APPENDIX 1-5. CDL to UDL Crosswalk for Atrazine

*These classes are not mutually exclusive to one another and are further reclassified into 13 agricultural UDL classes. Below are the 7 UDLs used for atrazine’s agricultural uses. The complete crosswalk for all 13 UDL classes can be found in* ***Table 1.***

**Corn:** 10, 14, 15, 18

**Soybeans:** 40, 42, 45, 48, 14 (KS only)

**Wheat:**  50, 56, 58, 15, 25, 45 (Only used for the fallow rotation in some specific states)

**Vegetables & Ground Fruit**: 60, 61, 68, 26, 56

**Other Orchards**: 70

**Other Grains**: 80, 18, 48, 58

**Other Crops:** 100 (Limit to the warm season grass boundary)

| Summary of Use Data Layers (UDL) Classes |
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| **Reclass Value** | **UDL General Classes** |
| 10 | Corn |
| 14 | Corn/soybeans |
| 15 | Corn/wheat |
| 18 | Corn/grains |
| 40 | Soybeans |
| 42 | Soybeans/cotton |
| 45 | Soybeans/wheat |
| 48 | Soybeans/grains |
| 50 | Wheat |
| 56 | Wheat/vegetables |
| 58 | Wheat/grains |
| 60 | Vegetables and ground fruit |
| 61 | (ground fruit) |
| 68 | Vegetables/grains |
| 70 | Other Orchards |
| 71 | Vineyards |
| 72 | Citrus |
| 80 | Other grains |
| 90 | Other row crops |
| 100 | Other crops |
| 110 | Pasture/hay/forage |

