

# BASEMAP

Technical documentation of a model for elaboration of a land-use and land-cover map for Denmark

Technical Report from DCE - Danish Centre for Environment and Energy

No. 11

2012



AARHUS UNIVERSITY

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## **BASEMAP**

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#### **Data Sheet**

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Abstract: Although detailed geographical data are increasingly available, for Denmark, no

current nationwide map for land cover and land use exists. Therefore the main aim of the Basemap is to combine existing thematic geographic information to establish a map for land cover and land use in Denmark. Another aim of the Basemap is to ensure full transparency of the developed methodology. This includes description of input data, pre-processing of input data and spatial modelling. In a future

perspective, this will ease the establishment of new versions of the Basemap, based on updated data. Furthermore, spatial modelling and input data can be adapted to

alternative purposes and research needs.

Key words: Basemap, land use, land cover, map, spatial modelling

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### **Preface**

The main aim of the Basemap is to establish a nationwide map for land cover and land use in Denmark. The map, which is created by the Department of Environmental Science at Aarhus University and the Department of Geography and Geology at the University of Copenhagen, combines existing thematic information for land use and land cover. Another aim of the Basemap is to ensure full transparency of the developed methodology. This includes description of input data, pre-processing of input data and spatial modelling. All data-processing and spatial modelling is embedded in ArcGIS 10 model builder. In a future perspective, this will ease the establishment of new versions of the Basemap, based on updated data. Furthermore, spatial modelling and input data can be adapted to alternative purposes and research needs.

This report contains descriptions of:

- applied input data
- pre-processing of input data
- model for combination of input data
- post-processing of model-output

An aggregated version of the Basemap with 36 land-use/land-cover classes can be assessed at: http://gis.au.dk/Basemap

### **Summary**

Although detailed geographical data are increasingly available, for Denmark, no current nationwide map for land cover and land use exists. Therefore the main aim of the Basemap is to combine existing thematic information for land use and land cover to establish a map for land cover and land use in Denmark. Applied input data include topographic data, data from nature management and nature monitoring and field parcel maps for agricultural land use. Another aim of the Basemap is to ensure full transparency of the developed methodology. This includes detailed descriptions of input data, of the applied pre-processing of input data and of the applied spatial modelling. Existing applications of the Basemap include the development of a land use/land cover map for estimations of effects of climate change; estimations of superior land use and land cover classes and calculations of connectivity between semi-natural habitats and extensive agricultural land use. The transparency of the applied methodology will, in a future perspective, ease the establishment of new versions of the Basemap, based on updated data. Furthermore, spatial modelling and input data can be adapted to alternative purposes and research needs.

### Sammenfatning

Selv om detaljeret geografisk information i stigende grad er tilgængelig, findes der intet aktuelt nationalt kort over arealanvendelse og arealdække for Danmark. Formålet med Basemap er derfor at kombinere eksisterende geografisk information til et samlet kort over arealanvendelse og arealdække for Danmark. Anvendte data omfatter topografiske data, data fra naturforvaltning og monitering samt markkort for landbrugets arealanvendelse. Et yderligere formål med Basemap er at sikre fuld gennemsigtighed af den anvendte metode. Dette omfatter beskrivelse af anvendte data, dokumentation af oparbejdning af anvendte data samt af den udviklede rumlige modellering. Basemap bliver allerede anvendt til en række formål. Eksisterende anvendelser omfatter udvikling af et arealanvendelses og arealdækkekort til vurdering af effekter af klimaændringer; estimering af overordnede arealanvendelses- og arealdækkeklasser samt analyser af rumlig sammenhæng mellem halvkulturarealer og ekstensive landbrugsarealer. Gennemsigtigheden af den anvendte metode vil gøre det lettere i fremtiden at udarbejde nye versioner af kortet baseret på opdaterede data. Derudover muliggør det, at anvendte data og den rumlige modellering kan varieres og tilpasses alternative anvendelser og forskningsbehov.

### 1 Input datasets

In the following section all input datasets, which are applied to the Basemap are presented. The term dataset refers to collections of data, originating from one source and produced and supplied by one institutional body. The term object type refers to individual land-cover/land-use classes. One dataset can contain multiple object types. The applied datasets and object types, which are selected for the Basemap, are listed in Appendix 1. The terms geometric precision refers to the precision of demarcation of object types, while the term thematic precision refers to the precision and detail of assignment of objects to land-use and land-cover types.

#### 1.1 Topographical database

The national topographic database (KORT10) is supplied by the National Survey and Cadastre of Denmark. KORT10 is based on orthophotos and insitu observations, which have been manually digitized into pre-defined classes. KORT10 contains 8 superior classes (buildings, build-up, traffic, technical, nature, hydrology, administrative and other), covering a total of 60 object types. Thorough technical documentation of the classes is provided, specifying geometric and mapping properties (FOT 2012). Geometric precision of KORT10 is very high, exceeding precision of the other applied datasets. Thematic precision is high for object types related to urban land uses and infrastructure, but generally low for object types related to habitat types. For the Basemap 33 object types are selected. While most selected classes originate from the 2011 version of KORT10 (National Survey and Cadastre 2011), some classes, which in the 2011 version were not available nationwide, originate from the 2009 version of KORT10 (National Survey and Cadastre 2009). Since KORT10 is updated with a five years' rotation, the oldest applied object types from the 2009 version do in fact represent the year 2004.

#### 1.2 Management plans for state forests

Approximately 4.5 % of the Danish terrestrial area is composed of state forests, which are managed by the Danish Nature Agency. These areas consist primarily of forested land and other habitat types. For these areas a census mapping has been conducted (Danish Nature Agency 2012). The map, which is based on in situ observations, covers 85 object types. Both geometric and thematic precision is high. The most current dataset from May 2012 is applied.

#### 1.3 Management plans for defence holdings

Approximately 0.6 % of the Danish terrestrial area is composed of defence holdings, owned and managed by the Danish Defence. These areas consist primarily of a mixture of forest and other habitat types. As for state forests a census mapping has been conducted for these areas (Danish Defence 2011). The map covers 74 object types. As for management plans for state forests, geometric and thematic precision is high. The most current dataset from November 2011 is applied.

#### 1.4 Map of protected habitat types

The map of protected habitats is a national registration of habitats, which, according to the § 3 in the Danish Nature Protection Act (Danish Ministry of the Environment 2009), are protected against direct physical changes. The

map contains six habitat types: freshwater meadows, dry meadows, coastal meadows, heather, bogs/mires and lakes/ponds. Habitats are registered if they fulfil specific biophysical criteria (mainly soil conditions and vegetation composition) and if single habitat patches or patches that are spatially connected have a total area of at least 2,500 m² (100 m² for ponds) (Danish Agency for Spatial and Environmental Planning 2009). The Danish municipalities are responsible for the maintenance of the mapping. The methods used to identify and categorize habitat types vary across the country, but are generally a combination of in situ observation and air-photo interpretation. For the Basemap the most current dataset from May 2012 is applied (Arealinformation 2012).

#### 1.5 Natura 2000 habitat types

This dataset (also called DEVANO-map) is mapped by the Danish municipalities and covers all habitat types included in the EU-habitat directive (Directive 1992/43/EC) and located within Natura2000 designated areas, which comprise approximately 7.5 % of the Danish land area. The data set, which is based on in-situ observations combined with air-photo interpretation, includes 23 habitat types represented as 23 object types. For the Basemap, the 2007 version of the map is applied (Arealinformation 2007).

#### 1.6 Field-parcel map

The agricultural information applied to the Basemap is based on data from the Integrated Administration and Control System (IACS), which is derived from the Danish agricultural register for 2010 (Ministry of Food, Agriculture and Fisheries 2011a). The register is updated annually and since 1998 Danish farmers have been obliged to provide detailed georeferenced information on area and type of land use for each agricultural field. Data are reported with reference to the specific field parcel for which agricultural subsidy applications are made. The register contains a total of 266 land-use classes represented as 266 object types in the Basemap. The field parcel map represents approx. 95 % of all agricultural land in Denmark.

#### 1.7 Field-block map

The field block map (Ministry of Food, Agriculture and Fisheries 2011b) is used for administration of EU-subsidies. The field block map demarcates land within which farmers can apply for EU-subsidies. One field block can contain up to 10 individual field parcels. For the Basemap, the field block map is applied as an addition to the field-parcel map to represent agricultural land, where no field parcels are registered.

### 2 Data processing

#### 2.1 Re-classification of input data

In the original input datasets, codes for object types are diverse and range from text strings to numbers. In order to keep the original object types, for the Basemap each object type from each input dataset is assigned an individual object code. The code consists of a string with six numbers. The first number refers to the data source (e.g. five for KORT10) the next four numbers to the object type (e.g. 2312 for railway) and the last number to an eventual sub-classification (e.g. two for railway with one or more parallel railway tracks). The application of this code means that, for instance lakes from KORT10 have a different code than lakes from the map of protected habitats or lakes from management plans for state forests. In total, 488 object types are applied to the Basemap. Original object codes, assigned object codes and object names appear from the table in Appendix 1.

#### 2.2 Elimination of topology errors

Apart from object types extracted from KORT10, all input data are vitiated by topology errors, such as spatial overlap between individual object types within one dataset. For example in the map of protected habitat types, lakes are often registered on top of other habitat types. These topology errors are eliminated applying the method, which is described in Figure 2.1.

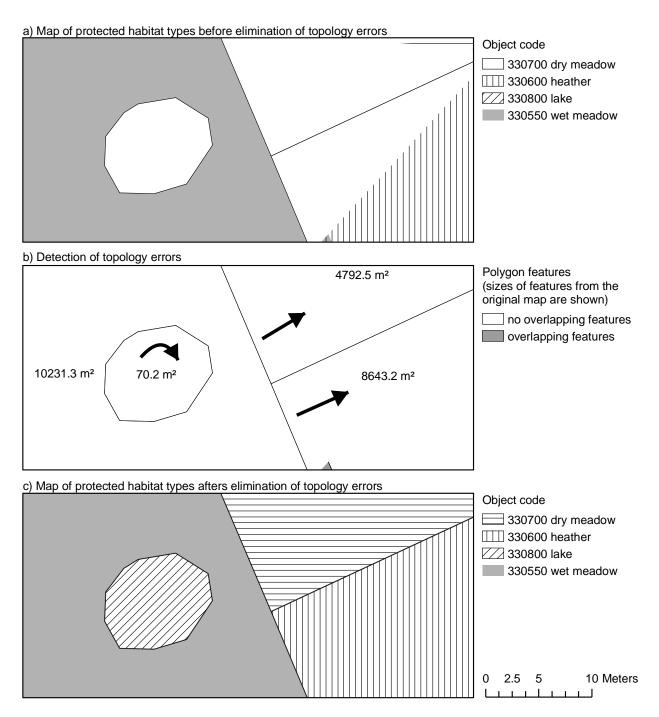


Figure 2.1 Method for elimination of topology errors illustrated for a segment of the map of protected habitats. Through conversion of the original polygon features (Figure 2.1a) to line features, and subsequently again to polygon features, all overlaps between features are transformed to individual features (Figure 2.1b). Overlapping features (topology errors) are assigned to the neighbouring, not overlapping feature with the smallest size (illustrated with arrows). In the output map (Figure 2.1c), topology errors are eliminated.

#### 2.3 Pre-processing

#### 2.3.1 Selection of lakes from KORT10

Both KORT10 and the map of protected habitats include a national registration of the object type lake. Some 60 % of lakes from KORT10 overlap with lakes from the map of protected habitats and are thus registered in both datasets. To prevent inclusion of overlapping lakes, only lakes from KORT10,

which are not registered in the map of protected habitats (i.e. do not intersect), are included in the Basemap. The selection is illustrated in Figure 2.2.

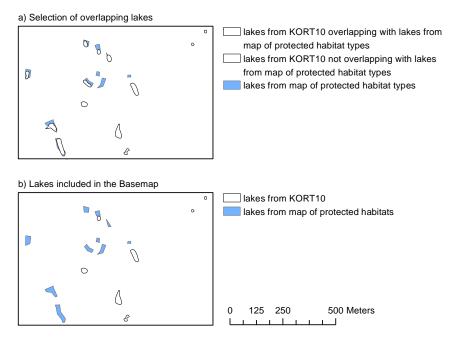


Figure 2.2 Illustration of selection of lakes for the Basemap. Lakes from KORT10, which overlap with lakes from the map of protected habitats are selected (Figure 2.2a) and subsequently excluded from the dataset (Figure 2.2b).

#### 2.3.2 Sub-classification of railways

The object type railway is in KORT10 represented as one line feature for each railway track. For analyses of e.g. habitat connectivity it is relevant to include information about whether a railway line represents one track or two or more parallel tracks, which can be assumed to a higher degree to form barriers for species' movement. All railway lines are therefore subclassified into lines with one track and lines with two or more parallel tracks. The methodology for sub-classification is illustrated in Figure 2.3.

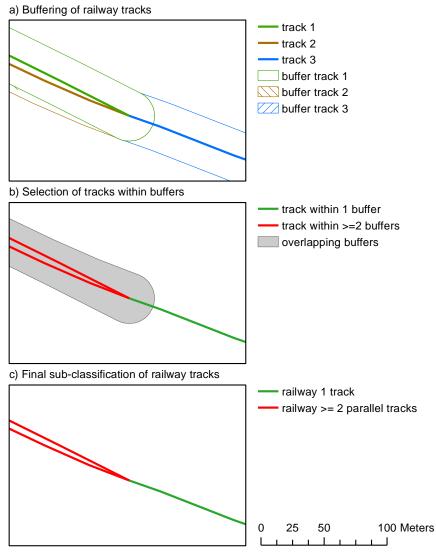


Figure 2.3 Illustration of method for sub-classification of railway tracks. All railway features are individually buffered with a width of 20 meters (Figure 2.3a). Buffers are overlaid and tracks, located within areas, where >= 2 buffers overlap, are selected (Figure 2.3b). Figure 2.3c shows the final sub-classification of railway tracks.

#### 2.4 Conversion from vector- to raster-format

All input datasets are converted to raster format with a cell-size of 10x10 meters. The "feature to raster" tool is applied. In case of datasets, which contain more than one object type, the tool always uses the cell centre to decide the value of a raster pixel. For KORT10, each of the 33 included object types are converted into individual raster datasets. Figure 2.4 illustrates conversion from vector to raster format for the field parcel map. Subsequently, all pixels with no value, i.e. pixels where input vector datasets do not contain information, are converted to 0.



Figure 2.4 Conversion from vector to raster format, exemplified for the field parcel map.

