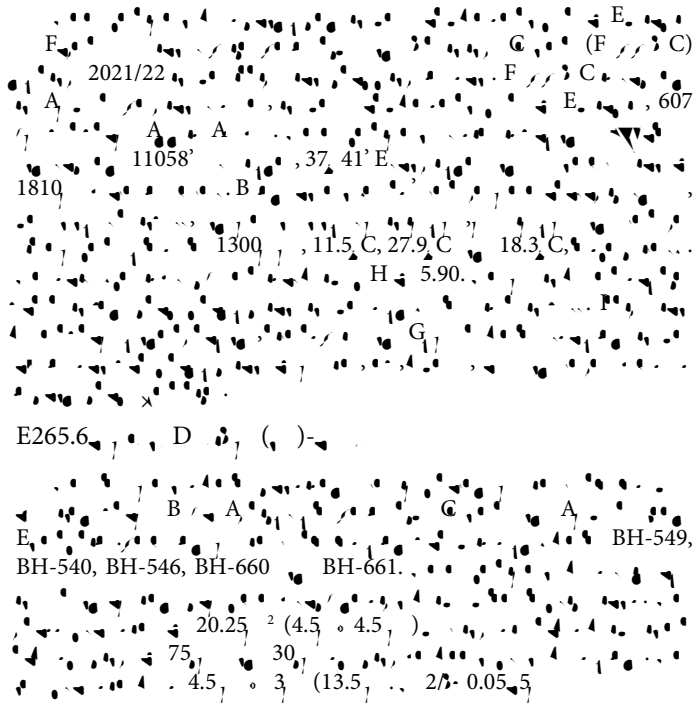


straw yield, 1000 kernel weight and grain yield. Significant differences were obtained between the varieties on days to maturity, plant height, cob width, cob weight, number of grains per cob and grain yield. The correlation coefficient analysis showed a significant and very strong positive association of grain yield with cob diameter ( $r=0.90^*$ ). Cob diameter also had highly significant and very strongly positive association ( $r=0.98^{**}$ ) with cob weight. The maximum cob length (20.47cm), cob width (5.447cm), cob weight (350.4g) and 1000 kernel weight (410.3g) were recorded



(2016) I, C  
 ( )

A, (BH549), (2016) 20.43 (BH660) 21.27

E, 13.9, 12.2, I, C, (2022) 24.90 29.63

( )

A, (1), BH549 5.447, BH546 (4.88, ) (2), BH661 (4.60, ) BH660 (4.76, ) 4.90, (2), I, (2016) 4.2 4.4, 4.2

( )

A, (1), BH549 350.4, BH546 (300.5, ) (2), BH661 (264.6, ) BH540 (289.4, ) 18, K, (2022) 92 152, (<0.01)

( )

A, (1), BH549 617.2, BH661 (594.7) (2), BH660 (531.9). K, (2022) 329.4 441.8,

( )

360.3, (BH661) 416.3, (BH660) 383.92, K, (2022)-

223.1 277.5, (2016) 1000, A H851 (405.00, ) BH660 (295, )

( )

A, (1), BH549 6083, -1 BH546 (4721, -1) BH540 (4464, -1) (2) 18, (4179, -1) 45.56% 12.97% (3), BH660 (3101, -1) BH661 (3454, -1). A, 14.34, -1(BH549) 18.94 -1(BH661) (1 4).

20, (2022)- 1509, ( -1 ) 3284, ( -6 ). F, (2017)

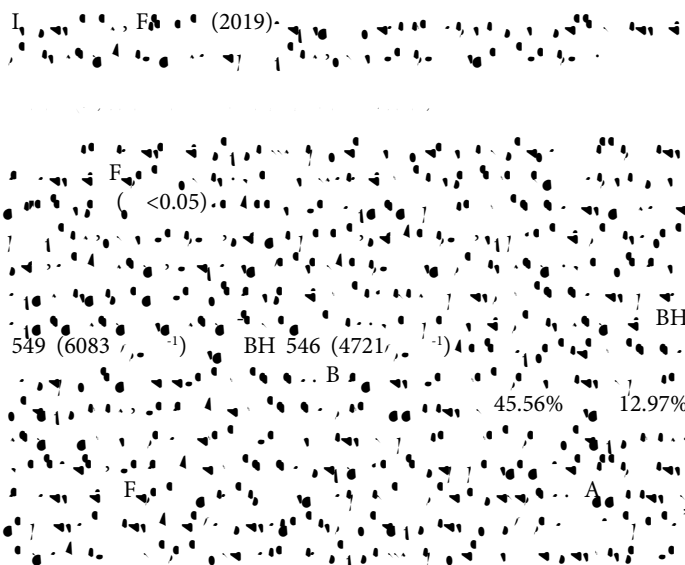
F, E, H, D,

A,

C, (5), F, BH660 BH661 5 8,

Grain yield mean comparison.

		2.85	6.82%
		5.42	12.97%
		19.04	45.56%
		-ve	
		-ve	
Variety BH-549 had also showed the highest grain yield of 6083kg/ha followed by BH-546(4721kg/ha) and BH-540(4464kg/ha)			

3. Abebe S (2019) Promotion of Highland Maize Varieties to the Selected Districts' of Arsi Zone Oromia, Ethiopia. Developing Country Studies 9: 4.
4. Mekureyaw MF (2016) Identification and Characterization of Maize Chlorotic Mottle Virus and Sugarcane Mosaic Virus Associated with Maize Lethal