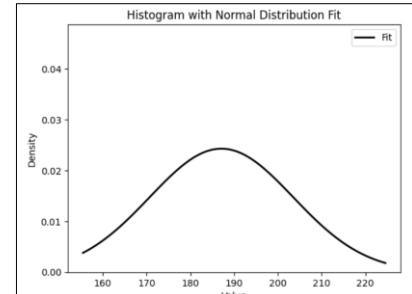
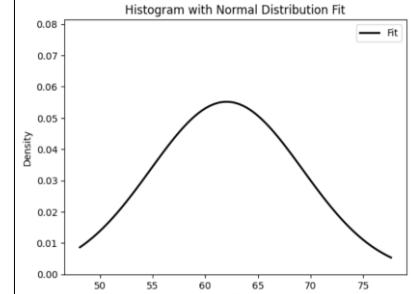
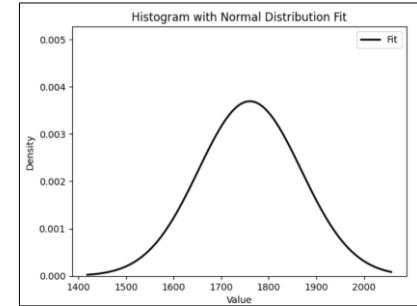
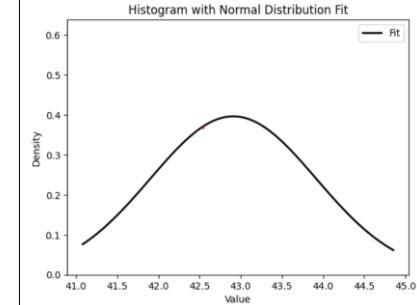
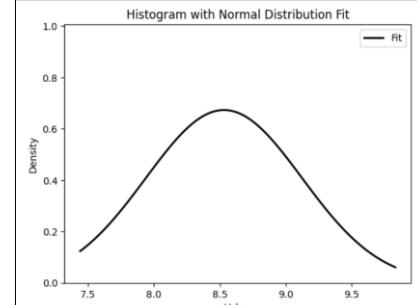
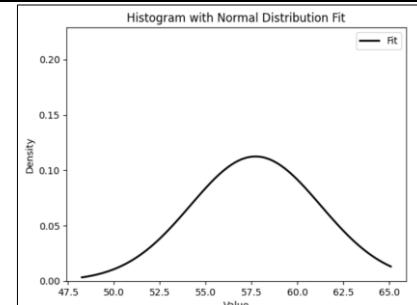


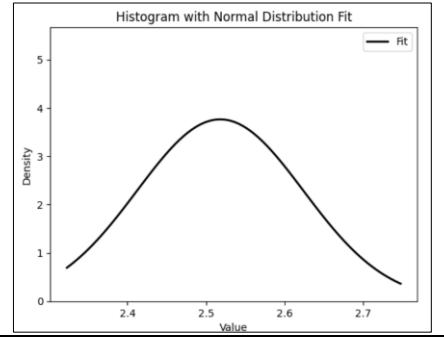
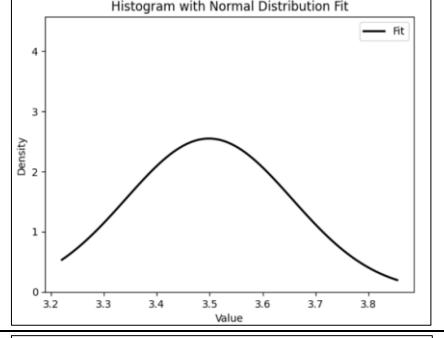
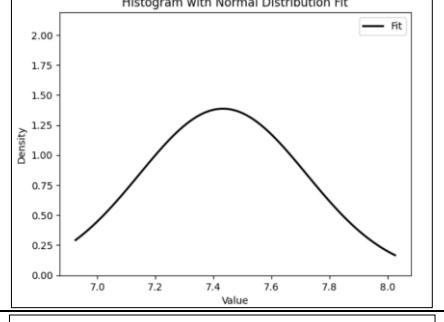
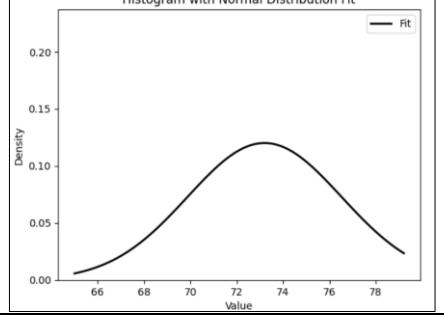
# Potassium Silicate and Vinasse Enhance Biometric Characteristics of Perennial Sweet Pepper (*Capsicum annuum*) under Greenhouse Conditions

