|  |  |  |  |
| --- | --- | --- | --- |
|  | **List of Commodities having National Pest Status Record of Nepal** |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **1.Host Name: *Allium cepa* ( Onion)**  |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Alternaria alternata | alternaria leaf spot of wheat | Leaves, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Shrestha K. 1984 |
| 2 | Fungi | Alternaria porri | purple blotch of onion | Leaves | Central Region,Kathmandu | Khadka et al., 1967 |
| 3 | Fungi | Botryotinia aclada | neck rot fungus | Leaves | Central Region,Kathmandu | Khadka et al., 1967 |
| 4 | Fungi | Cladosporium cladosporioides | Black mould of onion/cereals | Leaves | Central Region,Kathmandu | Khadka et al., 1967 |
| 5 | Fungi | Peronospora destructor | downy mildew of onion | Leaves | Central Region,Kavre:,Central Region,Dhadhing | Anonymous. 1999. |
| 6 | Fungi | Urocystis cepulae | leef smut of onion | Leaves, Flowers & Inflorescence, Fruit, Storage organs (bulbs, tubers, corms, rhizomes) | Central Region,Kathmandu | Khadka et al., 1967 |
| 7 | Insecta | Atherigona orientalis | pepper fruit fly | Stems, Leaves, Fruit, Roots, Growing point | Not known | Pont AC 1992 |
| 8 | Insecta | Dorylus orientalis | oriental army ant | Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Joshi S.L. 1998. |
| 9 | Insecta | Hadula trifolii | clover cutworm | Leaves | Not known | Hacker H. 1998. |
| 10 | Insecta | Idgia viridescens | Soft winged flower beetle | Flowers & Inflorescence | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 11 | Insecta | Thrips tabaci | cotton seedling thrips | Stems, Leaves | Central Region,Bara | Joshi S.L. 1994. |
| 12 | Nematode | Ditylenchus dipsaci |   | Not reported | Central Region,Kathmandu :,Eastern Region,Dhankuta | Pokharel RR, MD Sharma and KR Neupane 1995. Diseases and Nematodes associated with Onion in Rampur, Chitwan. IAAS Research Reports (1993-1994) Tribhuvan University, Inst. Agric. Anim. Sci.pp. 69-72: 69-72 |
| 13 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Chitawan | Pokharel RR, MD Sharma and KR Neupane 1995. Diseases and Nematodes associated with Onion in Rampur, Chitwan. IAAS Research Reports (1993-1994) Tribhuvan University, Inst. Agric. Anim. Sci. pp. 69-72: 69-72 |
| 14 | Nematode | Hemicycliophora sp. | Sheath Nematode | Not reported | Central Region,Chitawan | Pokharel RR, MD Sharma and KR Neupane 1995. Diseases and Nematodes associated with Onion in Rampur, Chitwan. IAAS Research Reports (1993-1994) Tribhuvan University, Inst. Agric. Anim. Sci. pp. 69-72: 69-72 |
| 15 | Nematode | Longidorus sp. | Needle nematode | Not reported | Widespread throught the country | Amatya P and M Shrestha 1969 |
| 16 | Nematode | Meloidogyne sp. | root knot nematode | Not reported | Central Region,Chitawan | Pokharel RR, MD Sharma and KR Neupane 1995. Diseases and Nematodes associated with Onion in Rampur, Chitwan. IAAS Research Reports (1993-1994) Tribhuvan University, Inst. Agric. Anim. Sci. pp. 69-72: 69-72 |
| 17 | Nematode | Pratylenchus sp. | Root lesion nematode | Roots | Central Region,Chitawan | Pokharel RR, MD Sharma and KR Neupane 1995. Diseases and Nematodes associated with Onion in Rampur, Chitwan. IAAS Research Reports (1993-1994) Tribhuvan University, Inst. Agric. Anim. Sci. pp. 69-72: 69-72 |
| 18 | Nematode | Tylenchorhynchus sp | Stunt nematode | Not reported | Central Region,Chitawan | Pokharel RR, MD Sharma and KR Neupane 1995. Diseases and Nematodes associated with Onion in Rampur, Chitwan. IAAS Research Reports (1993-1994) Tribhuvan University, Inst. Agric. Anim. Sci. pp. 69-72: 69-72 |
|  |  |  |  |  |  |  |
|  | **2. Host Name: *Amomum subulatum* (Large Cardamum)** |  |  |  |
|  |  |  |  |  |  |  |
| S.N. | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Virus | Dwarfing virus | Foorke of cardamum | Leaves | Eastern Region,Ilam :,Eastern Region,Panchthar | Shrestha SK and SE Albrechtsen. 1992 |
| 2 | Virus | Streak mosaic virus | Chirke of cardamum | Leaves | Eastern Region,Ilam :,Eastern Region,Panchthar | Shrestha SK and SE Albrechtsen. 1992 |
| 3 | Fungi | Gloeosporium musarum | Banana anthracnose | Fruit | Central Region,Kathmandu | Anonymous. 1990-91.Annual report. Plant Pathology Division Nepal Agricultural Research Council, Khumaltar, Lalitpur,Nepal |
| 4 | Fungi | Cladosporium sp. | Kernel rot of lradish | Not reported | Central Region,Na | Khadka et al., 1967 |
| 5 | Fungi | Mycosphaerella sp. | Leaf spot of cardamum | Leaves | Central Region,Kavre | Anonymous 2000 |
| 6 | Fungi | Nectria haematococca | root (rhizom) rot of lcardamom | Roots | Eastern Region,Ilam :,Eastern Region,Panchthar, | Amatya P G Dahal and HK Manandhar. 1992 |
| 7 | Fungi | Pestalotiopsis sp | Leaf blight of Cardamum | Leaves | Eastern Region,Ilam | Khadka B.B. and S. M.Shah. 1967 |
| 8 | Fungi | Phoma sp. | Leaf spot of ginger | Leaves | Eastern Region,Ilam | Anonymous. 1996. |
| 9 | Insecta | Celelia plumbiota |   | Leaves | Eastern Region,Ilam :,Eastern Region,Panchthar | Detention Survey |
| 10 | Insecta | Disphania militaris | Smoky moth | Not reported | Eastern Region,Sunsari | Joshi S.L. and D.N. Manandhar 2001 |
| 11 | Insecta | Pentalonia nigronervosa | banana aphid | Flowers & Inflorescence, Growing point | Eastern Region,Ilam :,Eastern Region,Panchthar | Sharma K.C. 1965. |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **3. Host Name: *Brassica compestris*(Rape Seed)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Insecta | Athalia lugens | Mustard sawfly | Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 2 | Insecta | Autographa nigrisigna | Asiatic common looper | Leaves | Not known | Yashimoto H. 1993. |
| 3 | Insecta | Kelisia fieberi | Plant hopper | Not reported | Eastern Region,Morang | Joshi S.L. and D.N. Manandhar 2001 |
| 4 | Insecta | Lipaphis erysimi | Mustard aphid | Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 5 | Insecta | Lobonyx exasperatus | Soft winged flower beetle | Flowers & Inflorescence | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 6 | Insecta | Nilaparvata lugens | Brown planthopper | Not reported | Eastern Region,Morang | Joshi S.L. and D.N. Manandhar 2001 |
| 7 | Insecta | Thrips flavus | apple blossom thrips | Flowers & Inflorescence | Not known | Not Reported |
| 8 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 9 | Nematode | Longidorus sp. | Needle nematode | Not reported | Widespread throught the country | Amatya P and M Shrestha 1969 |
| 10 | Nematode | Meloidogyne javanica | sugarcane eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 11 | Nematode | Xiphinema sp. | Dagger nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
|  |  |  |  |  |  |  |
|  | **4. Host Name: *Brassica Nigra* (Black Mustard)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Albugo candida | White rust of crucifers/radish | Stems, Leaves | Widespread throught the country | Anonymous. 1991 |
| 2 | Fungi | Alternaria brassicae ,A.brassicicola | Leaf spot of mustard/Blight of radish | Seeds, Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 3 | Fungi | Aspergillus flavus | aflatoxin of linseed | Seeds | Not known | Shrestha K. 1984 |
| 4 | Fungi | Drechslera tetramera | Root rot of mustard/Seedling blight/Seedling blight | Seeds | Not known | Shrestha K. 1984 |
| 5 | Fungi | Erysiphe cruciferarum | powdery mildew: Brussel's sprouts, Powery mildew of mustard | Stems, Leaves, Whole plant | Widespread throught the country | Anonymous. 1991N. |
| 6 | Fungi | Penicillium spp | Seed deterioration of radish | Seeds | Not known | Shrestha K. 1984 |
| 7 | Fungi | Peronospora sp | Downey mildew of mustard | Leaves, Whole plant | Central Region,Kathmandu | Khadka B.B. and S. M.Shah. 1967 |
| 8 | Fungi | Sclerotinia sclerotiorum | White blight of mustard/Wilt /collar rot/ White blight (Sclerotinia stem rot)Stem rot of lentil | Stems, Whole plant | Widespread throught the country | Anonymous. 1991N. |
| 9 | Fungi | Stemphylium sp. | Seed mold of mustard | Seeds | Not known | Shrestha K. 1984 |
| 10 | Fungi | Trichothecium sp | Seed rot of mustard | Seeds | Not known | Shrestha K. 1984 |
|  |  |  |  |  |  |  |
|  | **5. Host Name: *Brassica oleraceae var. Capitata* (Cabbage)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | Xanthomonas campestris pv. campestris | black rot of cabbage | Stems, Leaves, Whole plant | Widespread throught the country | Shrestha K 1984 |
| 2 | Fungi | Alternaria brassicae | dark leaf spot of cabbage | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit, Whole plant | Widespread throught the country | Khadka et al., 1967 |
| 3 | Fungi | Alternaria brassicae | dark leaf spot of cabbage | Seeds, Stems, Leaves, Fruit, Roots, Whole plant | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 4 | Fungi | Alternaria brassicicola | Alternaria blight | Seeds, Stems, Leaves, Flowers & Inflorescence, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Khadka B.B. S.M.Shah. 1967 |
| 5 | Fungi | Alternaria tenuissima | Nailhead spot: potatato | Seeds, Leaves, Flowers & Inflorescence, Roots, Whole plant | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 6 | Fungi | Aspergillus flavus | aflatoxin of linseed | Seeds | Widespread throught the country | Shrestha K 1984 |
| 7 | Fungi | Cochliobolus lunatus |   | Seeds, Stems, Leaves, Roots, Whole plant | Widespread throught the country | Shrestha K. 1984 |
| 8 | Fungi | Fusarium pallidoroseum | Storage rot and damping off | Stems, Leaves, Whole plant | Widespread throught the country | Shrestha K 1984 |
| 9 | Fungi | Peronospora parasitica | downy mildew | Stems, Leaves | Widespread throught the country | Amatya P G Dahal and HK Manandhar. 1992 |
| 10 | Fungi | Rhizoctonia sp | Dry rot of citrus | Leaves, Roots, Whole plant | Widespread throught the country | Anonymous 1991 |
| 11 | Fungi | Trichoderma viride |   | Seeds, Leaves, Roots, Whole plant | Not known | Shrestha K 1984 |
| 12 | Insecta | Autographa nigrisigna | Asiatic common looper | Leaves | Not known | Yashimoto H. 1993. |
| 13 | Insecta | Bagrada hilaris | bagrada, bug | Leaves | Widespread throught the country | Neupane F.P. 1989. |
| 14 | Insecta | Brevicoryne brassicae | cabbage aphid | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 15 | Insecta | Chrysodeixis chalcites | tomato looper | Leaves | Widespread throught the country | Neupane F.P. 1989. |
| 16 | Insecta | Eurydema pulchrum | brassica bug | Leaves | Tarai and inner tarai ,Central Region | Joshi S.L. and D.N. Manandhar 2001 |
| 17 | Insecta | Hadula trifolii | clover cutworm | Leaves | Not known | Hacker H. 1998. |
| 18 | Insecta | Helicoverpa armigera | cotton bollworm | Leaves, Flowers & Inflorescence, Fruit | Central Region,Lalitpur | Joshi S.L. and D.N. Manandhar 2001 |
| 19 | Insecta | Lipaphis erysimi | Mustard aphid | Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Sharma K.C. 1965. |
| 20 | Insecta | Phyllotreta striolata | cabbage flea beetle | Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Growing point | Not known | Medvedev LN. 1984. |
| 21 | Insecta | Pieris brassicae nepalensis | Cabbage butterfly | Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 22 | Insecta | Pieris canidia indica | Small white butterfly | Leaves, Flowers & Inflorescence | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 23 | Insecta | Plutella xylostella | diamondback moth | Leaves, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 24 | Insecta | Spodoptera litura | armyworm | Leaves | Widespread throught the country | Neupane F.P. 1989. |
| 25 | Insecta | Thysanoplusia orichalcea | fax caterpillar | Leaves | Widespread throught the country | Neupane F.P. 1989. |
| 26 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 27 | Nematode | Longidorus sp. | Needle nematode | Not reported | Widespread throught the country | Amatya P and M Shrestha 1969 |
| 28 | Nematode | Meloidogyne arenaria | peanut root-knot nematode | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 29 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 30 | Plasmodium | Plasmodiophora brassicae | cabbage club rot | Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole plant | Widespread throught the country | Anonymous. 1997 |
|  |  |  |  |  |  |  |
|  | **6. Host Name: *Camellia sinensis* (Tea)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Armillaria mellea | Root splitng of tea | Roots | Widespread throught the country | Yadav P. 2004. |
| 2 | Fungi | Capnodium sp. | Sooty mold of tea | Leaves | Widespread throught the country | Shrestha S K. 2001. |
| 3 | Fungi | Cephaleurus parasiticus | Red rust of tea | Leaves | Widespread throught the country | Yadav P. 2004. |
| 4 | Fungi | Corticium salmonicolor | thread blight | Leaves, Growing point | Widespread throught the country | Yadav P. 2004. |
| 5 | Fungi | Exobasidium vexans | blister blight of tea | Leaves, Growing point | Widespread throught the country | Yadav P. 2004. |
| 6 | Fungi | Glomerella cingulata | Brown blight of tea | Leaves, Growing point | Eastern Region,Ilam | Shrestha S K. 2001. |
| 7 | Fungi | Pestalotiopsis theae | grey: tea blight | Leaves, Growing point | Widespread throught the country | Yadav P. 2004. |
| 8 | Fungi | Phoma sp. | Leaf spot of ginger | Leaves | Widespread throught the country | Shrestha S K. 2001. |
| 9 | Fungi | Septobassidium spp | Felt disease of citrus/Stem velvet of tea | Stems | Eastern Region,Ilam | Shrestha S K. 2001. |
| 10 | Insecta | Aspidiotus destructor | coconut scale | Leaves | Not known | Not Reported |
| 11 | Insecta | Attacus atlas | atlas moth | Leaves | Not known | Allen MG. 1993. |
| 12 | Insecta | Ceroplastes japonicus | Japanese wax scale | Leaves | Not known | Not Reported |
| 13 | Insecta | Eterusia aedea | Tea smoky moth | Stems, Leaves, Flowers & Inflorescence, Growing point | Eastern Region,Ilam | Joshi, S.L. and D.N. Manandhar. 2001. |
| 14 | Insecta | Heliothrips haemorrhoidalis | black glasshouse thrips | Leaves | Not known | Kudo I. 1995. |
