

DEPARTMENT OF AGRICULTURE,

Ref No. *D147/57/38*

P. O. Box 159,

ZANZIBAR

EAST AFRICA

2nd February, 1938.

Dear Mr. Cochran,

Very many thanks for your letter of January 4th. I must apologise for the delay in answering, but we have just finished off a record clove crop.

2. In reply to the points you raise I have to reply as follows:-

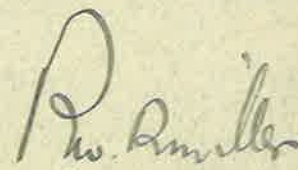
- (a) the data presented represent the only known yields of individual clove trees conducted for more than one year.
- (b) the yields for five years for the individual trees are attached. Blank spaces in the plan sent with my original letter represent trees which have died during the course of the experiment and any individual yields from these trees in the first years of the experiment should be neglected.

3. From the attached individual tree yields you will appreciate the remark in para 2 of my original letter. It may be said that normally the production seems to have a five year cycle which includes one bumper, two average and two poor crops.

Trusting you have now all the information you require,

I am,

Yours sincerely,



DIRECTOR OF AGRICULTURE.

W. G. Cochran, Esq.,
Statistical Department,
Rothamsted Experimental Station,
Harpenden, Herts, England.
RWRM/LP.

Yields in lbs. per tree of Green Cloves for the
five seasons 1933-34 to 1937-38.

Plot K.B.C. Kizimbani.

| No. of Tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|--------------|---------|---------|---------|---------|----------|
| 1. | 84.5 | 72.6 | - | - | 76.0 |
| 2. | 83.5 | 43.0 | - | - | 90.75 |
| 3. | 29.5 | 65.4 | - | - | - |
| 4. | 44.5 | 75.2 | - | - | - |
| 5. | 50.5 | 55.0 | 24.0 | - | 91.0 |
| 6. | 6.0 | - | - | - | - |
| 7. | 73.5 | - | - | - | - |
| 8. | 59.5 | 68.5 | - | - | - |
| 9. | 48.0 | 9.0 | - | - | - |
| 10. | 28.5 | 82.5 | - | - | - |
| 11. | 21.0 | 60.4 | - | - | - |
| 12. | 46.5 | 122.4 | - | - | - |
| 13. | 25.5 | 19.3 | - | - | - |
| 14. | 32.5 | 64.2 | - | 21.0 | 171.25 |
| 15. | 61.5 | 48.0 | 15.0 | 20.0 | 68.75 |
| 16. | - | 56.5 | - | - | 114.5 |
| 17. | 28.0 | 114.2 | - | - | - |
| 18. | 81.75 | 84.0 | - | - | - |
| 19. | 23.5 | 15.5 | - | - | - |
| 20. | 11.5 | 12.0 | - | 1.0 | 53.0 |
| 21. | 49.75 | 24.0 | 1.0 | 6.0 | 68.50 |
| 22. | 11.0 | 14.5 | - | - | 111.25 |
| 23. | 48.5 | 6.0 | - | - | - |
| 24. | 32.0 | 49.0 | - | - | - |
| 25. | 36.5 | 52.3 | - | 10.5 | 89.0 |
| 26. | 88.0 | 111.0 | - | - | 154.0 |
| 27. | 58.5 | 16.1 | - | - | 74.5 |
| 28. | 40.0 | 9.0 | - | - | - |
| 29. | 45.5 | 70.0 | - | - | - |
| 30. | 33.5 | 25.7 | - | - | - |

