## To Inject into the Rootstock or the Scion?

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Summary: The current label recommends injecting oxytetracycline (OTC) into the rootstock, but this may not always be possible. We are currently studying the uptake rate of OTC in 8-year-old 'Valencia' trees on different rootstocks. Injections were performed in May 2023 between 9 am and 12 pm. We used FlexInject™ injectors filled with 100 ml OTC (11,000-ppm rate). The uptake rate was variable between trees and between trial locations and ranged from less than 30 minutes to several hours. We did not measure any significant difference in the uptake rate between scion and rootstock. Note that regardless of whether

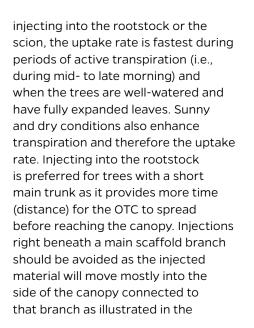


photo above using dye. If possible, try to inject in line with the crotch of the scaffold branches for better distribution throughout the tree. Yield and fruit quality were significantly improved in all trials, regardless of whether the trees were injected into the scion or the rootstock trunk.

## Take Home Message:

- Injections into the rootstock or scion are both effective.
- The leaf area, the time of day, and weather conditions influence the uptake rate.
- Rootstock injection may be better for trees with a short trunk.

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