| 15 | Insecta | Megalurothrips distalis |   | Leaves | Not known | Varatharanjan R et al., 1992. |
| 16 | Insecta | Poecilocoris latus | tea shield bug | Leaves | Not known | Ahmad I and Kamaluddin S. 1982. |
| 17 | Insecta | Thrips flavus | apple blossom thrips | Leaves | Not known | Not Reported |
| 18 | Insecta | Toxoptera aurantii |   | Leaves, Growing point | Eastern Region,Ilam | Sharma, K.C. 1968. |
| 19 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Eastern Region,Ilam | Amatya P and M Shrestha 1969 |
| 20 | Nematode | Tylenchus sp. |   | Not reported | Eastern Region,Ilam | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
|  |  |  |  |  |  |  |
|  | **7. Host Name: *Citrus aurantifolia* (Lime)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Nematode | Longidorus sp. | Needle nematode | Not reported | Widespread throught the country | Amatya P and M Shrestha 1969 |
| 2 | Nematode | Tylenchulus semipenetrans | citrus root nematode | Roots | Widespread throught the country | Manandhar HK and P Amatya 1985 |
|  |  |  |  |  |  |  |
|  | **8. Host Name: *Citrus aurantifum*(Sour Orange)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Nematode | Criconemella sp | Ring nematode | Not reported | Western Region,Kaski | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 2 | Nematode | Longidorus sp. | Needle nematode | Not reported | Western Region,Kaski | Amatya P and M Shrestha 1969 |
| 3 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Western Region,Kaski | Amatya P and M Shrestha 1969 |
| 4 | Nematode | Tylenchulus sp | Citrus nematode | Not reported | Western Region,Kaski | Amatya P and M Shrestha 1969 |
| 5 | Nematode | Xiphinema sp. | Dagger nematode | Not reported | Central Region,Chitawan :,Central Region,Kathmandu | Maharjan M and RN Sharma 2004 |
|  |  |  |  |  |  |  |
|  | **9. Host Name: *Citrus sinensis* (Sweet Orange)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Insecta | Atherigona orientalis | pepper fruit fly | Stems, Leaves, Fruit | Not known | Pont AC 1992 |
| 2 | Insecta | Bactrocera dorsalis | Oriental fruit fly | Fruit | Eastern Region,Bhojpur :,Central Region,Kathmandu | Central Entomology Division. 1991. |
| 3 | Insecta | Bactrocera tsuneonis | Japanese orange fly | Fruit | Central Region,Sindhupalchoke | Joshi S.L. and D.N. Manandhar 2001 |
| 4 | Insecta | Bactrocera zonata | guava fruit fly | Fruit | Eastern Region,Bhojpur :,Central Region,Kathmandu | Central Entomology Division. 1991. |
| 5 | Insecta | Eudocima fullonia | fruit-piercing moth | Fruit | Not known | Banziger H. 1987. |
|  |  |  |  |  |  |  |
|  | **10. Host Name: *Citrus spp. (Citrus)*** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | citrus huanglongbing (greening) disease | Citrus greening | Stems, Leaves, Flowers & Inflorescence, Fruit, Whole plant | Widespread throught the country | Lama T.K. 1980. |
| 2 | Bacterium | Xanthomonas axonopodis pv. citri | citrus bacterial canker | Stems, Leaves, Fruit | Widespread throught the country | Anonymous.1990-91. Annual Report.Plant Pathology Division, Khumaltar. |
| 3 | Fungi | Alternaria citri | Styler-end rot of citrus/core rot of citrus | Stems, Leaves, Fruit | Eastern Region,Ilam | Khadka et al., 1967 |
| 4 | Fungi | Capnodium citri | sooty mould of citrus | Fruit | Western Region,Kaski | Lama T K. 1971 |
| 5 | Fungi | Cephaleuros virescens | Cephaleuros disease of citrus | Not reported | Western Region,Kaski | Khadka et al., 1967 |
| 6 | Fungi | Colletotrichum gloesporoides | Anthracnose of citrus | Leaves, Fruit, Whole plant | Western Region,Kaski | Lama T K. 1979 |
| 7 | Fungi | Corticium salmonicolor | damping off | Stems, Leaves, Whole plant | Western Region,Kaski | T.K.Lama 1979 |
| 8 | Fungi | Elsinoë fawcettii | citrus scab | Leaves, Fruit | Mid Western Region,Rapti | Khadka et al., 1967 |
| 9 | Fungi | Mycospherella hordii | Citrus black melanose | Leaves | Western Region,Kaski | Khadka B.B. and S. M.Shah. 1967 |
| 10 | Fungi | Nectria cinnabarina | Citrus canker | Leaves, Fruit | Not known | Lama T K. 1971. |
| 11 | Fungi | Oidium tingitaninum | Powdery mildew of citrus | Stems, Leaves | Western Region,Kaski | Khadka B.B. and S. M.Shah. 1967 |
| 12 | Fungi | Penicillium digitatum | Blue mould of citrus | Fruit | Widespread throught the country | Lama T K. 1979 |
| 13 | Fungi | Pestalotiopsis citri | Leaf spot of citrus | Leaves | Western Region,Kaski | Lama T K. 1971 |
| 14 | Fungi | Phytophthora nicotianae | Black shank/Gummosis/ foot rot og citrus | Stems, Leaves, Fruit, Roots, Whole plant | Widespread throught the country | Lama T. K. 1980. |
| 15 | Fungi | Rhizoctonia sp | Dry rot of citrus | Stems, Roots | Widespread throught the country | Lama T K. 1979 |
| 16 | Fungi | Septobassidium spp | Felt disease of citrus/Stem velvet of tea | Not reported | Western Region,Kaski | Lama T K. 1979 |
| 17 | Insecta | Agrilus sp | Citrus flat-headed borer | Stems | Central Region,Dhading | Joshi S.L. and D.N. Manandhar 2001 |
| 18 | Insecta | Aleurocanthus woglumi | citrus blackfly | Leaves, Fruit | Eastern Region,Siraha | Joshi S.L. and D.N. Manandhar 2001 |
| 19 | Insecta | Aonidiella aurantii | California red scale | Stems, Leaves, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 20 | Insecta | Aspidiotus destructor | coconut scale | Stems, Leaves | Not known | Not Reported |
| 21 | Insecta | Atherigona orientalis | pepper fruit fly | Not reported | Not known | Pont AC 1992 |
| 22 | Insecta | Attacus atlas | atlas moth | Leaves | Not known | Allen MG. 1993. |
| 23 | Insecta | Bactrocera dorsalis | Oriental fruit fly | Fruit | Not known | Drew RAI and Hancock DL. 1994. |
| 24 | Insecta | Bactrocera dorsalis species complex | Oriental fruit fly species complex | Fruit | Not known | Drew RAI and Hancock DL. 1994. |
| 25 | Insecta | Cassida sp | Tortoise beetle | Leaves | Eastern Region,Sunsari | Joshi S.L. and D.N. Manandhar 2001 |
| 26 | Insecta | Ceroplastes japonicus | Japanese wax scale | Stems, Leaves | Not known | Not Reported |
| 27 | Insecta | Diaphorina citri | Asian citrus psyllid | Leaves, Flowers & Inflorescence, Growing point | Widespread throught the country | Detention Survey |
| 28 | Insecta | Euproctis xanthorrhoea |   | Leaves | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 29 | Insecta | Heliothrips haemorrhoidalis | black glasshouse thrips | Not reported | Not known | Kudo I. 1995. |
| 30 | Insecta | Icerya seychellarum | Okada cottony-cushion scale | Stems, Leaves, Fruit | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 31 | Insecta | Lepidosaphes beckii | Citrus mussel scale | Stems, Leaves, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 32 | Insecta | Menelaides nephelus |   | Stems, Leaves | Central Region:,Western Region,Gorkha | Joshi S.L. and D.N. Manandhar 2001 |
| 33 | Insecta | Menelaides polytes romolus |   | Stems, Leaves | Central Region,Kathmandu :,Central Region,Chitawan | Joshi S.L. and D.N. Manandhar 2001 |
| 34 | Insecta | Oberea butangensis | Citrus twig borer | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 35 | Insecta | Oxycetonia jucunda . |   | Leaves | Central Region,Dhading :,Central Region,Kathmandu :,Central Region,Chitawan | Joshi S.L. and D.N. Manandhar 2001 |
| 36 | Insecta | Papilio demoleus | chequered swallowtail | Stems, Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 37 | Insecta | Papilio machaon rinpoche |   | Stems, Leaves | Central Region,Kathmandu :,Western Region,Mustang | Joshi S.L. and D.N. Manandhar 2001 |
| 38 | Insecta | Papilio polytes | common mormon | Leaves | Not known | Watanabe M. 1979. |
| 39 | Insecta | Phyllocnistis citrella | citrus leaf miner | Stems, Leaves, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 40 | Insecta | Pseudococcus cryptus | Long-tailed citrus mealy bug | Stems, Leaves, Fruit | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 41 | Insecta | Rhynchocoris poseidon | Citrus green stink bug | Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 42 | Insecta | Thrips flavus | apple blossom thrips | Flowers & Inflorescence | Central Region,Kathmandu :,Western Region,Mustang | Joshi S.L. and D.N. Manandhar 2001 |
| 43 | Insecta | Toxoptera aurantii |   | Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 44 | Insecta | Toxoptera citricida | black citrus aphid | Stems, Leaves | Widespread throught the country | Sharma K.C. 1965. |
| 45 | Mites | Eutetranychus ? sexmaculatus | Spider mite | Stems, Leaves | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 46 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 47 | Nematode | Longidorus sp. | Needle nematode | Not reported | Central Region,Kathmandu | Maharjan M and RN Sharma 2004 |
| 48 | Nematode | Xiphinema sp. | Dagger nematode | Not reported | Central Region,Kathmandu | Manandhar HK and P Amatya 1988 |
| 49 | Phanerogamic plant parasite | Parasitic angeosperm | Ainjeru of citrus | Stems, Leaves, Whole plant | Widespread throught the country | Lama T.K. 1980. |
| 50 | Virus | Tristeza virus | Quick decline of citrus | Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole plant | Widespread throught the country | Lama T.K. 1980. |
|  |  |  |  |  |  |  |
|  | **11. Host Name: *Coffee arabica* (Arabica Coffee )** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 |   | Cercospora sp | Brown eye leaf spot of coffee | Leaves, Fruit | Central Region,Nuwakot | Anonymous 1990 |
| 2 | Fungi | Colletotrichum gloesporoides | Anthracnose of citrus | Seeds, Stems, Leaves, Fruit | Widespread throught the country | Kharge BR D Dhakal. 2003 |
| 3 | Fungi | Mycosphaerella coffeicola | brown eye spot of coffee | Seeds, Fruit | Widespread throught the country | Kharge BR D Dhakal. 2003 |
| 4 | Fungi | Rhizoctonia sp | Dry rot of citrus | Stems, Leaves, Roots | Central Region,Nuwakot | Anonymous 1990 |
|  |  |  |  |  |  |  |
|  | **12. Host Name: *Coffee spp* (Coffee)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Insecta | Attacus atlas | atlas moth | Leaves | Not known | Allen MG. 1993. |
| 2 | Insecta | Chlorophorus annularis | bamboo longhorn | Stems | Western Region,Syangja | Detention Survey |
| 3 | Insecta | Eudocima fullonia | fruit-piercing moth | Fruit | Not known | Banziger H. 1987. |
| 4 | Insecta | Heliothrips haemorrhoidalis | black glasshouse thrips | Leaves, Fruit | Not known | Kudo I. 1995. |
| 5 | Insecta | Megalurothrips distalis |   | Leaves, Flowers & Inflorescence, Fruit, Growing point | Not known | Varatharanjan R et al., 1992. |
| 6 | Insecta | Megalurothrips usitatus | bean flower thrips | Leaves, Flowers & Inflorescence | Not known | Reyes CP. 1994. |
| 7 | Insecta | Selenothrips rubrocinctus | cacao thrips | Leaves, Flowers & Inflorescence, Fruit | Not known | Kudo I. 1995. |
| 8 | Insecta | Xylotrechus smei | White stem borer | Stems | Western Region,Syangja | Detention Survey |
|  |  |  |  |  |  |  |
|  | **13. Host Name: *Coriandrum sativum* (Coriander)** |  |  |  |
|  |  |  |  |  |  |  |
| S.N. | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Alternaria longipes | Alternaria leaf spot | Seeds | Widespread throught the country | Shrestha K. 1984 |
| 2 | Fungi | Protomyces macrosporus | Stmem gall of coriender | Stems, Leaves | Central Region,Kavre | Mahto B.N. 2001. |
| 3 | Insecta | Rhyzopertha dominica |   | Seeds | Not known | Taylor RWD and Halliday D. 1986. |
| 4 | Insecta | Thrips flavus | apple blossom thrips | Flowers & Inflorescence | Not known | Not Reported |
| 5 | Nematode | Meloidogyne arenaria | peanut root-knot nematode | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 6 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 7 | Nematode | Meloidogyne javanica | sugarcane eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
|  |  |  |  |  |  |  |
|  | **14. Host Name: *Lens culinaris spp.culinaris* (Lentil)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Alternaria alternata | alternaria leaf spot of wheat | Stems, Leaves, Whole plant | Central Region,Kathmandu | Joshi S. 2003 |
| 2 | Fungi | Botrytis cinarea | Grey mold of linseed | Seeds, Whole plant | Central Region,Lalitpur | Joshi S. 2003 |
| 3 | Fungi | Cercospora lensi | Leaf spot | Stems, Leaves, Whole plant | Central Region,Kathmandu | Joshi S. 2003 |
| 4 | Fungi | Corticium rolfsii | Sclerotium wilt of wheat and Tomato | Leaves, Roots, Whole plant | Widespread throught the country | Karki PB 1993 |
| 5 | Fungi | Erysiphe betae | Powdery mildew of Pea | Stems, Leaves | Widespread throught the country | Joshi S. 2003 |
| 6 | Fungi | Fusarium oxysporum f.sp. lentis | vascular wilt of lentil | Stems, Leaves, Roots, Whole plant | Widespread throught the country | Manandhar J. 1975 |
| 7 | Fungi | Macrophomina phaseolina | ashy stem blight | Leaves, Roots, Whole plant | Widespread throught the country | Manandhar J. 1975 |
| 8 | Fungi | Nectria haematococca | root (rhizom) rot of lcardamom | Stems, Leaves, Roots, Whole plant | Widespread throught the country | Anonymous 1991 |
| 9 | Fungi | Sclerotinia sclerotiorum | White blight of mustard/Wilt /collar rot/ White blight (Sclerotinia stem rot)Stem rot of lentil | Stems, Leaves, Roots, Whole plant | Central Region,Lalitpur | Joshi S. 2003 |
| 10 | Fungi | Stemphylium sarciniforme | red clover leaf spot/blight of lentil/blight of lentil | Stems, Leaves | Widespread throught the country | Manandhar J. 1975 |
| 11 | Fungi | Thanatephorus cucumeris (Frank) Donk | Sheath blight ofrice | Stems, Roots | Central Region,Lalitpur | Joshi S. 2003 |
| 12 | Fungi | Uromyces viciae-fabae | Rust of pea/Rust of lentil | Stems, Leaves | Widespread throught the country | Joshi S. 2003 |
| 13 | Insecta | Agrotis segetum | black cutworm | Stems | Central Region | Not Reported |
| 14 | Insecta | Callosobruchus maculatus |   | Seeds | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 15 | Insecta | Megalurothrips distalis |   | Leaves, Fruit, Growing point | Not known | Varatharanjan R et al., 1992. |
| 16 | Insecta | Rhyzopertha dominica |   | Stems | Not known | Taylor RWD and Halliday D. 1986. |
