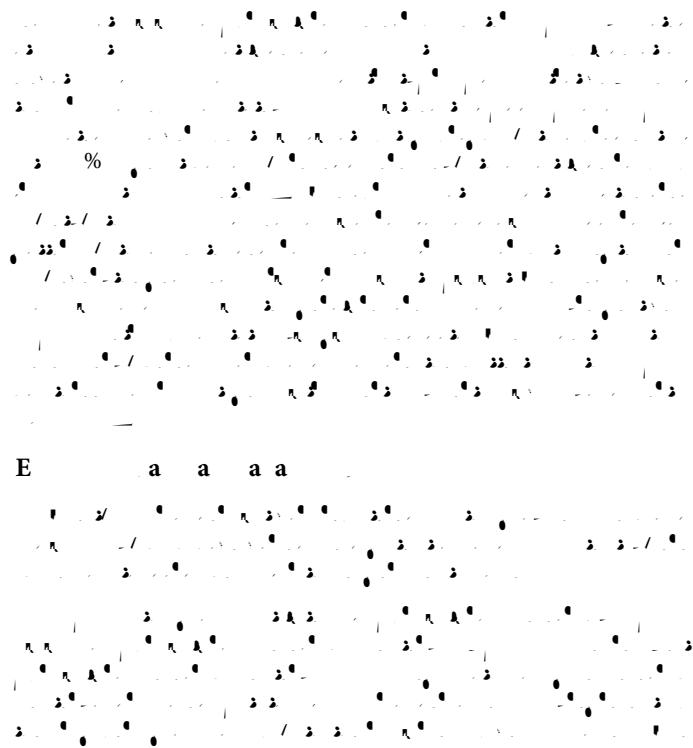




umbel<sup>-1</sup>, and the seed yield plant<sup>-1</sup> all had a positive and direct effect on the seed yield ha<sup>-1</sup>. The first two PCs contributed 62.6% of the total phenotypic variation, and the accessions were grouped into six clusters. The highest inter-cluster distances were observed between VI and III ( $D^2=159.21$ ), IV and III ( $D^2=155.84$ ), and VI and I ( $D^2=113.26$ ) clusters. Crossing between accessions included in those clusters could produce highly heterotic responses and segregants. In general, this study demonstrated significant phenotypic diversity among the tested accessions and could be used in improvement programs to develop desirable coriander varieties.



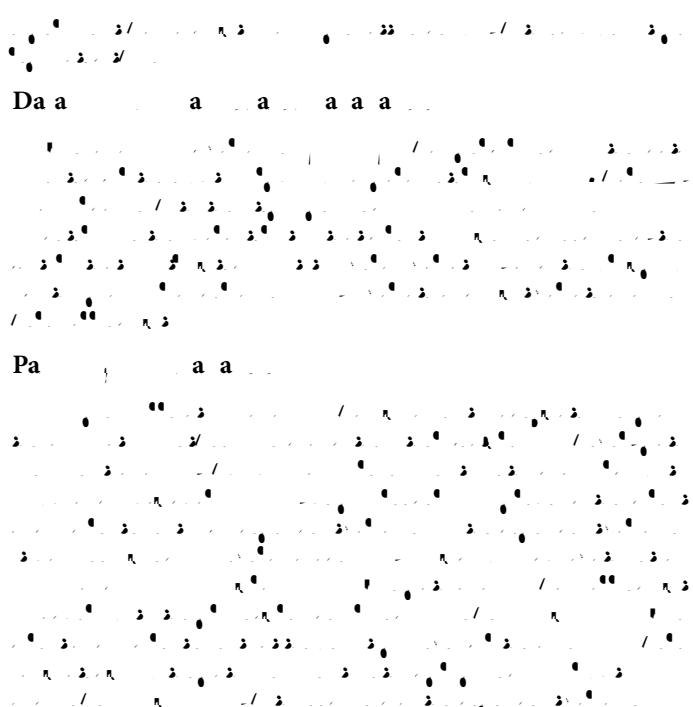
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| Accession No. | Accession Name | P1 | P2 | P3 | P4 | P5 | P6 | P7 | P8 | P9 | P10 | P11 | P12 | P13 | P14 | P15 | P16 | P17 | P18 | P19 | P20 | P21 | P22 | P23 | P24 | P25 | P26 | P27 | P28 | P29 | P30 | P31 | P32 | P33 | P34 | P35 | P36 | P37 | P38 | P39 | P40 | P41 | P42 | P43 | P44 | P45 | P46 | P47 | P48 | P49 | P50 | P51 | P52 | P53 | P54 | P55 | P56 | P57 | P58 | P59 | P60 | P61 | P62 | P63 | P64 | P65 | P66 | P67 | P68 | P69 | P70 | P71 | P72 | P73 | P74 | P75 | P76 | P77 | P78 | P79 | P80 | P81 | P82 | P83 | P84 | P85 | P86 | P87 | P88 | P89 | P90 | P91 | P92 | P93 | P94 | P95 | P96 | P97 | P98 | P99 | P100 | P101 | P102 | P103 | P104 | P105 | P106 | P107 | P108 | P109 | P110 | P111 | P112 | P113 | P114 | P115 | P116 | P117 | P118 | P119 | P120 | P121 | P122 | P123 | P124 | P125 | P126 | P127 | P128 | P129 | P130 | P131 | P132 | P133 | P134 | P135 | P136 | P137 | P138 | P139 | P140 | P141 | P142 | P143 | P144 | P145 | P146 | P147 | P148 | P149 | P150 | P151 | P152 | P153 | 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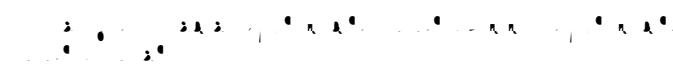
**Citation:** Tilahun GW, Limeneh DF, Galalcha DT, Mengistu FG(2023) Assessment of Phenotypic Diversity among Ethiopian Coriander Accessions (*Coriandrum sativum*) at Kulumsa, Southeastern Ethiopia

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