TABLES AND APPENDICES

Table 1. ANOVA for sixteen quantitative characters in a 15-variety P.D.C. of barley.

Table 2. Mean, range, and components of variance for sixteen traits in a 15-variety P.D.C. of barley.

Table 3. ANOVA for combining ability variances for sixteen traits in a 15-variety P.D.C. of barley.

Table 4. General combining ability of parents for sixteen traits in a 15-variety P.D.C. of barley.

Table 5. Best general combiners in F1 and F2 populations in respect of sixteen traits in a 15-variety P.D.C. of barley.

Table 6. Heterosis in F1 and inbreeding depression in F2 for plant height and grain development period, of 15-variety P.D.C. in barley.

Table 7. Heterosis in F1 and inbreeding depression in F2 for awn length and ear length, of 15-variety P.D.C. in barley.

Table 8. Heterosis in F1 and inbreeding depression in F2 for area of flag leaf and ears per plant, of 15-variety P.D.C. in barley.

Table 9. Heterosis in F1 and inbreeding depression in F2 for grains per spike and grains per plant, of 15-variety P.D.C. in barley.

Table 10. Heterosis in F1 and inbreeding depression in F2 for 1000-grain weight and grain yield per spike, of 15-variety P.D.C. in barley.

Table 11. Heterosis in F1 and inbreeding depression in F2 for grain yield per plant and protein content, of 15-variety P.D.C. in barley.

Table 12. Heritability in narrow sense and genetic advance for 16 characters of a 15-variety P.D.C. of barley.

Appendix-1. Mean performance of 15 parents in respect of 16 quantitative characters in barley.


Appendix-4. Mean of parents, F1 hybrids and F2 populations in respect of 16 characters in a 15-variety P.D.C. in barley.