| of free. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|-------------|---------|----------------------------|---------|---------|----------|
| 31. | 88.0 | 88.5 | - | 18.0 | 122.0 |
| 32. | 15.0 | 19.4 | - | - | 106.25 |
| 33. | 29.0 | 30.7 | - | - | 121.0 |
| 34. | - | 31.0 | - | - | 172.25 |
| 35. | - | - | - | - | 80.0 |
| 36. | 45.0 | 24.5 | - | - | 77.25 |
| 37. | 20.0 | 51.1 | - | - | 77.0 |
| 38. | 70.0 | 65.0 | - | - | - |
| 39. | - | 53.0 | - | 7.0 | - |
| 40. | - | 12.0 | - | - | - |
| 41. | - | 19.7 | - | 1.0 | 79.75 |
| 42. | 9.0 | 100.2 | - | 3.0 | 66.5 |
| 43. | 11.0 | 49.0 | - | - | 36.5 |
| 44. | 67.0 | 44.0 | - | - | 29.5 |
| 45. | 33.5 | 18.0 | - | - | 51.75 |
| 46. | 9.0 | 46.9 | - | - | 6.0 |
| 47. | 5.0 | 72.4 | - | - | 41.25 |
| 48. | 16.0 | 51.8 | - | - | 41.0 |
| 49. | 32.5 | 28.2 | - | - | - |
| 50. | - | - | - | - | 170.0 |
| 51. | - | - | - | - | 56.75 |
| 52. | 10.5 | 75.0 | - | - | 92.5 |
| 53. | 16.0 | 88.9 | - | - | 206.25 |
| 54. | 21.0 | 26.9 | - | - | 65.5 |
| 55. | 35.5 | 60.5 | - | - | 71.0 |
| 56. | 79.0 | 13.0 | - | - | 110.5 |
| 57. | - | - | - | - | 85.5 |
| 58. | 28.0 | 73.0 | - | - | 113.5 |
| 59. | 9.0 | 58.5 | - | - | 111.5 |
| 60. | 59.0 | 34.5 <i>nil</i> | 34.5 | 15.0 | 87.25 |
| 61. | 43.0 | 66.5 | - | - | 93.25 |
| 62. | - | 19.3 | - | - | 99.0 |

| of tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38 | |
|-------------|---------|---------|---------|---------|---------|---|
| 63. | 17.5 | 78.0 | - | - | 66.5 | |
| 64. | 7.0 | - | - | - | 59.25 | ✓ |
| 65. | 78.25 | 101.7 | - | - | 172.25 | ✓ |
| 66. | 65.5 | 4.0 | - | 2.0 | 77.25 | ✓ |
| 67. | 32.5 | 30.6 | - | 6.0 | 77.0 | ✓ |
| 68. | 36.5 | 40.0 | - | - | 68.5 | ✓ |
| 69. | 32.0 | 69.0 | - | - | 139.0 | ✓ |
| 70. | 18.5 | 53.5 | - | - | 138.5 | |
| 71. | 16.0 | 56.5 | - | - | 139.75 | |
| 72. | 45.0 | 77.7 | - | - | 79.75 | |
| 73. | 39.5 | - | - | - | 36.5 | ✓ |
| 74. | 44.5 | 42.0 | - | 24.0 | 51.75 | ✓ |
| 75. | - | - | - | - | 6.0 | ✓ |
| 76. | 5.0 | 26.0 | - | - | 41.25 | ✓ |
| 77. | - | 15.0 | - | - | 41.0 | ✓ |
| 78. | 8.0 | 137.5 | - | - | 178.0 | ✓ |
| 79. | 7.0 | 26.75 | - | - | 56.75 | |
| 80. | 51.0 | 83.9 | - | - | 206.25 | |
| 81. | 30.0 | 36.0 | - | - | 71.0 | |
| 82. | 13.0 | 21.6 | - | - | 110.5 | |
| 83. | 25.0 | 74.9 | - | - | 85.5 | |
| 84. | 12.0 | 56.2 | - | - | 111.5 | |
| 85. | 18.5 | 79.0 | - | - | 93.25 | |
| 86. | 19.0 | 71.7 | - | - | 72.0 | |
| 87. | 9.0 | 51.1 | - | - | 130.5 | |
| 88. | 9.0 | 35.1 | - | - | 83.0 | |
| 89. | 55.5 | 113.8 | - | - | 118.75 | |
| 90. | 9.0 | 21.3 | - | - | 94.5 | |
| 91. | 32.0 | 27.6 | - | - | 70.5 | |
| 92. | 13.0 | 16.5 | - | - | 80.0 | |
| 93. | 11.0 | 7.0 | - | - | 151.25 | |
| 94. | 20.0 | 22.7 | - | - | - | |

