**APPENDIX 1-6: Use Site, General Land Cover Class, and HUC2 Matrix for Chlorpyrifos**

Pesticide Root Zone Model (PRZM5) scenarios are available for most general land cover classes and Hydrologic Unit Code (HUC) 2 Region that represent potential pesticide use areas (**APPENDIX 1-7**). These scenarios are provided in **APPENDIX 1-7** for reference.

To identify the chlorpyrifos uses that need to be modeled for each of the HUC 2 Regions, chlorpyrifos use sites are binned by the general land cover class that best represents the use pattern (*e.g.*, grapes are categorized with orchards and vineyards while cole crops are binned with other vegetables).[[1]](#footnote-1)  The 2014 National Agricultural Statistics Service (NASS) Census of Agriculture (CoA) crop acreage reports[[2]](#footnote-2)and the 2012 NASS CoA crop harvested data are used to confirm the presence or absence of individual use sites or crop within a HUC2 region. Unless the label limits a use pattern to a particular geographic area, all regions are modeled where there are crop acres or harvested data. For those crops/use sites where NASS harvested data are unavailable, the crop or use site was assumed to occur within that HUC2 region. In each cell in the table below, the crop name/use site from the label was assigned with a general land cover class (first row) and crossed with the HUC2 region (first column).  When a specific use site did not correspond to a specific general land cover class, it is placed in the “No Specific Land Cover Class” category. Limited data are available for crops grown in HUC2 regions 20 (Hawaii) and 21 (Caribbean). There are no acres reported in NASS for pineapple; however, pineapple is assumed to be grown in Hawaii. The results are provide in **Table B 1-6.1** (corn, soybean, cotton, developed, grassland, pasture/hay, other crops, and orchards and vineyards) and **Table B 1-6.2 (**Other trees, other grains, wheat, other row crops, rice, vegetables and ground fruit, and no specified land cover class) below.

Acknowledgement: The Environmental Fate and Effects developed an algorithm in excel to automatically populate this table based on NASS data and Steve Lennartz provided a cross of NASS acreage with HUC2 regions and crosswalk of the general land cover class with the chlorpyrifos use sites.

