Add Sugar to Must Concentrate to get to Desired IG from Partial Full

If you're adding water to a must concentrate, your SG will change as you add the water. You can use this formula to accurately predict what the IG will be at the gallon mark.

1) Take just the decimal portion of your current SG (for 1.08, would be .08)
2) Multiply by the % your jug is filled to gallon mark (so if ¾, would be .75 x .08 = .06)
3) Add the whole # back in (ex: 1.06)

This is now your projected SG at full jug

Or, if you're not adding water to a concentrate, this part of the formula will still work for calculating the sugar you need to add to get from the current SG to the IG you'd like to have.

4) Subtract the projected SG from your desired IG (ex: 1.10 – 1.06 = .04)
5) Divide that result by .01 (ex: .04 / .01 = 4)
6) Multiply that result by 4 oz to get the oz of sugar to add per gallon (ex: 4 x 4 = 16 oz of sugar to add)

Crafty

YouTube.com/@CraftyWiners

Winers