



Resin-XS

The #1 BLOOM BOOSTER
for serious growers

- Stimulates floral blooms and helps promote higher fruit weight.
- Aids in photosynthesis and carbohydrate production.
- Improves the ability of plants to absorb water and other nutrients.
- Resin-XS is a specialized flowering additive for use with PK additives. It does not contain any PGR's or induce foul residues in the reservoir.
- Dosage 2ml/L (7.5 ml/Gal) | Pack: 250ml // 1L // 5L // 20L // 1kL

TESTIMONIES

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“At the start of the week I thought really nice, everything is producing...then that week it just got huge...best ever. Its amazing, already the overall production is fantastic”.

“When the trichomes pushed out there was easily a third more than normal”.

“The Resin-XS goes well with everything, nice balance in the barrel and now just the most amazing forest green and in 100 percent blooming health. The touch is fantastic, the smell is so earthy and organic and the structure is so solid”.

”

When growing indoors, higher yields are obtained by training plants into a low, wide and flat canopy. This form promotes more flowering sites, and positions them in the light's "sweet-zone" which is ideal for photosynthesis.

This 'form' can be achieved through a combination of "topping" followed by Low Stress Training (LST). Topping is effectively used to obtain multiple, even-sized floral sites. LST is then used to bring these floral sites to the same height to maximize grow lamp efficiency (Fig 8.1).

STEP 1. Topping

When and how to 'top'?

Topping is best done when the plant is very young (less than 2-3 weeks old) and has only 2-5 nodes in total. Topping is the removal of the plants 'top' growth just above a node (Fig 8.2). Once topped, the two axillary buds immediately below the cut will then grow out into two new branches. Once these new branches grow out to 1 or 2 leaf sets (or nodes) they can be topped again (Fig 8.3a). This second round of topping will grow out to form four even-sized branches (potential bud sites - see fig 8.3b).

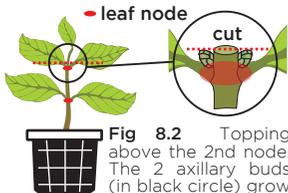


Fig 8.2 Topping above the 2nd node. The 2 axillary buds (in black circle) grow out into 2 branches.

Important points for topping:

1. Topping can be done more than twice however doing so will increase time in vegetative phase. Test to see what is most productive. Some experienced growers will top up to 5 times (or more) to obtain 32 branches and can be well rewarded for their efforts.
2. Healthy plants usually take 2-3 days to recover from topping. Never top during flowering as it causes too much stress. Do not top unhealthy plants. Also, avoid topping older, thicker growth as this takes longer to heal.

STEP 2. Low Stress Training (LST)

After topping (done twice in the scenario above - Fig 8.3b) there are four quality branches (or bud sites) growing vertically from what was originally the top node. LST involves pulling these branches downwards (to horizontal) and outwards (i.e. "star" configuration) so that all four branches are spread apart from one another, horizontal and at the same height (Fig 8.4).

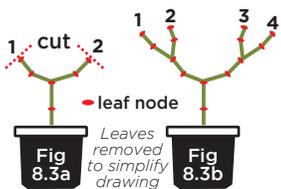


Fig 8.3a A second round of topping will grow out to form 4 even branches (Fig 8.3b).

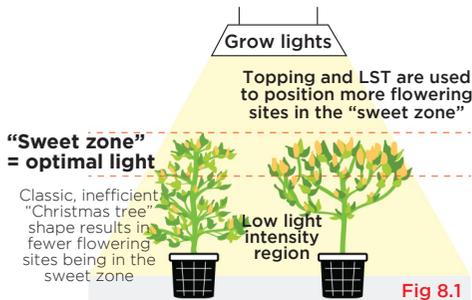


Fig 8.1

The lower branches from the nodes 'below' where topping occurred are now also closer and more exposed to the light. As these grow up they can be topped and manipulated using LST.

Important points for LST:

1. **When to start and finish LST?** LST should be started as soon as possible during the vegetative phase. Flowering phase can commence once all major branches are horizontal and level with each other. Budding can be triggered by switching lights to 12-on, 12-off. LST should continue during early flowering as vegetative growth continues. Maintain a flat, level branch structure. Vegetative growth will eventually stop when the plant is putting most of its energy into flowering. It can be beneficial to remove small, lower growth as this helps improve ventilation through the canopy.

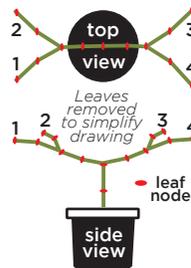


Fig 8.4 LST applied to plant in Fig 8.3b

2. **Bending branches:** Young growth is easier to bend than older growth. Also some species/ strains are easier than others. Do not rush to get branches horizontal, do this in stages. When a branch is first bent, growth will be slowed. Foliage will re-orientate towards the light then eventually start to grow. LST again once it grows another 3 inches or so.



Resin-XS stimulates floral blooms and helps promote higher fruit weight. PGR free.

How to secure branches for LST? For the full article on 'Topping & LST' please go to our Grow Guide at floramax.com
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