| 17 | Nematode | Aphelenchus sp. |   | Not reported | Central Region,Bhaktapur | Manandhar HK and P Amatya 1988. Plant parasitic Nematodes Associated with Winter Legumes in Nepal. Paper presented at working group meeting for winter grain legumes, September 7-8, 1988. National Wheat Development Program, Bhairahawa, Nepal. |
| 18 | Nematode | Criconemella sp | Ring nematode | Not reported | Western Region,Kaski | Manandhar H. K., and P. Amatya. 1988. Plant parasitic Nematodes Associated with Winter Legumes in Nepal. Paper presented at working group meeting for winter grain legumes, September 7-8, 1988. National Wheat Development Program, Bhairahawa, Nepal. |
| 19 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Bhaktapur :,Central Region,Lalitpur:,Western Region,Kaski | Manandhar HK and P Amatya 1988. Plant parasitic Nematodes Associated with Winter Legumes in Nepal. Paper presented at working group meeting for winter grain legumes, September 7-8, 1988. National Wheat Development Program, Bhairahawa, Nepal. |
| 20 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 21 | Nematode | Meloidogyne javanica | sugarcane eelworm | Roots | Central Region,Chitawan | Bhardwoj LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 22 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Central Region,Bhaktapur | Manandhar HK and P Amatya 1988. Plant parasitic Nematodes Associated with Winter Legumes in Nepal. Paper presented at working group meeting for winter grain legumes, September 7-8, 1988. National Wheat Development Program, Bhairahawa, Nepal. |
| 23 | Nematode | Tylenchus sp. |   | Not reported | Central Region,Chitawan | Manandhar HK and P Amatya 1988. Plant parasitic Nematodes Associated with Winter Legumes in Nepal. Paper presented at working group meeting for winter grain legumes, September 7-8, 1988. National Wheat Development Program, Bhairahawa, Nepal. |
| 24 | Virus | Cucumber mosaic virus | cucumber mosaic | Stems, Leaves, Whole plant | Not known | Joshi S. 2003 |
|  |  |  |  |  |  |  |
|  | **15. Host Name: *Llinum usitatissimum* (Linseed)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Aspergillus flavus | aflatoxin of linseed | Seeds | Widespread throught the country | Shrestha K. 1984 |
| 2 | Fungi | Cladosporium sp. | Kernel rot of lradish | Seeds | Not known | Shrestha K. 1984 |
| 3 | Fungi | Curvularia lunata | Curvularia leaf spot of linseed | Seeds | Not known | Shrestha K. 1984 |
| 4 | Fungi | Fusarium oxysporum f.sp. lini | flax wilt | Stems, Leaves, Roots, Whole plant | Central Region,Sarlahi | Anonymous. 1997 |
| 5 | Fungi | Melampsora lini | flax rust | Stems, Leaves, Whole plant | Widespread throught the country | Mahto B N. 1980 |
| 6 | Insecta | Cadra cautella | dried currant moth | Seeds | Not known | Roesler RU. 1973. |
| 7 | Insecta | Tyrophagus putrescentiae | cereal mite | Not reported | Not known | Haines CP. 1974. |
|  |  |  |  |  |  |  |
|  | **16. Host Name: *Lycopersicon esculentum*(Tomato)** |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | Ralstonia solanacearum | Wilt of ginger | Seeds, Stems, Leaves, Fruit, Roots, Whole plant | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 2 | Fungi | Alternaria solani | early blight of potato and tomato | Stems, Leaves, Fruit, Whole plant | Widespread throught the country | Anonymous 2000 |
| 3 | Fungi | Colletotrichum coccodes | anthracnose of tomato | Roots | Widespread throught the country | Khadka B.B. S. M. Shah and K Lawat. 1968 |
| 4 | Fungi | Corticium rolfsii | Sclerotium wilt of wheat and Tomato | Stems, Roots | Central Region,Kathmandu | Anonymous. 2001. |
| 5 | Fungi | Fusarium oxysporum f.sp. lycopersici | Fusarium wilt of tomato | Stems, Leaves, Flowers & Inflorescence, Fruit, Whole plant | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 6 | Fungi | Phomopsis longicola | Phomopsis seed decay | Stems, Leaves, Flowers & Inflorescence, Fruit, Whole plant | Widespread throught the country | Anonymous. 1995 |
| 7 | Fungi | Phylosticta sp | Phylosticta leaf spot of tomato | Leaves | Not known | Khadka B.B. and S. M.Shah. 1967 |
| 8 | Fungi | Phytophthora infestans | blight of potato | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit, Whole plant | Widespread throught the country | Khadka B.B. S. M. Shah and K Lawat. 1968 |
| 9 | Fungi | Septoria lycopersici | leaf spot of tomato | Stems, Leaves, Flowers & Inflorescence, Fruit, Whole plant | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 10 | Insecta | Acherontia styx | death's head hawkmoth, eastern | Leaves | Not known | Haruta T(ed.). 1992. |
| 11 | Insecta | Agrotis ipsilon |   | Stems | Widespread throught the country | Joahi, S.L. and Manandhar, D.N. (eds.). 2001. |
| 12 | Insecta | Amrasca biguttula biguttula | green jassid | Leaves | Not known | Thapa VK. 1983. |
| 13 | Insecta | Aspidiotus destructor | coconut scale | Stems, Leaves, Fruit, Growing point | Not known | Not Reported |
| 14 | Insecta | Atherigona orientalis | pepper fruit fly | Stems, Leaves, Fruit, Growing point | Not known | Pont AC 1992 |
| 15 | Insecta | Bactrocera dorsalis species complex | Oriental fruit fly species complex | Fruit | Not known | Drew RAI and Hancock DL. 1994. |
| 16 | Insecta | Bemisia tabaci |   | Leaves, Flowers & Inflorescence, Growing point | Western Region,Tanahu:,Western Region,Kaski | Monitoring Survey |
| 17 | Insecta | Chromatomyia horticola | cruciferous leaf miner | Leaves | Not known | Sasakawa M. 1979. |
| 18 | Insecta | Eudocima fullonia | fruit-piercing moth | Fruit | Not known | Banziger H. 1987. |
| 19 | Insecta | Hadula trifolii | clover cutworm | Leaves | Not known | Hacker H. 1998. |
| 20 | Insecta | Helicoverpa armigera | cotton bollworm | Flowers & Inflorescence, Fruit | Widespread throught the country | Joshi, S.L. 1994. |
| 21 | Nematode | Criconemella sp | Ring nematode | Not reported | Central Region,Bhaktapur :,Central Region,Chitawan :,Central Region,Kathmandu :,Central Region,Lalitpur | Keshari AK 2004 |
| 22 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Bhaktapur :,Central Region,Chitawan :,Central Region,Kathmandu :,Central Region,Lalitpur | Keshari AK 2004 |
| 23 | Nematode | Heterodera sp | Cyst nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 24 | Nematode | Hirschmanniella sp | Rice root nematode | Not reported | Central Region,Kathmandu | Keshari AK 2004 |
| 25 | Nematode | Longidorus sp. | Needle nematode | Not reported | Central Region,Chitawan :,Central Region,Lalitpur | Keshari AK 2004 |
| 26 | Nematode | Meloidogyne arenaria | peanut root-knot nematode | Not reported | Widespread throught the country | Bhardwoj et al., 1982 |
| 27 | Nematode | Meloidogyne hapla | root knot nematode | Not reported | Widespread throught the country | Manandhar, H. K. and P. Amatya. Unpublished. Survey Reports on Presence of Meloidogyne hapla Chitwood in Tomato in High hills. |
| 28 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Widespread throught the country | Keshari AK 2004 |
| 29 | Nematode | Meloidogyne javanica | sugarcane eelworm | Roots | Widespread throught the country | Bhardwoj et al., 1982 |
| 30 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 31 | Nematode | Rotylenchus sp | Spiral nematode | Not reported | Central Region,Chitawan :,Eastern Region,Ilam | Amatya P and M Shrestha 1969 |
| 32 | Nematode | Trichodorus sp | Stubby root nematodes | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 33 | Nematode | Tylenchorhynchus sp | Stunt nematode | Not reported | Central Region,Bhaktapur :,Central Region,Lalitpur | Keshari AK 2004 |
| 34 | Nematode | Xiphinema sp. | Dagger nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 35 | Virus | Tomato mosaic virus | tomato mosaic | Stems, Leaves, Flowers & Inflorescence, Fruit, Whole plant | Central Region,Kathmandu | Shrestha SK and SE Albrechtsen. 1992 |
| 36 | Virus | Tomato yellow leaf curl virus | Tomato leaf curl | Stems, Leaves, Whole plant | Widespread throught the country | Anonymous. 1996. |
|  |  |  |  |  |  |  |
|  | **17. Host Name: *Mangifera indica*(Mango)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 |   | Cephaleuros sp. | Red rust of mango | Leaves, Not reported | Central Region,Sindhupalchowk | Anonymous. 1990. |
| 2 | Fungi | Corticium salmonicolor | damping off | Leaves, Flowers & Inflorescence, Fruit | Central Region,Nuwakot | Anonymous. 1995 |
| 3 | Fungi | Dothiorella dominicana, D.mangiferae | Stem end rot of Mango | Stems | Central Region,Sindhuli | Anonymous. 1997 |
| 4 | Fungi | Gibberella fujikuroi | maize stalk rot | Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Mahto B.N. 1990. |
| 5 | Fungi | Glomerella glycines | anthracnose: soybean | Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Anonymous. 1997 |
| 6 | Fungi | Graphium sp | Wood rot of mango | Stems | Not known | Anonymous. 1990. |
| 7 | Fungi | Macrophomina phaseolina | ashy stem blight | Stems, Leaves, Fruit | Central Region,Sindhuli:,Western Region,Rupandehi | Anonymous. 1990. |
| 8 | Fungi | Oidium sp. | Powdery mildew | Leaves, Flowers & Inflorescence, Fruit | Central Region,Dolkha | Anonymous. 1990. |
| 9 | Fungi | Polyporus sp | Twig blight of Mango | Stems | Widespread throught the country | Anonymous. 1997 |
| 10 | Insecta | Amritodus atkinsoni | mango leafhopper | Flowers & Inflorescence | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 11 | Insecta | Apsylla cistellata | mango shoot psyllid | Flowers & Inflorescence | Widespread throught the country | Joshi, S.L. and Manandhar, D.N.(eds) 2001 |
| 12 | Insecta | Aspidiotus destructor | coconut scale | Leaves, Fruit | Not known | Not Reported |
| 13 | Insecta | Atherigona orientalis | pepper fruit fly | Stems, Leaves, Growing point | Not known | Pont AC 1992 |
| 14 | Insecta | Attacus atlas | atlas moth | Leaves | Not known | Allen MG. 1993. |
| 15 | Insecta | Bactrocera dorsalis | Oriental fruit fly | Fruit | Widespread throught the country | R.B. Pradhan. 1970. |
| 16 | Insecta | Bactrocera dorsalis species complex | Oriental fruit fly species complex | Fruit | Not known | Drew RAI and Hancock DL. 1994. |
| 17 | Insecta | Batocera rufomaculata | mango stem-borer | Stems | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 18 | Insecta | Cadra cautella | dried currant moth | Not reported | Not known | Roesler RU. 1973. |
| 19 | Insecta | Ceroplastes japonicus | Japanese wax scale | Stems, Leaves | Not known | Not Reported |
| 20 | Insecta | Coccus hesperidum | Brown soft scale | Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Joshi, S.L. and Manandhar, D.N.(eds) 2001 |
| 21 | Insecta | Drosicha sp. | Giant mealy bug | Stems, Growing point | Widespread throught the country | Joshi, S.L. and Manandhar, D.N.(eds) 2001 |
| 22 | Insecta | Heliothrips haemorrhoidalis | black glasshouse thrips | Leaves, Flowers & Inflorescence, Fruit | Not known | Kudo I. 1995. |
| 23 | Insecta | Idioscopus clypealis | mango leafhopper | Leaves, Flowers & Inflorescence, Growing point | Not known | Viraktamath CA. 1989. |
| 24 | Insecta | Idioscopus niveosparsus | brown mango leafhopper | Flowers & Inflorescence | Widespread throught the country | Joshi, S.L. and Manandhar, D.N.(eds) 2001 |
| 25 | Insecta | Lepidosaphes beckii | Citrus mussel scale | Stems, Leaves, Flowers & Inflorescence, Fruit | Not known | Not Reported |
| 26 | Insecta | Megalurothrips distalis |   | Leaves, Flowers & Inflorescence | Not known | Varatharanjan R et al., 1992. |
| 27 | Insecta | Melanitis leda ismene | rice butterfly | Leaves | Not known | Dale D. 1994. |
| 28 | Insecta | Rastrococcus iceryoides | downey snow line mealy bug | Not reported | Central Region,Parsa | Joshi, S.L. and Manandhar, D.N.(eds) 2001 |
| 29 | Insecta | Scirpophaga excerptalis | sugarcane top borer | Stems, Leaves | Not known | Lewvanich A. 1981. |
| 30 | Insecta | Selenothrips rubrocinctus | cacao thrips | Leaves | Not known | Kudo I. 1995. |
| 31 | Insecta | Sternochetus frigidus | mango flesh weevil | Fruit | Central Region, Nuwakot, Kavre palanchok, Eastern Region Dhankuta | Joshi, S.L. and Manandhar, D.N. 2001 |
| 32 | Insecta | Toxoptera odinae | mango aphid | Leaves, Flowers & Inflorescence | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 33 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Bara | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 34 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Central Region,Bara | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 35 | Nematode | Tylenchus sp. |   | Not reported | Central Region,Bara | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
|  |  |  |  |  |  |  |
|  | **18. Host Name: *Musa paradisiaca*(Banana)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Nematode | Helicotylenchus sp. | Spiral nematode | Roots | Central Region,Chitawan | Pokharel RR 1993. Plant parasitic nematodes associated with some fruit plants in Chitwan. J. Inst. Agric. Anim. Sci. 14: 121-122. |
| 2 | Nematode | Hoplolaimus sp. | Lance Nematode | Not reported | Central Region,Chitawan | Pokharel RR 1993. Plant parasitic nematodes associated with some fruit plants in Chitwan. J. Inst. Agric. Anim. Sci. 14: 121-122. |
| 3 | Nematode | Longidorus sp. | Needle nematode | Not reported | Widespread throught the country | Amatya P and M Shrestha 1969 |
| 4 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5.; Pokharel RR 1993. Plant parasitic nematodes associated with some fruit plants in Chitwan. J. Inst. Agric. Anim. Sci. 14: 121-122. |
| 5 | Nematode | Pratylenchus sp. | Root lesion nematode | Roots | Central Region,Chitawan | Pokharel RR 1993. Plant parasitic nematodes associated with some fruit plants in Chitwan. J. Inst. Agric. Anim. Sci. 14: 121-122. |
| 6 | Nematode | Radopholus sp. | Burrowing Nematode | Roots | Central Region,Chitawan | Pokharel RR 1993. Plant parasitic nematodes associated with some fruit plants in Chitwan. J. Inst. Agric. Anim. Sci. 14: 121-122. |
| 7 | Nematode | Rotylenchulus sp. | Reniform Nematode | Roots | Central Region,Chitawan | Pokharel RR 1993. Plant parasitic nematodes associated with some fruit plants in Chitwan. J. Inst. Agric. Anim. Sci. 14: 121-122. |
