

A P P E N D I X - II

Values of D^2 arranged according to increased order of different varieties of American cotton (G. hirsutum L.) - rabi sown.

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-------|------------|------------|-------------|------------|------------|------------|------------|
| Order | Varieties | Varieties | Varieties | Varieties | Varieties | Varieties | Varieties |
| 1 | 8.101(9) | 25.179(1) | 20.801(1) | 1.040(14) | 11.983(4) | 8.505(10) | 5.778(13) |
| 2 | 8.395(4) | 37.299(4) | 32.143(10) | 1.260(9) | 14.400(14) | 13.425(1) | 7.571(10) |
| 3 | 9.173(14) | 42.975(6) | 33.109(14) | 6.604(11) | 16.900(9) | 20.966(12) | 7.936(12) |
| 4 | 13.283(12) | 45.584(14) | 39.990(12) | 8.395(1) | 22.845(11) | 26.225(13) | 15.538(11) |
| 5 | 13.425(6) | 50.863(9) | 45.433(11) | 11.983(5) | 31.809(1) | 28.663(9) | 24.117(9) |
| 6 | 16.526(10) | 58.787(5) | 45.658(13) | 12.804(12) | 39.375(12) | 32.924(4) | 25.343(8) |
| 7 | 17.115(11) | 73.580(12) | 87.523(5) | 15.094(13) | 39.541(13) | 34.124(7) | 32.924(4) |
| 8 | 19.884(13) | 73.850(10) | 106.160(6) | 26.024(10) | 57.159(8) | 34.954(14) | 33.453(14) |
| 9 | 20.801(3) | 75.389(11) | 109.511(9) | 32.924(6) | 58.787(2) | 35.388(11) | 34.124(7) |
| 10 | 25.179(2) | 85.134(13) | 110.991(11) | 32.924(7) | 59.976(10) | 42.975(2) | 34.124(6) |
| 11 | 31.809(5) | 115.116(7) | 127.794(7) | 37.299(2) | 64.511(6) | 64.511(5) | 35.819(1) |
| 12 | 35.819(7) | 162.648(3) | 137.489(8) | 42.950(8) | 71.380(7) | 92.116(8) | 71.380(5) |
| 13 | 70.589(8) | 166.248(8) | 162.648(2) | 110.991(3) | 87.525(3) | 106.160(3) | 127.794(3) |
| Order | Varieties | Varieties | Varieties | Varieties | Varieties | Varieties | Varieties |
| 1 | 19.500(11) | 1.260(4) | 5.103(12) | 2.776(9) | 1.029(13) | 1.030(12) | 1.039(4) |
| 2 | 20.292(13) | 1.582(14) | 7.371(13) | 3.777(13) | 4.650(11) | 3.777(11) | 1.582(9) |
| 3 | 25.343(7) | 2.776(11) | 7.371(7) | 4.650(12) | 5.103(10) | 5.778(7) | 6.313(11) |
| 4 | 28.098(12) | 6.657(12) | 8.505(6) | 6.313(14) | 6.657(9) | 7.372(10) | 9.173(1) |
| 5 | 34.591(8) | 8.101(1) | 16.205(11) | 6.604(4) | 7.935(7) | 8.328(9) | 10.583(12) |
| 6 | 39.050(14) | 8.328(13) | 16.526(7) | 15.538(7) | 10.583(14) | 13.310(14) | 13.210(13) |
| 7 | 42.950(4) | 16.900(5) | 17.495(9) | 16.205(10) | 12.804(4) | 15.093(4) | 14.400(5) |
| 8 | 48.485(10) | 17.495(10) | 26.025(4) | 17.115(1) | 13.283(1) | 19.884(1) | 32.407(10) |
| 9 | 57.158(5) | 24.117(7) | 32.143(3) | 19.500(8) | 20.966(6) | 20.293(8) | 33.453(7) |
| 10 | 70.589(1) | 28.663(6) | 32.470(14) | 22.845(5) | 28.098(8) | 26.225(6) | 34.954(6) |
| 11 | 92.116(6) | 34.591(8) | 48.485(8) | 35.388(6) | 39.375(5) | 39.541(5) | 33.109(3) |
| 12 | 137.489(3) | 50.863(2) | 59.976(5) | 45.433(6) | 39.990(3) | 47.658(3) | 39.049(8) |
| 13 | 166.348(2) | 109.511(3) | 73.850(2) | 75.389(2) | 73.580(2) | 85.134(2) | 45.584(2) |