

Put your vines on the fast track to harvest.

What if you could pick grapes 1 year earlier?

After just one growing season vines in Jump Start® Grow Tubes typically have:

- Fully trained cordons
- Thicker, more mature stems
- Uniform growth rate throughout the vineyard
- 70% more stem dry weight
- 70% more root dry weight
- Balanced root-to-shoot ratio to sustain early & large crops



Field of first leaf vines!

Jump Start® Grow Tubes fuel faster, healthier growth 3 ways:

- 1) By dramatically reducing the moisture and light stress that hinders early vine growth
- 2) By allowing full leaf expansion for photosynthesis, thanks to Jump Start's large 3.5" diameter
- 3) Twin-walled for light diffusion and translucent to specific sunlight vines need, JumpStart® Grow Tubes are packed with advanced greenhouse technology to stimulate the vine's own phytochrome to grow the **whole vine** from roots to shoots.

Jump Start
GROW TUBES

The Result: Almost all growers who use Jump Start® Grow Tubes...

- Pick their first commercial crop 1 year earlier
- Ramp up to full yield levels 2 to 3 years faster

For a detailed explanation of how Jump Start® Grow Tubes fuel growth, please visit www.plantra.com

Plus, Jump Start® Grow Tubes save money 4 ways – in fact, they pay for themselves in just one season!

While Jump Start® Grow Tubes are busy accelerating vine growth, they are also reducing all of your vine establishment costs! The savings from using Jump Start® Grow Tubes once far and away exceed the cost. On top of that, Jump Start® Grow Tubes are durable enough to re-use several times – so the savings are multiplied!

(1) One-Trip Vine Training

Jump Start® Grow Tubes automatically guide vines up to the cordon wire. And with Jump Start® Grow Tubes the growth rate is consistent throughout the vineyard, saving multiple trips to train vines up to the cordon wire.

(2) Vine-Safe Weed Control

Conventional growers: Jump Start® Grow Tubes completely shield young vines from Round Up®, making fast and effective weed control possible.

Organic growers: Jump Start® Grow Tubes protect tender vines from many types of mechanical in-row cultivators.

(3) Protection from Animals

Jump Start® Grow Tubes shield tender vines from animal predation, especially rabbits and deer, until they are safely trained on the cordon wire.

(4) Virtually Eliminate Costly Re-plants

Replacement vines – planted to replace vines that didn't survive – are the most costly vines in the vineyard. They require multiple extra trips through the vineyard to provide special care. By reducing vine stress, Jump Start® Grow Tubes increase survival rates and dramatically reduce the need for re-plants.


Plant Like You Mean It

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Jump Start®

GROW TUBES

FAQ*

Q. What are the benefits of using grow tubes?

A. Jump Start® Grow Tubes offer several time and money saving benefits:

- 1) Faster establishment of balanced, healthy vines
- 2) First commercial crop typically harvested 1 year sooner, with a faster ramp up to full yield levels
- 3) Fast & effective weed control
- 4) Reduced vine training costs – Jump Start® Grow Tubes channel growth up to the cordon wire, and vines grow at a very consistent, uniform rate
- 5) Protection from animal predation
- 6) Increased vine survival (reduced need for replants)

Q. What are the features I should look for in a grow tube?

A. Jump Start® Grow Tubes offer:

- 1) **Circular shape** to optimally diffuse light and minimize heat absorption.
- 2) **3.5" diameter** for full leaf expansion, thick stems & and a balanced root-to-shoot ratio.
- 3) **Side opening**, so the tube can be easily removed after the vine is trained to the cordon wire.
- 4) **Plantra's Exclusive and proven "Peach" color** is packed with advanced greenhouse properties to stimulate the vine's own phytochrome to grow the whole vine from roots to shoots.

Q. Why Jump Start Grow Tubes?

A. Every detail of Jump Start® Grow Tubes is designed to optimize field performance while saving costs

- Extra large tabs for fast & easy attachment to bamboo, pencil rod or trellis posts of any type or size
- State of the art pigment formulation for optimal growth
- Durable, compact packaging reduces handling costs and minimizes field trips

* For a complete FAQ please visit us at www.plantra.com



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