|  |  |  |  |  |  |  |
|  | **19. Host Name: *Musa spp*(Banana)** |  |  |  |  |
|  |  |  |  |  |  |  |
| S.N. | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Cladosporium musae | Banana cladosporium | Leaves | Eastern Region,Morang | Khadka B.B. and S. M.Shah. 1967 |
| 2 | Fungi | Fusarium oxysporum f.sp.cubense | Banana wilt | Leaves, Whole plant | Widespread throught the country | Manandhar H K K Shrestha and P Amatya. 1992. |
| 3 | Fungi | Guignardia musae | Banana phyllostictina | Leaves, Fruit | Central Region,Na | Khadka et al., 1967 |
| 4 | Fungi | Verticillium theobromae | cigar end rot of banana | Not reported | Western Region,Nawalparasi | Anonymous. 1997 |
| 5 | Insecta | Apion (Conapion) gagatinum | Pod weevil | Not reported | Western Region,Kaski | Joshi, S.L. and D.N. Manandhar. 2001. |
| 6 | Insecta | Aspidiotus destructor | coconut scale | Not reported | Not known | Not Reported |
| 7 | Insecta | Atherigona orientalis | pepper fruit fly | Not reported | Not known | Pont AC 1992 |
| 8 | Insecta | Bactrocera dorsalis | Oriental fruit fly | Fruit | Not known | Drew RAI and Hancock DL. 1994. |
| 9 | Insecta | Bactrocera dorsalis species complex | Oriental fruit fly species complex | Fruit | Not known | Drew RAI and Hancock DL. 1994. |
| 10 | Insecta | Cnaphalocrocis medinalis | rice leaf folder | Not reported | Not known | Barrion AT et al., 1991. |
| 11 | Insecta | Cosmopolites sordidus | Rhizome borer | Stems, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 12 | Insecta | Erionota thrax | palm redeye | Leaves | Widespread throught the country | Joshi, S.L. and D.N. Manandhar. 2001. |
| 13 | Insecta | Eudocima fullonia | fruit-piercing moth | Fruit | Not known | Banziger H. 1987. |
| 14 | Insecta | Lepidosaphes beckii | Citrus mussel scale | Leaves, Fruit | Not known | Not Reported |
| 15 | Insecta | Locusta migratoria |   | Leaves | Not known | Uvarov BP. 1925. |
| 16 | Insecta | Melanitis leda ismene | rice butterfly | Leaves | Not known | Dale D. 1994. |
| 17 | Insecta | Nodostoma sp. | Flea beetle | Leaves, Fruit | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 18 | Insecta | Odoiporus longicollis | banana stem weevil | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 19 | Insecta | Pentalonia nigronervosa | banana aphid | Growing point | Eastern Region,Ilam :,Eastern Region,Panchthar | Sharma, K.C. 1981/82. and Sharma, K.C. 1968. |
| 20 | Insecta | Ramakrishnothrips cardamomi | Thrips | Not reported | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 21 | Insecta | Stephanitis typica | Lace wing bug | Leaves | Central Region,Chitawan | Joshi S.L. and D.N. Manandhar 2001 |
| 22 | Insecta | Tyrophagus putrescentiae | cereal mite | Not reported | Not known | Haines CP. 1974. |
| 23 | Virus | Banana Bunchy Top Virus (BBTV) | Banana bunchy top | Leaves, Whole plant | Widespread throught the country | Mahto B N. 1980 |
|  |  |  |  |  |  |  |
|  | **20. Host Name: *Oryza sativa*(Rice)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | Xanthomonas campestris pv. oryzicola | Bacterial leaf sreak of rice | Leaves | Tarai and inner tarai | Manandhar HK . 1987. |
| 2 | Bacterium | Xanthomonas oryzae pv. oryzae | bacterial leaf blight of rice | Stems, Leaves, Whole plant | Widespread throught the country | Khadka et al., 1968 |
| 3 | Fungi | Alternaria padwickii | Pink kernel/grain discolorationof rice/Stackburn of rice | Seeds | Widespread throught the country | Shrestha K . 1972 |
| 4 | Fungi | Balansia oryzae sativae | Udbata disease of rice | Seeds | Eastern Region,Khotang | Anonymous. 2003. |
| 5 | Fungi | Cochliobolus miyabeanus | Brown spot of rice | Seeds, Stems, Leaves, Flowers & Inflorescence, Roots, Whole plant | Widespread throught the country | Khadka B.B. and S.M.Shah. 1967. Preliminazry list of plant diseases recorded in Nepal. Nep.J.Agric.2 :47-76 |
| 6 | Fungi | Gibberella fujikuroi | Foot rot or Bakane disease of rice | Whole plant | Widespread throught the country | Shrestha K. 1971. |
| 7 | Fungi | Magnaporthe grisea | rice blast disease | Whole plant | Widespread throught the country | Khadka et al., 1967 |
| 8 | Fungi | Magnaporthe salvinii | Stem rot of rice | Stems | Widespread throught the country | Manandhar HK . 1987. |
| 9 | Fungi | Monographella albescens | brown leaf blight | Leaves | Widespread throught the country | Thapa BJ BP Upadyay. 1980 |
| 10 | Fungi | Sarocladium oryzae | Sheath rot of rice | Stems, Flowers & Inflorescence | Widespread throught the country | Manandhar HK . 1987. |
| 11 | Fungi | Sphaerulina oryzina | Narrow brown leaf spot of rice | Stems, Leaves, Fruit | Widespread throught the country | Anonymous. 1974. |
| 12 | Fungi | Thanatephorus cucumeris (Frank) Donk | Sheath blight ofrice | Stems, Leaves | Widespread throught the country | Shah SM . 1975. |
| 13 | Fungi | Ustilaginoidea virens | False smut of rice | Flowers & Inflorescence, Fruit | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 14 | Insecta | Atherigona orientalis | pepper fruit fly | Stems | Not known | Pont AC 1992 |
| 15 | Insecta | Brevennia rehi | rice mealy bug | Stems | Central Region,Dhanusa :,Central Region,Sarlahi | Joshi S.L. and D.N. Manandhar 2001 |
| 16 | Insecta | Cadra cautella | dried currant moth | Seeds | Not known | Roesler RU. 1973. |
| 17 | Insecta | Chilo polychrysus | dark-headed striped borer | Stems | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 18 | Insecta | Chilo suppressalis | striped rice stem borer | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 19 | Insecta | Cnaphalocrocis medinalis | rice leaf folder | Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 20 | Insecta | Cofana spectra | white leafhopper | Stems, Leaves | Not known | Young DA. 1979. |
| 21 | Insecta | Corcyra cephalonica | rice meal moth | Seeds | Not known | Hodges RJ. 1979. |
| 22 | Insecta | Dicladispa armigera | rice hispa | Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 23 | Insecta | Heteronychus lioderes |   | Stems, Roots | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 24 | Insecta | Hydrellia griseola | rice leaf miner | Stems | Not known | Zatwarnicki T. 1988. |
| 25 | Insecta | Laodelphax striatellus |   | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 26 | Insecta | Leptocorisa acuta | rice seed bug | Seeds, Flowers & Inflorescence | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 27 | Insecta | Leptocorisa chinensis | corbett rice, bug | Seeds, Flowers & Inflorescence | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 28 | Insecta | Leptocorisa oratorius | slender rice bug or gundy bug | Seeds, Flowers & Inflorescence | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 29 | Insecta | Locusta migratoria |   | Whole plant | Not known | Uvarov BP. 1925. |
| 30 | Insecta | Melanitis leda ismene | rice butterfly | Leaves | Not known | Dale D. 1994. |
| 31 | Insecta | Nephotettix nigropictus | rice green jassid | Stems, Leaves | Widespread throught the country | Detention Survey |
| 32 | Insecta | Nephotettix virescens | green leafhopper (GLH) | Stems, Leaves | Widespread throught the country | Detention Survey |
| 33 | Insecta | Nilaparvata lugens | Brown planthopper | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 34 | Insecta | Nymphula depunctalis |   | Leaves | Central Region,Makwanpur | Joshi S.L. and D.N. Manandhar 2001 |
| 35 | Insecta | Orseolia oryzae | rice fly | Stems | Widespread throught the country | Joshi S.L. 1986. |
| 36 | Insecta | Oryzaephilus surinamensis | saw toothed grain beetle | Seeds | Not known | Champ BR and Dyte CE. 1976. |
| 37 | Insecta | Pyrilla perpusilla | sugarcane planthopper | Stems, Leaves, Growing point | Central Region,Bara :,Central Region,Parsa :,Central Region,Rautahat :,Central Region,Dhanusa :,Eastern Region,Morang:,Eastern Region,Sunsari | Neupane FP. 1976. |
| 38 | Insecta | Recilia dorsalis | brown-banded rice leafhopper | Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 39 | Insecta | Rhopalosiphum rufiabdominale |   | Roots | Central Region,Lalitpur | Sharma KC. 1968. |
| 40 | Insecta | Rhyzopertha dominica |   | Seeds | Not known | Taylor RWD and Halliday D. 1986. |
| 41 | Insecta | Saccharicoccus sacchari | grey sugarcane mealybug | Stems, Leaves | Not known | Pradhan SB. 1981. |
| 42 | Insecta | Scirpophaga incertulas |   | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 43 | Insecta | Scirpophaga innotata | white rice stem borer | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 44 | Insecta | Scirpophaga nivella | paddy stemborer | Stems | Not known | Lewvanich A. 1981. |
| 45 | Insecta | Sesamia inferens | Asiatic pink stem borer | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 46 | Insecta | Sitophilus oryzae | Rice weevil | Seeds | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 47 | Insecta | Sitophilus zeamais | greater grain weevil | Seeds | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 48 | Insecta | Sitotroga cerealella | grain moth | Seeds | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 49 | Insecta | Sogatella furcifera | rice planthopper | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 50 | Insecta | Tyrophagus putrescentiae | cereal mite | Not reported | Not known | Haines CP. 1974. |
| 51 | Nematode | Aphelenchoides besseyi | rice leaf nematode | Seeds, Leaves, Flowers & Inflorescence | Central Region,Kathmandu :,Central Region,Bara | Sharma-Poudyal et al 2002 |
| 52 | Nematode | Criconemella onoensis |   | Not reported | Central Region,Chitawan :,Western Region,Nawalparasi:,Mid Western Region,Bardiya | Sharma et al., 2001 |
| 53 | Nematode | Helicotylenchus astriatus | Spiral nematode | Not reported | Central Region,Chitawan :,Central Region,Lalitpur:,Western Region,Nawalparasi:,Mid Western Region,Bardiya | Sharma et al., 2001 |
| 54 | Nematode | Helicotylenchus dihystera | common spiral nematode | Not reported | Central Region,Chitawan :,Central Region,Kathmandu :,Central Region,Lalitpur | Sharma et al., 2001 |
| 55 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Chitawan :,Central Region,Kathmandu | Pokharel RR 2001 |
| 56 | Nematode | Hemicycliophora sp. | Sheath Nematode | Not reported | Western Region,Lamjung :,Western Region,Gorkha | Pokharel RR 2001 |
| 57 | Nematode | Heterodera graminis | Cyst nematode | Not reported | Central Region,Kathmandu :,Western Region,Kaski :,Western Region,Rupandehi | Sharma et al., 2001 |
| 58 | Nematode | Heterodera mothi | Cyst nematode | Not reported | Mid Western Region,Bardiya | Sharma et al., 2001 |
| 59 | Nematode | Hirschmanniella mucronata | Rice root nematode | Roots | Widespread throught the country | Sharma-Poudyal et al 2002 |
| 60 | Nematode | Hirschmanniella oryzae | rice root nematode | Roots | Widespread throught the country | Sharma-Poudyal et al 2002 |
| 61 | Nematode | Hoplolaimus indicus | lance nematode | Not reported | Central Region,Chitawan :,Western Region,Rupandehi :,Mid Western Region,Bardiya | Sharma et al., 2001 |
| 62 | Nematode | Longidorus sp. | Needle nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 63 | Nematode | Meloidogyne graminicola | rice root knot nematode | Roots | Widespread throught the country | Sharma-Poudyal et al 2002 |
| 64 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Central Region,Bara :,Central Region,Parsa :,Central Region,Rautahat :,Central Region,Chitawan :,Western Region,Lamjung :,Western Region,Tanahu:,Western Region,Gorkha | Sharma-Poudyal et al 2002 |
| 65 | Nematode | Radopholus sp. | Burrowing Nematode | Not reported | Central Region,Lalitpur | Amatya P and M Shrestha 1969 |
| 66 | Nematode | Rotylenchus sp | Spiral nematode | Not reported | Central Region,Dhading :,Central Region,Chitawan | Pokharel RR 2001 |
| 67 | Nematode | Tylenchorhynchus sp | Stunt nematode | Not reported | Central Region,Chitawan :,Western Region,Rupandehi | Pokharel RR 2001 |
| 68 | Virus | Rice dwarf virus | dwarf disease of rice | Leaves | Widespread throught the country | John VT MH Hew DN Manandhar and RB Pradhan. 1978. |
| 69 | Virus | Rice Tungro Virus (RTV) | Rice tungro virus | Leaves | Widespread throught the country | Manandhar HK . 1987. |
|  |  |  |  |  |  |  |
|  | **21. Host Name: *Pisum sativum*(Pea)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | Pseudomonas syringae pv. pisi | bacterial: pea blight | Stems, Leaves | Central Region,Kathmandu | Khadka et al., 1968 |
| 2 | Fungi | Ascochyta pisi | blight: pea | Stems, Leaves, Not reported | Central Region,Kathmandu :,Central Region,Makwanpur | Khadka et al., 1967 |
| 3 | Fungi | Colletotrichum lindemuthianum | Black dot rot of tomato/Anthracnose of pea | Stems, Leaves, Whole plant | Central Region,Bara | Anonymous. 2001. |
| 4 | Fungi | Erysiphe betae | Powdery mildew of Pea | Stems, Leaves, Not reported | Central Region,Makwanpur | Khadka et al., 1967 |
| 5 | Fungi | Fusarium oxysporum f.sp. pisi | fusarium wilt of pea | Stems, Leaves, Roots | Central Region,Bhaktapur | Anonymous 1995 |
| 6 | Fungi | Mycosphaerella sp. | Leaf spot of cardamum | Leaves | Central Region,Makwanpur | Anonymous 1990 |
| 7 | Fungi | Oidium sp. | Powdery mildew | Not reported | Central Region | Khadka et al., 1967 |
| 8 | Fungi | Thanatephorus cucumeris (Frank) Donk | Sheath blight ofrice | Stems, Leaves, Roots | Central Region,Makwanpur | Anonymous. 1996. |
| 9 | Fungi | Uromyces viciae-fabae | Rust of pea/Rust of lentil | Stems, Leaves | Central Region,Bara | Anonymous 1990 |
| 10 | Insecta | Acyrthosiphon pisum |   | Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Sharma K.C. 1965. |
| 11 | Insecta | Amrasca |   | Stems, Leaves | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 12 | Insecta | Autographa nigrisigna | Asiatic common looper | Leaves | Not known | Yashimoto H. 1993. |
| 13 | Insecta | Bruchus pisorum | pea weevil | Seeds | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 14 | Insecta | Callosobruchus sp |   | Stems | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 15 | Insecta | Chromatomyia horticola | cruciferous leaf miner | Leaves, Growing point | Widespread throught the country | Mandal C.K. and F.P. Neupane. 1993. |