| No. of Tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|--------------|---------|---------|---------|---------|----------|
| 95. | 62.0 | 14.5 | - | - | 50.5 |
| 96. | 63.5 | 32.0 | 17.0 | - | 69.75 |
| 97. | 54.5 | 17.5 | 45.0 | 45.0 | 71.5 |
| 98. | 42.5 | 3.8 | - | 35.0 | 49.25 |
| 99. | 79.0 | 13.1 | - | 5.0 | 106.0 |
| 100. | 93.5 | 81.1 | - | 20.0 | 221.0 |
| 101. | 59.5 | 15.0 | 17.0 | 13.0 | 103.75 |
| 102. | 76.5 | 57.2 | 10.0 | 17.0 | 138.5 |
| 103. | 89.0 | 17.7 | - | 5.0 | 139.75 |
| 104. | 75.25 | 48.8 | - | - | 106.25 |
| 105. | 30.5 | 82.7 | - | - | 105.5 |
| 106. | 104.0 | 136.3 | - | - | 104.5 |
| 107. | 44.0 | 22.5 | 10.5 | - | 162.25 |
| 108. | 24.0 | 6.0 | - | 5.0 | 165.0 |
| 109. | 89.0 | 25.0 | 5.5 | 35.0 | 97.5 |
| 110. | 48.0 | 25.3 | - | 15.0 | 40.0 |
| 111. | 63.0 | 58.7 | - | - | 71.5 |
| 112. | 24.0 | 26.0 | - | 5.0 | 57.25 |
| 113. | 100.5 | 15.3 | - | - | 75.0 |
| 114. | 97.0 | 77.0 | - | - | 115.25 |
| 115. | 75.5 | 80.5 | - | - | 105.5 |
| 116. | 58.0 | 60.3 | - | 5.0 | 75.75 |
| 117. | 55.0 | 15.0 | - | - | 85.25 |
| 118. | 57.5 | 58.0 | - | 33.0 | 132.0 |
| 119. | 85.75 | 79.0 | 20.0 | 67.0 | 77.0 |
| 120. | 60.5 | 41.5 | - | - | 117.25 |
| 121. | 86.5 | 40.0 | 13.5 | 27.5 | 132.0 |
| 122. | 77.5 | 62.6 | 7.5 | 34.0 | 124.5 |
| 123. | 40.5 | 42.2 | - | 9.0 | 117.0 |
| 124. | 66.5 | 81.4 | - | - | 128.75 |
| 125. | 6.5 | 20.0 | - | - | 128.0 |