#### 2.5 Overlay

All 34 input raster datasets are combined (overlaid) into one Basemap. For the combination, rules are set up for how the single datasets (for KORT10 one dataset for each object type) should dominate each other. Dominance rules are based on an evaluation of the single dataset's geometric and thematic precision and on its relevance for the Basemap. How the single datasets dominate each other appears from Table 2.1. In principle, management plans for state forests and for defence holdings are given the highest dominance, followed by infrastructure and build-up types from KORT10 and subsequently by habitat types originating from different source. Lowest priority is given to the field parcel map and finally to the object types "land" and "sea" from KORT10. The combination of the different datasets is also schematically illustrated in Figure 2.5.

Table 2.1 Prioritisation of datasets for combination into one Basemap.

| Priority   | Datasets (for KORT10 object types)    | Source                                      |
|------------|---------------------------------------|---|
| 1          | Management plans for state forests    | Danish Nature Agency                        |
| 2          | Management plans for defence holdings | Danish Defence                              |
| 3          | Runway                                | KORT10                                      |
| 4          | Highway                               | KORT10                                      |
| 5          | Secondary highway                     | KORT10                                      |
| 6          | Railway                               | KORT10                                      |
| 7          | Road > 6 meters width                 | KORT10                                      |
| 8          | Road 3-6 meters width                 | KORT10                                      |
| 9          | Other road                            | KORT10                                      |
| 10         | Trail                                 | KORT10                                      |
| 11         | Lake                                  | KORT10                                      |
| 12         | Basin                                 | KORT10                                      |
| 13         | Stream                                | KORT10                                      |
| 15         | Stream bank                           | KORT10                                      |
| 16         | Parking lot                           | KORT10                                      |
| 1 <i>7</i> | City centre                           | KORT10                                      |
| 18         | Low built up                          | KORT10                                      |
| 19         | High built up                         | KORT10                                      |
| 20         | Building                              | KORT10                                      |
| 21         | Technical area                        | KORT10                                      |
| 22         | Industry                              | KORT10                                      |
| 23         | Harbour                               | KORT10                                      |
| 24         | Recreation area                       | KORT10                                      |
| 25         | Sports ground                         | KORT10                                      |
| 26         | Cemetery                              | KORT10                                      |
| 27         | Resource extraction                   | KORT10                                      |
| 28         | Map of protected habitats             | Municipalities                              |
| 29         | Natura2000 habitat types              | Municipalities                              |
| 30         | Forest                                | KORT10                                      |
| 31         | Wetland                               | KORT10                                      |
| 32         | Heather                               | KORT10                                      |
| 33         | Sand / dune                           | KORT10                                      |
| 34         | Field parcel map                      | Ministry of Food, Agriculture and Fisheries |
| 35         | Land                                  | KORT10                                      |
| 36         | Sea                                   | KORT10                                      |

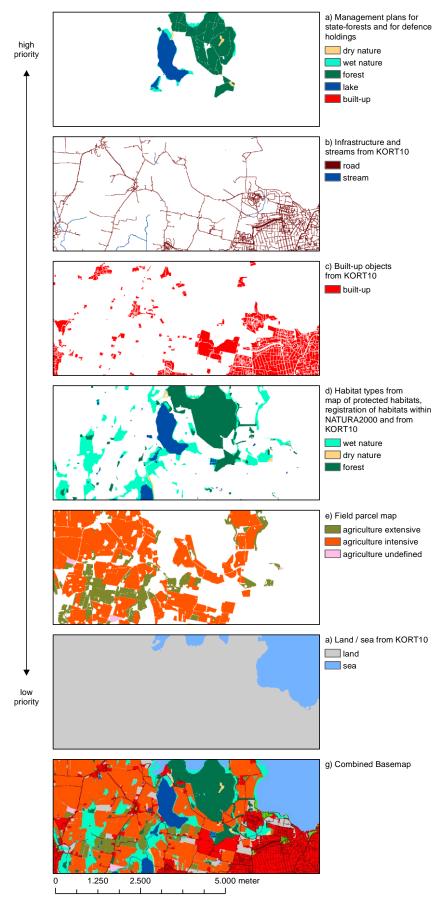


Figure 2.5 Illustration of how input datasets are combined into one Basemap.

#### 2.6 Post-processing

The combined Basemap contains a total of 464 individual object types. As a consequence of the generalisation introduced by conversion from vector to raster format and due to differences in demarcation of object types between the different input datasets, some inappropriate topological situations appear. Furthermore, approximately 5.9 % of the terrestrial area is assigned to the object type land (object code 560,000) from KORT10. In fact, these areas remain unclassified, since none of the applied input-datasets contain any information about land use or land cover for these areas. In order to reduce biases from inappropriate topological situations and to reduce the proportion of unclassified areas, a post-processing of the Basemap is applied. The post-processing steps are described in the following sections.

## 2.6.1 Elimination of roads, streams and buildings from management plans

The "feature to raster" tool, which is applied for conversion from vector format to raster format, poses a problem for the object types: roads (object codes 121000 and 221000), trail (object code 122010) and stream (object codes 12000 and 212000) from the management plans for state forests and for defence holdings. As the tool always uses the cell centre to decide the value of a raster cell, roads and streams, which in the input datasets are represented as polygon features, are in the produced raster often interrupted. Therefore, roads, trails and streams originating from management plans are eliminated and subsequently replaced with the corresponding object classes from KORT10.

Elimination is done using the focal statistics tool. The tool calculates for each input cell location a statistic of the values within a specified neighbourhood around it. All cells, which are selected for elimination, are assigned the value 0. Subsequently, for all cells with value = 0, the maximum value of neighbouring cells is calculated using a rectangular search radius of 3x3 cells. The maximum value is then assigned to the input cell. This method, which is generally applied for elimination of cells in the other post-processing steps, is illustrated in Figure 2.6. Figure 2.7 illustrates how roads originating from management plans are eliminated and subsequently overlaid with roads from KORT10.

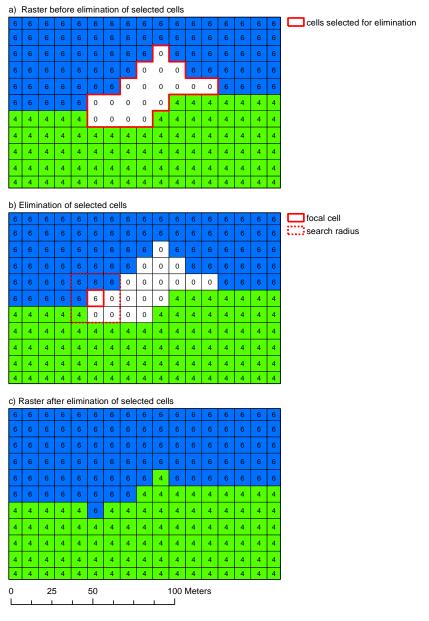
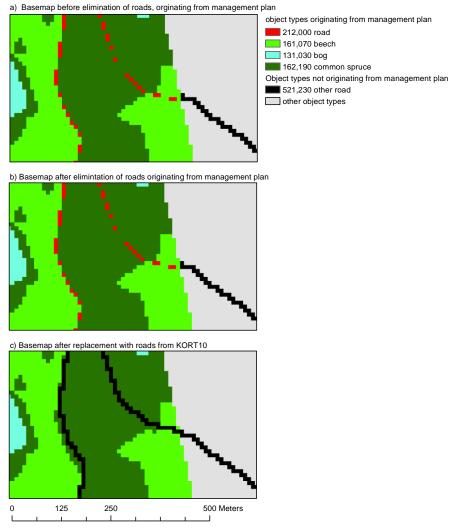


Figure 2. 6 Illustration of method for elimination of selected cells. Figure 2.6a: Cells for elimination are selected and given value = 0. Figure 2.6b: For cells with value = 0, the maximum value within a rectangular search radius of 3x3 cells is calculated and assigned to the cell. Figure 2.6c: Final raster where all cells for elimination are assigned new values.

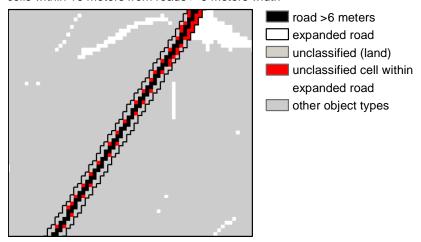


Figue 2.7 Illustration of elimination of roads from management plans for state forests. Roads originating from management plans are selected (Figure 2.7a) and assigned to neigbouring object types from management plans (Figure 2.7b). Subsequently, management plans are overlaid with roads from KORT10 (Figure 2.7c).

#### 2.6.2 Elimination of unclassified cells adjacent to roads

In KORT10, the object type road is represented as a line feature. As a consequence, in the raster format, which has a cell size of 10x10 meters, roads with a width > 6 meters, are typically underrepresented. Therefore, all roads with a width > 6 meters (object types: 521110 highway, 521120 secondary highway and 521150 road > 6 meters) are expanded by 10 meters (1 cell) to each side. Unclassified cells, which are located within this expansion, are assigned the value for the expanded object type. The methodology is illustrated in Figure 2.8. After this processing, the proportion of unclassified cells is reduced to 5.7%.

## a) Basemap before elimination of unclassified cells within 10 meters from roads > 6 meters width



## b) Basemap after elimination of unclassified cells within 10 meters from roads > 6 meters width

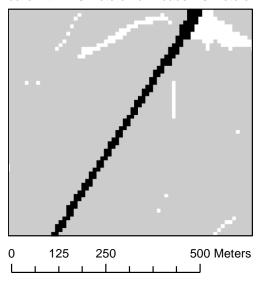


Figure 2.8 Illustration of method for elimination of unclassified cells adjacent to roads. All roads with a width > 6 meters are expanded by 1 cell (10 meters). Unclassified located within the expanded roads are selected (Figure 2.8a) and subsequently assigned the value of the road (Figure 2.8b).

#### 2.6.3 Elimination of unclassified cells at coastline

Many of the remaining areas with unclassified cells are characterised by an organically narrow shape (i.e. have a width of maximum two cells). These unclassified areas are the consequence of uncoordinated demarcation of the original input-datasets, rather than being actually unclassified. Therefore these unclassified areas are detected and subsequently eliminated. For detection, all areas with unclassified cells are first shrunk by one cell, and subsequently expanded by one cell. Areas, which disappeared, have a width of less than two cells (20 meters) and are selected for subsequent elimination. Detection of narrow unclassified areas is illustrated in Figure 2.9.

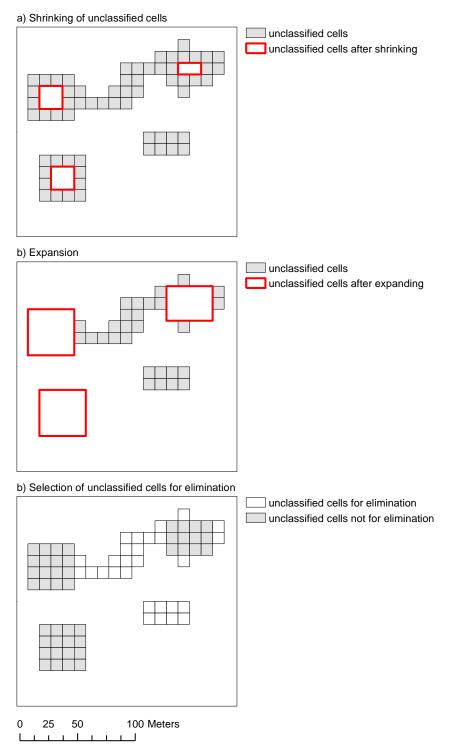


Figure 2.9 Illustration of method for detection of narrow areas with unclassified cells. All areas with unclassified cells are shrunk by one cell (Figure 2.9a) and subsequently expanded by one cell (Figure 2.9b). Cells, which are outside the expanded areas have a maximum width of two cells (20 meters) and are selected for elimination.

Many of the selected narrow areas with unclassified cells are located along the coast, and are presumably characterised by sand- or gravel- and stone-dominated beaches. Apart from larger sandy beaches, which are included in the object type 561,420 sand/dune from KORT10 and from object type 132,080 beach from the management plans for state forests, beaches are not included in the applied input datasets. In order to have a better representation of beaches, the object type 571,100 coast is assigned to all narrow un-

classified areas, which intersect with the object type coastline from KORT10. After elimination of narrow areas with unclassified cells along the coastline, the total proportion of unclassified cells is reduced to 5.6 %. The methodology is illustrated in Figure 2.10.

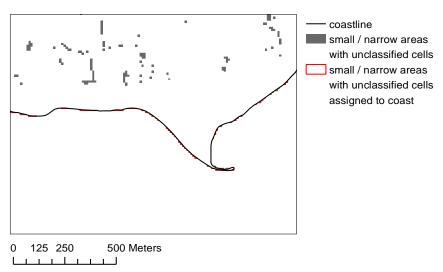


Figure 2.10 Illustration of elimination of unclassified areas at the coastline. Narrow areas with unclassified cells are assigned to the object type coast, if they intersect with the coastline.

#### 2.6.4 Elimination of remaining unclassified cells

In order to further reduce the influence of unclassified cells, detection of narrow areas with unclassified cells, as described in Section 2.6.3 and in Figure 2.9, is repeated. Subsequently, detected cells are assigned to surrounding object types applying the focal statistics tool as described in Section 2.6.1 and in Figure 2.7. However, those object types representing infrastructure, buildings and streams, which are evaluated to have a high geometric precision, were excluded. I.e. unclassified cells adjacent to e.g. a building cannot be assigned to this object class. Excluded object types are listed in Table 2.2. Elimination of remaining unclassified cells is illustrated in Figure 2.11. After application of this process, the proportion of unclassified cells is reduced to approximately 3.7%.

| Table 2.2 | Object types | which are  | excluded for | elimination a | of unclassified cells. |
|-----------|--------------|------------|--------------|---------------|------------------------|
| Tuble 2.2 | Object types | willch ale | excluded lol |               | n unclussified cells.  |

| Source | object code | object type (Danish) | object type (English) |
|--------|-------------|----------------------|-----------------------|
| KORT10 | 521110      | Motorvej             | Highway               |
| KORT10 | 521120      | Motortrafikvej       | Secondary highway     |
| KORT10 | 521150      | Vej > 6 m            | Road $> 6 \text{ m}$  |
| KORT10 | 521220      | Vej 3 - 6 m          | Road 3-6 m            |
| KORT10 | 521230      | Anden vej            | Other road            |
| KORT10 | 521300      | Sti                  | Trail                 |
| KORT10 | 523121      | Jernbane 1 spor      | Railway 1 track       |
| KORT10 | 523122      | Jernbane >=2 spor    | Railway >=2 tracks    |
| KORT10 | 525430      | Landbane             | Runway                |
| KORT10 | 532100      | Bygning              | Building              |
| KORT10 | 571100      | Kyst                 | Coast                 |
| KORT10 | 573180      | Vandløb              | Stream                |
| KORT10 | 573190      | Vandløbsbred         | Stream bank           |

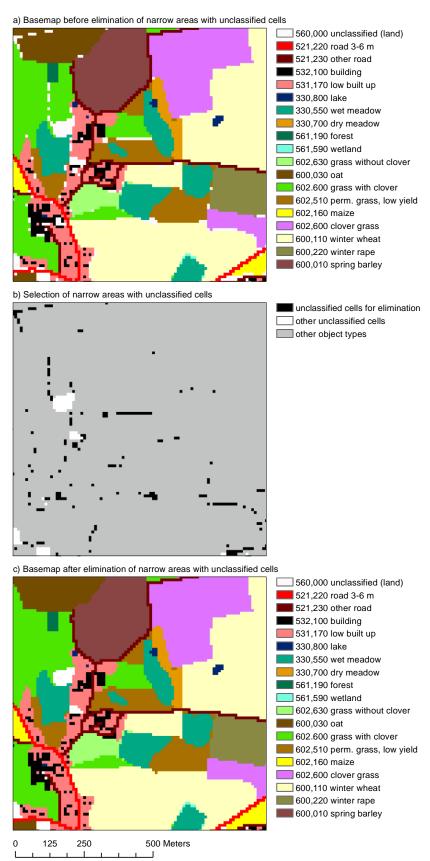


Figure 2.11 Illustration of method for elimination of narrow areas with unclassified cells. From the Basemap (Figure 2.11a) narrow areas with unclassified cells are selected (Figure 2.11b). Based on focal statistics, object types from adjacent cells are assigned to selected cells (Figure 2.11c).