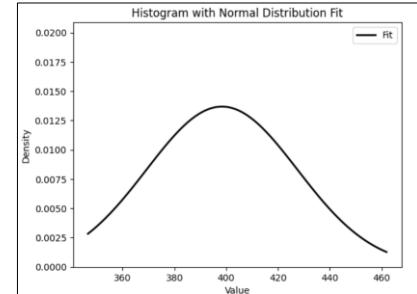
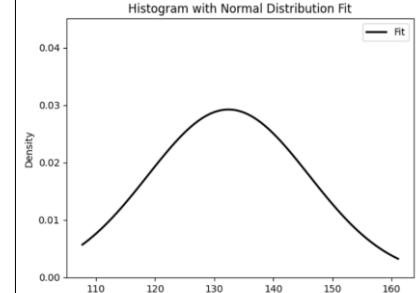
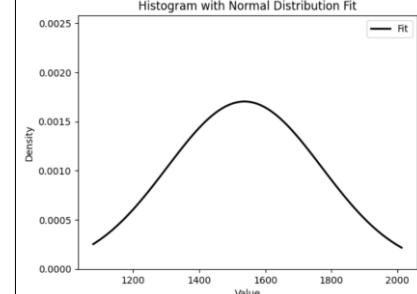
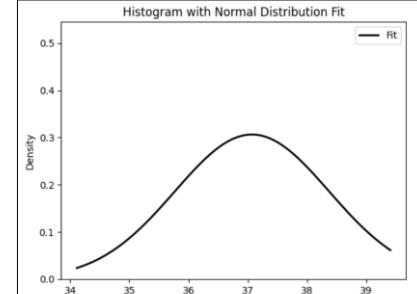
Mahmoud S. Rady, Ibrahim M. Ghoneim, Mostafa N. Feleafel, and Shima M. Hassan

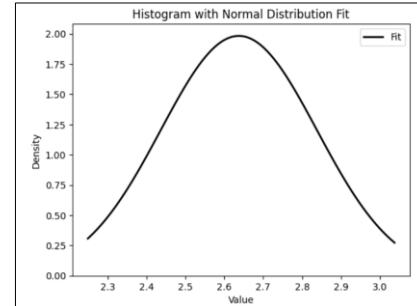
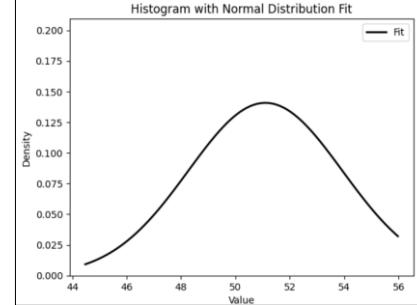
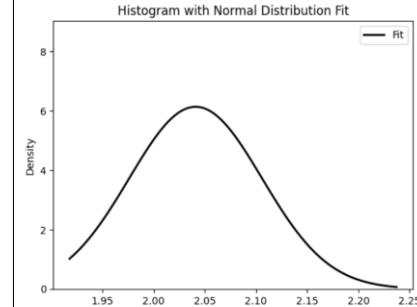
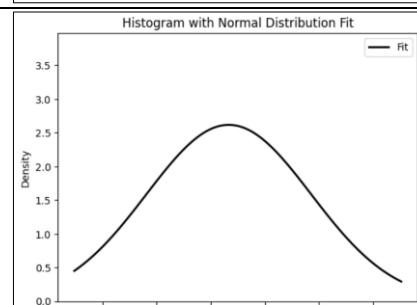
Shapiro-Wilk test for normality