| of tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|-------------|---------|---------|---------|---------|----------|
| 126. | 20.5 | 45.0 | - | - | 0.5 |
| 127. | 37.5 | 12.1 | - | - | 83.0 |
| 128. | 74.5 | 17.5 | 45.0 | 40.0 | 50.0 |
| 129. | 39.0 | 24.5 | - | 39.0 | 93.5 |
| 130. | 45.0 | 104.4 | - | 6.0 | 88.5 |
| 131. | 5.5 | 30.5 | - | - | 33.0 |
| 132. | 75.0 | 18.0 | 17.0 | - | 86.25 |
| 133. | 34.0 | 3.0 | 10.0 | - | 68.5 |
| 134. | 77.0 | 135.0 | - | - | 88.75 |
| 135. | 30.0 | 56.0 | - | - | 68.5 |
| 136. | 52.5 | 57.0 | - | - | 82.5 |
| 137. | 57.0 | 22.4 | - | - | 104.5 |
| 138. | 24.5 | 25.6 | 10.5 | - | 55.75 |
| 139. | 86.5 | 45.7 | - | 2.0 | 169.0 |
| 140. | 52.0 | 20.0 | 8.5 | 31.0 | 51.0 |
| 141. | 14.0 | 41.0 | - | 14.0 | 113.5 |
| 142. | 28.0 | 62.0 | - | - | 69.75 |
| 143. | 27.0 | 35.7 | - | - | 66.5 |
| 144. | 12.5 | 9.0 | - | - | 73.0 |
| 145. | 42.0 | 110.0 | - | - | 112.25 |
| 146. | 54.0 | 40.0 | - | - | 109.5 |
| 147. | 58.5 | 55.1 | - | 1.0 | 79.75 |
| 148. | 23.0 | 13.0 | - | - | 80.25 |
| 149. | 13.0 | 36.0 | - | - | 55.0 |
| 150. | 19.5 | 2.0 | - | - | 46.0 |
| 151. | 20.0 | 3.5 | - | - | 44.0 |
| 152. | 37.5 | 69.0 | - | - | 97.0 |
| 153. | 35.0 | 35.5 | - | 8.0 | 78.0 |
| 154. | 12.0 | 21.0 | - | - | 42.25 |
| 155. | - | 66.6 | - | - | 87.0 |
| 156. | - | 26.0 | - | - | 66.6 |

| of ree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|------------|---------|---------|---------|---------|----------|
| | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
| 157. | 84.5 | 19.4 | - | 37.5 | 58.75 |
| 158. | 22.5 | 72.4 | - | - | 0.5 |
| 159. | 48.5 | 21.7 | - | - | 164.0 |
| 160. ✓ | 28.0 | 64.7 | - | - | 53.075 |
| 161. ✓ | - | 6.0 | - | 5.0 | 30.755 |
| 162. | 62.0 | 35.5 | - | - | 71.75 |
| 163. | 11.0 | 36.3 | - | - | 76.55 |
| 164. | 3.0 | 55.2 | - | - | 50.00 |
| 165. | 82.5 | 125.0 | - | - | 72.75 |
| 166. | 50.5 | 209.5 | - | - | 95.525 |
| 167. | - | - | - | - | 185.5 |
| 168. | - | - | - | - | - |
| 169. | - | 49.3 | - | - | - |
| 170. | 17.0 | 26.0 | - | 1.0 | 64.0 |
| 171. | 12.0 | 120.0 | - | - | 43.0 |
| 172. | 54.25 | 85.9 | - | 2.5 | 76.5 |
| 173. | 14.5 | 86.1 | - | - | 95.0 |
| 174. | 32.5 | 87.9 | - | - | 174.0225 |
| 175. | 62.5 | 11.9 | - | - | 82.75 |
| 176. | 28.0 | 73.4 | - | - | 93.75 |
| 177. | 65.0 | 65.0 | - | - | 98.5 |
| 178. | - | 48.1 | - | - | 128.5 |
| 179. | 9.5 | 49.4 | - | - | 55.0 |
| 180. | 54.5 | 154.8 | - | - | 51.5 |
| 181. | 33.0 | 58.5 | - | - | 180.75 |
| 182. | - | 68.8 | - | - | 102.0 |
| 183. | 19.5 | 91.6 | - | - | 110.0 |
| 184. ✓ | 16.0 | 67.6 | - | - | 106.0 |
| 185. ✓ | 35.5 | 28.5 | - | 0.25 | 85.5 |
| 186. ✓ | 21.5 | 66.6 | - | - | 59.0 |
| 187. ✓ | 4.5 | 26.0 | - | - | 87.0 |
| 188. | - | - | - | - | 65.5 |

