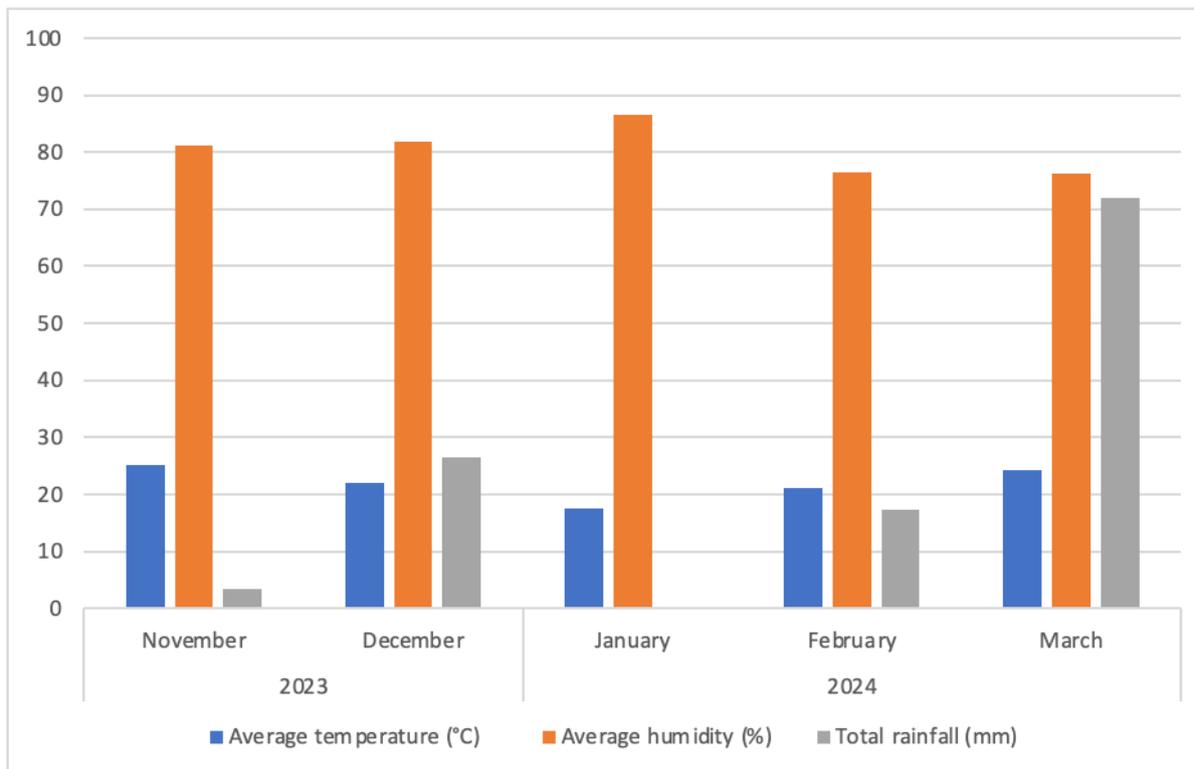


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 2 Phenotypic characterisation and genetic dissection of the yield-attributing traits of exotic quinoa  
 3 (*Chenopodium quinoa* L.) germplasm. Plant Science Today (Early Access).  
 4 <https://doi.org/10.14719/pst.12062>  
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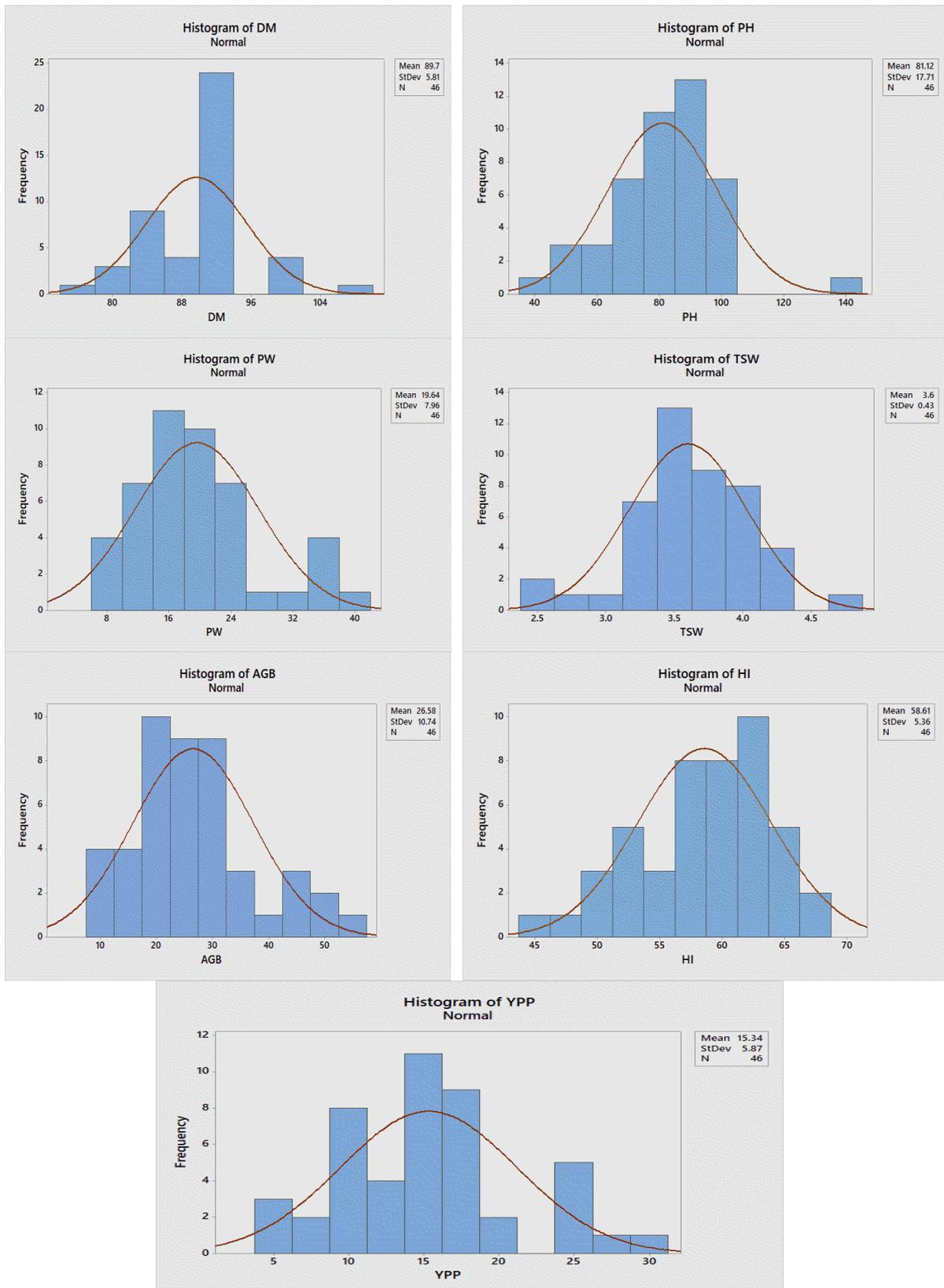
8 **Supplementary Table 1.** Confidence intervals (95 %) of genetic parameters for 7 quantitative traits of quinoa

Traits	Genotypic variance (95 % CI)	Phenotypic variance (95 % CI)	H <sup>2</sup> (95 % CI)	GA (95 % CI)	GA % (95 % CI)
<b>DM</b>	20.35 – 57.17	21.71 – 58.53	0.94 – 0.98	9.00 – 15.39	10.03 – 17.16
<b>PH</b>	185.69 – 525.87	205.20 – 545.38	0.90 – 0.96	26.70 – 46.39	32.92 – 57.18
<b>PW</b>	37.18 – 106.03	42.34 – 111.19	0.88 – 0.95	11.77 – 20.71	59.92 – 105.44
<b>TSW</b>	0.11 – 0.31	0.13 – 0.33	0.86 – 0.95	0.63 – 1.12	17.35 – 30.83
<b>AGB</b>	67.22 – 192.56	78.01 – 203.36	0.86 – 0.95	15.68 – 27.82	58.99 – 104.67
<b>HI</b>	12.99 – 42.63	24.25 – 53.89	0.54 – 0.79	5.43 – 11.96	9.29 – 20.46
<b>YPP</b>	20.17 – 57.70	23.29 – 60.82	0.87 – 0.95	8.61 – 15.24	56.18 – 99.46

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 10 Notes: Here, DM = Days to maturity (days), PH = Plant height (cm), PW = Panicle weight (g), TSW = Thousand  
 11 seed weight (g), AGB = Above ground biomass (g), HI = Harvest index (%), YPP = Yield per plant (g), H<sup>2</sup>b = 10  
 12 Heritability in broad sense, GA = Genetic advance, GA% = Genetic advance as percentage of mean.  
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**Supplementary Fig. 1.** Chart showing average temperature, average humidity and total rainfall of the months during the experiment at BAU, Mymensingh. (Source: BAU Weather Report) (54)



**Supplementary Fig. 2.** Histogram plots showing the distribution of seven quantitative traits measured in quinoa genotypes. The approximate bell-shaped curves suggest a normal distribution for each trait

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