**Table 1. Cross-walk between CDL class and UDL agricultural classes.**

| **CDL Value** | **CDL Class Name** |  **Reclass Category for UDLs** | **Double Crop (Y)** | **Reclass Code** |
| --- | --- | --- | --- | --- |
| 1 | Corn | Corn |  | 10 |
| 2 | Cotton | Cotton |  | 20 |
| 3 | Rice | Rice |  | 30 |
| 4 | Sorghum | Other grains |  | 80 |
| 5 | Soybeans | Soybeans |  | 40 |
| 6 | Sunflower | Other row crops |  | 90 |
| 10 | Peanuts | Other row crops |  | 90 |
| 11 | Tobacco | Other row crops |  | 90 |
| 12 | Sweet Corn | Vegetables and ground fruit |  | 60 |
| 13 | Popcorn Corn | Vegetables and ground fruit |  | 60 |
| 14 | Mint | Vegetables and ground fruit |  | 60 |
| 21 | Barley | Other grains |  | 80 |
| 22 | Durum Wheat | Wheat |  | 50 |
| 23 | Spring Wheat | Wheat |  | 50 |
| 24 | Winter Wheat | Wheat |  | 50 |
| 25 | Other Small Grains | Other grains |  | 80 |
| 26 | Double Crop Winter Wheat/Soybeans | Soybeans/Wheat | Y | 45 |
| 27 | Rye | Other grains |  | 80 |
| 28 | Oats | Other grains |  | 80 |
| 29 | Millet | Other grains |  | 80 |
| 30 | Speltz | Other grains |  | 80 |
| 31 | Canola | Other grains |  | 80 |
| 32 | Flaxseed | Other grains |  | 80 |
| 33 | Safflower | Other grains |  | 80 |
| 34 | Rape Seed | Other grains |  | 80 |
| 35 | Mustard | Vegetables and ground fruit |  | 60 |
| 36 | Alfalfa | Pasture/hay/forage |  | 110 |
| 37 | Other Hay/Non Alfalfa | Pasture/hay/forage |  | 110 |
| 38 | Camelina | Other grains |  | 80 |
| 39 | Buckwheat | Other grains |  | 80 |
| 41 | Sugarbeets | Other row crops |  | 90 |
| 42 | Dry Beans | Vegetables and ground fruit |  | 60 |
| 43 | Potatoes | Vegetables and ground fruit |  | 60 |
| 44 | Other Crops | Other crops |  | 100 |
| 45 | Sugarcane | Other grains |  | 80 |
| 46 | Sweet Potatoes | Vegetables and ground fruit |  | 60 |
| 47 | Misc Vegs & Fruits | Vegetables and ground fruit |  | 60 |
| 48 | Watermelons | Vegetables and ground fruit |  | 60 |
| 49 | Onions | Vegetables and ground fruit |  | 60 |
| 50 | Cucumbers | Vegetables and ground fruit |  | 60 |
| 51 | Chick Peas | Vegetables and ground fruit |  | 60 |
| 52 | Lentils | Vegetables and ground fruit |  | 60 |
| 53 | Peas | Vegetables and ground fruit |  | 60 |
| 54 | Tomatoes | Vegetables and ground fruit |  | 60 |
| 55 | Caneberries | Vegetables and ground fruit |  | 61 |
| 56 | Hops | Other row crops |  | 90 |
| 57 | Herbs | Vegetables and ground fruit |  | 60 |
| 58 | Clover/Wildflowers | Other crops |  | 100 |
| 59 | Sod/Grass Seed | Other crops |  | 100 |
| 60 | Switchgrass | Pasture/hay/forage |  | 110 |
| 61 | Fallow/Idle Cropland | Other crops |  | 100 |
| 62 | Pasture/Grass | Pasture/hay/forage |  | 110 |
| 63 | Forest | Forest |  | 140 |
| 64 | Shrubland | Shrubland |  | 160 |
| 65 | Barren | Miscellaneous land |  | 200 |
| 66 | Cherries | Other orchards |  | 70 |
| 67 | Peaches | Other orchards |  | 70 |
| 68 | Apples | Other orchards |  | 70 |
| 69 | Vineyards | Vineyards |  | 71 |
| 70 | Christmas Trees | Other trees |  | 75 |
| 71 | Other Tree Crops | Other orchards |  | 70 |
| 72 | Citrus | Citrus |  | 72 |
| 74 | Pecans | Other orchards |  | 70 |
| 75 | Almonds | Other orchards |  | 70 |
| 76 | Walnuts | Other orchards |  | 70 |
| 77 | Pears | Other orchards |  | 70 |
| 81 | Clouds/No Data | Miscellaneous land |  | 200 |
| 82 | Developed | Developed - unspecified |  | 123 |
| 83 | Water | Water |  | 180 |
| 87 | Wetlands | Wetlands - herbaceous |  | 195 |
| 88 | Non-agricultural/Undefined | Miscellaneous land |  | 200 |
| 92 | Aquaculture | Other crops |  | 100 |
| 111 | Open Water | Water |  | 180 |
| 112 | Perennial Ice/Snow | Miscellaneous land |  | 200 |
| 121 | Developed/Open Space | Developed - open |  | 121 |
| 122 | Developed/Low Intensity | Developed - low |  | 122 |
| 123 | Developed/Med Intensity | Developed - med |  | 123 |
| 124 | Developed/High Intensity | Developed - high |  | 124 |
| 131 | Barren | Miscellaneous land |  | 200 |
| 141 | Deciduous Forest | Forest |  | 140 |
| 142 | Evergreen Forest | Forest |  | 140 |
| 143 | Mixed Forest | Forest |  | 140 |
| 152 | Shrubland | Shrubland |  | 160 |
| 171 | Grassland Herbaceous | Grassland |  | 150 |
| 176 | Pasture/Hay | Pasture/hay/forage |  | 110 |
| 181 | Pasture/Hay | Pasture/hay/forage |  | 110 |
| 190 | Woody Wetlands | Wetlands - woods |  | 190 |
| 195 | Herbaceous Wetlands | Wetlands - herbaceous |  | 195 |
| 204 | Pistachios | Other orchards |  | 70 |
| 205 | Triticale | Other grains |  | 80 |
| 206 | Carrots | Vegetables and ground fruit |  | 60 |
| 207 | Asparagus | Vegetables and ground fruit |  | 60 |
| 208 | Garlic | Vegetables and ground fruit |  | 60 |
| 209 | Cantaloupes | Vegetables and ground fruit |  | 60 |
| 210 | Prunes | Other orchards |  | 70 |
| 211 | Olives | Other orchards |  | 70 |
| 212 | Oranges | Citrus |  | 72 |
| 213 | Honeydew Melons | Vegetables and ground fruit |  | 60 |
| 214 | Broccoli | Vegetables and ground fruit |  | 60 |
| 216 | Peppers | Vegetables and ground fruit |  | 60 |
| 217 | Pomegranates | Other orchards |  | 70 |
| 218 | Nectarines | Other orchards |  | 70 |
| 219 | Greens | Vegetables and ground fruit |  | 60 |
| 220 | Plums | Other orchards |  | 70 |
| 221 | Strawberries | Vegetables and ground fruit |  | 61 |
| 222 | Squash | Vegetables and ground fruit |  | 60 |
| 223 | Apricots | Other orchards |  | 70 |
| 224 | Vetch | Pasture/hay/forage |  | 110 |
| 225 | Double Crop Winter Wheat/Corn | Corn/Wheat | Y | 15 |
| 226 | Double Crop Oats/Corn | Corn/Grains | Y | 18 |
| 227 | Lettuce | Vegetables and ground fruit |  | 60 |
| 229 | Pumpkins | Vegetables and ground fruit |  | 60 |
| 230 | Double Crop Lettuce/Durum Wheat | Wheat/Vegetables | Y | 56 |
| 231 | Double Crop Lettuce/Cantaloupe | Vegetables and ground fruit |  | 60 |
| 232 | Double Crop Lettuce/Cotton | Cotton/Vegetables | Y | 26 |
| 233 | Double Crop Lettuce/Barley | Vegetables/Grains | Y | 68 |
| 234 | Double Crop Durum Wheat/Sorghum | Wheat/Grains | Y | 58 |
| 235 | Double Crop Barley/Sorghum | Other grains |  | 80 |
| 236 | Double Crop Winter Wheat/Sorghum | Wheat/Grains | Y | 58 |
| 237 | Double Crop Barley/Corn | Corn/Grains | Y | 18 |
| 238 | Double Crop Winter Wheat/Cotton | Cotton/Wheat | Y | 25 |
| 239 | Double Crop Soybeans/Cotton |  Soybeans/Cotton | Y | 42 |
| 240 | Double Crop Soybeans/Oats | Soybeans/Grains | Y | 48 |
| 241 | Double Crop Corn/Soybeans | Corn/Soybeans | Y | 14 |
| 242 | Blueberries | Vegetables and ground fruit |  | 61 |
| 243 | Cabbage | Vegetables and ground fruit |  | 60 |
| 244 | Cauliflower | Vegetables and ground fruit |  | 60 |
| 245 | Celery | Vegetables and ground fruit |  | 60 |
| 246 | Radishes | Vegetables and ground fruit |  | 60 |
| 247 | Turnips | Vegetables and ground fruit |  | 60 |
| 248 | Eggplants | Vegetables and ground fruit |  | 60 |
| 249 | Gourds | Vegetables and ground fruit |  | 60 |
| 250 | Cranberries | Vegetables and ground fruit |  | 61 |
| 254 | Double Crop Barley/Soybeans | Soybeans/Grains | Y | 48 |
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