#### 2.7 Combination with field block map

At this stage in the processing, information from the field block map is added to the Basemap. The field block map is principally a demarcation of areas within which farmers can apply for EU-subsidies. A large proportion of unclassified cells is located within the field block map and can be assumed to be characterised by agricultural land use, for which no subsidies have been applied. Therefore, the field block map is added to the Basemap. If unclassified cells are located within the field block map, these cells are assigned the object type 800,000 unknown agricultural land use. After adding the field block map, detection of narrow areas with unclassified cells, as described in Section 2.6.3 and in Figure 2.9 is repeated. Additionally, applying the same method, narrow areas with field blocks are detected. These narrow areas are assigned to surrounding object types, applying the method described in Figure 2.7. However, cells are only assigned to object types originating from the field parcel map. The methodology for adding the field block map is illustrated in Figure 2.12. After adding the field block map, the proportion of unclassified cells is reduced to 1.9% of the terrestrial area.

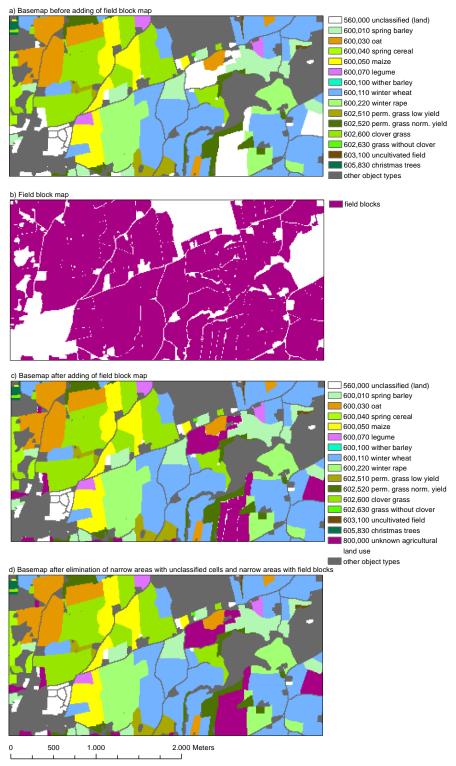


Figure 2.12 Illustration of method for combination of Basemap with field block map. Where unclassified cell in the Basemap (Figure 2.12a) are located within the field block map (Figure 2.12b), these cells are assigned to the object type 800,000 from the field block map (Figure 2.12c). Subsequently, using focal statistics, narrow areas (<= 20 meters width) with unclassified cells or with field blocks are detected and assigned to surrounding agricultural land use (Figure 2.12d).

#### 2.8 Re-classification of output raster

At this stage, the Basemap still contains 460 individual object types. For further analyses and visualisations, the number of object types can be aggregated. The choice of aggregation depends of the aim and scientific purpose, to

which the map is applied. Here, an aggregation into 36 object types is presented. This aggregation aims at giving a meaningful immediate presentation of general land-use/land-cover types. How individual object types are aggregated into the 36 classes appears from the table in Appendix 1. The aggregation is also illustrated in Figure 2.13.

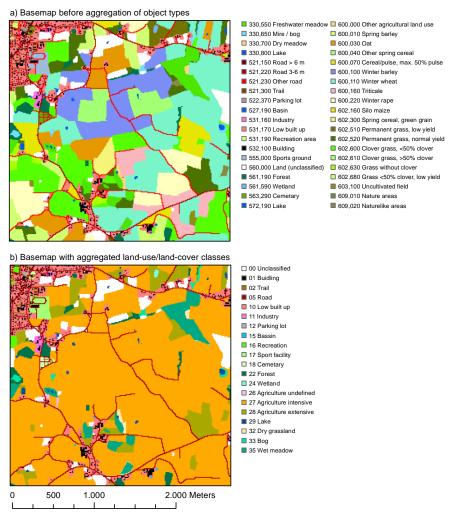


Figure 2.13 Illustration of aggregation of object types into land-use/land-cover classes. Individual object types from the Basemap (Figure 2.13a) are aggregated into meaningful land-use/land cover classes (Figure 2.13b).

### 3 Conclusion and discussion

This report aims at documenting the methodology developed to elaborate the Basemap, which is a nationwide map of land use / land cover for Denmark. The map combines existing thematic information of land use and land cover. Data processing and spatial modelling applied in this work of course imply several decisions, which affect the final output. Different data processing and spatial modelling would thus have resulted in a different output. Particularly the way how input-datasets are prioritised in the combination into one map, i.e. how datasets with high priority exclude datasets with lower priority, can be subject for discussion. However, since the methodology is kept fully transparent, the final output can always be evaluated according to the applied methodology. Furthermore, all data processing and spatial modelling steps are imbedded in ArcGIS model-builder. Therefore, alternative processing and modelling can be applied relatively easily.

Variations of the Basemap have already been applied in different contexts, such as development of a land use/land cover map for estimations of effect of climate change; estimations of superior land use and land cover classes; and calculations of connectivity between semi-natural habitats and extensive agricultural land use. Possible alternative applications of the Basemap are numerous. Furthermore, in a future perspective, other data, e.g. administrative data, such as cadastre maps or specific land use designations but also biophysical data, such as soil maps or climate data, could be included in the map.

#### References

Arealinformation (2007): Map of habitat types within Natura2000 designations (DEVANO). Copenhagen: Arealinformation. Available at: <a href="https://www.arealinfo.dk">www.arealinfo.dk</a>, assessed November 2007.

Arealinformation (2012): Map of protected habitat types. Copenhagen: Arealinformation. Copenhagen: Arealinformation. Available at: <a href="https://www.arealinfo.dk">www.arealinfo.dk</a>, assessed May 2012.

Danish Agency for Spatial and Environmental Planning (2009): Vejledning om naturbeskyttelseslovens paragraph 3 beskyttede naturtyper. Copenhagen: Danish Agency for Spatial and Environmental Planning.

Danish Defence (2011): Management plans for Defence holdings. Copenhagen: Danish Defence.

Danish Ministry of the Environment (2009): lov om naturbeskyttelse, jf. lovbekendtgørelse nr. 1042. Copenhagen: Danish Ministry of the Environment. Available at:

https://www.retsinformation.dk/Forms/R0710.aspx?id=127104

Danish Nature Agency (2012): Management plans for state forests. Copenhagen: Danish Nature Agency.

FOT (2012): Specifikation FOT 4.1 for ny-registrering og opgradering. Fællesoffentligt geografisk administrationsgrundlag. Copenhagen. Available at: <a href="http://www.fotdanmark.dk/Materiale/Files/FOTspecifikation/FOT4.1+N">http://www.fotdanmark.dk/Materiale/Files/FOTspecifikation/FOT4.1+N</a> Y\_dk.pdf

Ministry of Food, Agriculture and Fisheries (2011a): Field parcel map 2011. Copenhagen: Ministry of Food, Agriculture and Fisheries.

Ministry of Food, Agriculture and Fisheries (2011b): Field block map 2011. Copenhagen: Ministry of Food, Agriculture and Fisheries.

National Survey and Cadastre (2009): National Topographic Database 2011 (KORT10). Copenhagen: National Survey and Cadastre.

National Survey and Cadastre (2011): National Topographic Database 2011 (KORT10). Copenhagen: National Survey and Cadastre.

## Appendix 1

|                                    | Extrac- |             |          | Basemap |                  |                          |            |                     |
|------------------------------------|---------|-------------|----------|---------|------------------|--------------------------|------------|---------------------|
|                                    | tion    | original    | original | object  | Basemap object   | Basemap object           | Aggregated | Aggregated          |
| Dataset                            | year    | object code | sub-code | code    | name Danish      | name English             | lulc-class | lulc-class name     |
| Management plans for state forests | 2012    | AAN         |          | 100000  | Anden anvendelse | Other use                | 0          | Unclassified        |
| Management plans for state forests | 2012    | SØ          |          | 111020  | Sø               | Lake                     | 29         | Lake                |
| Management plans for state forests | 2012    | VLB         |          | 112000  | Vandløb          | Stream                   | 20         | Stream              |
| Management plans for state forests | 2012    | HUS         |          | 120010  | Hus etc.         | Building                 | 1          | Building            |
| Management plans for state forests | 2012    | SOM         |          | 120030  | Sommerhus        | Summer house/cottage     | 10         | Low built up        |
| Management plans for state forests | 2012    | CAM         |          | 120040  | Campingplads     | Camping site             | 16         | Recreation          |
| Management plans for state forests | 2012    | PPL         |          | 120050  | Parkeringsplads  | Parking lot              | 12         | Parking lot         |
| Management plans for state forests | 2012    | GOL         |          | 120060  | Golfbane         | Golf course              | 17         | Sport facility      |
| Management plans for state forests | 2012    | SKB         |          | 120080  | Militære anlæg   | Military installation    | 1          | Recreation          |
| Management plans for state forests | 2012    | PAR         |          | 120100  | Park             | Park / recreation ground | 16         | Recreation          |
| Management plans for state forests | 2012    | PUB         |          | 120110  | Publikumsareal   | Public area              | 16         | Recreation          |
| Management plans for state forests | 2012    | RUI         |          | 120120  | Ruin, gravhøj    | Ruin / barrow            | 16         | Recreation          |
| Management plans for state forests | 2012    | RÅG         |          | 120130  | Råstofgrav       | Resource extraction      | 19         | Resource extraction |
| Management plans for state forests | 2012    | BRP         |          | 120150  | Brændeplads      | Wood storage             | 22         | Forest              |
| Management plans for state forests | 2012    | GRG         |          | 120160  | Grusgrav         | Gravel pit               | 19         | Resource extraction |
| Management plans for state forests | 2012    | VEJ         |          | 121000  | Vej              | Road                     | 5          | Road                |
| Management plans for state forests | 2012    | STI         |          | 122010  | Sti              | Trail                    | 2          | Trail               |
| Management plans for state forests | 2012    | BÆL         |          | 122020  | Bæltevej         | Tank track               | 3          | Tank track          |
| Management plans for state forests | 2012    | BRL         |          | 123000  | Brandbælte       | Fire break               | 4          | Fire break          |
| Management plans for state forests | 2012    | ENG         |          | 131010  | Eng              | Wet meadow               | 35         | Wet meadow          |
| Management plans for state forests | 2012    | STS         |          | 131020  | Strandsump       | Coastal swamp            | 34         | Coastal meadow      |
| Management plans for state forests | 2012    | MOS         |          | 131030  | Mose             | Mire / bog               | 33         | Bog                 |
| Management plans for state forests | 2012    | STG         |          | 131040  | Strandeng        | Coastal meadow           | 34         | Coastal meadow      |
| Management plans for state forests | 2012    | MAR         |          | 131050  | Marsk            | Coastal marsh            | 34         | Coastal meadow      |

| Continued                          |      |     |        |                           |                              |    |               |
|------------------------------------|------|-----|--------|---------------------------|------------------------------|----|---------------|
| Management plans for state forests | 2012 | HED | 132010 | Hede                      | Heather                      | 31 | Heather       |
| Management plans for state forests | 2012 | KLP | 132030 | Klippe                    | Rock                         | 23 | Rock          |
| Management plans for state forests | 2012 | SLE | 132040 | Slette, Overdrev (Slette) | Plain                        | 32 | Dry grassland |
|                                    |      |     |        | Slette, Overdrev          |                              |    |               |
| Management plans for state forests | 2012 | ORE | 132050 | (overdrev)                | Dry meadow                   | 32 | Dry grassland |
| Management plans for state forests | 2012 | KLI | 132060 | Klit                      | Dune                         | 30 | Dune sand     |
| Management plans for state forests | 2012 | STB | 132080 | Strandbred                | Beach                        | 25 | Coast         |
| Management plans for state forests | 2012 | UKU | 160020 | Ukultiveret areal         | Uncultivated area            | 22 | Forest        |
| Management plans for state forests | 2012 | SKR | 160030 | Skrænt                    | Hillside                     | 22 | Forest        |
| Management plans for state forests | 2012 | HEL | 161010 | Hvidel                    | Grey alder                   | 22 | Forest        |
| Management plans for state forests | 2012 | ALØ | 161020 | Løvtræ uden særlig kode   | Not specified deciduous tree | 22 | Forest        |
| Management plans for state forests | 2012 | ASK | 161030 | Ask                       | Ash                          | 22 | Forest        |
| Management plans for state forests | 2012 | ASP | 161040 | Bævreasp                  | Aspen                        | 22 | Forest        |
| Management plans for state forests | 2012 | AVN | 161050 | Avnbøg                    | Hornbeam                     | 22 | Forest        |
| Management plans for state forests | 2012 | BIR | 161060 | Birk                      | Birch                        | 22 | Forest        |
| Management plans for state forests | 2012 | BØG | 161070 | Bøg                       | Beach                        | 22 | Forest        |
| Management plans for state forests | 2012 | CAS | 161080 | Ægte kastanie             | Sweet                        | 22 | Forest        |
| Management plans for state forests | 2012 | COF | 161090 | Contorta                  | Contorta                     | 22 | Forest        |
| Management plans for state forests | 2012 | EG  | 161100 | Eg                        | Oak                          | 22 | Forest        |
| Management plans for state forests | 2012 | EL  | 161110 | EI                        | Alder                        | 22 | Forest        |
| Management plans for state forests | 2012 | ELM | 161120 | Elm                       | Elm                          | 22 | Forest        |
| Management plans for state forests | 2012 | ÆR  | 161130 | Ær                        | Great maple                  | 22 | Forest        |
| Management plans for state forests | 2012 | HAS | 161140 | Hassel                    | Hazel                        | 22 | Forest        |
| Management plans for state forests | 2012 | KAS | 161160 | Hestekastanie             | Horse Chestnut               | 22 | Forest        |
| Management plans for state forests | 2012 | KIR | 161170 | Kirsebær                  | Cherry                       | 22 | Forest        |
| Management plans for state forests | 2012 | KRI | 161190 | Kristtorn                 | Holly                        | 22 | Forest        |
| Management plans for state forests | 2012 | LIN | 161200 | Lind                      | Lime                         | 22 | Forest        |
| Management plans for state forests | 2012 | LØN | 161210 | Spidsløn                  | Norway maple                 | 22 | Forest        |
| Management plans for state forests | 2012 | PIL | 161220 | Pil                       | Willow                       | 22 | Forest        |
| Management plans for state forests | 2012 | POP | 161230 | Poppel                    | Poplar                       | 22 | Forest        |

