

Online Extras

CO₂ – The Secret Ingredient for a Better Harvest

by Isabelle Lemay, agr. and Mélissa Léveillé
Maximum Yield – USA Edition, January 2010

MAXIMUM YIELD
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Different species' optimal CO₂ concentrations

SPECIES	Recommended CO ₂ concentration during daytime (ppm)
Tomato	1000
Cucumber	1200
Lettuce	1000 - 1500
Rose	1000 - 1200
Poinsettia	600 - 800

CO₂ concentrations effects on plants

Concentration (ppm)	Effects
200 and less	Avoid - photosynthesis and growth interruption
Near 400	Daytime minimal recommendation Nighttime recommended concentration
Between 700 & 1000	Average concentration recommended during daytime
1500 and more	Avoid - useless, non profitable and harmful to crops

