

# Ormond Nurseries Ltd

MARLBOROUGH

Grapevine Propagation Specialists

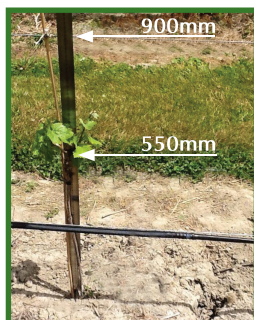
## HI-STEM™ Tall Vines Planting and Care Instructions

**H**I-STEM™ tall vines are designed to provide you with healthy grapevines that are rapid to establish and cost effective in the vineyard. However, there are some unique characteristics that make the care of your HI-STEM™ vines different from the traditional sized vines to which you are accustomed.

The following is an ONL HI-STEM™ planting and general care guide to help you get the best from your tall vines.

**1** Ormond Nurseries HI-STEM™ tall vines are grafted onto a longer than normal section of rootstock. As a result, they are designed to be high enough to eliminate the need for any bud rubbing. Weed control is also made easier. Due to the taller rootstock section, no spot spraying is required over and above a general broad acre weed spray. The unique height, however, will be low enough to ensure that there is adequate room between the vine head and the fruiting wire when pruning your vines.

**2** For a 900mm fruiting wire we have found that a vine height of 550-600mm above the ground is advisable. Too high and the head of your mature vine will be too high at pruning time, too low and you lose the benefit of weed spray clearance.



**3** A bamboo stake and a tape gun is all you need for supporting the vine.

**4** Vine guards are not required as your weed spray will only be in contact with the woody part of the vine.

**5** During the first season, use best possible viticultural practice. Seek professional advice if you have any questions.

**6** Your ONL HI-STEM™ tall vine will reach the wire faster, however, please avoid over-cropping in the early years. Best practice for cropping young vines should be followed. Please contact ONL or seek advice from a trained viticulturist if you are in need of help.

**7** Our experience (and that of our colleagues in Europe) is that tall vines require extra watering to avoid drying out during the first season of growth. This is linked to the extra trunk surface area, and explains why we dip them in wax before dispatch. Please do not be tempted to pick the wax off as it is there for a reason.

Extra moisture is especially critical when they are used as a replacement vine in an established vineyard. We recommend a good long soak immediately after planting along with regular watering to get your HI-STEM™ vines off to the best possible start. Dry soil around your tall vine will lead to slow growth and most probably death by desiccation.

**Please note:** When tall vines are used to replace a dead vine within an existing vineyard it will not grow any faster than a traditional sized vine of the same age



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