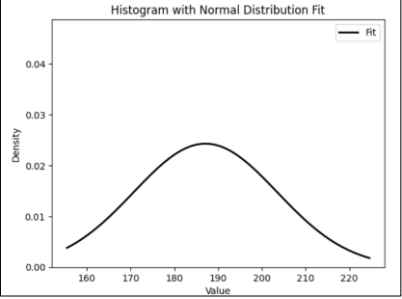
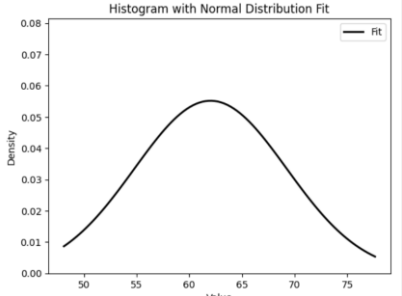


Potassium Silicate and Vinasse Enhance Biometric Characteristics of Perennial Sweet Pepper (*Capsicum annuum*) under Greenhouse Conditions

Mahmoud S. Rady, Ibrahim M. Ghoneim, Mostafa N. Feleafeh, and Shimaa M. Hassan

Shapiro-Wilk test for normality

Season	Variable	Alpha Value	p-value	Statistic value	H ₀ Hypothesis	Data distribution	
2018/2019	Plant fresh biomass	0.05	0.260	0.963	Fail to reject H ₀	Normal	
	Plant dry biomass	0.05	0.211	0.960	Fail to reject H ₀	Normal	

	Total leaf area per plant	0.05	0.268	0.963	Fail to reject H_0	Normal	
	Fruit weight	0.05	0.133	0.953	Fail to reject H_0	Normal	
	Total yield per m^2	0.05	0.216	0.960	Fail to reject H_0	Normal	
	Chlorophyll index	0.05	0.559	0.974	Fail to reject H_0	Normal	

	Leaves' N content	0.05	0.116	0.951	Fail to reject H_0	Normal	
	Leaves' K content	0.05	0.284	0.964	Fail to reject H_0	Normal	
	Fruits' TSS	0.05	0.188	0.958	Fail to reject H_0	Normal	
	Ascorbic acid content	0.05	0.152	0.955	Fail to reject H_0	Normal	

2019/2020	Plant Fresh Biomass	0.05	0.211	0.960	Fail to reject H_0	Normal	
	Plant Dry Biomass	0.05	0.250	0.962	Fail to reject H_0	Normal	
	Total leaf area per plant	0.05	0.185	0.958	Fail to reject H_0	Normal	
	Fruit weight	0.05	0.123	0.952	Fail to reject H_0	Normal	

	Total yield per m ²	0.05	0.210	0.960	Fail to reject H ₀	Normal	
	Chlorophyll index	0.05	0.088	0.948	Fail to reject H ₀	Normal	
	Leaves' N content	0.05	0.149	0.955	Fail to reject H ₀	Normal	
	Leaves' K content	0.05	0.152	0.955	Fail to reject H ₀	Normal	

	Fruits' TSS	0.05	0.247	0.962	Fail to reject H_0	Normal	
	Ascorbic acid content	0.05	0.072	0.945	Fail to reject H_0	Normal	