| 16 | Insecta | Lampides boeticus |   | Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 17 | Insecta | Megalurothrips distalis |   | Leaves, Flowers & Inflorescence, Fruit | Not known | Varatharanjan R et al., 1992. |
| 18 | Insecta | Megalurothrips usitatus | bean flower thrips | Flowers & Inflorescence | Not known | Reyes CP. 1994. |
| 19 | Insecta | Ophiomyia phaseoli | agromyzid fly | Stems | Widespread throught the country | Joshi S.L. 1994. |
| 20 | Insecta | Taeniothrips flavidulus | Pea thrips | Stems, Leaves, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 21 | Insecta | Thrips flavus | apple blossom thrips | Flowers & Inflorescence | Not known | Not Reported |
| 22 | Nematode | Aphelenchus sp. |   | Not reported | Central Region,Bara | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 23 | Nematode | Longidorus sp. | Needle nematode | Not reported | Widespread throught the country | Amatya P and M Shrestha 1969 |
| 24 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 25 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Central Region,Bara | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 26 | Nematode | Radopholus sp. | Burrowing Nematode | Not reported | Central Region,Bara | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 27 | Virus | Pea seed-borne mosaic virus | Peamosaic/Pea seed borne mosaic virus of lentil | Stems, Leaves | Central Region,Dolkha :,Central Region,Bara | Shrestha SK and SE Albrechtsen. 1992 |
|  |  |  |  |  |  |  |
|  | **22. Host Name: *Raphanus sativus* (Radish)** |  |  |  |  |
|  |  |  |  |  |  |  |
| S.N. | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | Pseudomonas viridiflava | Brown rot of radish | Storage organs (bulbs, tubers, corms, rhizomes) | Not known | Thapa BJ and HK Manandhar. 1992. |
| 2 | Fungi | Albugo candida | White rust of crucifers/radish | Stems, Leaves | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 3 | Fungi | Alternaria brassicae ,A.brassicicola | Leaf spot of mustard/Blight of radish | Leaves, Whole plant | Widespread throught the country | Khadka B.B. S.M.Shah. 1967 |
| 4 | Fungi | Cladosporium sp. | Kernel rot of lradish | Storage organs (bulbs, tubers, corms, rhizomes) | Not known | Shrestha K. 1984 |
| 5 | Fungi | Penicillium spp | Seed deterioration of radish | Seeds | Not known | Shrestha K. 1984 |
| 6 | Fungi | Thanatephorus cucumeris (Frank) Donk | Sheath blight ofrice | Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Anonymous 1991 |
| 7 | Insecta | Agonoscelis sp. | Stink bug | Leaves, Fruit | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 8 | Insecta | Amrasca biguttula biguttula | green jassid | Leaves | Not known | Thapa VK. 1983. |
| 9 | Insecta | Autographa nigrisigna | Asiatic common looper | Leaves | Not known | Yashimoto H. 1993. |
| 10 | Insecta | Chaetocnema minuta | Flea beetle | Leaves, Roots | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 11 | Insecta | Chromatomyia horticola | cruciferous leaf miner | Leaves | Not known | Sasakawa M. 1979. |
| 12 | Insecta | Dorylus orientalis | oriental army ant | Roots | Widespread throught the country | Joshi S.L. 1998. |
| 13 | Insecta | Eurydema sp. |   | Leaves, Fruit | Central Region,Lalitpur:,Mid Western Region,Jumla | Joshi S.L. and D.N. Manandhar 2001 |
| 14 | Insecta | Lipaphis erysimi | Mustard aphid | Stems, Leaves, Flowers & Inflorescence, Fruit | Widespread throught the country | Sharma K.C. 1965. |
| 15 | Insecta | Monolepta signata |   | Stems, Leaves | Central Region,Kathmandu | Joshi S.L. and D.N. Manandhar 2001 |
| 16 | Insecta | Phyllotreta striolata | cabbage flea beetle | Leaves, Flowers & Inflorescence, Fruit, Roots, Growing point | Not known | Medvedev LN. 1984. |
| 17 | Insecta | Thrips flavus | apple blossom thrips | Flowers & Inflorescence | Not known | Not Reported |
| 18 | Nematode | Criconemella sp | Ring nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes inNepal. Nepalese J. Agric. 4: 17-27. |
| 19 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 20 | Nematode | Heterodera sp | Cyst nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 21 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 22 | Nematode | Meloidogyne javanica | sugarcane eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
|  |  |  |  |  |  |  |
|  | **23. Host Name: *Solanum tuberosum*(Potato)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | Clavibacter michiganensis subsp. sepedonicus | Ring rot of potato | Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Khadka B.B. S. M. Shah and K Lawat. 1968 |
| 2 | Bacterium | Erwinia carotovora subsp. atroseptica | Black leg or soft soft of potato | Stems, Leaves, Roots, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 3 | Bacterium | Ralstonia solanacearum | bacterial wilt of potato | Stems, Flowers & Inflorescence, Roots, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 4 | Bacterium | Streptomyces scabiei | potato scab | Leaves, Roots, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Khadka B.B. S.M.Shah. 1967 |
| 5 | Fungi | Alternaria solani | early blight of potato and tomato | Stems, Leaves, Roots, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 6 | Fungi | Alternaria tenuissima | Nailhead spot: potatato | Leaves | Central Region,Chitwan:,Central Region,Lalitpur | Khadka B.B. S. M. Shah and K Lawat. 1968 |
| 7 | Fungi | Cercospora solanicola |   | Stems, Leaves | Central Region,Bara | Anonymous 2000 |
| 8 | Fungi | Cladosporium tenuissimum |   | Leaves | Central Region,Lalitpur | Khadka B.B. S. M. Shah and K Lawat. 1968 |
| 9 | Fungi | Phytophthora infestans | blight of potato | Seeds, Stems, Leaves, Flowers & Inflorescence, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Khadka B.B. S.M.Shah. 1967 |
| 10 | Fungi | Synchytrium endobioticum | black wart of potato | Leaves, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 11 | Fungi | Thanatephorus cucumeris (Frank) Donk | Sheath blight ofrice | Stems, Leaves, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 12 | Insecta | Agrotis ipsilon |   | Stems, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 13 | Insecta | Agrotis segetum | black cutworm | Stems, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Joahi, S.L. and Manandhar, D.N. (eds.). 2001. |
| 14 | Insecta | Amrasca biguttula biguttula | green jassid | Stems, Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 15 | Insecta | Autographa nigrisigna | Asiatic common looper | Leaves | Not known | Yashimoto H. 1993. |
| 16 | Insecta | Dorylus orientalis | oriental army ant | Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Joshi S.L. 1998. |
| 17 | Insecta | Epicauta hirtipes | Potato blister beetle | Leaves | Widespread throught the country | Detention Survey |
| 18 | Insecta | Epilachna vigintioctopunctata | Epilachna beetle | Leaves | Widespread throught the country | Canepari C. 1997. |
| 19 | Insecta | Megalurothrips usitatus | bean flower thrips | Flowers & Inflorescence | Not known | Reyes CP. 1994. |
| 20 | Insecta | Myzus persicae | Cabbage aphid | Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 21 | Insecta | Phthorimaea operculella | potato moth | Stems, Leaves, Storage organs (bulbs, tubers, corms, rhizomes) | Central Region,Bhaktapur :,Central Region,Dhanusa :,Central Region,Dolakha :,Central Region,Bara :,Central Region,Kathmandu :,Central Region,Lalitpur:,Central Region,Makwanpur :,Central Region,Nuwakot:,Central Region,Dhanusha, Bara:,Western Region,Arghaka | Joshi S.L. and D.N. Manandhar 2001 |
| 22 | Insecta | Rhopalosiphoninus latysiphon | bulb and potato, aphid | Storage organs (bulbs, tubers, corms, rhizomes) | Central Region,Lalitpur | Joshi S.L. and D.N. Manandhar 2001 |
| 23 | Insecta | Rhopalosiphum rufiabdominale |   | Roots | Central Region,Kathmandu | Sharma KC. 1968. |
| 24 | Insecta | Taeniothrips flavidulus | Pea thrips | Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 25 | Insecta | Thrips flavus | apple blossom thrips | Flowers & Inflorescence | Not known | Not Reported |
| 26 | Insecta | Thrips palmi | melon thrips | Leaves | Central Region,Sarlahi | Joshi S.L. and D.N. Manandhar 2001 |
| 27 | Insecta | Thysanoplusia orichalcea | fax caterpillar | Leaves | Central Region,Kathmandu :,Western Region,Gorkha | Joshi S.L. and D.N. Manandhar 2001 |
| 28 | Nematode | Aphelenchoides sp. | Foliar nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 29 | Nematode | Aphelenchus sp. |   | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 30 | Nematode | Criconemella sp | Ring nematode | Not reported | Central Region,Chitawan :,Central Region,Bhaktapur :,Central Region,Kathmandu | Keshari AK 2004 |
| 31 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Bhaktapur :,Central Region,Chitawan :,Central Region,Kathmandu :,Central Region,Lalitpur | Keshari AK 2004 |
| 32 | Nematode | Heterodera sp | Cyst nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 33 | Nematode | Longidorus sp. | Needle nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 34 | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 35 | Nematode | Meloidogyne javanica | sugarcane eelworm | Roots | Central Region,Chitawan | Bhardwoj LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
| 36 | Nematode | Paralongidorus sp | Needle nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 37 | Nematode | Paratylenchus sp | Pin nematode | Not reported | Not known | Manandhar HK and P Amatya, 1987. Plant parasitic nematodes in Nepal. International Nematology Network Newsletter 4:30-34. |
| 38 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Central Region,Bhaktapur :,Central Region,Kathmandu :,Central Region,Lalitpur | Keshari AK 2004 |
| 39 | Nematode | Tylenchorhynchus sp | Stunt nematode | Not reported | Central Region,Bhaktapur :,Central Region,Chitawan :,Central Region,Kathmandu :,Central Region,Lalitpur | Keshari AK 2004 |
| 40 | Nematode | Tylenchus sp. |   | Not reported | Central Region,Bhaktapur :,Central Region,Kathmandu | Keshari AK 2004 |
| 41 | Nematode | Xiphinema sp. | Dagger nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
|  |  |  |  |  |  |  |
|  | **24. Host Name: *Swertia chirata*(Chiraita)** |  |  |  |  |
|  |  |  |  |  |  |  |
| S.N. | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Alternaria sp | Leaf spot of Chirata | Leaves | Eastern Region, Dhankuta | Anonymous. 1995. |
|  |  |  |  |  |  |  |
|  | **25. Host Name: *Triticum aestivum*(Wheat)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | Alternaria alternata | alternaria leaf spot of wheat | Seeds | Widespread throught the country | Manandhar H K K Shrestha and P Amatya. 1992. |
| 2 | Fungi | Cochliobolus sativus | spot blotch of grasses/rice | Seeds, Stems, Leaves, Flowers & Inflorescence, Roots | Widespread throught the country | Anonymous. 1990a. |
| 3 | Fungi | Corticium rolfsii | Sclerotium wilt of wheat and Tomato | Roots, Whole plant | Widespread throught the country | Anonymous. 1989. |
| 4 | Fungi | Erysiphe graminis f.sp. tritici | powdery mildew: wheat | Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Anonymous. 1980.Annual Report. NWRP |
| 5 | Fungi | Puccinia graminis | Wheat stem rust | Stems, Leaves | Western and Farwestern Region,Rupandehi and Jumla | Anonymous. 1989. |
| 6 | Fungi | Puccinia striiformis | Yellow rust | Leaves | Widespread throught the country | Amatya P G Dahal and HK Manandhar. 1992 |
| 7 | Fungi | puccinia triticina | Leaf rust of wheat | Leaves | Widespread throught the country | Manandhar H K K Shrestha and P Amatya. 1992. |
| 8 | Fungi | Pyrenophora tritici-repentis | Leaf spot of wheat | Seeds, Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Anonymous. 1973. |
| 9 | Fungi | Sclerotinia sclerotiorum | White blight of mustard/Wilt /collar rot/ White blight (Sclerotinia stem rot)Stem rot of lentil | Roots | Widespread throught the country | Anonymous. 1989a. |
| 10 | Fungi | Tilletia indica | Karnal bunt of wheat | Seeds | Farwestern region,Doti | Manandhar H K K Shrestha and P Amatya. 1992. |
| 11 | Fungi | Tilletia laevis | Common bunt of wheat | Seeds | Widespread throught the country | Anonymous. 1992. |
| 12 | Fungi | Urocystis agropyri | flag smut of wheat | Leaves | Eastern Region,Doti | Anonymous. 1995a. |
| 13 | Fungi | Ustilago nuda f.sp. tritici | loose wheat smut | Seeds, Flowers & Inflorescence | Widespread throught the country | Manandhar H K K Shrestha and P Amatya. 1992. |
| 14 | Fungus | Gibberella zeae | Crown rot of wheat | Seeds, Stems, Flowers & Inflorescence | Central Region,Kathmandu | Anonymous 2005 |
| 15 | Insecta | Anaphothrips sudanensis |   | Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 16 | Insecta | Anthrenus coloratus |   | Seeds | Central Region,Kathmandu | Joshi, S.L. and Manandhar, D.N. 2001. |
| 17 | Insecta | Atherigona orientalis | pepper fruit fly | Stems | Not known | Pont AC 1992 |
| 18 | Insecta | Atherigona soccata | sorghum stem fly | Stems | Not known | Shinonaga and Singh. 1994. |
| 19 | Insecta | Cadra cautella | dried currant moth | Seeds | Not known | Roesler RU. 1973. |
| 20 | Insecta | Cnaphalocrocis medinalis | rice leaf folder | Leaves | Not known | Barrion AT et al., 1991. |
| 21 | Insecta | Corcyra cephalonica | rice meal moth | Seeds | Not known | Hodges RJ. 1979. |
| 22 | Insecta | Ephestia elutella | chocolate moth | Seeds | Not known | Roesler RU. 1973. |
| 23 | Insecta | Haplothrips tolerabilis |   | Leaves, Flowers & Inflorescence | Central Region,Kathmandu | Joshi, S.L. and Manandhar, D.N. 2001. |
| 24 | Insecta | Helicoverpa armigera | cotton bollworm | Leaves | Not known | Roesler RU. 1973. |
| 25 | Insecta | Locusta migratoria |   | Leaves | Not known | Uvarov BP. 1925. |
| 26 | Insecta | Menida histrio |   | Stems, Leaves | Central Region,Kathmandu :,Central Region,Bara | Joshi, S.L. and Manandhar, D.N. 2001. |
