

Growing your Variegated *Philodendron billietiae* seeds



Congratulations on giving these seeds a go! 🎉

These seeds came from a self pollinated *Philodendron billietiae* variegated that we pollinated September 2023. Out of 5 inflorescence, we were only able to successfully pollinate 1. The seeds were cleaned off the berries and sterilized with 10% alcohol to minimize growth of pathogenic disease. Although they were sterilized, we didnt treat them with preservative chemical. They come in a moist paper towel folded together to hold the seeds in place. If you see any moulds growth on the paper when the package arrive, immediately take the seeds out and clean in water.

The care tips below are just recommendations based on how we grow these seeds. If you have a previous experience in growing seeds, please use the process you are more confident with.

Germination- Seeds will need water to break the dormancy. You can put them on top of a moist paper towel inside a clear take away container with lid closed. These seeds are recalcitrant and will need to be in constant moist to keep the embryo alive. So make sure that the paper is always moist and don't dry out. Normal water is sufficient, they don't need fertilizer at this point. This time of the year, they will not need additional warmth to help with the germination, so heat mat is not necessary. Also, heat mat can cause the paper towel to dry up. When they break dormancy, they will first push out the main root, which looks like a white hairy strand popping out of the seed. When this happens, you can start transplanting them on your seedling media. Until then, always keep an eye for mould growth on your paper towel; replace and clean if moulds appear. Germination can take sometime, between 1-3months or even longer.

Transplanting- Once the seeds has germinated, you can transfer them to a seedling media of your preference. The media will need to be fine textured to help with fine roots. We use moist chopped sphagnum moss as our seedling mix. Pick the seeds using a tweezers. Be mindful that the roots might be stuck on the paper and will need to be handled carefully. Not all seeds with germinate the same time, so you will need to do this several times. Once the germinated seeds are on the seedling mix, place them back inside a box. If you dont have a grow light, a bright area near a window should be sufficient. Make sure they will not get direct sunlight that will scorch or burn them.

The best of luck with your seeds! We would love to hear how they go! Thank you!