**Table B 1-6.1. Chlorpyrifos Specific NASS Matrix (1)**

| **HUC2** | **Corn** | **Soybeans** | **Cotton** | **Developed** | **Grassland** | **Pasture/ Hay** | **Other Crops** | **Orchards and Vineyards** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | CORN | SOYBEAN |  | See footnote below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CHERRIES (Sweet & Tart) FILBERTS/HAZLENUT FRUITS & NUTS NECTARINE PEACH PEAR SEED ORCHARD TREES GRAPES, WALNUTS |
| **2** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CHERRIES (Sweet & Tart) FIGS FILBERTS/HAZLENUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUTS |
| **3** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) CITRUS FIGS FILBERTS/HAZLENUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUTS |
| **4** | CORN | SOYBEAN |  | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CHERRIES (Sweet & Tart) FILBERTS/HAZLENUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUTS |
| **5** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMONDS APPLE CHERRIES (Sweet & Tart) FIGS FILBERTS/HAZLENUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUTS |
| **6** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMONDS APPLE CHERRIES (Sweet & Tart) FIGS FILBERTS/HAZLENUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUTS |
| **7** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CHERRIES (Sweet & Tart) FIGS FILBERTS/HAZLENUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUTS |
| **8** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CITRUS FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES |
| **9** | CORN | SOYBEAN |  | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CHERRIES (Sweet & Tart) FRUITS & NUTS GRAPES PEACH PEAR PLUM/PRUNE SEED ORCHARD TREES |
| **10** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CHERRIES (Sweet & Tart) FILBERTS/ HAZELNUT FRUITS & NUTS PEAR NECTARINE PEACH PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **11** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CITRUS CHERRIES (Sweet & Tart) FIGS FILBERTS/ HAZELNUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **12** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CHERRIES (Sweet) CITRUS FIGS FRUITS & NUTS GRAPES PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **13** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) CITRUS FIGS FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **14** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA GRASS | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) FRUITS & NUTS GRAPES PEAR NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **15** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA GRASS FORAGE/ FODDER/HAY (permitted in Nevada, Oregon, Washington and Idaho) | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) CITRUS FIGS FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **16** | CORN | SOYBEAN |  | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA GRASS FORAGE/ FODDER/HAY (permitted in Nevada, Oregon, Washington and Idaho) | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) CITRUS FIGS FILBERTS/ HAZELNUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PECANS PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **17** | CORN | SOYBEAN |  | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA GRASS FORAGE/ FODDER/HAY (permitted in Nevada, Oregon, Washington and Idaho) | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) CITRUS FIGS FILBERTS/ HAZELNUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **18** | CORN | SOYBEAN | COTTON | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA GRASS FORAGE/ FODDER/HAY (permitted in Nevada, Oregon, Washington and Idaho) | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) CITRUS FIGS FILBERTS/ HAZELNUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PLUM/PRUNE PECANS WALNUT SEED ORCHARD TREES |
| **19** |  |  |  | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | ALMOND APPLE CHERRIES (Sweet & Tart) CITRUS FILBERTS/ HAZELNUT FRUITS & NUTS GRAPES NECTARINE PEACH PEAR PLUM/PRUNE SEED ORCHARD TREES WALNUT |
| **20** | CORN |  |  | See footnote a below | no uses | AGRICULTURAL FARM PREMISES ALFALFA GRASS FORAGE/ FODDER/HAY | CLOVER ORNAMENTAL LAWNS AND TURF, SOD FARMS (TURF) | APPLE CITRUS PEACH PINEAPPLE  SEED ORCHARD TREES  FRUITS & NUTS |
| **21** | CORN |  |  | See footnote a below | no uses |  |  | CITRUS  SEED ORCHARD TREES |
| 1. Developed includes: BEEF/RANGE/ FEEDER CATTLE (MEAT)/ DAIRY CATTLE (NON-LACTATING) – ear tags, COMMERCIAL/INSTITUTION-AL/ INDUSTRIAL PREMISES/ EQUIP. (OUTDOOR) – broadcast, crack and crevice/void, CONIFERS AND DECIDUOUS TREES; PLANTATION, NURSERY, DOMESTIC DWELLINGS OUTDOOR PREMISES, FOOD PROCESSING PLANT PREMISES (NONFOOD CONTACT) – crack and crevice, GOLF COURSE TURF, MOSQUITO CONTROL, NONAGRICULTURAL OUTDOOR BUILDINGS/STRUCTURES, SEWER Manhole covers and walls, UTILITIES – broadcast, WIDE AREA/ GENERAL OUTDOOR TREATMENT – broadcast, drench, WOOD PROTECTION TREATMENT TO BUILDINGS/PRODUCTS OUTDOOR, ORNAMENTAL AND/OR SHADE TREES, HERBACEOUS PLANTS, RECREATIONAL AREAS, RIGHTS OF WAY, ROAD MEDIANS, NON- FLOWERING PLANTS, ORNAMENTAL WOODY SHRUBS AND VINES, ORNAMENTALS   Red *Italic* Font = no NASS data.  Blue underlined font - NASS data indicates no acres.  Black out cell indicate the crop group/land cover class has no associated areas grown or harvested. | | | | | | | | |