| 27 | Insecta | Nephotettix nigropictus | rice green jassid | Stems, Leaves | Central Region,Kathmandu | Joshi, S.L. and Manandhar, D.N. 2001. |
| 28 | Insecta | Nezara antennata | green stink bug | Stems, Leaves | Central Region,Kathmandu :,Central Region,Kathmandu | Joshi, S.L. and Manandhar, D.N. 2001. |
| 29 | Insecta | Oryzaephilus surinamensis | saw toothed grain beetle | Seeds | Not known | Champ BR and Dyte CE. 1976. |
| 30 | Insecta | Pyrilla perpusilla | sugarcane planthopper | Leaves | Central Region,Lalitpur | Joshi, S.L. and Manandhar, D.N. 2001. |
| 31 | Insecta | Rhizopertha dominica | Lesser grain borer | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. (eds.). 2001 |
| 32 | Insecta | Rhyzopertha dominica |   | Seeds | Not known | Taylor RWD and Halliday D. 1986. |
| 33 | Insecta | Schizaphis graminum | greenbug | Leaves, Flowers & Inflorescence | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 34 | Insecta | Sesamia inferens | Asiatic pink stem borer | Stems | Widespread throught the country | Entomology Section. 1966/67. |
| 35 | Insecta | Sitobion avenae | English grain aphid | Leaves | Widespread throught the country | Joshi S.L. and D.N. Manandhar 2001 |
| 36 | Insecta | Sitophilus oryzae | Rice weevil | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 37 | Insecta | Sitophilus zeamais | greater grain weevil | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 38 | Insecta | Thaia oryzivora | orange rice leafhopper | Leaves | Central Region,Kathmandu | Joshi, S.L. and Manandhar, D.N. 2001. |
| 39 | Insecta | Thrips flavus | apple blossom thrips | Flowers & Inflorescence | Not known | Not Reported |
| 40 | Insecta | Tribolium castaneum | red flour beetle | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 41 | Insecta | Tyrophagus putrescentiae | cereal mite | Not reported | Not known | Haines CP. 1974. |
| 42 | Mites | Byrobia sp. | Spider mite | Stems, Leaves, Flowers & Inflorescence | Central Region,Kathmandu | Joshi, S.L. and Manandhar, D.N. 2001. |
| 43 | Nematode | Anguina tritici | bunted wheat | Seeds | Western Region,Nawalparasi:,Western Region,Rupandehi | Amatya P and M Shrestha 1969 |
| 44 | Nematode | Aphelenchoides sp. | Foliar nematode | Not reported | Central Region,Bara :,Central Region,Chitawan :,Central Region,Rautahat | Sharma-Poudyal et al 2002 |
| 45 | Nematode | Aphelenchus sp. |   | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 46 | Nematode | Criconemella onoensis |   | Not reported | Central Region,Chitawan :,Mid Western Region,Bardiya :,Western Region,Nawalparasi | Sharma et al., 2001 |
| 47 | Nematode | Helicotylenchus astriatus | Spiral nematode | Not reported | Mid Western Region,Bardiya :,Western Region,Nawalparasi | Sharma et al., 2001 |
| 48 | Nematode | Helicotylenchus dihystera | common spiral nematode | Not reported | Central Region,Chitawan :,Central Region,Kathmandu | Sharma et al., 2001 |
| 49 | Nematode | Heterodera graminis | Cyst nematode | Not reported | Central Region,Kathmandu :,Western Region,Kaski :,Western Region,Rupandehi | Sharma et al., 2001 |
| 50 | Nematode | Heterodera mothi | Cyst nematode | Not reported | Mid Western Region,Bardiya | Sharma et al., 2001 |
| 51 | Nematode | Hirschmanniella mucronata | Rice root nematode | Not reported | Central Region,Bara :,Central Region,Parsa :,Central Region,Rautahat | Sharma-Poudyal et al 2002 |
| 52 | Nematode | Hirschmanniella oryzae | rice root nematode | Not reported | Central Region,Bara :,Central Region,Chitawan :,Central Region,Rautahat | Sharma-Poudyal et al 2002 |
| 53 | Nematode | Hoplolaimus indicus | lance nematode | Not reported | Western Region,Rupandehi :,Mid Western Region,Bardiya :,Central Region,Chitawan | Sharma et al., 2001 |
| 54 | Nematode | Longidorus sp. | Needle nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 55 | Nematode | Meloidogyne graminicola | rice root knot nematode | Roots | Central Region,Kathmandu :,Central Region,Dhading :,Mid Western Region,Bardiya :,Western Region,Kaski :,Central Region,Bara :,Central Region,Parsa :,Central Region,Rautahat | Sharma-Poudyal et al 2002 |
| 56 | Nematode | Pratylenchus sp. | Root lesion nematode | Not reported | Central Region,Bara :,Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 57 | Nematode | Radopholus sp. | Burrowing Nematode | Not reported | Central Region,Chitawan :,Central Region,Bara | Amatya P and M Shrestha 1969 |
| 58 | Nematode | Tylenchorhynchus mashhoodi | Stunt nematode | Not reported | Central Region,Bara :,Central Region,Chitawan :,Central Region,Parsa :,Western Region,Rupandehi :,Mid Western Region,Bardiya | Sharma et al., 2001 |
| 59 | Nematode | Tylenchulus sp | Citrus nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 60 | Nematode | Xiphinema sp. | Dagger nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha 1969 |
| 61 | Virus | Barley yellow dwarf viruses | barley yellow dwarf of wheat | Leaves | Western Region,Rupandehi | Anonymous. 1992. |
|  |  |  |  |  |  |  |
|  | **26. Host Name: *Vicia faba*(Broad bean)** |  |  |  |  |
|  |  |  |  |  |  |  |
|  | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
|  | Nematode | Meloidogyne incognita | root-knot eelworm | Roots | Central Region,Chitawan | Bhardwoj et al., 1982 |
|  |  |  |  |  |  |  |
|  | **27. Host Name: *Zea mays*(Maize)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 |   | Erwinia stewartii | Bacterial stewart wilt of maize | Stems, Leaves, Whole plant | Widespread throught the country | Manandhar KL. 1983. |
| 2 | Bacterium | Acidovorax avenae subsp. avenae | Bacterial leaf blight | Seeds, Stems, Leaves, Whole plant | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 3 | Bacterium | Erwinia chrysanthemi pv. zeae | bacterial stalk rot | Stems, Leaves, Whole plant | Widespread throught the country | Thapa BJ and HK Manandhar. 1992. |
| 4 | Fungi | Cercospora zeae-maydis | grey leaf spot | Leaves | Not known | Anonymous. 2001. |
| 5 | Fungi | Cochliobolus heterostrophus | maydis leaf blight | Leaves | Mid Western Region,Rapti | Khadka B.B. and S. M.Shah. 1967 |
| 6 | Fungi | Cochliobolus lunatus |   | Leaves | Widespread throught the country | Khadka B.B. and S. M.Shah. 1967 |
| 7 | Fungi | Colletotrichum graminicola | anthracnose of cereals/Anthracnose of maize | Stems, Leaves | Widespread throught the country | Anonymous. 2001. |
| 8 | Fungi | Gibberella fujikuroi | maize stalk rot | Seeds | Widespread throught the country | Anonymous 1990 |
| 9 | Fungi | Khuskia oryzae | Cob rot of maize | Seeds, Leaves | Not known | Anonymous. 2001. |
| 10 | Fungi | Khuskia oryzae | Cob rot of maize | Stems, Whole plant | Widespread throught the country | Anonymous 1990 |
| 11 | Fungi | Physoderma maydis | brown spot of corn | Stems, Leaves | Widespread throught the country | Anonymous. 1999. |
| 12 | Fungi | Puccinia sorghi | common corn rust | Leaves, Whole plant | Widespread throught the country | Anonymous. 1999. |
| 13 | Fungi | Rhizoctonia zeae | root rot: maize | Roots | Widespread throught the country | Anonymous. 1999. |
| 14 | Fungi | Sphacelotheca reiliana | head smut of maize | Seeds | Widespread throught the country | Anonymous 1990 |
| 15 | Fungi | Thanatephorus cucumeris (Frank) Donk | Sheath blight ofrice | Leaves, Whole plant | Widespread throught the country | Anonymous. 1999. |
| 16 | Fungi | Ustilaginoidea virens | False smut of maize | Flowers & Inflorescence | Widespread throught the country | Khadka et al., 1968 |
| 17 | Fungus | Setosphaeria turcica (Luttr.) K. J. Leonard & Suggs | maize leaf blight | Leaves | Widespread throught the country | Anonymous 1990 |
| 18 | Insecta | Agrotis ipsilon |   | Stems | Widespread throught the country | National Maize Research program. 1992. |
| 19 | Insecta | Amrasca biguttula biguttula | green jassid | Leaves | Not known | Thapa VK. 1983. |
| 20 | Insecta | Atherigona orientalis | pepper fruit fly | Stems | Not known | Pont AC 1992 |
| 21 | Insecta | Atherigona soccata | sorghum stem fly | Stems | Widespread throught the country | National Maize Research Program. 1992 |
| 22 | Insecta | Aulacophora lewisii |   | Leaves | Not known | Takizawa H. 1987. |
| 23 | Insecta | Cadra cautella | dried currant moth | Seeds | Not known | Roesler RU. 1973. |
| 24 | Insecta | Chilo partellus | Pink stem borer | Stems, Fruit | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001 |
| 25 | Insecta | Cnaphalocrocis medinalis | rice leaf folder | Leaves | Not known | Barrion AT et al., 1991. |
| 26 | Insecta | Corcyra cephalonica | rice meal moth | Seeds | Not known | Hodges RJ. 1979. |
| 27 | Insecta | Hadula trifolii | clover cutworm | Leaves | Not known | Hacker H. 1998. |
| 28 | Insecta | Hydrellia griseola | rice leaf miner | Leaves | Not known | Zatwarnicki T. 1988. |
| 29 | Insecta | Locusta migratoria |   | Leaves | Not known | Uvarov BP. 1925. |
| 30 | Insecta | Mythimna separata | Chinese armyworm | Leaves | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 31 | Insecta | Oryzaephilus surinamensis | saw toothed grain beetle | Seeds | Not known | Champ BR and Dyte CE. 1976. |
| 32 | Insecta | Phyllophaga sp. | White grub | Roots | Widespread throught the country | National Maize Research Program. 1992 |
| 33 | Insecta | Plodia interpunctella | cloaked-not-horn moth | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001 |
| 34 | Insecta | Pyrilla perpusilla | sugarcane planthopper | Leaves | Not known | Neupane FP. 1976. |
| 35 | Insecta | Rhopalosiphum maidis |   | Stems, Leaves, Flowers & Inflorescence | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001 |
| 36 | Insecta | Rhopalosiphum padi | Grain aphid | Leaves, Flowers & Inflorescence | Widespread throught the country | Sharma KC. 1968. |
| 37 | Insecta | Rhyzopertha dominica |   | Seeds | Not known | Taylor RWD and Halliday D. 1986. |
| 38 | Insecta | Sesamia inferens | Asiatic pink stem borer | Stems | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 39 | Insecta | Sitophilus oryzae | Rice weevil | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001 |
| 40 | Insecta | Sitophilus zeamais | greater grain weevil | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 41 | Insecta | Sitotroga cerealella | grain moth | Seeds | Widespread throught the country | Joshi, S.L. and Manandhar, D.N. 2001. |
| 42 | Insecta | Thrips palmi | melon thrips | Leaves | Central Region,Sarlahi | Joshi, S.L. and Manandhar, D.N. 2001 |
| 43 | Insecta | Tyrophagus putrescentiae | cereal mite | Not reported | Not known | Haines CP. 1974. |
| 44 | Nematode | Criconemoides sp | Ring nematode | Not reported | Central Region,Lalitpur | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 45 | Nematode | Helicotylenchus sp. | Spiral nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 46 | Nematode | Hemicycliophora gracilis | Sheath nematode | Not reported | Not known | Manandhar HK and P Amatya, 1987. Plant parasitic nematodes in Nepal. International Nematology Network Newsletter 4:30-34. |
| 47 | Nematode | Hirschmanniella sp | Rice root nematode | Not reported | Central Region,Chitawan | Sharma-Poudyal D 2004. Plant Parasitic Nematodes Associate with Maize in Chitwan District. J. Inst. Agric. Anim. Sci. 24 (In press) |
| 48 | Nematode | Hoplolaimus sp. | Lance Nematode | Not reported | Central Region,Chitawan | Sharma-Poudyal D 2004. Plant Parasitic Nematodes Associate with Maize in Chitwan District. J. Inst. Agric. Anim. Sci. 24 (In press) |
| 49 | Nematode | Longidorus sp. | Needle nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 50 | Nematode | Meloidogyne sp. | root knot nematode | Roots | Central Region,Chitawan | Sharma-Poudyal D 2004. Plant Parasitic Nematodes Associate with Maize in Chitwan District. J. Inst. Agric. Anim. Sci. 24 (In press) |
| 51 | Nematode | Pratylenchus sp. | Root lesion nematode | Roots | Central Region,Chitawan :,Central Region,Lalitpur | Sharma-Poudyal D 2004. Plant Parasitic Nematodes Associate with Maize in Chitwan District. J. Inst. Agric. Anim. Sci. 24 (In press); Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 52 | Nematode | Rotylenchus sp | Spiral nematode | Not reported | Central Region,Chitawan | Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 53 | Nematode | Tylenchorhynchus sp | Stunt nematode | Not reported | Central Region,Chitawan :,Central Region,Lalitpur | Sharma-Poudyal D 2004. Plant Parasitic Nematodes Associate with Maize in Chitwan District. J. Inst. Agric. Anim. Sci. 24 (In press); Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 54 | Nematode | Xiphinema sp. | Dagger nematode | Not reported | Central Region,Chitawan | Sharma-Poudyal D 2004. Plant Parasitic Nematodes Associate with Maize in Chitwan District. J. Inst. Agric. Anim. Sci. 24 (In press); Amatya P and M Shrestha. 1969. Preliminary survey of plant parasitic nematodes in Nepal. Nepalese J. Agric. 4: 17-27. |
| 55 | Virus | Maize streak virus | streak disease of maize | Stems, Leaves | Widespread throught the country | Anonymous. 1983. |
|  |  |  |  |  |  |  |
|  | **28. Host Name: *Zingiber officinale*(Ginger)** |  |  |  |  |
|  |  |  |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Bacterium | Ralstonia solanacearum | Wilt of ginger | Stems, Leaves, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Sharma BP . 2000. |
| 2 | Fungi | Aspergillus sp | Mold of ginger | Storage organs (bulbs, tubers, corms, rhizomes) | Not known | Sharma BP . 2000. |
| 3 | Fungi | Curvularia spp. | Ginger leaf spot | Stems, Leaves | Far Western Region,Rapti | Khadka B.B. and S. M.Shah. 1967 |
| 4 | Fungi | Fusarium sp | Rhizom rot/yellows of ginger | Leaves, Storage organs (bulbs, tubers, corms, rhizomes) | Eastern Region,Salyan:,Eastern Region,Terahthum | Anonymous 1995 |
| 5 | Fungi | Phoma sp. | Leaf spot of ginger | Leaves | Eastern Region,Illam:,Western Region,Gorkha | Anonymous 1995 |
| 6 | Fungi | Phyllosticta zingiberi | leaf spot of ginger | Leaves | Widespread throught the country | Manandhar KL and SM Shah. 1975. |
| 7 | Fungi | Pythium sp | Rhizom rot of ginger | Stems, Leaves, Whole plant, Storage organs (bulbs, tubers, corms, rhizomes) | Widespread throught the country | Anonymous 1995 |
