**Table (2):** Pathogenicity test of the isolated fungi on sweet pepper fruits after 3, 7 and 10 days.

| Fungi isolated | severity % of infected rot after different periods (days) | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Three days | | Seven days | | Ten days | | mean | | Grand mean |
| | R | Y | R | Y | R | Y | R | Y | |
| ***A. niger*** | 57.00 | 54.28 | 85.71 | 88.84 | 95.00 | 100.00 | 79.23 | 81.04 | **80.13** |
| ***U. chartarum*** | 40.00 | 57.14 | 80.28 | 82.85 | 100.00 | 100.00 | 73.42 | 79.99 | **76.70** |
| ***F. semitectum*** | 35.71 | 25.15 | 78.57 | 57.13 | 80.71 | 80.25 | 66.66 | 57.17 | **61.91** |
| ***G. candidum*** | 25.71 | 22.10 | 30.00 | 26.71 | 35.78 | 30.14 | 30.49 | 26.33 | **28.41** |
| **Control** | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | 00.00 | **00.00** |
| **Mean** | **39.60** | **39.66** | **68.64** | **63.88** | **77.87** | **77.68** | **62.45** | **61.13** | |
| **Grand mean** | **39.63** | | **66.26** | | **77.77** | | | | |

***R**; Red fruit., ***Y**; Yellow fruits.

**Table (3):** The interaction effect among fungi, oils source and oil concentrations on the radial growth of the tested fungi.

| Fungi | *Eucalyptus globulus* (%) | | | | *Eugenia caryophyllata* (%) | | | | *Cinnamomun cassia* (%) | | | | *Zingiber officinale* (%) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** |
| ***Ulocladioum chartarum*** | 2.267 | 1.233 | 0.466 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 3.266 | 2.266 | 1.700 | 0.866 | 6.766 | 5.366 | 4.166 | 3.333 |
| ***Aspergillus niger*** | 1.500 | 1.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 2.266 | 2.000 | 0.533 | 0.000 | 5.166 | 3.133 | 2.233 | 1.300 |
| ***Fusarium semitectum*** | 2.633 | 1.333 | 0.700 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 4.266 | 3.366 | 2.233 | 0.000 | 6.433 | 5.366 | 3.366 | 2.166 |
| ***Geotrichum candidum*** | 1.333 | 0.466 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.466 | 1.000 | 0.000 | 0.000 | 2.666 | 2.200 | 1.333 | 1.000 |
| **Control** | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 | 9.000 |

**Table (4):** The interaction effect among fungi, oils source and oil concentrations on % inhibition of radial growth of the tested fungi.

| Fungi | *Eucalyptus globulus* (%) | | | | *Eugenia caryophyllata* (%) | | | | *Cinnamomun cassia* (%) | | | | *Zingiber officinale* (%) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** |
| ***Ulocladioum chartarum*** | 74.81 | 86.29 | 94.81 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 63.70 | 74.18 | 81.11 | 90.37 | 24.81 | 40.36 | 53.70 | 62.96 |
| ***Aspergillus niger*** | 83.33 | 88.88 | 100.00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 74.81 | 77.77 | 94.07 | 100.00 | 42.59 | 65.18 | 75.18 | 85.55 |
| ***Fusarium semitectum*** | 70.73 | 85.18 | 92.22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 52.59 | 62.59 | 75.18 | 100.00 | 28.51 | 40.36 | 62.59 | 75.92 |
| ***Geotrichum candidum*** | 85.18 | 94.81 | 100.00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 83.70 | 88.88 | 100.00 | 100.00 | 70.37 | 75.55 | 85.18 | 88.88 |
| **Control** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

**Table (5):** The interaction effect among fungi, oils source and oil concentrations on spore germinations of the tested fungi.

| Fungi | *Eucalyptus globulus* (%) | | | | *Eugenia caryophyllata* (%) | | | | *Cinnamomun cassia* (%) | | | | *Zingiber officinale* (%) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** |
| ***Ulocladioum chartarum*** | 22.33 | 14.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.33 | 10.67 | 0.00 | 0.00 | 81.67 | 72.67 | 64.33 | 53.33 |
| ***Aspergillus niger*** | 11.67 | 6.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 24.33 | 17.67 | 10.00 | 0.00 | 75.67 | 64.67 | 48.33 | 43.33 |
| ***Fusarium semitectum*** | 27.33 | 17.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 38.33 | 31.00 | 17.33 | 0.00 | 82.67 | 73.00 | 61.67 | 51.67 |
| ***Geotrichum candidum*** | 6.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 27.33 | 19.33 | 0.00 | 0.00 | 51.67 | 43.33 | 33.67 | 20.00 |
| **Control** | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 |

**Table (6):** The interaction effect among fungi, oils source and oil concentrations on % spore germinations of fungi.

| Fungi | *Eucalyptus globulus* (%) | | | | *Eugenia caryophyllata* (%) | | | | *Cinnamomun cassia* (%) | | | | *Zingiber officinale* (%) | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** | **1** | **2** | **3** | **4** |
| ***Ulocladioum chartarum*** | 77.67 | 86.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 86.67 | 89.33 | 100.00 | 100.00 | 18.33 | 27.33 | 35.67 | 46.67 |
| ***Aspergillus niger*** | 88.33 | 93.66 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 75.67 | 82.33 | 90.00 | 100.00 | 24.33 | 35.33 | 51.67 | 56.67 |
| ***Fusarium semitectum*** | 72.66 | 82.66 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 61.67 | 69.00 | 82.67 | 100.00 | 17.33 | 27.00 | 38.33 | 48.33 |
| ***Geotrichum candidum*** | 94.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 100.00 | 72.67 | 80.67 | 100.00 | 100.00 | 48.33 | 56.67 | 66.33 | 80.00 |
| **Control** | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |