

## OZONE vs. CHLORINE TABLE

N o.	Description	Ozone	Chlorine
1.	Disinfection efficiency.	Acts immediately and it is 2500 time stronger than Hypochlorite (OCI)	Takes 30-60 minutes to diffuse through the cell water.
2.	Residuals.	Leaves no toxic residual because its' lifetime is short and its' former structure is oxygen.	Leaves toxic residuals.
3.	Storage place & transportation	No need because it can be produced at site.	Needs storage place, labor for handling & transportation fee.
4.	Submerging time.	5-10 minutes each.	45 minute each.
5.	Water consumption	Water can be re-used at least 10 – times in the batch treatment.	Water must be changed for every 2 <sup>nd</sup> batch.
6.	Vegetable freshness.	Longer, because 100% of microorganisms are destroyed.	Shorter because some microorganisms are still alive.