

Plant	Electrical Conductivity (EC) of Nutrient Solution (milliSiemens/cm)	pH	Nutrient Solution Temperature (°C)	Air Temperature (°C)	CO2 Concentration (Parts Per Million (PPM))
Lettuce	1.0 - 1.5 [12]	5.5 - 6.5 [13]	< 22 [14]	18 – 22 [12]	1000 – 1500 [12]
Lettuce (Adjusted for Bangladesh's Ecosystem)	1.0 - 1.2	5.5 - 6.5	< 22	18 - 22	1900 -2100

Table 3: Table for optimal growth parameter levels for Lettuce globally and adjusted for Bangladesh's Ecosystem

[12] H. A. Ahmed, T. Yu-Xin, and Y. Qi-Chang, "Optimal control of environmental conditions affecting lettuce plant growth in a controlled environment with artificial lighting: A review," South African Journal of Botany, vol. 130, pp. 75–89, 2020.

[13] D. P. Gillespie, C. Kubota, and S. A. Miller, "Effects of low ph of hydroponic nutrient solution on plant growth, nutrient uptake, and root rot disease incidence of basil (ocimum basilicum l.)," HortScience, vol. 55, no. 8, pp. 1251–1258, 2020.

[14] T. Asao, Hydroponics: A Standard Methodology for Plant Biological Researches. IntechOpen, 2012