| Continued                          |      |     |        |                             |                               |    |                       |
|------------------------------------|------|-----|--------|-----------------------------|-------------------------------|----|-----------------------|
| Management plans for state forests | 2012 | REG | 161240 | Rødeg                       | Red oak                       | 22 | Forest                |
| Management plans for state forests | 2012 | REL | 161250 | Rødel                       | Common alder                  | 22 | Forest                |
| Management plans for state forests | 2012 | RØN | 161260 | Røn                         | Mountain ash                  | 22 | Forest                |
| Management plans for state forests | 2012 | KRT | 161280 | Krat                        | Scrub                         | 22 | Forest                |
| Management plans for state forests | 2012 | JAL | 162010 | Japansk lærk                | Japanese larch                | 22 | Forest                |
| Management plans for state forests | 2012 | AGR | 162020 | Grandis                     | Grandis                       | 22 | Forest                |
| Management plans for state forests | 2012 | ANÅ | 162030 | Nåletræ uden særlig<br>kode | Not specified coniferous tree | 22 | Forest                |
| Management plans for state forests | 2012 | AVE | 162040 | Veitchii                    | Veitchii                      | 22 | Forest                |
| Management plans for state forests | 2012 | BJF | 162050 | Bjergfyr                    | Mountain pine                 | 22 | Forest                |
| Management plans for state forests | 2012 | CRY | 162060 | Cryptomeria                 | Cryptomeria                   | 22 | Forest                |
| Management plans for state forests | 2012 | CYP | 162070 | Cypres                      | Cypress                       | 22 | Forest                |
| Management plans for state forests | 2012 | DGR | 162080 | Douglas                     | Douglas fir                   | 22 | Forest                |
| Management plans for state forests | 2012 | EUL | 162090 | Europæisk lærk              | European larch                | 22 | Forest                |
| Management plans for state forests | 2012 | FBF | 162100 | Fransk bjergfyr             | French mountain pine          | 22 | Forest                |
| Management plans for state forests | 2012 | ÆGR | 162110 | Almindelig ædelgran         | Common silver fir             | 22 | Forest                |
| Management plans for state forests | 2012 | HYL | 162120 | Hybridlærk                  | Hybrid larch                  | 22 | Forest                |
| Management plans for state forests | 2012 | WEY | 162130 | Weymouthsfyr                | Weymouth pine                 | 22 | Forest                |
| Management plans for state forests | 2012 | LÆR | 162140 | Lærk                        | Larch                         | 22 | Forest                |
| Management plans for state forests | 2012 | NGR | 162150 | Nordmannsgran               | Norman spruce                 | 22 | Forest                |
| Management plans for state forests | 2012 | NOB | 162160 | Nobilis                     | Nobilis                       | 22 | Forest                |
| Management plans for state forests | 2012 | OMO | 162170 | Omorika                     | Omorika                       | 22 | Forest                |
| Management plans for state forests | 2012 | ØSF | 162180 | Østrigsk fyr                | Austrian pine                 | 22 | Forest                |
| Management plans for state forests | 2012 | RGR | 162190 | Rødgran                     | Common spruce                 | 22 | Forest                |
| Management plans for state forests | 2012 | SGR | 162200 | Sitagran                    | Sita spruce                   | 22 | Forest                |
| Management plans for state forests | 2012 | SKF | 162210 | Skovfyr                     | Scottish pine                 | 22 | Forest                |
| Management plans for state forests | 2012 | THU | 162220 | Tuja                        | Thuja                         | 22 | Forest                |
| Management plans for state forests | 2012 | TSU | 162230 | Tsuga                       | Hemlock                       | 22 | Forest                |
| Management plans for state forests | 2012 | HGR | 162240 | Hvidgran                    | White spruce                  | 22 | Forest                |
| Management plans for state forests | 2012 | AGE | 170010 | Ager                        | Field                         | 27 | Agriculture intensive |

| Continued                             |      |     |        |                           |                            |    |                       |
|---------------------------------------|------|-----|--------|---------------------------|----------------------------|----|-----------------------|
| Management plans for state forests    | 2012 | PSK | 170020 | Planteskole               | Forest nursery             | 27 | Agriculture intensive |
|                                       |      |     |        | Slette, Overdrev          |                            |    |                       |
| Management plans for state forests    | 2012 | GRÆ | 171010 | (græsset)                 | Grazed plain               | 32 | Dry grassland         |
| Management plans for state forests    | 2012 | VAG | 171020 | Vildtager                 | Gaming area                | 28 | Agriculture extensive |
| Management plans for defence holdings | 2011 | AAN | 200000 | Anden anvendelse          | Other use                  | 0  | Unclassified          |
| Management plans for defence holdings | 2011 | BRD | 211010 | Branddam                  | Static water tank          | 15 | Basin                 |
| Management plans for defence holdings | 2011 | SØ  | 211020 | Sø                        | Lake                       | 29 | Lake                  |
| Management plans for defence holdings | 2011 | VLB | 212000 | Vandløb                   | Stream                     | 20 | Stream                |
| Management plans for defence holdings | 2011 | HUS | 220010 | Hus etc.                  | Building                   | 1  | Building              |
|                                       |      |     |        | Areal omkring             |                            |    |                       |
| Management plans for defence holdings | 2011 | KLG | 220020 | bebyggelse                | Area surrounding buildings | 1  | Building              |
| Management plans for defence holdings | 2011 | FUT | 220070 | Øvelsesareal              | Practice ground            | 1  | Building              |
| Management plans for defence holdings | 2011 | SKB | 220080 | Militære anlæg            | Military installation      | 1  | Building              |
|                                       |      |     |        | Øvelsesareal              |                            |    |                       |
| Management plans for defence holdings | 2011 | LUØ | 220090 | (ubevokset bar)           | Practice ground (bare)     | 1  | Building              |
| Management plans for defence holdings | 2011 | PUB | 220110 | Publikumsareal            | Public area                | 16 | Recreation            |
| Management plans for defence holdings | 2011 | BAN | 220140 | Skydebane                 | shooting range             | 1  | Building              |
| Management plans for defence holdings | 2011 | GRU | 220170 | Grusgrav                  | Gravel pit                 | 19 | Resource extraction   |
| Management plans for defence holdings | 2011 | VEJ | 221000 | Vej                       | Road                       | 5  | Road                  |
| Management plans for defence holdings | 2011 | BÆL | 222020 | Bæltevej                  | Tank track                 | 3  | Tank track            |
| Management plans for defence holdings | 2011 | BRL | 223000 | Brandbælte                | Fire break                 | 4  | Fire break            |
| Management plans for defence holdings | 2011 | ENG | 231010 | Eng                       | Wet meadow                 | 35 | Wet meadow            |
| Management plans for defence holdings | 2011 | STS | 231020 | Strandsump                | Coastal swamp              | 34 | Coastal meadow        |
| Management plans for defence holdings | 2011 | MOS | 231030 | Mose                      | Mire / bog                 | 33 | Bog                   |
| Management plans for defence holdings | 2011 | STG | 231040 | Strandeng                 | Coastal meadow             | 34 | Coastal meadow        |
| Management plans for defence holdings | 2011 | MAR | 231050 | Marsk                     | Coastal marsh              | 34 | Coastal meadow        |
| Management plans for defence holdings | 2011 | HED | 232010 | Hede                      | Heather                    | 31 | Heather               |
| Management plans for defence holdings | 2011 | FRI | 232020 | Frit areal (overdrev)     | Open area                  | 32 | Dry grassland         |
| Management plans for defence holdings | 2011 | SLE | 232040 | Slette, Overdrev (Slette) | Plain                      | 32 | Dry grassland         |
|                                       |      |     |        | Slette, Overdrev          |                            |    |                       |
| Management plans for defence holdings | 2011 | ORE | 232050 | (overdrev)                | Dry meadow                 | 32 | Dry grassland         |

| Continued                             |      |     |        |                   |                   |    |           |
|---------------------------------------|------|-----|--------|-------------------|-------------------|----|-----------|
| Management plans for defence holdings | 2011 | KLI | 232060 | Klit              | Dune              | 30 | Dune sand |
| Management plans for defence holdings | 2011 | STO | 232070 | Hede              | Heather           | 31 | Heather   |
| Management plans for defence holdings | 2011 | STB | 232080 | Strandbred        | Beach             | 25 | Coast     |
| Management plans for defence holdings | 2011 | MLU | 260010 | Skovrydning       | Forest clearing   | 22 | Forest    |
| Management plans for defence holdings | 2011 | UKU | 260020 | Ukultiveret areal | Uncultivated area | 22 | Forest    |
| Management plans for defence holdings | 2011 | SKR | 260030 | Skrænt            | Hillside          | 22 | Forest    |
| Management plans for defence holdings | 2011 | UBV | 260040 | Ubevokset         | Bare              | 22 | Forest    |
| Management plans for defence holdings | 2011 | HEL | 261010 | Hvidel            | Grey alder        | 22 | Forest    |
|                                       |      |     |        | Løvtræ uden       | Not specified     |    |           |
| Management plans for defence holdings | 2011 | ALØ | 261020 | særlig kode       | deciduous tree    | 22 | Forest    |
| Management plans for defence holdings | 2011 | ASK | 261030 | Ask               | Ash               | 22 | Forest    |
| Management plans for defence holdings | 2011 | ASP | 261040 | Bævreasp          | Aspen             | 22 | Forest    |
| Management plans for defence holdings | 2011 | BIR | 261060 | Birk              | Birch             | 22 | Forest    |
| Management plans for defence holdings | 2011 | BØG | 261070 | Bøg               | Beach             | 22 | Forest    |
| Management plans for defence holdings | 2011 | COF | 261090 | Contorta          | Contorta          | 22 | Forest    |
| Management plans for defence holdings | 2011 | EG  | 261100 | Eg                | Oak               | 22 | Forest    |
| Management plans for defence holdings | 2011 | EL  | 261110 | EI                | Alder             | 22 | Forest    |
| Management plans for defence holdings | 2011 | ELM | 261120 | Elm               | Elm               | 22 | Forest    |
| Management plans for defence holdings | 2011 | ÆR  | 261130 | Ær                | Great maple       | 22 | Forest    |
| Management plans for defence holdings | 2011 | VÆR | 261150 | Bevokset (skov)   | Covered (forest)  | 22 | Forest    |
| Management plans for defence holdings | 2011 | KIR | 261170 | Kirsebær          | Cherry            | 22 | Forest    |
| Management plans for defence holdings | 2011 | KRA | 261180 | Krat (skov)       | Scrub             | 22 | Forest    |
| Management plans for defence holdings | 2011 | LIN | 261200 | Lind              | Lime              | 22 | Forest    |
| Management plans for defence holdings | 2011 | PIL | 261220 | Pil               | Willow            | 22 | Forest    |
| Management plans for defence holdings | 2011 | POP | 261230 | Poppel            | Poplar            | 22 | Forest    |
| Management plans for defence holdings | 2011 | REG | 261240 | Rødeg             | Red oak           | 22 | Forest    |
| Management plans for defence holdings | 2011 | REL | 261250 | Rødel             | Common alder      | 22 | Forest    |
| Management plans for defence holdings | 2011 | RØN | 261260 | Røn               | Mountain ash      | 22 | Forest    |
| Management plans for defence holdings | 2011 | GRA | 261270 | Bevokset (skov)   | Covered (forest)  | 22 | Forest    |
| Management plans for defence holdings | 2011 | KRT | 261280 | Krat              | Scrub             | 22 | Forest    |

| Continued                             |      |      |        |                         |                      |    |                       |
|---------------------------------------|------|------|--------|-------------------------|----------------------|----|-----------------------|
| Management plans for defence holdings | 2011 | JAL  | 262010 | Japansk lærk            | Japanese larch       | 22 | Forest                |
| Management plans for defence holdings | 2011 | AGR  | 262020 | Grandis                 | Grandis              | 22 | Forest                |
|                                       |      |      |        | Nåletræ uden            | Not specified        |    |                       |
| Management plans for defence holdings | 2011 | ANÅ  | 262030 | særlig kode             | coniferous tree      | 22 | Forest                |
| Management plans for defence holdings | 2011 | BJF  | 262050 | Bjergfyr                | Mountain pine        | 22 | Forest                |
| Management plans for defence holdings | 2011 | CYP  | 262070 | Cypres                  | Cypress              | 22 | Forest                |
| Management plans for defence holdings | 2011 | DGR  | 262080 | Douglas                 | Douglas fir          | 22 | Forest                |
| Management plans for defence holdings | 2011 | EUL  | 262090 | Europæisk lærk          | European larch       | 22 | Forest                |
| Management plans for defence holdings | 2011 | FBF  | 262100 | Frans bjergfyr          | French mountain pine | 22 | Forest                |
| Management plans for defence holdings | 2011 | ÆGR  | 262110 | Almindelig ædelgran     | Common silver fir    | 22 | Forest                |
| Management plans for defence holdings | 2011 | LÆR  | 262140 | Lærk                    | Larch                | 22 | Forest                |
| Management plans for defence holdings | 2011 | NGR  | 262150 | Nordmannsgran           | Norman spruce        | 22 | Forest                |
| Management plans for defence holdings | 2011 | NOB  | 262160 | Nobilis                 | Nobilis              | 22 | Forest                |
| Management plans for defence holdings | 2011 | ОМО  | 262170 | Omorika                 | Omorika              | 22 | Forest                |
| Management plans for defence holdings | 2011 | ØSF  | 262180 | Østrigsk fyr            | Austrian pine        | 22 | Forest                |
| Management plans for defence holdings | 2011 | RGR  | 262190 | Rødgran                 | Common spruce        | 22 | Forest                |
| Management plans for defence holdings | 2011 | SGR  | 262200 | Sitagran                | Sita spruce          | 22 | Forest                |
| Management plans for defence holdings | 2011 | SKF  | 262210 | Skovfyr                 | Scottish pine        | 22 | Forest                |
| Management plans for defence holdings | 2011 | HGR  | 262240 | Hvidgran                | White spruce         | 22 | Forest                |
| Management plans for defence holdings | 2011 | AGE  | 270010 | Ager                    | Field                | 27 | Agriculture intensive |
|                                       |      |      |        | Slette, Overdrev (græs- |                      |    |                       |
| Management plans for defence holdings | 2011 | GRÆ  | 271010 | set)                    | Grazed plain         | 32 | Dry grassland         |
| Management plans for defence holdings | 2011 | VAG  | 271020 | Vildtager               | Gaming area          | 28 | Agriculture extensive |
| Map of protected habitat types        | 2012 | 3055 | 330550 | Fersk eng               | Freshwater meadow    | 35 | Wet meadow            |
| Map of protected habitat types        | 2012 | 3060 | 330600 | Hede                    | Heather              | 31 | Heather               |
| Map of protected habitat types        | 2012 | 3065 | 330650 | Mose                    | Mire / bog           | 33 | Bog                   |
| Map of protected habitat types        | 2012 | 3070 | 330700 | Overdrev                | Dry meadow           | 32 | Dry grassland         |
| Map of protected habitat types        | 2012 | 3075 | 330750 | Strandeng               | Coastal meadow       | 34 | Coastal meadow        |
| Map of protected habitat types        | 2012 | 3080 | 330800 | Sø                      | Lake                 | 29 | Lake                  |
| Natura2000 habitat types              | 2007 | 1330 | 413300 | Strandeng               | Coastal meadow       | 34 | Coastal meadow        |

