

1st use - 1934 paper

Table No. 1 A Comparison of Average Monthly Maximum and Minimum temperatures at Selected points, indicating the effect of minimum temperatures on the growth of tender crops.

| STATION                                     | AVERAGE MONTHLY MAXIMUM TEMPERATURES (Weather Bureau records to 1930) |      |      |      |      |      |      |      |       |      |      |      |      |
|---------------------------------------------|-----------------------------------------------------------------------|------|------|------|------|------|------|------|-------|------|------|------|------|
|                                             | Jan.                                                                  | Feb. | Mar. | Apr. | May  | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |      |
| Louisville, Ky.                             | 42.4                                                                  | 44.9 | 54.8 | 63.8 | 73.9 | 84.1 | 88.1 | 86.4 | 80.4  | 68.7 | 54.7 | 44.7 | 63.9 |
| Topeka, Kansas                              | 38.0                                                                  | 41.7 | 54.0 | 66.0 | 74.4 | 83.8 | 88.7 | 87.5 | 80.1  | 68.3 | 54.1 | 41.7 | 64.8 |
| Grand Junction, Colo.                       | 36.0                                                                  | 43.7 | 54.8 | 63.0 | 74.6 | 86.2 | 91.2 | 88.3 | 79.3  | 66.0 | 51.9 | 38.0 | 64.6 |
| Oak City, Utah                              | 39.1                                                                  | 44.9 | 53.3 | 63.3 | 72.3 | 83.8 | 91.8 | 89.0 | 79.1  | 65.6 | 51.6 | 38.8 | 64.4 |
| Deseret, Utah                               | 38.6                                                                  | 44.9 | 53.1 | 64.1 | 72.6 | 83.6 | 91.1 | 89.2 | 79.7  | 67.4 | 52.0 | 39.2 | 64.8 |
| Alturas, Cal.                               | 39.9                                                                  | 45.2 | 52.6 | 62.5 | 68.4 | 78.6 | 89.4 | 88.8 | 78.8  | 68.2 | 53.6 | 43.0 | 64.1 |
| AVERAGE MONTHLY MINIMUM TEMPERATURES        |                                                                       |      |      |      |      |      |      |      |       |      |      |      |      |
| Louisville, Ky.<br>(Elevation: 525')        | 26.8                                                                  | 28.6 | 36.9 | 46.7 | 56.4 | 63.2 | 69.0 | 67.3 | 60.7  | 49.1 | 38.2 | 29.3 | 47.8 |
| Topeka, Kansas<br>(Elevation: 1001')        | 19.1                                                                  | 21.6 | 32.0 | 44.0 | 53.5 | 63.0 | 67.3 | 63.9 | 58.2  | 46.1 | 33.3 | 22.1 | 43.9 |
| Grand Junction, Colo.<br>(Elevation: 4602') | 14.4                                                                  | 22.3 | 31.8 | 39.7 | 47.9 | 57.0 | 63.9 | 62.0 | 52.9  | 40.3 | 28.4 | 17.1 | 39.8 |
| Oak City, Utah<br>(Elevation: 5900')        | 16.0                                                                  | 23.2 | 29.4 | 35.8 | 43.3 | 52.4 | 60.8 | 58.7 | 48.2  | 36.9 | 26.5 | 17.3 | 37.4 |
| Deseret, Utah<br>(Elevation: 4341')         | 12.5                                                                  | 19.1 | 25.7 | 31.7 | 39.3 | 47.0 | 54.6 | 53.0 | 41.9  | 31.3 | 21.0 | 12.9 | 32.3 |
| Alturas, Cal.<br>(Elevation: 4446')         | 13.3                                                                  | 20.7 | 23.3 | 29.4 | 34.4 | 39.8 | 44.9 | 41.8 | 35.6  | 28.3 | 23.7 | 17.7 | 29.6 |
|                                             | None                                                                  |      |      |      |      |      |      |      |       |      |      |      |      |

Legend: ! \_\_\_\_\_ ! Period during which tender crops such as corn, beans, melons, and tomatoes make a satisfactory growth.

Note: Oak City and Deseret, Utah, are located in west central Utah along the east side of the Sevier Desert, and are approximately 22 miles apart.