**Database for Agricultural Crops**

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| **Crop Name** | **Minimum (°C)** | **Optimum range (°C)** | **Maximum (°C)** | **TWR** | **NIR** |
| Beans, Lima | 16 | 24-29 | 29 | 1419 | 825 |
| Beans, Snap | 16 | 24-29 | 35 | 1239 | 236 |
| Beets | 4 | 18-29 | 35 | 1446 | 536 |
| Broccoli | 4 | 19-29 | 35 | 1289 | 256 |
| Cabbage | 4 | 16-29 | 35 | 1892 | 368 |
| Carrots | 4 | 18-29 | 35 | 1536 | 305 |
| Cauliflower | 4 | 18-29 | 35 | 1895 | 602 |
| Celery | 4 | NA | NA | 1126 | 125 |
| Garlic | 0 | 18-29 | 35 | 1286 | 325 |
| Leeks | 0 | 18-29 | 35 | 1589 | 458 |
| Okra | 16 | 29-35 | 41 | 1695 | 563 |
| Onions | 0 | 18-29 | 35 | 1459 | 653 |
| Asparagus | 10 | 24-29 | 35 | 1564 | 548 |
| Parsley | 4 | 18-29 | 35 | 1286 | 356 |
| Peppers | 16 | 18-24 | 35 | 1786 | 426 |
| Tomatoes | 10 | 18-29 | 35 | 1365 | 899 |
| Watermelons | 16 | 25-35 | 41 | 1486 | 263 |
| Eggplant | 16 | 24-29 | 35 | 1789 | 536 |
| Chard, Swiss | 4 | 18-29 | 35 | 1456 | 541 |
| Corn | 10 | 18-35 | 41 | 1269 | 458 |
| Lettuce | 0 | 19-24 | 29 | 1698 | 8565 |