| Continued                       |      |      |   |        |                          |                         |    |               |
|---------------------------------|------|------|---|--------|--------------------------|-------------------------|----|---------------|
| Natura2000 habitat types        | 2007 | 1340 |   | 413400 | Indlandssalteng          | Inland salt marsh       | 35 | Wet meadow    |
| Natura2000 habitat types        | 2007 | 2130 |   | 421300 | Grå/grøn klit            | Grey / green dune       | 30 | Dune sand     |
| Natura2000 habitat types        | 2007 | 2140 |   | 421400 | Klithede                 | Dune heather            | 31 | Heather       |
| Natura2000 habitat types        | 2007 | 2190 |   | 421900 | Klitlavning              | Dune dip                | 30 | Dune sand     |
| Natura2000 habitat types        | 2007 | 2250 |   | 422500 | Enebærklit               | Dune with juniper       | 30 | Dune sand     |
| Natura2000 habitat types        | 2007 | 2310 |   | 423100 | Visse-indlandsklit       | Dune with needle furze  | 30 | Dune sand     |
| Natura2000 habitat types        | 2007 | 2320 |   | 423200 | Revling-indlandsklit     | Dune with crowberry     | 30 | Dune sand     |
| Natura2000 habitat types        | 2007 | 2330 |   | 423300 | Græs-indlandsklit        | Inland dune with grass  | 30 | Dune sand     |
| Natura2000 habitat types        | 2007 | 4010 |   | 440100 | Våd hede                 | Wet dune                | 31 | Heather       |
| Natura2000 habitat types        | 2007 | 4030 |   | 440300 | Tør hede                 | Dry dune                | 31 | Heather       |
| Natura2000 habitat types        | 2007 | 5130 |   | 451300 | Enekrat                  | Dune with juniper       | 31 | Heather       |
|                                 |      |      |   |        | Tør overdrev på kalkhol- |                         |    |               |
| Natura2000 habitat types        | 2007 | 6120 |   | 461200 | digt sand                | Dry meadow on limestone | 32 | Dry grassland |
| Natura2000 habitat types        | 2007 | 6210 |   | 462100 | Kalkoverdrev             | Dry meadow on limestone | 32 | Dry grassland |
| Natura2000 habitat types        | 2007 | 6230 |   | 462300 | Surt overdrev            | Acid dry meadow         | 32 | Dry grassland |
| Natura2000 habitat types        | 2007 | 6410 |   | 464100 | Tidvis våd eng           | Periodically wet meadow | 35 | Wet meadow    |
| Natura2000 habitat types        | 2007 | 7110 |   | 471100 | Højmose                  | Raised bog              | 33 | Bog           |
| Natura2000 habitat types        | 2007 | 7120 |   | 471200 | Nedbrudt højmose         | Degraded raised bog     | 33 | Bog           |
| Natura2000 habitat types        | 2007 | 7140 |   | 471400 | Hængesæk                 | Bog                     | 33 | Bog           |
| Natura2000 habitat types        | 2007 | 7150 |   | 471500 | Tørvelavning             | Peat dip                | 33 | Bog           |
| Natura2000 habitat types        | 2007 | 7210 |   | 472100 | Avneknippemose           | Bog with twig rush      | 33 | Bog           |
| Natura2000 habitat types        | 2007 | 7220 |   | 472200 | Kildevæld                | Spring                  | 33 | Bog           |
| Natura2000 habitat types        | 2007 | 7230 |   | 472300 | Rigkær                   | Rich pond               | 33 | Bog           |
| Topographical database (KORT10) | 2011 | 2100 | 1 | 521110 | Motorvej                 | Highway                 | 5  | Road          |
| Topographical database (KORT10) | 2011 | 2100 | 2 | 521120 | Motortrafikvej           | Secondary highway       | 5  | Road          |
| Topographical database (KORT10) | 2011 | 2100 | 3 | 521150 | Vej over 6 m             | Road > 6 m              | 5  | Road          |
| Topographical database (KORT10) | 2011 | 2100 | 4 | 521220 | Vej 3 - 6 m              | Road 3-6 m              | 5  | Road          |
| Topographical database (KORT10) | 2011 | 2100 | 5 | 521230 | Anden vej                | Other road              | 5  | Road          |
| Topographical database (KORT10) | 2011 | 2100 | 7 | 521300 | Sti                      | Trail                   | 2  | Trail         |
| Topographical database (KORT10) | 2009 | 2237 |   | 522370 | Parkering                | Parking lot             | 12 | Parking lot   |

| <del></del>             |    |                             |                   |        |      | _    |                                 |
|-------------------------|----|-----------------------------|-------------------|--------|------|------|---------------------------------|
|                         |    |                             |                   |        |      |      | Continued                       |
| Rail                    | 6  | Railway 1 track             | Jernbane 1 spor   | 523121 | 2312 | 2009 | Topographical database (KORT10) |
| Rail                    | 6  | Railway >=2 tracks          | Jernbane >=2 spor | 523122 | 2312 | 2009 | Topographical database (KORT10) |
| 7 Runway                | 7  | Runway                      | Landingsbane      | 525430 | 2543 | 2011 | Topographical database (KORT10) |
| Technical area          | 13 | Technical area              | Teknisk areal     | 527000 | 2700 | 2011 | Topographical database (KORT10) |
| Basin Basin             | 15 | Basin                       | Bassin            | 527190 | 2719 | 2009 | Topographical database (KORT10) |
| City centre             | 8  | City centre                 | Bykerne           | 531130 | 3113 | 2011 | Topographical database (KORT10) |
| Industry                | 11 | Industry                    | Industri          | 531160 | 3116 | 2011 | Topographical database (KORT10) |
| Low built up            | 10 | Low built up                | Lav bebyggelse    | 531170 | 3117 | 2011 | Topographical database (KORT10) |
| High built up           | 9  | High built up               | Høj bebyggelse    | 531180 | 3118 | 2011 | Topographical database (KORT10) |
| Recreation              | 16 | Recreation area             | Rekreativt omr    | 531190 | 3119 | 2009 | Topographical database (KORT10) |
| Building                | 1  | Building                    | Bygning           | 532100 | 3210 | 2011 | Topographical database (KORT10) |
| Resource extraction     | 19 | Resource extraction         | Raastof           | 551300 | 5130 | 2011 | Topographical database (KORT10) |
| Sport facility          | 17 | Sports ground               | Sportsanlæg       | 555000 | 5500 | 2011 | Topographical database (KORT10) |
| Unclassified            | 0  | Land                        | Land              | 560000 | 6000 | 2011 | Topographical database (KORT10) |
| P Forest                | 22 | Forest                      | Skov              | 561190 | 6119 | 2011 | Topographical database (KORT10) |
| ' Agriculture intensive | 27 | Horticulture                | Gartneri          | 561340 | 6134 | 2009 | Topographical database (KORT10) |
| Heather                 | 31 | Heather                     | Hede              | 561390 | 6139 | 2011 | Topographical database (KORT10) |
| Dune sand               | 30 | Sand / dune                 | Sand Klit         | 561420 | 6142 | 2011 | Topographical database (KORT10) |
| Wetland                 | 24 | Wetland                     | Vådområde         | 561590 | 6159 | 2011 | Topographical database (KORT10) |
| Cemetery                | 18 | Cemetery                    | Kirkegård         | 563290 | 6329 | 2011 | Topographical database (KORT10) |
| Sea                     | 21 | Sea                         | Hav               | 570000 | 7000 | 2011 | Topographical database (KORT10) |
| Lake                    | 29 | Lake                        | Sø                | 572190 | 7219 | 2011 | Topographical database (KORT10) |
| Stream                  | 20 | Stream                      | vandløb           | 573180 | 7318 | 2009 | Topographical database (KORT10) |
| Stream                  | 20 | Stream bank                 | Vandløbsbred      | 573190 | 7319 | 2009 | Topographical database (KORT10) |
| Coast                   | 25 | Coast                       | Kyst              | 571100 | 7110 | 2011 | Topographical database (KORT10) |
| Harbour                 | 14 | Harbour                     | Havn              | 524390 | 2439 | 2011 | Topographical database (KORT10) |
| Agriculture undefined   | 26 | Other agricultural land use | anden afgrøde     | 600000 | 0    | 2011 | Field parcel map                |
| Agriculture intensive   | 27 | Spring barley               | Vårbyg            | 600010 | 1    | 2011 | Field parcel map                |
| Agriculture intensive   | 27 | Spring wheat                | Vårhvede          | 600020 | 2    | 2011 | Field parcel map                |
| Agriculture intensive   | 27 | Oat                         | Havre             | 600030 | 3    | 2011 | Field parcel map                |

| Continued        |      |    |        |                          |                               |    |                       |
|------------------|------|----|--------|--------------------------|-------------------------------|----|-----------------------|
| Field parcel map | 2011 | 4  | 600040 | Andre kornarter, vårsået | Other spring cereal           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 5  | 600050 | Majs til modenhed        | Maize to maturity             | 27 | Agriculture intensive |
| Field parcel map | 2011 | 6  | 600060 | Vårhvede, brødhvede      | Spring wheat, near cereal     | 27 | Agriculture intensive |
|                  |      |    |        | Korn/bælgsæd max.        |                               |    |                       |
| Field parcel map | 2011 | 7  | 600070 | 50% bælgsæd              | Cereal/pulse, max. 50% pulse  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 10 | 600100 | Vinterbyg                | Winter barley                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 11 | 600110 | Vinterhvede              | Winter wheat                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 13 | 600130 | Vinterhvede, brødhv.     | Wither wheat, near cereal     | 27 | Agriculture intensive |
| Field parcel map | 2011 | 14 | 600140 | Vinterrug                | Winter rye                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 15 | 600150 | Hybridrug                | Hybrid rye                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 16 | 600160 | Triticale                | Triticale                     | 27 | Agriculture intensive |
|                  |      |    |        | Andre kornarter,         |                               |    |                       |
| Field parcel map | 2011 | 17 | 600170 | efterårssået             | Other winter cereals          | 27 | Agriculture intensive |
| Field parcel map | 2011 | 21 | 600210 | Vårraps                  | Spring rape                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 22 | 600220 | Vinterraps               | Winter rape                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 23 | 600230 | Raps                     | Rape                          | 27 | Agriculture intensive |
| Field parcel map | 2011 | 24 | 600240 | Solsikke                 | Sunflower                     | 27 | Agriculture intensive |
| Field parcel map | 2011 | 25 | 600250 | Sojabønner               | Soya bean                     | 27 | Agriculture intensive |
| Field parcel map | 2011 | 30 | 600300 | Ærter                    | Pea                           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 31 | 600310 | Hestebønner              | Broad bean                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 32 | 600320 | Sødlupin                 | Lupine                        | 27 | Agriculture intensive |
| Field parcel map | 2011 | 35 | 600350 | Flerårig bælgsæd         | Perennial pulses              | 27 | Agriculture intensive |
|                  |      |    |        | Anden bælgsæd til        |                               |    |                       |
| Field parcel map | 2011 | 36 | 600360 | modenhed                 | Other pulses to maturity      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 40 | 600400 | Oliehør                  | Flax grown as an oilseed crop | 27 | Agriculture intensive |
| Field parcel map | 2011 | 41 | 600410 | Spindhør                 | Fibre flax                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 42 | 600420 | Hamp                     | Hemp                          | 27 | Agriculture intensive |
| Field parcel map | 2011 | 44 | 600440 | Andet                    | Other                         | 26 | Agriculture undefined |
| Field parcel map | 2011 | 50 | 600500 | Andet                    | Other                         | 26 | Agriculture undefined |
| Field parcel map | 2011 | 52 | 600520 | Andet                    | Other                         | 26 | Agriculture undefined |