| of fee. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|------------|---------|---------|---------|---------|----------|
| 189. | 84.5 | 19.4 | - | 27.5 | 88.75 |
| 190. | 16.5 | 61.9 | - | - | 65.0 |
| 191. | 28.5 | - | - | 6.0 | 95.5 |
| 192. | 31.5 | 58.6 | - | 41.5 | 72.75 |
| 193. | 36.5 | 37.0 | - | 2.0 | 92.25 |
| 194. | 51.0 | 51.5 | - | - | 71.75 |
| 195. | 63.5 | 168.0 | - | - | 100.5 |
| 196. | 6.0 | 82.5 | - | - | 54.0 |
| 197. | 61.0 | 105.7 | - | - | 138.75 |
| 198. | 25.0 | 61.5 | - | - | 98.25 |
| 199. | 79.5 | 83.6 | - | - | 106.00 |
| 200. | 34.0 | 45.0 | - | - | 61.0 |
| 201. | 36.5 | 75.5 | - | - | 93.75 |
| 202. | 85.0 | 120.6 | - | 1.0 | 175.0 |
| 203. | 10.0 | 69.7 | - | - | 74.75 |
| 204. | 69.5 | 121.4 | - | 2.5 | 47.5 |
| 205. | 22.0 | 87.8 | - | - | 85.5 |
| 206. | 76.0 | 25.1 | - | 40.0 | 72.25 |
| 207. | 29.5 | 91.0 | - | - | 99.75 |
| 208. | 42.0 | 90.5 | - | - | 90.5 |
| 209. | 16.0 | 35.0 | - | - | 54.0 |
| 210. | 32.0 | 56.7 | - | - | 47.5 |
| 211. | 31.0 | 14.5 | - | - | 56.5 |
| 212. | 16.0 | - | 7.0 | - | 5.5 |
| 213. | 24.5 | 67.2 | - | - | 82.75 |
| 214. | 41.0 | 76.8 | - | - | 77.5 |
| 215. | 51.0 | 124.8 | - | - | 139.0 |
| 216. | 22.0 | 38.5 | - | - | 70.75 |
| 217. | 30.5 | 84.3 | - | 0.25 | 123.5 |
| 218. | 27.5 | 72.9 | - | - | 90.75 |
| 219. | 35.0 | 47.9 | - | - | 66.5 |
| 220. | 61.0 | 84.9 | - | - | 86.0 |

| No. of Tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|--------------|---------|---------|---------|---------|----------|
| 221. | 20.0 | 88.2 | -- | 5.0 | 117.5 |
| 222. ✓ | 51.5 | 180.6 | -- | 1.0 | 185.0 |
| 223. ✓ | 45.0 | 66.5 | -- | 6.0 | 126.5 |
| 224. ✓ | 55.5 | 196.9 | -- | 41.5 | 190.5 |
| 225. ✓ | 49.5 | 122.0 | -- | 2.0 | 131.75 |
| 226. ✓ | 55.0 | 154.6 | -- | -- | 157.75 |
| 227. ✓ | 37.0 | 40.8 | -- | -- | 67.0 |
| 228. | 49.5 | 61.2 | -- | -- | 106.5 |
| 229. ✓ | 48.0 | 77.0 | -- | -- | 183.5 |
| 230. ✓ | 38.0 | 99.5 | -- | 2.0 | 151.75 |
| 231. ✓ | 77.5 | 131.5 | -- | -- | 197.75 |
| 232. ✓ | 64.0 | 71.9 | -- | -- | 82.5 |
| 233. ✓ | 19.5 | 98.0 | -- | -- | 118.5 |
| 234. ✓ | 52.5 | 247.0 | -- | -- | 113.75 |
| 235. ✓ | 41.2 | 79.2 | -- | -- | 100.25 |
| 236. ✓ | 81.0 | 126.5 | -- | -- | 119.5 |
| 237. | -- | 26.2 | -- | -- | 89.5 |
| 238. | 65.0 | 132.4 | -- | 40.0 | 182.0 |
| 239. | 8.5 | 13.0 | 6.0 | 8.0 | 20.0 |
| 240. | 30.5 | 583.0 | -- | -- | 118.0 |
| 241. | 33.0 | 550.0 | -- | -- | 68.75 |
| 242. ✓ | 21.0 | 956.8 | -- | 7.0 | 118.25 |
| 243. ✓ | 64.0 | 955.4 | -- | 5.0 | 95.75 |
| 244. ✓ | 30.5 | 487.7 | -- | -- | 136.25 |
| 245. ✓ | 56.0 | 1103.0 | -- | -- | 115.0 |
| 246. ✓ | 128.5 | 1184.0 | -- | 9.0 | 171.0 |
| 247. ✓ | 67.5 | 688.5 | -- | 1.0 | 106.5 |
| 248. | 43.2 | 14.3 | -- | -- | 49.0 |
| 249. | 72.5 | 6173.7 | -- | -- | 93.5 |
| 250. | 56.0 | 2553.1 | -- | -- | 104.25 |
| 251. ✓ | 37.5 | 8496.8 | -- | 13.5 | 100.25 |