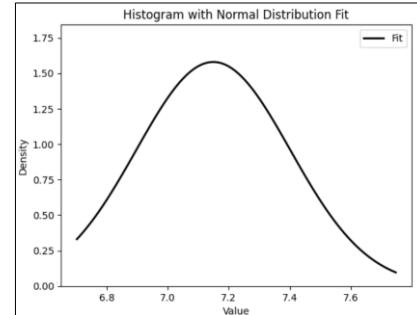
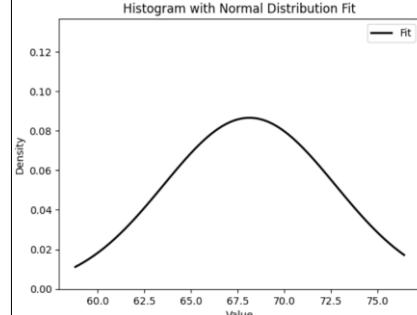
Season	Variable	Alpha Value	p-value	Statistic value	$H_0$ Hypothesis	Data distribution	
2018/2019	Plant fresh biomass	0.05	0.260	0.963	Fail to reject $H_0$	Normal	
	Plant dry biomass	0.05	0.211	0.960	Fail to reject $H_0$	Normal	

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 <sup>2</sup>	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	

	Plant Fresh Biomass	0.05	0.211	0.960	Fail to reject $H_0$	Normal	 A histogram showing the distribution of plant fresh biomass. The x-axis is labeled 'Value' and ranges from 360 to 460. The y-axis is labeled 'Density' and ranges from 0.0000 to 0.0200. A normal distribution curve is overlaid on the histogram, peaking at approximately 400.
2019/2020	Plant Dry Biomass	0.05	0.250	0.962	Fail to reject $H_0$	Normal	 A histogram showing the distribution of plant dry biomass. The x-axis is labeled 'Value' and ranges from 110 to 160. The y-axis is labeled 'Density' and ranges from 0.00 to 0.04. A normal distribution curve is overlaid on the histogram, peaking at approximately 130.
	Total leaf area per plant	0.05	0.185	0.958	Fail to reject $H_0$	Normal	 A histogram showing the distribution of total leaf area per plant. The x-axis is labeled 'Value' and ranges from 1200 to 2000. The y-axis is labeled 'Density' and ranges from 0.0000 to 0.0025. A normal distribution curve is overlaid on the histogram, peaking at approximately 1600.
	Fruit weight	0.05	0.123	0.952	Fail to reject $H_0$	Normal	 A histogram showing the distribution of fruit weight. The x-axis is labeled 'Value' and ranges from 34 to 39. The y-axis is labeled 'Density' and ranges from 0.0 to 0.5. A normal distribution curve is overlaid on the histogram, peaking at approximately 37.

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

	Fruits' TSS	0.05	0.247	0.962	Fail to reject $H_0$	Normal	 A histogram showing the distribution of Fruits' TSS. The x-axis is labeled 'Value' and ranges from 6.8 to 7.6. The y-axis is labeled 'Density' and ranges from 0.00 to 1.75. A normal distribution curve is overlaid on the histogram, peaking at approximately 7.2.
	Ascorbic acid content	0.05	0.072	0.945	Fail to reject $H_0$	Normal	 A histogram showing the distribution of Ascorbic acid content. The x-axis is labeled 'Value' and ranges from 60.0 to 75.0. The y-axis is labeled 'Density' and ranges from 0.00 to 0.12. A normal distribution curve is overlaid on the histogram, peaking at approximately 68.5.