| Continued        |      |     |        |                              |                              |    |                       |
|------------------|------|-----|--------|------------------------------|------------------------------|----|-----------------------|
| Field parcel map | 2011 | 58  | 600580 | Andet                        | Other                        | 26 | Agriculture undefined |
| Field parcel map | 2011 | 101 | 601010 | Rajgræsfrø, alm.             | Rye grass seed               | 27 | Agriculture intensive |
|                  |      |     |        | Rajgræsfrø, alm.             |                              |    |                       |
| Field parcel map | 2011 | 102 | 601020 | 1. år, efterårsudlagt        | Rye grass seed, fall planted | 27 | Agriculture intensive |
| Field parcel map | 2011 | 103 | 601030 | Rajgræsfrø, ital.            | Italian rye grass seed       | 27 | Agriculture intensive |
|                  |      |     |        | Rajgr.frø ital. 1. år efter- | Italian rye grass            |    |                       |
| Field parcel map | 2011 | 104 | 601040 | slæt                         | seed, fall planted           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 105 | 601050 | Timothefrø                   | Timothy seed                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 106 | 601060 | Hundegræsfrø                 | Orchard grass seed           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 107 | 601070 | Engsvingelfrø                | Fescue grass seed            | 27 | Agriculture intensive |
| Field parcel map | 2011 | 108 | 601080 | Rødsvingelfrø                | Red fescue seed              | 27 | Agriculture intensive |
| Field parcel map | 2011 | 109 | 601090 | Rajsvingel                   | Festulolium                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 110 | 601100 | Stivbladet svingelfrø        | Stiff-leaved fescue seed     | 27 | Agriculture intensive |
| Field parcel map | 2011 | 111 | 601110 | Strandsvingelfrø             | Festuca littorea seed        | 27 | Agriculture intensive |
|                  |      |     |        | Engrapgræsfrø (mark-         | Smooth meadow grass          |    |                       |
| Field parcel map | 2011 | 112 | 601120 | type)                        | seed (field type)            | 27 | Agriculture intensive |
|                  |      |     |        | Engrapsgræsfrø (plæn-        | Smooth meadow grass          |    |                       |
| Field parcel map | 2011 | 113 | 601130 | type)                        | seed (lawn type)             | 27 | Agriculture intensive |
| Field parcel map | 2011 | 114 | 601140 | Alm. rapgræsfrø              | Meadow grass seed            | 27 | Agriculture intensive |
|                  |      |     |        | Hvenefrø, alm. og            | Browntop/bent                |    |                       |
| Field parcel map | 2011 | 115 | 601150 | krybende                     | grass seed                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 116 | 601160 | Rajgræs, hybrid              | Rye grass, hybrid            | 27 | Agriculture intensive |
|                  |      |     |        | Rajgræs efterårsudl.         | Rye grass seed,              |    |                       |
| Field parcel map | 2011 | 117 | 601170 | hybrid                       | fall planted, hybrid         | 27 | Agriculture intensive |
| Field parcel map | 2011 | 120 | 601200 | Kløverfrø                    | Clover seed                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 121 | 601210 | Græsmarksbælgplanter         | Grass field pulses           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 122 | 601220 | Kommenfrø                    | Caraway seed                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 123 | 601230 | Valmuefrø                    | Poppy seed                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 124 | 601240 | Spinatfrø                    | Spinach seed                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 125 | 601250 | Bederoefrø                   | Beet seed                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 126 | 601260 | Andet markfrø til udsæd      | Other seed for sowing        | 27 | Agriculture intensive |

| Continued              |      |     |        |                            |                            |    |                               |
|------------------------|------|-----|--------|----------------------------|----------------------------|----|-------------------------------|
| Field parcel map       | 2011 | 130 | 601300 | Andet                      | Other                      | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 150 | 601500 | Læggekartofler             | Seed potato                | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 151 | 601510 | Stivelseskartofler         | Starch potato              | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 152 | 601520 | Spisekartofler             | Potato for consumption     | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 153 | 601530 | Kartofler, andre           | Potato other               | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 160 | 601600 | Roer til fabrik            | Beet for industry          | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 161 | 601610 | Cikorierødder              | Chicory root               | 27 | Agriculture intensive         |
|                        |      |     |        |                            | Other crop/root crop       |    |                               |
| Field parcel map       | 2011 | 162 | 601620 | Andre industriafgr./rodfr. | for industry               | 27 | Agriculture intensive         |
|                        |      |     |        | Græs/kløvergr. til fabrik  |                            |    |                               |
| Field parcel map       | 2011 | 170 | 601700 | (omdrift)                  | Grass/clover for industry  | 27 | Agriculture intensive         |
|                        | 0011 | 171 | (01710 | Lucerne slæt + eget        | Lucerne for harvest and    | 07 |                               |
| Field parcel map       | 2011 | 171 | 601710 | foder                      | own fodder                 | 27 | Agriculture intensive         |
| Field a sus all as sus | 2011 | 172 | (01700 | Lucerne m/min 25%          | Lucerne for harvest and    | 07 | A mui au deu una imetamais sa |
| Field parcel map       |      |     | 601720 | græs slet(+eget foder)     | own fodder, min. 25% grass | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 173 | 601730 | Kløver til slæt.           | Clover for harvest         | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 174 | 601740 | Kløvergræs til fabrik      | Clover for industry        | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 180 | 601800 | Gul sennep                 | White mustard              | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 181 | 601810 | Anden oliefrøart           | Other oil seed             | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 200 | 602000 | Fragået mark               | Ceased field               | 28 | Agriculture extensive         |
| Field parcel map       | 2011 | 201 | 602010 | Sammenlagt mark            | Merged field               | 27 | Agriculture intensive         |
|                        |      |     |        |                            | Ceased field, production   |    |                               |
| Field parcel map       | 2011 | 202 | 602020 | Fragået mark, prod.skifte  | change                     | 28 | Agriculture extensive         |
| Field parcel map       | 2011 | 210 | 602100 | Vårbyg, helsæd             | Spring barley, wholecrop   | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 211 | 602110 | Vårhvede, helsæd           | Spring wheat, wholecrop    | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 212 | 602120 | Havre, helsæd              | Oat, wholecrop             | 27 | Agriculture intensive         |
|                        |      |     |        | Blandkorn, vårsået,        |                            |    |                               |
| Field parcel map       | 2011 | 213 | 602130 | helsæd                     | Dredge corn, wholecrop     | 27 | Agriculture intensive         |
|                        |      |     |        | Korn/bælgsæd, helsæd,      | Cereal, pulse, wholecrop   |    |                               |
| Field parcel map       | 2011 | 214 | 602140 | maks. 50% bælgsæd          | max. 50% pulse             | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 215 | 602150 | Ærtehelsæd                 | Pea, wholecrop             | 27 | Agriculture intensive         |
| Field parcel map       | 2011 | 216 | 602160 | Silomajs                   | Silo maize                 | 27 | Agriculture intensive         |

| Continued        |      |     |        |   |  |    |                       |
|------------------|------|-----|--------|---|--|----|-----------------------|
| Field parcel map | 2011 | 218 | 602180 | Andet   | Other  | 26 | Agriculture undefined |
| Field parcel map | 2011 | 220 | 602200 | Vinterbyg, helsæd                                   | Winter barley, wholecrop                             | 27 | Agriculture intensive |
| Field parcel map | 2011 | 221 | 602210 | Vinterhvede, helsæd                                 | Winter wheat, wholecrop                              | 27 | Agriculture intensive |
| Field parcel map | 2011 | 222 | 602220 | Vinterrug, helsæd                                   | Winter rye, wholecrop                                | 27 | Agriculture intensive |
| Field parcel map | 2011 | 223 | 602230 | Vintertertriticale, helsæd                          | Winter triticale, wholecrop                          | 27 | Agriculture intensive |
| Field parcel map | 2011 | 224 | 602240 | Blandkorn, efterårs-<br>sået helsæd                 | Dredge corn, fall planted, wholecrop                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 225 | 602250 | andet   | Other  | 26 | Agriculture undefined |
| Field parcel map | 2011 | 230 | 602300 | Vårkorn, grønkorn                                   | Spring cereal, green grain                           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 234 | 602340 | Korn/bælgsæd, grøn-<br>korn, maks. 50% bælg-<br>sæd | Cereal/pulse, green grain.<br>Max. 50% pulse         | 27 | Agriculture intensive |
| Field parcel map | 2011 | 235 | 602350 | Vinterkorn, grønkorn                                | Winter cereal, green grain                           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 250 | 602500 | Permanent græs<br>meget lavt udbytte                | Permanent grass, very low yield                      | 28 | Agriculture extensive |
| Field parcel map | 2011 | 251 | 602510 | Permanent græs<br>lavt udbytte                      | Permanent grass, low yield                           | 28 | Agriculture extensive |
| Field parcel map | 2011 | 252 | 602520 | Permanent græs normalt udbytte                      | Permanent grass, normal yield                        | 28 | Agriculture extensive |
| Field parcel map | 2011 | 253 | 602530 | Miljøgræs<br>MVJ-ordn. 1 (80 N)                     | Environmental grass<br>(max 80 tonnes N)             | 28 | Agriculture extensive |
| Field parcel map | 2011 | 254 | 602540 | Miljøgræs<br>MVJ-ordn. 2 (0 N)                      | Environmental grass (0 N)                            | 28 | Agriculture extensive |
| Field parcel map | 2011 | 255 | 602550 | Permanent græs under<br>50. pct. kløver             | Permanent grass,<br><50% clover                      | 28 | Agriculture extensive |
| Field parcel map | 2011 | 256 | 602560 | Perm.græs over<br>50 pct. kløver                    | Permanent grass, >50% clover                         | 28 | Agriculture extensive |
| Field parcel map | 2011 | 257 | 602570 | Permanent græs<br>uden kløver                       | Permanent grass,<br>no clover                        | 28 | Agriculture extensive |
| Field parcel map | 2011 | 258 | 602580 | Perm. græs, ø-støtte                                | Permanent grass, subsidy for organic farming         | 28 | Agriculture extensive |
| Field parcel map | 2011 | 259 | 602590 | Perm. græs, fabrik,<br>min. 6 t. udbytte            | Permanent grass for industry,<br>min. 6 tonnes yield | 28 | Agriculture extensive |

|                  |      | 1   |        |                            | T                             | 1  |                       |
|------------------|------|-----|--------|----------------------------|-------------------------------|----|-----------------------|
| Continued        |      |     |        |                            |                               |    |                       |
|                  |      |     |        | Kløvergræs under 50 pct.   | Clover grass,                 |    |                       |
| Field parcel map | 2011 | 260 | 602600 | kløver (omdrift            | <50% clover                   | 27 | Agriculture intensive |
|                  |      |     |        |                            | Clover grass,                 |    |                       |
| Field parcel map | 2011 | 261 | 602610 | Kl.græs >50% kl. (omdrift) | >50% clover                   | 27 | Agriculture intensive |
|                  |      |     |        | Lucerne, lucernegræs       | Lucerne, lucerne grass        |    |                       |
| Field parcel map | 2011 | 262 | 602620 | >50% lucerne omdr.         | >50% lucerne                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 263 | 602630 | Græs uden kl. (omdrift)    | Grass without clover          | 27 | Agriculture intensive |
|                  |      |     |        | Græs og kl.græs uden       | Grass and clover grass        |    |                       |
| Field parcel map | 2011 | 264 | 602640 | norm                       | without N-norm                | 27 | Agriculture intensive |
|                  |      |     |        | Græs og kl. græs slæt før  | Grass en clover grass         |    |                       |
| Field parcel map | 2011 | 265 | 602650 | vårsåede afg.              | before spring planted crop    | 27 | Agriculture intensive |
|                  |      |     |        | Græs < 50% kløver ekstr.   | Grass <50% clover,            |    |                       |
| Field parcel map | 2011 | 266 | 602660 | lavt udbytte               | extremely low yield           | 27 | Agriculture intensive |
|                  |      |     |        | Græs <50% kløver meget     | Grass <50% clover,            |    |                       |
| Field parcel map | 2011 | 267 | 602670 | lavt udbytte               | very low yield                | 27 | Agriculture intensive |
|                  |      |     |        | Græs < 50% kløver lavt     | Grass <50% clover,            |    |                       |
| Field parcel map | 2011 | 268 | 602680 | udbytte                    | low yield                     | 27 | Agriculture intensive |
| Field parcel map | 2011 | 269 | 602690 | Rullegræs, omdrift.        | Turf in rotations             | 27 | Agriculture intensive |
| Field parcel map | 2011 | 270 | 602700 | Græs til udegrise.         | Grass for pigs                | 27 | Agriculture intensive |
|                  |      |     |        | Rekreative formål,         | Areas for recreational        |    |                       |
| Field parcel map | 2011 | 271 | 602710 | arealer til                | purposes                      | 28 | Agriculture extensive |
|                  |      |     |        | Perm. græs fabrik,         | Permanent grass               |    |                       |
| Field parcel map | 2011 | 272 | 602720 | kløvergræs                 | for industry                  | 27 | Agriculture intensive |
|                  |      |     |        |                            | Permanent lucerne             |    |                       |
| Field parcel map | 2011 | 273 | 602730 | Perm. lucerne til fabrik   | for industry                  | 27 | Agriculture intensive |
|                  |      |     |        | Perm. lucerne min. 25%     | Permanent lucerne,            |    |                       |
| Field parcel map | 2011 | 274 | 602740 | græs til fabrik            | min 25% for industry          | 27 | Agriculture intensive |
| Field parcel map | 2011 | 275 | 602750 | Rullegræs, perm. græs      | Turf permanent grass          | 27 | Agriculture intensive |
|                  |      |     |        | Perm. græs/kløvergræs      | Permanent grass/              |    |                       |
| Field parcel map | 2011 | 276 | 602760 | uden norm                  | clover grass without N-norm   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 277 | 602770 | Perm. kløver til fabrik    | Permanent clover for industry | 27 | Agriculture intensive |
|                  |      |     |        | Perm.græs og lucerne-      | Permanent grass and           |    |                       |
| Field parcel map | 2011 | 278 | 602780 | græs >50% lucerne          | Lucerne grass >50% lucerne    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 279 | 602790 | Permanent græs til fabrik  | Permanent grass for industry  | 27 | Agriculture intensive |

| Continued        |      |       |        |                                    |   |    |                       |
|------------------|------|-------|--------|------------------------------------|---|----|-----------------------|
| Field parcel map | 2011 | 280   | 602800 | Fodersukkerroer                    | Sugar cane, fodder                                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 281   | 602810 | Kålroer                            | Swede   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 282   | 602820 | Fodermarvkål                       | Marrow-stem kale                                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 283   | 602830 | Fodergulerødder                    | Carrot, fodder                                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 300   | 603000 | andet                              | Other   | 26 | Agriculture undefined |
| Field parcel map | 2011 | 310   | 603100 | Udyrket mark                       | Uncultivated field                                  | 28 | Agriculture extensive |
|                  |      |       |        | Skovrejsning på tidl.              | Afforestation on former agri-                       |    |                       |
| Field parcel map | 2011 | 311   | 603110 | landbrugsjord 1                    | cultural land                                       | 22 | Forest                |
| Field parcel map | 2011 | 312   | 603120 | 20-årig udtagning                  | 20 year set-aside                                   | 28 | Agriculture extensive |
|                  |      |       |        | 20-årig udtagning                  |   |    |                       |
| Field parcel map | 2011 | 313   | 603130 | med skov                           | 20 year set-aside with forest                       | 28 | Agriculture extensive |
|                  |      |       |        | Miljøgræs brugt                    | Environmental grass for set-                        |    |                       |
| Field parcel map | 2011 | 315   | 603150 | som udtagning                      | aside   | 28 | Agriculture extensive |
|                  | 0011 | 0.1.7 | (00170 | Vådområder brugt                   | A47 II  | 00 |                       |
| Field parcel map | 2011 | 317   | 603170 | som udtagning                      | Wetland for set-aside                               | 28 | Agriculture extensive |
| Field parcel map | 2011 | 318   | 603180 | MVJ-ej udtagn.<br>ej landbrugsjord | Not agri-envrionmental sheme, not agricultural land | 28 | Agriculture extensive |
| пеіа рагсегттар  | 2011 | 310   | 003180 | MVJ-udtagn.                        | Agri-envrionmental sheme,                           | 20 | Agriculture extensive |
| Field parcel map | 2011 | 319   | 603190 | ej landbrugsjord                   | not agricultural land                               | 28 | Agriculture extensive |
| Field parcel map | 2011 | 320   | 603200 | Braklagte randzoner                | Fallow in marginal zones                            | 28 | Agriculture extensive |
| ·                |      |       |        | Miljøtiltag, ej                    | Environmental initiative,                           |    | ,                     |
| Field parcel map | 2011 | 321   | 603210 | landbrugsarealer                   | not agricultural land                               | 28 | Agriculture extensive |
| Field parcel map | 2011 | 340   | 603400 | Randzoneordningen                  | Marginal zone                                       | 28 | Agriculture extensive |
| Field parcel map | 2011 | 341   | 603410 | Randzoneordningen 2                | Marginal zone 2                                     | 28 | Agriculture extensive |
|                  |      |       |        | Miljøgræs                          | Environmental grass                                 |    |                       |
| Field parcel map | 2011 | 350   | 603500 | med N-kvote                        | with N-quota  | 28 | Agriculture extensive |
| Field parcel map | 2011 | 400   | 604000 | Asier                              | Gherkins  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 401   | 604010 | Asparges                           | Asparagus   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 402   | 604020 | Bladselleri                        | Celery  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 403   | 604030 | Blomkål                            | Cauliflower   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 404   | 604040 | Broccoli                           | Broccoli  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 405   | 604050 | Courgette, squash                  | Courgette, squash                                   | 27 | Agriculture intensive |