| of Tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|-------------|---------|---------|---------|---------|----------|
| 252. | 51.5 | 38.0 | - | 3.0 | 84.5 |
| 253. | 115.0 | 144.2 | - | 1.0 | 150.0 |
| 254. | - | - | - | - | 3.0 |
| 255. | 95.0 | 135.6 | - | - | 114.75 |
| 256. | - | 23.4 | - | - | 128.0 |
| 257. | 33.0 | 52.0 | - | - | 97.75 |
| 258. | 29.0 | 48.6 | - | - | 82.75 |
| 259. | 45.5 | 61.0 | - | - | 87.25 |
| 260. | 55.0 | 57.2 | - | - | 116.5 |
| 261. | 28.0 | 54.0 | - | 18.5 | 87.25 |
| 262. | 22.0 | 115.0 | - | - | 155.25 |
| 263. | 22.0 | 94.0 | - | - | 87.5 |
| 264. | 11.5 | 53.0 | - | - | 44.0 |
| 265. | 22.0 | 22.2 | - | - | 61.25 |
| 266. | 41.0 | 79.3 | - | - | 100.25 |
| 267. | 80.5 | 87.4 | - | - | 145.75 |
| 268. | 29.0 | 26.1 | - | - | 89.5 |
| 269. | 49.0 | 15.4 | - | 2.0 | 44.25 |
| 270. | 37.0 | 13.0 | 6.0 | 8.0 | 47.25 |
| 271. | 32.0 | 52.9 | - | - | 64.5 |
| 272. | 86.0 | 51.0 | - | - | 121.25 |
| 273. | 67.5 | 96.6 | - | - | 88.0 |
| 274. | 7.0 | 99.0 | - | - | 55.75 |
| 275. | 36.5 | 48.8 | - | - | 36.0 |
| 276. | 52.0 | 165.5 | - | - | 121.25 |
| 277. | 13.5 | 103.4 | - | - | 66.0 |
| 278. | 31.0 | 69.4 | - | - | 143.75 |
| 279. | 42.5 | 14.3 | - | - | 49.0 |
| 280. | 24.5 | 63.0 | - | - | 52.5 |
| 281. | - | 25.0 | - | - | - |
| 282. | 71.0 | 84.7 | - | - | 78.0 |