**Table B 1-6.2. Chlorpyrifos Specific NASS Matrix (2)**

| **HUC2** | **Other Trees1** | **Other Grains** | **Wheat** | **Other Row Crops** | **Rice** | **Vegetables and Ground Fruit** | **No Specific Land Cover Class Identified** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) *TRITICALE* | WHEAT | SUGAR BEETS SUNFLOWER TOBACCO *BEETS* | no uses | *STRAWBERRIES* BEANS CARROT COLE CROPS *CRANBERRY* LEGUME VEGETABLES MINT/ PEPPERMINT/ SPEARMINT PEAS RADISH BRUSSELS SPROUTS CAULIFLOWER ASPARAGUS PUMPKIN CUCUMBER TURNIP SWEET POTATO | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **2** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) TRITICALE | WHEAT | TOBACCO BEETS *SUGAR BEETS* PEANUTS SUNFLOWER | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS CARROT COLE CROPS *CRANBERRY* CUCUMBER LEGUME VEGETABLES *ONIONS* PEAS PUMPKIN *STRAWBERRIES* SWEET POTATO CAULIFLOWER TURNIP RADISH | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **3** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) *TRITICALE* | WHEAT | *BEETS* TOBACCO PEANUT SUNFLOWER | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS CARROT CAULIFLOWER COLE CROPS CUCUMBER LEGUME VEGETABLES *ONIONS* PEAS PEPPER PUMPKIN RADISH *STRAWBERRIES* SWEET POTATO TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **4** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) TRITICALE | WHEAT | *BEETS* SUGAR BEETS SUNFLOWER TOBACCO | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS CARROT CAULIFLOWER COLE CROPS *CRANBERRY* CUCUMBER LEGUME VEGETABLES MINT/ PEPPERMINT/ SPEARMINT PUMPKIN *ONIONS* PEAS RADISH *STRAWBERRIES* SWEET POTATO TURNIP *GINSENG* | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **5** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) TRITICALE | WHEAT | *BEETS* TOBACCO SUNFLOWER | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS CARROT CAULIFLOWER COLE CROPS CUCUMBER LEGUME VEGETABLES MINT/ PEPPERMINT/ SPEARMINT *ONIONS* PEAS PUMPKIN RADISH *STRAWBERRIES* SWEET POTATO TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **6** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) *TRITICALE* | WHEAT | *BEETS* PEANUT SUNFLOWER TOBACCO | no uses | ASPARAGUS BEANS CARROT CAULIFLOWER COLE CROPS CUCUMBER LEGUME VEGETABLES PEAS PUMPKIN RADISH *STRAWBERRIES* SWEET POTATO TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **7** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) TRITICALE | WHEAT | *BEETS* SUGAR BEETS SUNFLOWER TOBACCO | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS CARROT CAULIFLOWER COLE CROPS CRANBERRY CUCUMBER LEGUME VEGETABLES MINT/ PEPPERMINT/ SPEARMINT *ONIONS* PEAS PUMPKIN RADISH *STRAWBERRIES* SWEET POTATO TURNIP *GINSENG* | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **8** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) *TRITICALE* | WHEAT | *BEETS* PEANUT SUNFLOWER TOBACCO | no uses | ASPARAGUS BEANS CARROT CAULIFLOWER COLE CROPS CUCUMBER LEGUME VEGETABLES PEAS SWEET POTATO PUMPKIN TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **9** | CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS  PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain ) *TRITICALE* | WHEAT | *BEETS* SUGAR BEETS SUNFLOWER | no uses | ASPARAGUS BEANS CARROT CAULIFLOWER COLE CROPS CUCUMBER LEGUME VEGETABLES MINT/ PEPPERMINT/ SPEARMINT *ONIONS* PEAS PUMPKIN RADISH | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **10** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | SUNFLOWER SUGAR BEETS *BEETS* | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS COLE CROPS CAULIFLOWER CUCUMBER CARROT LEGUME VEGETABLES MINT/ PEPPERMINT/ SPEARMINT *ONIONS* PEAS PUMPKIN RADISH SWEET POTATO TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **11** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | PEANUT SUNFLOWER BEETS SUGAR BEETS |  | ASPARAGUS BEANS CARROT COLE CROPS CAULIFLOWER CUCUMBER LEGUME VEGETABLES *ONIONS* PEAS PUMPKIN SWEET POTATO RADISH SWEET POTATO TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **12** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | PEANUT SUNFLOWER *BEETS* |  | ASPARAGUS BEANS CARROT COLE CROPS CAULIFLOWER CUCUMBER VEGETABLES *ONIONS* PEAS PUMPKIN SWEET POTATO RADISH TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **13** | CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | SUGAR BEETS PEANUT *BEETS* | no uses | ASPARAGUS BEANS CARROT COLE CROPS CAULIFLOWER CUCUMBER LEGUME VEGETABLES *ONIONS*  PEAS PUMPKIN RADISH SWEET POTATO TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **14** | CONIFER PLANTATIONS  CONIFER PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | *BEETS* SUGAR BEETS SUNFLOWER | no uses | ASPARAGUS BEANS COLE CROPS CAULIFLOWER CUCUMBER CARROT LEGUME VEGETABLES *ONIONS* PEAS PUMPKIN RADISH TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| ***15*** | *CHRISTMAS TREE PLANTATIONS*  *CONIFER PLANTATIONS*  *PLANTATIONS*  *FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS* | SORGHUM (grain) | WHEAT | SUGAR BEETS *BEETS* | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS CARROT CAULIFLOWER COLE CROPS LEGUME VEGETABLES *ONIONS* PEAS PUMPKIN TURNIP RADISH SWEET POTATO | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **16** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | SUGAR BEETS *BEETS* | no uses | ASPARAGUS BEANS COLE CROPS CUCUMBER CARROT LEGUME VEGETABLES *ONIONS* PEAS PUMPKIN RADISH SWEET POTATO TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **17** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | *BEETS* SUGAR BEETS SUNFLOWER | no uses | ASPARAGUS BEANS BRUSSELS SPROUTS CARROT CAULIFLOWER COLE CROPS *CRANBERRY* CUCUMBER *GINSENG* LEGUME VEGETABLES *MINT/ PEPPERMINT/ SPEARMINT ONIONS* PUMPKIN PEAS *STRAWBERRIES* RADISH TURNIP | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **18** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  PLANTATIONS  FOREST FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT | PEANUT *BEETS* SUGAR BEETS SUNFLOWER | no uses | RADISH ASPARAGUS BEANS CAULIFLOWER COLE CROPS CUCUMBER LEGUME VEGETABLES *ONIONS* PEAS PUMPKIN *STRAWBERRIES* SWEET POTATO *RUTABAGA TURNIP* | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **19** | *CHRISTMAS TREE PLANTATIONS*  CONIFER PLANTATIONS  FOREST TREES HYBRID COTTONWOOD/ POPLAR PLANTATIONS | SORGHUM (grain) TRITICALE | WHEAT |  | no uses | RADISH ASPARAGUS CAULIFLOWER COLE CROPS CUCUMBER LEGUME VEGETABLES *ONIONS* *STRAWBERRIES RUTABAGA TURNIP* | NURSERY-STOCK  CONIFER NURSERIES  ORNAMENTALS |
| **20** | PLANTATIONS  FOREST  FOREST TREES | SORGHUM (grain) TRITICALE  SUGARCANE | S | BEETS | no use | RADISH ASPARAGUS BEANS COLE CROPS CUCUMBER LEGUME VEGETABLES ONIONS PEAS PUMPKIN SWEET POTATO *STRAWBERRY RUTABAGA* TURNIP | NURSERY-STOCK  ORNAMENTALS |
| **21** | PLANTATIONS  FOREST  FOREST TREES | SORGHUM (grain) TRITICALE  SUGARCANE | S |  | no use | *STRAWBERRY*  *RUTABAGA* | NURSERY-STOCK  ORNAMENTALS |
| 1. This landcover or scenario class should not to be confused with the land cover class “other tress” that only includes Christmas trees (with possible misclassification)   Red *Italic* Font = no NASS data.  Sorghum (silage - could be for grain another year) | | | | | | | |

1. Landover by use site cross walks for each chemical were developed by The Environmental Fate and Effects Division. [↑](#footnote-ref-1)
2. <http://quickstats.nass.usda.gov/> [↑](#footnote-ref-2)