| Field parcel map  2011 407 604070 Gulerod Carrot 27 Agriculture inter Field parcel map  2011 408 604080 H-vidkâl Cabbage 22 Agriculture inter Field parcel map  2011 409 604090 Kinokâl Chinese cabbage 27 Agriculture inter Field parcel map  2011 410 604100 Knoldselleri Celeriac, turnip-roted celery 27 Agriculture inter Field parcel map  2011 411 604110 Lea Onion 27 Agriculture inter Field parcel map  2011 412 604120 Pastinak Parsnip 27 Agriculture inter Field parcel map  2011 413 604130 Rodersille Hamburg parsley 27 Agriculture inter Field parcel map  2011 415 604150 Porre Field parcel map  2011 416 604160 Rosenkâl Sprouts 27 Agriculture inter Field parcel map  2011 417 604170 Rodbede Beetroot 27 Agriculture inter Field parcel map  2011 418 604180 Rosenkâl Red cabbage 27 Agriculture inter Field parcel map  2011 420 604200 Salat Lettuce 27 Agriculture inter Field parcel map  2011 421 604210 Savoykâl, spidskâl pointed cabbage 27 Agriculture inter Field parcel map  2011 421 604210 Savoykâl, spidskâl pointed cabbage 27 Agriculture inter Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet con  27 Agriculture inter Field parcel map  2011 424 604240 carter til konsum Peas for consumption 27 Agriculture inter Field parcel map  2011 429 604290 Jordskokker, konsum for consumption 27 Agriculture inter Field parcel map  2011 430 604300 Rodersille Leaf parsley  27 Agriculture inter Field parcel map  2011 431 604310 Purleq  Chive 27 Agriculture inter Field parcel map  2011 431 604310 Purleq  Chive 27 Agriculture inter Field parcel map  2011 433 604320 Krydderurter, statteberet  Herb, aromatic plant, other  Herb, aromatic plant, other  Medicine, len- og  Medicine plant, annual  | Continued        |      |     |        |                            |                                |    |                       |
|--|------------------|------|-----|--------|----------------------------|--------------------------------|----|-----------------------|
| Field parcel map   2011   408  | Field parcel map | 2011 | 406 | 604060 | Grønkål                    | Kale, borecole                 | 27 | Agriculture intensive |
| Field parcel map  2011 409 604090 Kinakâl Chinese cabbage 27 Agriculture inter Field parcel map  2011 410 604100 Knoldselleri Celerioc, turnip-rooted celery 27 Agriculture inter Field parcel map  2011 411 604110 Lag Onion 27 Agriculture inter Field parcel map  2011 412 604120 Postinak Parsnip 27 Agriculture inter Field parcel map  2011 413 604130 Rodpersille Hamburg parsley 27 Agriculture inter Field parcel map  2011 416 604150 Porre Leek 27 Agriculture inter Field parcel map  2011 416 604160 Rosenkâl Sprouts 27 Agriculture inter Field parcel map  2011 417 604170 Redbede Beetroot 27 Agriculture inter Field parcel map  2011 418 604180 Rodkel Re cobbage 27 Agriculture inter Field parcel map  2011 420 604200 Salat Lettuce 27 Agriculture inter Field parcel map  2011 421 604210 Savoykál, spidskál pointed cobbage 27 Agriculture inter Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet com 27 Agriculture inter Field parcel map  2011 424 604240 certer til konsum Peas for consumption 27 Agriculture inter Field parcel map  2011 429 604290 Sidkkermajs Sweet com 27 Agriculture inter Field parcel map  2011 429 604290 Sidkkermajs Sweet com 27 Agriculture inter Field parcel map  2011 429 604290 Sidkkermajs Sweet com 27 Agriculture inter Field parcel map  2011 429 604290 Sidkkermajs Sweet com 27 Agriculture inter Field parcel map  2011 430 604300 Bidopersille Leaf parsley 27 Agriculture inter Field parcel map  2011 431 604310 Purlæg Chive 27 Agriculture inter Field parcel map  2011 432 604300 Krydderurter, anche Herb, anomatic plant. Field parcel map  2011 433 60430 Krydderurter, anche Herb, anomatic plant, other Field parcel map  2011 438 604480 todaice and biennial 27 Agriculture inter Field parcel map  2011 439 60430 Krydderurter, anche Herb, anomatic plant, other Field parcel map  2011 448 604400 todaice and biennial 27 Agriculture inter Field parcel map  2011 448 604400 todaice and biennial 27 Agriculture inter Field parcel map  2011 449 604400 todaice a | Field parcel map | 2011 | 407 | 604070 | Gulerod                    | Carrot                         | 27 | Agriculture intensive |
| Field parcel map   | Field parcel map | 2011 | 408 | 604080 | Hvidkål                    | Cabbage                        | 27 | Agriculture intensive |
| Field parcel map   2011  | Field parcel map | 2011 | 409 | 604090 | Kinakål                    | Chinese cabbage                | 27 | Agriculture intensive |
| Field parcel map   2011  | Field parcel map | 2011 | 410 | 604100 | Knoldselleri               | Celeriac, turnip-rooted celery | 27 | Agriculture intensive |
| Field parcel map   2011  | Field parcel map | 2011 | 411 | 604110 | Løg                        | Onion                          | 27 | Agriculture intensive |
| Field parcel map  2011 415 604150 Porre Leek 27 Agriculture inter Field parcel map  2011 416 604160 Rosenkål Sprouts 27 Agriculture inter Field parcel map  2011 417 604170 Rødbede Beetroot 27 Agriculture inter Field parcel map  2011 418 604180 Rødkål Red cabbage 27 Agriculture inter Field parcel map  2011 420 604200 Salat Lettuce 27 Agriculture inter Field parcel map  2011 421 604210 Savoykål, spidskål pointed cabbage Field parcel map  2011 421 604210 Savoykål, spidskål pointed cabbage 27 Agriculture inter Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet corn  27 Agriculture inter Field parcel map  2011 424 604240 certer til konsum Peas for consumption  27 Agriculture inter Field parcel map  2011 429 604290 Jordskokker, konsum for consumption  27 Agriculture inter Field parcel map  2011 430 604300 Bladpersille Leaf parsley  Field parcel map  2011 431 604310 Purløq Chive  27 Agriculture inter  4604300 Rodden  430 Field parcel map  2011 431 604310 Purløq Chive  27 Agriculture inter  48 604480 Krydderurter, støtteberet. With subsidy  28 Agriculture inter  48 604480 Krydderurter, andre Herb, aromatic plant, onnual  Field parcel map  2011 448 604480 Vedplanter Medicine plant, annual  Field parcel map  2011 448 604480 Vedplanter Medicine plant, perennial  27 Agriculture inter  28 Agriculture inter  29 Agriculture inter  20 Agriculture inter  21 Agriculture inter  22 Agriculture inter  23 Agriculture inter  24 Agriculture inter  25 Agriculture inter  26 Agriculture inter  27 Agriculture inter  28 Agriculture inter  29 Agriculture inter  20 Agriculture inter  20 Agriculture inter  20 Agriculture inter  20 Agriculture inter  21 Agriculture inter  22 Agriculture inter  23 Agriculture inter  24 Agriculture inter  25 Agriculture inter  26 Agriculture inter  27 Agriculture inter  28 Agriculture inter  29 Agriculture inter  20 Agriculture inter   | Field parcel map | 2011 | 412 | 604120 | Pastinak                   | Parsnip                        | 27 | Agriculture intensive |
| Field parcel map  2011 416 604160 Rosenkål Sprouts 27 Agriculture inter Field parcel map  2011 417 604170 Rødbede Beetroot 27 Agriculture inter Field parcel map  2011 418 604180 Rødkål Red cabbage 27 Agriculture inter Field parcel map  2011 420 604200 Salat Lettuce 27 Agriculture inter Savoy cabbage, Field parcel map  2011 421 604210 Savoykål, spidskål pointed cabbage 27 Agriculture inter Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet corn 27 Agriculture inter Field parcel map  2011 424 604240 certer til konsum Peas for consumption 27 Agriculture inter Field parcel map  2011 429 604290 Jordskokker, konsum for consumption 27 Agriculture inter Field parcel map  2011 431 604310 Purløg Chive 27 Agriculture inter Field parcel map  2011 431 604310 Furløg Chive 27 Agriculture inter Field parcel map  2011 433 604330 Krydderurter, støtteberet. Field parcel map  2011 433 604330 Krydderurter, støtteberet. Field parcel map  2011 433 604330 Krydderurter, andre Herb, aromatic plant. Field parcel map  2011 438 604380 Krydderurter, støtteberet. Field parcel map  2011 438 604380 Krydderurter, andre Herb, aromatic plant, other Field parcel map  2011 448 604480 Medicinpl., en- og Medicine plant, annual field parcel map  Field parcel map  2011 448 604480 Wedicinpl., stauder og Field parcel map  2011 449 604490 Vedplanter Medicine plant, perennial  27 Agriculture inter  28 Agriculture inter  29 Agriculture inter  20 Agriculture inter  21 Agriculture inter  22 Agriculture inter  23 Agriculture inter  24 Agriculture inter  25 Agriculture inter  26 Agriculture inter  27 Agriculture inter  28 Agriculture inter  29 Agriculture inter  20 Agriculture inter  20 Agriculture inter  20 Agriculture inter  20 Agriculture inter  21 Agriculture inter  22 Agriculture inter  23 Agriculture inter  24 Agriculture inter  25 Agriculture inter  26 Agriculture inter  27 Agr | Field parcel map | 2011 | 413 | 604130 | Rodpersille                | Hamburg parsley                | 27 | Agriculture intensive |
| Field parcel map  2011 417 604170 Rødbede Beetroot 27 Agriculture inter Field parcel map  2011 418 604180 Rødkål Red cabbage 27 Agriculture inter Field parcel map  2011 420 604200 Salat Lettuce 27 Agriculture inter Savoy cabbage. Field parcel map  2011 421 604210 Savoykål. spidskål pointed cabbage 27 Agriculture inter Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet com 27 Agriculture inter Field parcel map  2011 424 604240 ærter til konsum Peas for consumption 27 Agriculture inter Field parcel map  2011 429 604290 Jordskokker, konsum for consumption 27 Agriculture inter Field parcel map  2011 430 604300 Bladpersille Leaf parsley 27 Agriculture inter Field parcel map  2011 431 604310 Purløg Chive 27 Agriculture inter Field parcel map  2011 432 604320 Krydderurter, støtteberet. with subsidy 27 Agriculture inter Field parcel map  2011 433 604320 Krydderurter, støtteberet. With subsidy 27 Agriculture inter Field parcel map  2011 433 604330 Krydderurter, støtteberet. With subsidy 27 Agriculture inter Field parcel map  2011 448 604480 Krydderurter, andre Herb, aromatic plant, other Field parcel map  2011 448 604480 Redicinpl., en- og Medicine plant, annual Field parcel map  2011 448 604480 Redicinpl., støder og Medicine plant, annual Field parcel map  2011 448 604480 Redicinpl., støder og Medicine plant, perennial Field parcel map Field parcel map  2011 448 604480 Redicinpl., støder og Medicine plant, perennial Field parcel map  | Field parcel map | 2011 | 415 | 604150 | Porre                      | Leek                           | 27 | Agriculture intensive |
| Field parcel map  2011 418 604180 Rødkål Red cabbage 27 Agriculture inter Field parcel map  2011 420 604200 Salat Lettuce 27 Agriculture inter Savoy cabbage, Field parcel map  2011 421 604210 Savoykål, spidskål pointed cabbage 27 Agriculture inter Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet corn 27 Agriculture inter Field parcel map  2011 424 604240 ærter til konsum Peas for consumption 27 Agriculture inter Field parcel map  2011 429 604290 Jordskokker, konsum for consumption 27 Agriculture inter Field parcel map  2011 430 604300 Bladpersille Leaf parsley 27 Agriculture inter Field parcel map  2011 431 604310 Purløg Chive 27 Agriculture inter Field parcel map  2011 432 604320 Krydderurter, støtteberet.  Field parcel map  2011 433 604330 Krydderurter, andre Herb, aromatic plant, With subsidy 27 Agriculture inter Field parcel map  2011 448 604480 todrige, and biennial 27 Agriculture inter Medicinpl., en- og Medicineplant, annual Field parcel map  2011 448 604480 vedplanter Medicine plant, perennial 27 Agriculture inter Medicinpl., stauder og Field parcel map Field parcel map  2011 449 604490 vedplanter Medicine plant, perennial 27 Agriculture inter  | Field parcel map | 2011 | 416 | 604160 | Rosenkål                   | Sprouts                        | 27 | Agriculture intensive |
| Field parcel map  2011 420 604200 Salat Lettuce Savoy cabbage. Field parcel map  2011 421 604210 Savoykâl. spidskâl pointed cabbage Field parcel map  2011 422 604220 Spinat Spinach Field parcel map  2011 423 604230 Sukkermajs Sweet com Field parcel map  2011 424 604240 certer til konsum Field parcel map  2011 429 604290 Jordskokker, konsum Field parcel map  2011 429 604290 Jordskokker, konsum Field parcel map  2011 430 604300 Bladpersille Field parcel map  2011 431 604310 Purløg Chive Field parcel map  2011 432 604320 Krydderurter, støtteberet. Field parcel map  2011 431 604310 Furløg Field parcel map  2011 432 604320 Krydderurter, støtteberet. Field parcel map  2011 432 604320 Furløgen. Field parcel map  2011 433 604330 Krydderurter, andre Field parcel map  2011 438 604380 Krydderurter, andre Field parcel map  2011 448 604480 toårige. Field parcel map Latin muld Field parcel map  2011 448 604490 Vedplanter  Medicinep, en- og Medicine plant, annual Apriculture inter Medicinep, stauder og Medicinep lant, perennial  27 Agriculture inter Medicinep, stauder og Medicine plant, perennial  27 Agriculture inter Medicinep, stauder og Vedplanter Medicine plant, perennial  27 Agriculture inter Medicinep, stauder og Vedplanter Medicine plant, perennial  27 Agriculture inter   | Field parcel map | 2011 | 417 | 604170 | Rødbede                    | Beetroot                       | 27 | Agriculture intensive |
| Field parcel map  2011  421  604210  Savoykål, spidskål  pointed cabbage  27 Agriculture inter  Field parcel map  2011  422  604220  Spinat  Spinach  27 Agriculture inter  Field parcel map  2011  423  604230  Sukkermajs  Sweet corn  27 Agriculture inter  Field parcel map  2011  424  604240  Certer til konsum  Peas for consumption  27 Agriculture inter  Jerusalem artichoke  Field parcel map  2011  429  604290  Jordskokker, konsum  for consumption  27 Agriculture inter  Field parcel map  2011  430  604300  Bladpersille  Leaf parsley  27 Agriculture inter  Field parcel map  2011  431  604310  Purløg  Chive  27 Agriculture inter  Herb, aromatic plant, with subsidy  27 Agriculture inter  Field parcel map  2011  432  604320  Krydderurter, støtteberet, with subsidy  27 Agriculture inter  Field parcel map  2011  433  604330  Krydderurter, andre Herb, aromatic plant, other  Field parcel map  2011  433  604330  Krydderurter, andre Herb, aromatic plant, other  27 Agriculture inter  Medicinpl., en- og Medicine plant, annual Teled parcel map  2011  448  604480  Toårige, Medicine plant, perennial  Agriculture inter  Medicinpl., stauder og Medicine plant, perennial  27 Agriculture inter  Medicinpl., stauder og Vedplanter  Medicine plant, perennial  27 Agriculture inter  Medicinpl., stauder og Vedplanter  Medicine plant, perennial  27 Agriculture inter  Medicinpl., stauder og Vedplanter  Medicine plant, perennial  27 Agriculture inter  Medicinpl., stauder og Vedplanter  Medicine plant, perennial  27 Agriculture inter   | Field parcel map | 2011 | 418 | 604180 | Rødkål                     | Red cabbage                    | 27 | Agriculture intensive |
| Field parcel map  2011 421 604210 Savoykål, spidskål pointed cabbage 27 Agriculture inter Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet com 27 Agriculture inter Field parcel map  2011 424 604240 ærter til konsum Peas for consumption 27 Agriculture inter Field parcel map  2011 429 604290 Jordskokker, konsum for consumption 27 Agriculture inter Field parcel map  2011 430 604300 Bladpersille Leaf parsley 27 Agriculture inter Field parcel map  2011 431 604310 Purløg Chive 27 Agriculture inter Field parcel map  2011 432 604320 Krydderurter, støtteberet. with subsidy 27 Agriculture inter Field parcel map  2011 433 604330 Krydderurter, støtteberet. Field parcel map  2011 448 604480 toårige. Field parcel map  2011 448 604480 toårige. Field parcel map  Field parcel map  2011 449 604490 vedplanter Medicine plant, perennial  27 Agriculture inter  Medicinpl., stauder og vedplanter Medicine plant, perennial  27 Agriculture inter   | Field parcel map | 2011 | 420 | 604200 | Salat                      | Lettuce                        | 27 | Agriculture intensive |
| Field parcel map  2011 422 604220 Spinat Spinach 27 Agriculture inter Field parcel map  2011 423 604230 Sukkermajs Sweet corn 27 Agriculture inter Field parcel map  2011 424 604240 certer til konsum Peas for consumption 27 Agriculture inter Field parcel map  2011 429 604290 Jordskokker, konsum for consumption 27 Agriculture inter Field parcel map  2011 430 604300 Bladpersille Leaf parsley 27 Agriculture inter Field parcel map  2011 431 604310 Purløg Chive 27 Agriculture inter Field parcel map  2011 432 604320 Krydderurter, støtteberet. With subsidy 27 Agriculture inter Field parcel map  2011 433 604330 Krydderurter, andre Herb, aromatic plant, with subsidy 27 Agriculture inter Field parcel map  2011 448 604480 toårige. Field parcel map  2011 448 604490 vedplanter Medicine plant, perennial 27 Agriculture inter   |                  |      |     |        |                            | Savoy cabbage,                 |    |                       |
| Field parcel map  2011 423 604230 Sukkernajs Sweet com  27 Agriculture inter  Field parcel map  2011 424 604240 certer til konsum Peas for consumption  Jerusalem artichoke Field parcel map  2011 429 604290 Jordskokker, konsum for consumption  27 Agriculture inter  Field parcel map  2011 430 604300 Bladpersille Leaf parsley  27 Agriculture inter  Field parcel map  2011 431 604310 Purløg Chive  27 Agriculture inter  Field parcel map  2011 432 604320 Krydderurter, støtteberet. With subsidy  27 Agriculture inter  Herb, aromatic plant,  Field parcel map  2011 433 604330 Krydderurter, andre Herb, aromatic plant, other  Field parcel map  2011 448 604480 toårige. and biennial  Field parcel map  2011 448 604490 vedplanter Medicine plant, perennial  27 Agriculture inter   | Field parcel map | 2011 | 421 | 604210 | Savoykål, spidskål         | pointed cabbage                | 27 | Agriculture intensive |
| Field parcel map  2011 424 604240 ærter til konsum Peas for consumption  Jerusalem artichoke Field parcel map  2011 429 604290 Jordskokker, konsum for consumption  27 Agriculture inter  Field parcel map  2011 430 604300 Bladpersille  Leaf parsley  27 Agriculture inter  Field parcel map  2011 431 604310 Purløg  Chive  27 Agriculture inter  Herb, aromatic plant,  Field parcel map  2011 432 604320 Krydderurter, støtteberet. with subsidy  27 Agriculture inter  Herb, aromatic plant,  Field parcel map  2011 433 604330 Krydderurter, andre Herb, aromatic plant, other  Field parcel map  2011 448 604480 toårige.  Field parcel map  2011 448 604480 toårige.  Field parcel map  Field parcel map  2011 449 604490 vedplanter Medicine plant, perennial  27 Agriculture inter  Medicinpl., stauder og  Yedplanter  Medicine plant, perennial  27 Agriculture inter  Medicine plant, perennial  28 Agriculture inter  Medicinpl., stauder og  Yedplanter  Medicine plant, perennial  27 Agriculture inter  Medicinpl., stauder og  Yedplanter  Medicine plant, perennial  28 Agriculture inter  Medicine plant, perennial  29 Agriculture inter  Medicine plant, perennial  | Field parcel map | 2011 | 422 | 604220 | Spinat                     | Spinach                        | 27 | Agriculture intensive |
| Field parcel map  2011  429  604290  Jordskokker, konsum  for consumption  27 Agriculture inter  Field parcel map  2011  430  604300  Bladpersille  Leaf parsley  27 Agriculture inter  Chive  27 Agriculture inter  Chive  27 Agriculture inter  Chive  27 Agriculture inter  Herb, aromatic plant, with subsidy  27 Agriculture inter  Chive  27 Agriculture inter  Chive  28 Agriculture inter  Chive   | Field parcel map | 2011 | 423 | 604230 | Sukkermajs                 | Sweet corn                     | 27 | Agriculture intensive |
| Field parcel map  2011 429 604290 Jordskokker, konsum for consumption 27 Agriculture inter  Field parcel map  2011 430 604300 Bladpersille  Leaf parsley  27 Agriculture inter  Field parcel map  2011 431 604310 Purløg Chive  27 Agriculture inter  Herb, aromatic plant,  Field parcel map  2011 432 604320 Krydderurter, støtteberet. with subsidy  27 Agriculture inter  Krydderurter, støtteberet. with subsidy  27 Agriculture inter  Field parcel map  2011 433 604330 Krydderurter, andre Herb, aromatic plant, other  Pield parcel map  48 604480 toårige. and biennial  Field parcel map  Field parcel map  2011 448 604480 vedplanter  Medicinpl., stauder og  Field parcel map  2011 449 604490 vedplanter  Medicine plant, perennial  27 Agriculture inter  Medicine plant, perennial  27 Agriculture inter  Medicine plant, perennial   | Field parcel map | 2011 | 424 | 604240 | ærter til konsum           | Peas for consumption           | 27 | Agriculture intensive |
| Field parcel map  2011 430 604300 Bladpersille  Leaf parsley  27 Agriculture inter  Chive  27 Agriculture inter  Chive  27 Agriculture inter  Chive  28 Agriculture inter  Chive  |                  |      |     |        |                            | Jerusalem artichoke            |    |                       |
| Field parcel map  2011  431  604310  Purløg  Chive  27 Agriculture inter  Herb, aromatic plant,  With subsidy  27 Agriculture inter  Field parcel map  2011  432  604320  Krydderurter, støtteberet.  With subsidy  27 Agriculture inter  Wedicinpl., en- og  Medicine plant, annual  Field parcel map  2011  448  604480  Toårige.  Medicinpl., stauder og  Field parcel map  2011  449  604490  Wedplanter  Medicine plant, perennial  27 Agriculture inter  Medicine plant, perennial  | Field parcel map | 2011 | 429 | 604290 | Jordskokker, konsum        | for consumption                | 27 | Agriculture intensive |
| Field parcel map 2011 432 604320 Krydderurter, støtteberet. With subsidy 27 Agriculture inter Field parcel map 2011 433 604330 Krydderurter, andre Herb, aromatic plant, other 27 Agriculture inter Medicinpl., en- og Medicine plant, annual Field parcel map 2011 448 604480 toårige. and biennial 27 Agriculture inter Medicinpl., stauder og Field parcel map 2011 449 604490 vedplanter Medicine plant, perennial 27 Agriculture inter  | Field parcel map | 2011 | 430 | 604300 | Bladpersille               | Leaf parsley                   | 27 | Agriculture intensive |
| Field parcel map  2011  432  604320  Krydderurter, støtteberet.  With subsidy  27 Agriculture inter  604330  Krydderurter, andre  Herb, aromatic plant, other  27 Agriculture inter  Medicinpl., en- og  Field parcel map  2011  448  604480  Toårige.  Medicinpl., stauder og  Field parcel map  2011  449  604490  Vedplanter  Medicine plant, perennial  27 Agriculture inter  Medicine plant, perennial  27 Agriculture inter  Medicine plant, perennial  28 Agriculture inter  Medicine plant, perennial  | Field parcel map | 2011 | 431 | 604310 | Purløg                     | Chive                          | 27 | Agriculture intensive |
| Field parcel map  2011  433  604330  Krydderurter, andre  Medicinpl., en- og  Medicine plant, annual  Field parcel map  2011  448  604480  Toårige.  Medicinpl., stauder og  Field parcel map  2011  449  604490  Wedplanter  Medicine plant, perennial  27  Agriculture inter  Medicinpl., stauder og  Vedplanter  Medicine plant, perennial  27  Agriculture inter  Medicine plant, perennial  |                  |      |     |        |                            | Herb, aromatic plant,          |    |                       |
| Field parcel map 2011 448 604480 Medicinpl., en- og Medicine plant, annual toårige. and biennial 27 Agriculture inter Medicinpl., stauder og Field parcel map 2011 449 604490 vedplanter Medicine plant, perennial 27 Agriculture inter  | Field parcel map | 2011 | 432 | 604320 | Krydderurter, støtteberet. | with subsidy                   | 27 | Agriculture intensive |
| Field parcel map 2011 448 604480 toårige. and biennial 27 Agriculture intermediate Medicinpl., stauder og Field parcel map 2011 449 604490 vedplanter Medicine plant, perennial 27 Agriculture intermediate intermedi | Field parcel map | 2011 | 433 | 604330 | Krydderurter, andre        | Herb, aromatic plant, other    | 27 | Agriculture intensive |
| Field parcel map 2011 449 604490 Vedplanter Medicine plant, perennial 27 Agriculture inter   |                  |      |     |        | ' '                        | ' I                            |    |                       |
| Field parcel map 2011 449 604490 vedplanter Medicine plant, perennial 27 Agriculture inter-  | Field parcel map | 2011 | 448 | 604480 |                            | and biennial                   | 27 | Agriculture intensive |
|  | Field parcel man | 2011 | 440 | 404400 | · · · · · ·                | Madicina plant parancial       | 27 | Agricultura intensiva |
| Treid parcer map 2011 450 004500 Grøntsager, andre vegetable, other 27 Agriculture inter   | '                |      |     |        |                            |                                |    | -                     |
| Field parcel map 2011 452 604520 andet Other 26 Agriculture undefi   | '                |      |     |        |                            |                                |    | Agriculture intensive |