| of ree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|------------|---------|---------|---------|---------|----------|
| 283. | - | 28.0 | - | - | 47.75 |
| 284. | 29.0 | 67.3 | - | - | 86.0 |
| 285. | - | - | - | - | 3.0 |
| 286. | 82.0 | 104.3 | - | - | 96.5 |
| 287. | 33.5 | 81.7 | - | - | 111.75 |
| 288. | 11.5 | 9.5 | - | - | 29.5 |
| 289. | - | 29.0 | - | - | 95.75 |
| 290. | 27.0 | 73.1 | - | - | 133.0 |
| 291. | 15.0 | 49.7 | - | - | 38.25 |
| 292. | 80.0 | 148.2 | - | 13.5 | 154.0 |
| 293. | - | - | - | - | 4.0 |
| 294. | - | - | - | - | - |
| 295. | - | - | - | - | - |
| 296. | 19.0 | 108.3 | - | - | 164.75 |
| 297. | - | 16.0 | - | - | 78.5 |
| 298. | 33.0 | 76.0 | - | - | 78.75 |
| 299. | 59.0 | 60.6 | - | - | 157.75 |
| 300. | 75.0 | 101.9 | - | - | 125.0 |
| 301. | 8.5 | 96.6 | - | - | 141.0 |
| 302. | - | 60.0 | - | - | - |
| 303. | - | - | - | - | - |
| 304. | - | 87.0 | - | - | - |
| 305. | - | - | - | - | - |
| 306. | - | 54.9 | - | - | 79.0 |
| 307. | - | 33.1 | - | - | - |
| 308. | - | 72.0 | - | - | 141.5 |
| 309. | 18.0 | 110.8 | - | - | - |
| 310. | - | 59.0 | - | - | 60.0 |
| 311. | 20.0 | 62.0 | - | - | 41.5 |
| 312. | - | - | - | - | - |
| 313. | - | 56.0 | - | - | - |
| 314. | 8.0 | - | - | - | - |

| No. of Tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|--------------|---------|---------|---------|---------|----------|
| 315. | - | - | - | - | - |
| 316. | 26.5 | 44.0 | - | - | - |
| 317. | - | 93.0 | - | - | 2.5 |
| 318. | - | 49.1 | - | - | 134.5 |
| 319. | - | 31.0 | - | - | 130.5 |
| 320. | 11.0 | 17.7 | - | - | - |
| 321. | 37.5 | 13.0 | - | 1.0 | 89.5 |
| 322. | 38.5 | 67.0 | - | - | - |
| 323. | 5.0 | 31.0 | - | - | 34.0 |
| 324. | 25.0 | 17.0 | - | - | - |
| 325. | 4.0 | 80.7 | - | - | - |
| 326. | 97.0 | 100.4 | - | - | - |
| 327. | - | 12.0 | - | 1.0 | 124.75 |
| 328. | - | 34.0 | - | - | - |
| 329. | 15.0 | 150.8 | - | - | 140.0 |
| 330. | 8.0 | 15.5 | - | - | 135.0 |
| 331. | - | 58.1 | - | - | 134.35 |
| 332. | 13.5 | 57.0 | - | - | 54.0 |
| 333. | - | - | - | - | 15.0 |
| 334. | 56.5 | 70.0 | - | - | - |
| 335. | - | 47.5 | - | - | - |
| 336. | 24.0 | 65.6 | - | - | - |
| 337. | 10.0 | 611.7 | - | - | 144.75 |
| 338. | 21.0 | 1532.0 | - | - | 152.0 |
| 339. | 4.0 | 64.0 | - | 81.0 | 48.5 |
| 340. | 55.0 | 455.5 | - | 37.0 | 67.0 |
| 341. | - | 12.0 | - | - | 148.75 |
| 342. | 14.0 | 35.1 | - | - | - |
| 343. | 10.5 | 45.0 | - | - | 80.0 |
| 344. | - | 15.1 | - | - | 41.5 |
| 345. | - | 84.5 | - | - | 79.0 |