| 8 | Fungi | Trichothecium roseum | Rhizom rot of zinger | Not reported | Not known | Manandhar KL and SM Shah. 1975. |
| 9 | Insecta | Aspidiotus destructor | coconut scale | Leaves | Not known | Not Reported |
| 10 | Insecta | Atherigona orientalis | pepper fruit fly | Not reported | Not known | Pont AC 1992 |
| 11 | Insecta | Calobata sp. | Rhizome fly | Storage organs (bulbs, tubers, corms, rhizomes) | Eastern Region,Jhapa | Joshi, S.L. and D.N. Manandhar. 2001 |
| 12 | Insecta | Conogethes punctiferalis | castor borer | Stems | Mid Western Region,Salyan :,Mid Western Region,Salyan | Ginger Research Programme. 1998 |
| 13 | Insecta | Dorylus orientalis | oriental army ant | Storage organs (bulbs, tubers, corms, rhizomes) | Mid Western Region,Salyan :,Mid Western Region,Salyan | Ginger Research Programme. 1998 |
| 14 | Insecta | Phyllophaga sp. | White grub | Roots, Storage organs (bulbs, tubers, corms, rhizomes) | Mid Western Region,Salyan :,Mid Western Region,Salyan | Ginger Research Programme. 1998 |
| 15 | Insecta | Rhyzopertha dominica |   | Not reported | Not known | Taylor RWD and Halliday D. 1986. |
| 16 | Nematode | Meloidogyne javanica | sugarcane eelworm | Roots | Central Region,Chitawan | Bhardwoj, LN 1982. Root-knot nematodes of Chitwan district of Nepal-I. J. Inst. Agric. Anim. Sci. 3: 1-5. |
|  |  |  |  |  |  |  |
|  | **29. Host Name: *Fragaria ananassa (Strawberry)*** |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Fungi | *Phomopsis obscurans* | Leaf Blight | Leaves | Lalitpur | Annonymous, 2001. Annual Report .1999/2000.Plant Pathology Division, NARC, Khumaltar. pp 67 |
| 2 | Fungi | *Sphaerulina sp* |   | Leaves, Fruit | Ilam | Khadka,B.B, Shah, S.M.,and Lawat. K (1968).List of Plant diseases in Nepal.A preliminary list of plant diseases in Nepal .Technical document No.62, 1968.ThePlant Protection Committee for South East Asia and Pacific Region. |
| 3 | Fungi | *Phytophthora nicotianae*  | Black shank | Stems, Fruit, Roots |   | Pawsey RG, 1989. A check-reference list of plant pathogens in Nepal. FRIC Occasional Paper Kathmandu, Nepal; Forestry Research Division, Department of Forestry and Plant Research, No. 1/89:ii + 69 pp.CABI, CPC 2005 |
| 4 | Fungi | *Botryotinia fuckeliana*  | Grey mould-rot | Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant, |   | CAB Abstracts, 1973-1998. Data mined from CAB Abstracts database, years 1973 to 1998. Wallingford, UK: CAB International, CABI ,CPC 2005 |
| 5 | Fungi | *Sclerotinia sclerotiorum*  | Cottony soft rot | Leaves, Stems, Roots | Widespread throughout the country | Annonymous, 2001. Annual Report .1999/2000.Plant Pathology Division, NARC, Khumaltar. pp 67 |
| 6 | Insect | *Brevipalpus obovatus*  | Privet mite/ Scarlet tea mite |  Stems, Leaves, Flowers & Inflorescence |   | CIE. 1988. Distribution Maps of Pests. Series A, No. 128. Wallingford, UK: CAB International. |
| 7 | Insect | *Coccus hesperidum*  | Brown soft scale | Small stems, twigs and leaves |  | CIE. 1972. Commonwealth Institute of Entomology Distribution Maps of Pests: *Coccus hesperidum*. Map No. 92. Wallingford, UK: CAB International. |
| 8 | Insect | *Diaspidiotus perniciosus*  | San José scale/ California scale  | Stems, Leaves and Fruits | Kathmandu , Marpha (Mustang) | EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. ,Nakahara (1982)  |
| 9 | Insect | *Spodoptera litura*  | Taro caterpillar/ Tobacco caterpillar | Leaves | Widespread throughout the country | EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org., IIE (1993) |
| 10 | Nematode | *Aphelenchoides besseyi*  | Rice leaf nematode | Not reported |   | CPC, 2005, Commonwealth Agriculture Bioscience, 2005, UK. |
| 11 | Nematode | *Helicotylenchus pseudorobustus* | Spiral nematode | Not reported |   | CPC, 2005, Commonwealth Agriculture Bioscience, 2005, UK. |
| 12 | Nematode | *Longidorus* | Needle nematode | Not reported |   | CPC, 2005, Commonwealth Agriculture Bioscience, 2005, UK. |
|  |  |  |  |  |  |  |
|  | **30. Host Name : *Allium sativum (Garlic)*** |  |  |  |  |
| S.N. | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Insecta | *Tyrophagus putrescentiae* | cereal mite | Not reported | Not known | CAB International, 2005. Crop Protection Compendium. CAB International.  |
| 2 | Insecta | *Aphis craccivora* |   | Growing point | Not known | CAB International, 2005. Crop Protection Compendium. CAB International.  |
| 3 | Mites | *Rhizoglyphus* sp. | Bulb mite | Storage organs (bulbs, tubers, corms, rhizomes) | Central Region, Bhaktapur |   |
| 4 | Fungi | *Alternaria porri )* | Purple blotch | leaves | Kathmandu valley | Khadka, B.B., S.M.Shah and K.Lawat . 1968. Plant Diseases in Nepal .(A supplementary list Technical Document no. 66). Plant Pathology Section, Deptt of Agric. Education, Jagdamba Krishi Bhawan Pulchowk, Lalitpur, Nepal.  |
| 5 | Fungi | *Botrytis aclada*  | Neck rot fungus | bulbs | Not Known | CMI, 1987. Distribution map of plant diseases, No. 169, Edition 4. Wallingford, UK: CAB International. |
| 6 | Fungi | *Corticium rolfsii*  | Collar rot | bulb | Not known | Jayaswal ML, Waliyar F, McDonald D, Rao MJV, 1988. A survey report on the constraints to groundnut production in Nepal. International Arachis Newsletter, 4:7-8. |
| 7 | Bacteria | *Erwinia chrysanthemi* |   |   |   |   |
| 8 | Fungi | *Leveillula taurica* |   | Stems, Leaves | Not known | IMI, 1996. Leveillula taurica, Distribution Maps of Plant Diseases. Map No. 217. Wallingford, UK: CAB International. |
| 9 | Fungi | *Macrophomina phaseolina*  | Ashy stem blight |  Stems, Leaves | Not known | ICRISAT, 1982. Chickpea diseases. ICRISAT Annual Report 1981. Patancheru, Andhra Pradesh, India: International Crops Research Institute for the Semi-Arid Tropics, 93-97. |
| 10 | Fungi | *Phomopsis longicolla*  | Phomopsis seed decay | Bulb,Leaves | Not known | Manandhar JB, Thapliyal PN, Cavanaugh KJ, Sinclair JB, 1987. Interaction between pathogenic and saprobic fungi isolated from soybean roots and seeds. Mycopathologia, 98(2):69-75; 20 ref. |
| 11 | Fungi | *Urocystis cepulae*  | Leek smut | Bulb, Leaves | Not known | EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. |
| 12 | Fungi | *Stephyllium vesicarium* | Leaf Blight |  leaves | Bhaktapur, Tarhara, Sunsari  | Annonymous.2001-2002. Annual Report. Plant Pathology Division, Khumaltar, Lalitpur. |
| 13 | Fungi | *Botrytis* sp. | Leaf Blight (Botrytis garlic rot) | leaves | Bhaktapur, Dhunikharka, Kavrepalanchowk | Annonymous.2001-2002. Annual Report. Plant Pathology Division, Khumaltar, Lalitpur. |
| 14 | Fungi | *Sclerotinia sclerotiorum*  | Collar rot |   |   |   |
| 15 | Nematode | *Helicotylenchus pseudorobustus ()* | Spiral nematode |   |   |   |
|  |  |  |  |  |  |  |
|  | **31. Host Name : Malus domestica (Apple)** |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Insecta | Actias selene | Luna moth | Stems, Leaves | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 2 | Insecta | Adoretus limbatus |   | Not reported | Central Region, Kathmandu, Kakani | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 3 | Insecta | Anomis mesogona |   | Leaves | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 4 | Insecta | Aphis gossypii |   | Stems, Leaves, Flowers & Inflorescence | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 5 | Insecta | Aphis spiraecola | green citrus aphid | Stems, Leaves, Flowers & Inflorescence, Growing point | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 6 | Insecta | Apion (Conapion)? gagetinum |   | Not reported | Western Region, Kaski, Pokhara | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 7 | Insecta | Aspidiotus destructor | coconut scale | Stems, Leaves, Fruit | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 8 | Insecta | Atosia (Atosia) himalayana |   | Leaves | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 9 | Insecta | Bactrocera dorsalis | Oriental fruit fly | Fruit | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 10 | Insecta | Bactrocera dorsalis species complex | Oriental fruit fly species complex | Fruit | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 11 | Insecta | Bactrocera zonata | guava fruit fly | Fruit | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 12 | Insecta | Brahmina coriacea |   | Not reported | Central Region, Chitawan, Lothar | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 13 | Mite | Brevipalpus obovatus | privet mite | Not reported | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 14 | Insecta | Byturus tomentosus | beetle, loganberry | Leaves, Flowers & Inflorescence, Fruit, Growing point | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 15 | Insecta | Chrysomela populi | leaf beetle, balsam poplar | Leaves | Central Region, Makwanpur, Daman | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 16 | Insecta | Cleora sp. |   | Leaves | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 17 | Insecta | Coccotrypes carpophagus |   | Not reported | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 18 | Insecta | Cosmoscarta dorsimaculata |   | Not reported | Central Region, Kathmandu, Kakani | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 19 | Insecta | Dasychira grotei |   | Leaves | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 20 | Insecta | Dasychira mendosa |   | Leaves | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 21 | Insecta | Dasytes tibetensis |   | Not reported | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 22 | Insecta | Diaspidiotus perniciosus | California scale (Russia) | Stems, Leaves, Fruit | Western Region, Mustang, Marpha | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 23 | Insecta | Dieuches leucoceras |   | Not reported | Central Region, Lalitpur, Godavari | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 24 | Insecta | Dysaphis plantaginea |   | Stems, Leaves, Fruit | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 25 | Insecta | Eriosoma lanigerum | woolly aphid | Stems, Leaves | Central Region, Lalitpur, Godavari | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 26 | Insecta | Eulecanium ? secretum |   | Not reported | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 27 | Insecta | Euproctis plana |   | Leaves | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 28 | Insecta | Euproctis subfascia |   | Leaves | Central Region, Kathmandu, Kakani | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 29 | Insecta | Leilia litura |   | Leaves | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 30 | Insecta | Linda rubescens |   | Not reported | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 31 | Insecta | Mardara calligramna |   | Leaves | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 32 | Insecta | Melampsora populnea | leaf beetle, balsam poplar | Leaves | Central Region, Makwanpur, Daman | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 33 | Insecta | Mimastra cyanura | Beetle | Not reported | Central Region, Kathmandu, Kakani | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 34 | Insecta | Myzus persicae | Peach-potato aphid | Stems, Leaves, Flowers & Inflorescence, Whole plant, Growing point | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 35 | Insecta | Orgyia postica | cocoa tussock moth | Leaves | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 36 | Insecta | Pandemis sp. |   | Not reported | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 37 | Insecta | Samia cynthia | cynthia moth | Leaves | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 38 | Insecta | Simicronyx sp. |   | Not reported | Central Region, Kathmandu, Kathmandu | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 39 | Insecta | Spodoptera litura | Tobbaco caterpillar | Leaves | Not known | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 40 | Insecta | Trichosea champa |   | Not reported | Central Region, Kathmandu, Kirtipur | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 41 | Insecta | Vespa basalis |   | Fruit | Central Region, Lalitpur, Godavari | CAB International, 2005. Crop Protection Compendium, 2005 Edition.Wallingford, UK: CAB International |
| 42 | Bacteria | Agrobacterium tumifeciencs  | Crown gall | crown and roots | Kathmandu | Annonimous 1995 .Annual Report 1995-96. Plant Pathology Division, Khumaltar, Lalitpur. |
| 43 | Fungi | Dematophora necatrix | Root rot | Root | Rasuwa | Annonimous 1995 .Annual Report 1995-96. Plant Pathology Division, Khumaltar, Lalitpur. |
| 44 | Fungi | Podosphaera leucotricha | Powdery mildew |  Leaves | Widespread | Annonimous 1991. Annual Report 1990-91. Plant Pathology Division, Khumaltar, Lalitpur. |
| 45 | Fungi | Venturia inequalis | Scab | Leaves, Fruit | Widespread | Annonimous 1991. Annual Report 1990-91. Plant Pathology Division, Khumaltar, Lalitpur. |
| 46 | Fungi | Nectria cinnabarina | Nectria Twig Blight | Leaves, Flowers & Inflorescence, Fruit | Jumla hills | Annonimous 2005. Visit Report 1005. Plant Pathology Division, Khumaltar, Lalitpur. |
| 47 | Fungi | Alternaria mali | Alternaria blight | Leaves, Flowers & Inflorescence, Fruit | Jumla hills | Annonimous 2005. Visit Report 1005. Plant Pathology Division, Khumaltar, Lalitpur. |
| 48 | Fungi |  Pellicularia salmonicolor |  Pink disease | Stems | Central hills | Annonimous 1991 .Annual Report 1990-91. Plant Pathology Division, Khumaltar, Lalitpur. |
| 49 | Fungi | Botryosphaeria ribis, Stereum purpureum | Papary bark |  Leaves, Flowers & Inflorescence, Fruit | Jumla hills | Annonimous 2005. Visit Report 1005. Plant Pathology Division, Khumaltar, Lalitpur. |
| 50 | Virus | Apple stem grooving virus |   | Fruits/pods, leaves, stems and whole plant. Vegetative growing stage. | Not known | CABI/EPPO, 2000. Apple stem grooving capillovirus. Distribution Maps of Plant Diseases, Map No. 810. Wallingford, UK: CAB International. EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. |
