuttings and the stems are of the correct thickness i.e., 4 - 6 mm in diameter. Take cuttings with at least three to four sets of leaves plus the two crown leaves. The top growing shoots make excellent cuttings; however make sure the stem is rigid and not too soft and flexible.

If you can bend it over it is not ready to cut from the mother. If you do take it as a cutting, more than likely it will not make it through the sensitive early stages of cloning. You may wish to take a number of cuttings at one time, if so prepare all the cubes or medium first, because any time that the cut is exposed to the air it can pick up pathogens and fungal spores which will lower your success rate.

Before you begin to take cuttings it is a good idea to have all the equipment ready and in good working order. All your equipment should be as sterile as possible.

Step One

Pre-soak the propagation blocks or media with a mix of Accent Seed 'n' Clone Solution in a bucket/tub of luke warm water. Do this at the recommended dosage rates - we'll call this the bucket or batch solution so doesn't discard this yet. Soak blocks for about 20 minutes and pour off the excess prior to the cloning session. Then lay out propagation cubes in the tray. Use the preferred 50 x 50 cubes and you should be able to do about 20 cuttings per tray.

Step Two

Take a single edged razor blade and begin taking your cuttings. Take cuttings just below the third or fourth internodal junction of the plant at a 45 deg angle, and then trim the bottom two sets of leaves flush with the stem. If the leaves are large, trim approximately 50% of leaves by cutting across the leaf surface. By doing this you will slow the transpiration rate down. Next dip the stem of the Cuttings into the cloning gel to about 5 mm above the cut.

Prop Tip!

Do not dip directly into the rooting hormone bottle. Instead pour a small sample into the cap and use it all. By doing this you reduce the risk of cross contamination and minimize the introduction of any bacteria or disease into the main container. Also store your propagation gel in a cool dark place. If you place it in the fridge be sure to bring it out well before each session to ensure it returns to the ambient room temperature.



Step Three

Now you are ready to put the cuttings into their propagation blocks. Slice a hole about half way down the block. If you are doing multiple cuts I would suggest you do this beforehand. Gently insert the stem half way into each block or media pot, making sure at this time the stem does not protrude out of the bottom of the block. After all the cuttings are in the propagation blocks and placed into the tray you may find an excess of solution has built up in the drip tray. Discard this before placing the clear propagation lid over your new cuttings.

Prop Tip!

Remember, you need to develop roots so limit the foliar feeding, if any at all, to every 3 to 5 days. A light spray of Accent Plant-Wax would be only the only foliar spray you need to use at this time. This will dramatically slow down the transpiration rate and stop your cuttings from wilting.



Step Four

Now the propagation lid is on the tray, place it on the heat pad in total darkness for 24 hours making sure you close the vents on the grow top as this will allow the hormones to take effect more quickly. After this you can set your lighting at 18 hours on and 6 hours off. Check moisture levels every 2 to 3 days, if blocks are drying out, saturate with the batch of Seed 'n' Clone solution you made up initially. Be careful that you do not have the solution sitting in the bottom of the tray; the blocks must be able to freely drain at all times.

Step Five

After seven days, open vents on the vented top. Monitor progress of clones for another 2 to 3 days. By this stage it should be time to take grow top off the unit and expose cuttings to the normal air. Monitor moisture levels in the propagation blocks and inspect the progress of the root development of the cutting. By day 7 or 10 you should be able to see roots appearing from the bottom of the blocks, a good sign. Healthy roots look thick, white and hairy, sickly roots look thin, yellowish, brown and hairless.

Finally remember, the cuttings with the healthiest root system will be the same ones you will be proud of at harvest time.