| No. of Tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|--------------|---------|---------|---------|---------|----------|
| 346. | - | - | - | - | 17.75 |
| 347. | 31.0 | 103.4 | - | - | - |
| 348. | 9.0 | 95.0 | - | - | - |
| 349. | - | 72.0 | - | - | 134.5 |
| 350. | - | 68.5 | - | - | 130.5 |
| 351. | - | - | - | - | - |
| 352. | - | - | - | - | - |
| 353. | - | - | - | - | - |
| 354. | 6.5 | 6.0 | - | - | 34.0 |
| 355. | 25.0 | 53.8 | - | - | - |
| 356. | - | 36.0 | - | - | - |
| 357. | 13.5 | 27.0 | - | - | - |
| 358. | 37.5 | 31.0 | - | 1.0 | 127.75 |
| 359. | - | - | - | - | - |
| 360. | 19.0 | 102.0 | - | - | - |
| 361. | 18.5 | 67.0 | - | - | 136.0 |
| 362. | 23.0 | 58.8 | - | - | 154.25 |
| 363. | 21.5 | 35.0 | - | - | 22.5 |
| 364. | - | - | - | - | 15.0 |
| 365. | - | - | - | - | - |
| 366. | 6.0 | 47.0 | - | - | - |
| 367. | - | - | - | - | - |
| 368. | 38.5 | 66.0 | - | - | 144.75 |
| 369. | 78.5 | 157.4 | - | - | 238.0 |
| 370. | 26.5 | 80.5 | - | - | - |
| 371. | - | 46.75 | - | - | 148.75 |
| 372. | - | 12.0 | - | - | 48.0 |
| 373. | 14.0 | 107.0 | - | - | 110.0 |
| 374. | 5.0 | 60.0 | - | - | 79.0 |
| 375. | 9.0 | 15.3 | - | - | 51.0 |
| 376. | 29.0 | 64.8 | - | - | 137.5 |

| No. of Tree. | 1933-34 | 1934-35 | 1935-36 | 1936-37 | 1937-38. |
|--------------|---------|---------|---------|---------|----------|
| 377. | - | 35.9 | - | - | 17.75 |
| 378. | 11.0 | 72.0 | - | - | 70.0 |
| 379. | 50.0 | 20.9 | - | - | 13.0 |
| 380. | 23.0 | 77.0 | - | - | - |
| 381. | 28.0 | 46.3 | - | - | - |
| 382. | 22.0 | 40.0 | - | - | 47.5 |
| 383. | 121.0 | 21.0 | - | - | 77.5 |
| 384. | 51.0 | 33.3 | - | - | 4.0 |
| 385. | - | 48.5 | - | - | 61.5 |
| 386. | - | 43.0 | - | 1.0 | 87.25 |
| 387. | 26.0 | 38.7 | - | - | 117.0 |
| 388. | 35.5 | 63.5 | - | - | 82.0 |
| 389. ✓ | 5.0 | 18.0 | - | - | 22.5 |
| 390. ✓ | 21.5 | 10.0 | - | - | 169.0 |
| 391. ✓ | - | 46.1 | - | - | 21.5 |
| 392. ✓ | 11.0 | 68.3 | 14.0 | - | 124.5 |
| 393. ✓ | 21.5 | 64.0 | - | - | 118.0 |
| 394. ✓ | 38.0 | 13.1 | - | - | 141.75 |
| 395. ✓ | - | 19.0 | - | - | 50.0 |
| 396. ✓ | - | - | - | - | - |
| 397. | 69.50 | 108.16 | 11.0 | - | - |
| 398. | 35.50 | 59.0 | 46.0 | 25.0 | 82.5 |
| 399. | 27.5 | 35.0 | - | 4.0 | 125.0 |
| 400. | 46.5 | 45.9 | - | - | 138.5 |
| 401. | 13.0 | 24.4 | - | - | 77.5 |
| 402. | - | 22.0 | - | - | - |
| 403. | 86.5 | 41.50 | - | 25.0 | 105.5 |
| 404. | 45.0 | - | - | - | 51.0 |
| 405. | 33.5 | 73.1 | - | - | - |
| 406. | 5.0 | 89.8 | - | - | - |
| 5 407. | 12.5 | 2.5 | - | - | - |