| 51 | Fungi | Botryosphaeria ribis | canker: apple |  Fruits/pods, growing points, inflorescence, leaves, stems and whole plant. | Not known | CPC 2005 |
| 52 | Fungi | Botryotinia fuckeliana | grey mould-rot | Leaves and stems. | Not known | CAB Abstracts, 1973-1998. Data mined from CAB Abstracts database, years 1973 to 1998. Wallingford, UK: CAB International |
| 53 | Fungi | Chondrostereum purpureum | silver blight: stone fruit trees |  Not known | Not known | CPC 2005 |
| 54 | Fungi | Colletotrichum acutatum | black spot: strawberry | Post-harvest. fruits | Not known | EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. |
| 55 | Fungi | Fusarium oxysporum |   |   | Not known | EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. |
| 56 | Fungi | Monilinia fructigena  | brown rot | Fruits/pods, growing points, leaves and stems. | Not known | EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. CABI/EPPO, 2000. Monilinia fructigena. Distribution Maps of Plant Diseases, Map No. 22. Wallingford, UK: CAB International. |
| 57 | Bacteria | Pantoea agglomerans | bacterial grapevine blight |  Fruits  | Not known | EPPO, 2005. PQR database (version 4.4). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. |
| 58 | Fungi | Sclerotinia sclerotiorum | cottony soft rot,white rot | Fruits/pods, inflorescence, leaves, roots, seeds, stems and whole plant. | Not known | CPC 2005 |
| 59 | Fungi | Fomitopsis pinicola | brown crumbly rot | Stems (above Ground)/Shoots/Trunks/Branches: Hyphae; borne internally; borne externally; visible to naked eye. | Not known | CPC 2005 |
|  |  |  |  |  |  |  |
|  | **32. Host Name : Vigna radiata (Mung bean)** |  |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Insecta | *Acherontia styx* | Death's head hawkmoth, eastern | Leaves | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 2 | Insecta | *Acyrthosiphon pisum* | Pea aphid | Leaves, flowers & inflorescence, whole plant, growing point | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 3 | Insecta | *Amrasca biguttula biguttula* | Green jassid | Stems, leaves | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 4 | Insecta | *Aphis craccivora* |   | Leaves, whole plant, growing point | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 5 | Insecta | *Aphis gossypii* |   | Stems, leaves, flowers & inflorescence, whole plant, growing point | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 6 | Insecta | *Aproaerema modicella* | Groundnut leaf folder | Leaves | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 7 | Insecta | *Callosobruchus chinensis* | Chinese bruchid | Seeds | Central Region, Nuwakot | Joshi, S.L. and Manandhar, D.N. 2001. Reference insects of Nepal. Entomology Division, Khumaltar, Lalitpur. 122 pp |
| 8 | Insecta | *Chromatomyia syngenesiae* | Chrysanthemum leafminer | Leaves | Not known | Annual Report. (1988/89). Entomology Division, Khumaltar, Lalitpur. 35 pp. |
| 9 | Insecta | *Corcyra cephalonica* | Rice meal moth | Seeds | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 10 | Insecta | *Etiella zinckenella* | Lima bean pod borer | Fruit | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 11 | Insecta | *Lampides boeticus* | Pea pod borer | Seeds,flowers & inflorescence, fruit | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 12 | Insecta | *Megalurothrips distalis* |   | Seeds, leaves, flowers & inflorescence, fruit, whole plant | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 13 | Insecta | *Megalurothrips usitatus* | Bean flower thrips | Leaves, flowers & inflorescence | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 14 | Insecta | *Melanagromyza obtusa* | Pod fly | Seeds, fruit | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 15 | Insecta | *Nezara viridula* | Green shield bug | Seeds, stems, leaves, flowers & inflorescence, fruit, growing point | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 16 | Insecta | *Ophiomyia phaseoli* | Agromyzid fly | Stems, roots | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 17 | Insecta | *Rhyzopertha dominica* |   | Seeds | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 18 | Insecta | *Spilarctia casignata* | Tiger moth | Leaves | Not known | Annual Report. (1988/89). Entomology Division, Khumaltar, Lalitpur. 35 pp. |
| 19 | Insecta | *Spodoptera litura* | Tobbaco caterpillar | Leaves | Not known | Annual Report. (1988/89). Entomology Division, Khumaltar, Lalitpur. 35 pp. |
| 20 | Insecta | *Tribolium castaneum* | Red flour beetle | Seeds | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK |
| 21 | virus | *Alfalfa mosaic virus*  | alfalfa yellow spot | Stems, Leaves, Roots, Whole Plant | Not known | ICRISAT, 1982. Chickpea diseases. ICRISAT Annual Report 1981. Patancheru, Andhra Pradesh, India: International Crops Research Institute for the Semi-Arid Tropics, 93-97. |
| 22 | virus | Tomato spotted wilt virus  | tomato spotted wilt | Leaves, Fruit, Whole Plant | Not known | CABI/EPPO, 1999. Tomato spotted wilt tospovirus. Distribution Maps of Plant Diseases, Map No. 8. Wallingford, UK: CAB International 2006. |
| 23 | virus | Cucumber mosaic virus  | cucumber mosaic | Fruit , Leaves, Whole Plant | Not known | CABI/EPPO, 2002. Cucumber mosaic virus. Distribution Maps of Plant Diseases, No. 866. Wallingford, UK: CAB International 2006. |
| 24 | virus | Mungbean yellow mosaic virus | Mungbean yellow mosaic virus | Leaves, pod | Widespread throughout the country | P.B. Karki. (1995) Per.comn.Unpulished data |
| 25 | Bacteria | Xanthomonas axonopodis pv. phaseoli | bean blight | Seeds, Stems, Leaves, Fruit, Roots, Whole Plant | Not known | Bradbury JF, 1986. Guide to plant pathogenic bacteria. Farnham Royal, Slough, UK: CAB International 2006 |
| 26 | Bacteria | Fusarium solani  | foot rot of beans | root, stems | Lumbini, Kapilbastu | Annonymous.1999. Annual Report 1999-2000. Plant Pathology Division.NARC, Khumaltar, Lalitpur |
| 27 | Fungi | Colletotrichum lindemuthianum  | Anthracnose of bean | Fruit, Leaves, Seeds | Not known | CMI, 1985. Distribution Maps of Plant Diseases, No. 350, Edition 5. Wallingford, UK: CAB International 2006. |
| 28 | Fungi | Colletotrichum truncatum | Soyabean anthracnose | Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant, | Not known | Manandhar JB, Sinclair JB, 1982. Occurrence of soybean diseases and their importance in Nepal. FAO Plant Protection Bulletin, 30(1):13-16; [1 tab.]. |
| 29 | Fungi | Corticium rolfsii Curzi  | sclerotium rot | Stems, Leaves, Roots,  | Not known | CMI, 1992. Distribution Maps of Plant Diseases. Edition 4. Wallingford, UK: CAB International 2006. |
| 30 | Fungi |  Phaeoisariopsis griseola | Aangular bean leaf spot  | Leaves, Stems, pods | Not known | IMI, 1996. Distribution Maps of Plant Diseases, No. 328. Wallingford, UK: CAB International 2006. |
| 31 | Fungi | *Cochliobolus sativus*  | root and foot rot  | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant | Widespread throughout the country | CABI/EPPO, 2003 |
| 32 | Fungi | Cowpea Moroccan aphid-borne mosaic virus | aphid-borne mosaic virus | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant  | Not known | Dahal G, Albrechtsen SE, 1996. Some studies on cowpea aphid-borne mosaic and pea seed-borne mosaic potyviruses in Nepal. International Journal of Pest Management, 42(4):337-344. |
| 33 | Fungi | Leveillula taurica  | powdery mildew of cotton | Stems, Leaves | Not known | IMI, 1996. Leveillula taurica, Distribution Maps of Plant Diseases. Map No. 217. Wallingford, UK: CAB International 2006. |
| 34 | Fungi | Macrophomina phaseolina | charcoal rot of bean/tobacco | Seeds, Stems, Leaves, Roots, Whole Plant | Not known | CMI, 1985. Distribution Maps of Plant Diseases, No. 566. Wallingford, UK: CAB International 2006. |
| 35 | Fungi | Myrothecium roridum | blight: eggplant | Not reported | Not known | CMI, 1984. Distribution Maps of Plant Diseases, Map No.458. Wallingford, UK: CAB International 2006. |
| 36 | Fungi | Phaeoisariopsis griseola | Angular bean leaf spot | Seeds, Stems, Leaves, Fruit, Pod, Whole Plant, | Not known | IMI, 1996. Distribution Maps of Plant Diseases, No. 328. Wallingford, UK: CAB International 2006. |
| 37 | Fungi | Sclerotinia sclerotiorum  | cottony soft rot | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant,  | Not known | Duwadi VR, Paneru RB, Bhattarai MR, 1993. An estimate of yield loss of cauliflower (cv. Kibo Giant) seed caused by Sclerotinia sclerotiorum (Lib.) de Bary. PAC Working Paper - Pakhribas Agricultural Centre, No. 52:4 pp. |
| 38 | Fungi | Uromyces appendiculatus | bean rust | Leaves, Stems | Not known | CMI, 1981. Distribution Maps of Plant Diseases, No. 290, edition 4. Wallingford, UK: CAB International 2006. |
| 39 | Fungi | Cercospora canescens | Cercospora leaf spot | Leaves | Biratnagar, Morang | Khadka, B.B., and Shah, S.M. 1966. Preliminary list of plant diseases recorded in Nepal. (1) :1, 47-76 |
|  |  |  |  |  |  |  |
|  | **33. Host Name : *Eleusine coracana* (Finger-millet)** |  |  |  |
| **S.N.** | **Pest Category** | **Scientific Name of Pest** | **Common Name of Pest** | **Plant Parts Affected** | **Location** | **Source** |
| 1 | Insecta | *Atherigona soccata* | Sorghum stem fly | Stems | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK: |
| 2 | Insecta | *Brevennia rehi* | Rice mealy bug | Stems | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK: |
| 3 | Insecta | *Chilo partellus* | Maize stem borer | Stems | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK: |
| 4 | Insecta | *Cnaphalocrocis medinalis* | Rice leaf folder | Leaves | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK: |
| 5 | Insecta | *Hysteroneura setariae* | Grass aphid | Stems, Leaves, Flowers & Inflorescence | Not known |  Das, B.C. and D.N. Raychaudhuri. 1983. Aphids (Homoptera: Aphididae) of Nepal. Records of the Zoological Survey of India. Miscellaneous Publication. Occasional Paper. No. 51. 1983. |
| 6 | Insecta | *Locusta migratoria* |   | Whole plant | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK: |
| 7 | Insecta | *Mythimna separata* | Chinese armyworm | Stems, Leaves | Not known | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK: |
| 8 | Insecta | *Phyllophaga* sp. | White grub | Stems, Roots | Not known | Subedi, K.D.; Sthapit, B.R. and Pradhanang, P.M. 1991. Lumle finger millet, research report, 1990. Seminar Paper No. 6/91. Lumle Agricultural Centre, Lumle, Kaski |
| 9 | Insecta | *Popillia cupricolis* | Japanese metallic beetle | Flowers & Inflorescence | Widespread throught the country | Subedi, K.D.; Sthapit, B.R. and Pradhanang, P.M. 1991. Lumle finger millet, research report, 1990. Seminar Paper No. 6/91. Lumle Agricultural Centre, Lumle, Kaski |
| 10 | Insecta | *Rhopalosiphum maidis* | Maize aphid | Leaves, Flowers & Inflorescence | Central Region, Kathmandu | Sharma, K.C. 1968. Biological notes on the aphids of Nepal. Nepalese J. Agric. 3: 105-133 |
| 11 | Insecta | *Schizaphis graminum* | greenbug | Leaves, Flowers & Inflorescence | Central Region, Kathmandu | CAB International. 2006. Crop Protection Compendium, 2006 Edition. Wallingford, UK: |
| 12 | Insecta | *Sesamia inferens* | Asiatic pink stem borer | Stems | Not known | Sharma, K.C. 1968. Biological notes on the aphids of Nepal. Nepalese J. Agric. 3: 105-133 |
| 13 | Insecta | *Sitobion avenae* | English grain aphid | Leaves, Flowers & Inflorescence | Central Region, Kathmandu | Das, B.C. and D.N. Raychaudhuri. 1983. Aphids (Homoptera: Aphididae) of Nepal. Records of the Zoological Survey of India. Miscellaneous Publication. Occasional Paper. No. 51. 1983. |
| 14 | Insecta | *Sitobion miscanthi* |   | Leaves, Flowers & Inflorescence | Not known | Sharma, K.C. 1968. Biological notes on the aphids of Nepal. Nepalese J. Agric. 3: 105-133 |
| 15 | Insecta | *Tetraneura nigriabdominalis* | Rice root aphid | Leaves, Flowers & Inflorescence | Not known |  Das, B.C. and D.N. Raychaudhuri. 1983. Aphids (Homoptera: Aphididae) of Nepal. Records of the Zoological Survey of India. Miscellaneous Publication. Occasional Paper. No. 51. 1983. |
| 16 | Bacteria | Acidovorax avenae  | bacterial leaf blight | Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant, | Widespread throughout the country | Shakya DD, Vinther F, Mathur SB, 1985. World wide distribution of a bacterial stripe pathogen of rice identified as Pseudomonas avenae.. Phytopathologische Zeitschrift, 114(3):256-259; [1 tab.]. CABI (CPC 2006) |
| 17 | Fungi | *Corticium rolfsii*  | Sclerotium rot | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant | Widespread throughout the country | (1)      Jayaswal ML, Waliyar F, McDonald D, Rao MJV, 1988. A survey report on the constraints to groundnut production in Nepal. International Arachis Newsletter, No. 4:7-8.  (2) CMI, 1992. Distribution Maps of Plant Diseases. Edition 4. Wallingford, UK: CAB International. |
| 18 | Fungi | *Sarocladium oryzae*  | rice sheath rot | Seeds, Stems, Leaves, Inflorescence | Hills | EPPO, 2006. PQR database (version 4.5). Paris, France: European and Mediterranean Plant Protection Organization. www.eppo.org. |
| 19 | Fungi | *Cercospora eleusine* | leaf spot | Stems, Leaves, Whole Plant | Widespread throughout the country | Amatya. P., Dahal. G., and Manandhar, K.K. Plant Pathology in Nepal. In: Proceedings of the first HMG/DANIDA/FAO Training Course in Seed Health Testing Techniques(eds)S.B. Mathur, P. Amatya, K. Shrestha and H.K. Manandhar.  |
| 20 | Fungi | *Pyricularia grisea*  | leaf blast | Seeds, Stems, Leaves, Flowers & Inflorescence, Fruit, Roots, Whole Plant | Widespread throughout the country | Annonymous, 1994. Annual report. Plnat Pathology Division.NARC, Khumaltar, Lalitpur |
| 21 | Fungi | *Sclerotium rolfsii*  | foot rot | Stems, Roots, Whole Plant | Widespread | Annonymous 2003-04. Annual report. National Hill Crop research Program (NHRP) , Kavre.  |
| 22 | Fungi | *Helminthosporium* spp | Helminthosporium leaf spot | Stems, Roots, Leaves, Whole Plant | Widespread | Annonymous 2003-04. Annual report. National Hill Crop research Program (NHRP) , Kavre.  |