|                  |      |     |        | Î                       | 1                          |    |                       |
|------------------|------|-----|--------|-------------------------|----------------------------|----|-----------------------|
| Continued        |      |     |        |                         |                            |    |                       |
| Field parcel map | 2011 | 500 | 605000 | Buske og træer          | Bushes and trees           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 501 | 605010 | Stauder                 | Perennial plants           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 502 | 605020 | Blomsterløg             | Bulb                       | 27 | Agriculture intensive |
| Field parcel map | 2011 | 503 | 605030 | En- og to-årige planter | Annual and biennial plants | 27 | Agriculture intensive |
| Field parcel map | 2011 | 510 | 605100 | Melon.                  | Melon                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 511 | 605110 | Græskar.                | Gourd                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 512 | 605120 | Rabarber                | Rhubarb                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 513 | 605130 | Jordbær                 | Strawberry                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 514 | 605140 | Solbær                  | Blackcurrant               | 27 | Agriculture intensive |
| Field parcel map | 2011 | 515 | 605150 | Ribs                    | Redcurrant                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 516 | 605160 | Stikkelsbær             | Gooseberry                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 517 | 605170 | Brombær                 | Blackberry                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 518 | 605180 | Hindbær                 | Raspberry                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 519 | 605190 | Blåbær                  | Blueberry                  | 27 | Agriculture intensive |
|                  |      |     |        | Kirsebær uden un-       |                            |    |                       |
| Field parcel map | 2011 | 520 | 605200 | dervækst                | Cherry without undergrowth | 27 | Agriculture intensive |
| Field parcel map | 2011 | 521 | 605210 | Kirsebær undervækst     | Cherry with undergrowth    | 27 | Agriculture intensive |
|                  |      |     |        | Blomme, uden un-        |                            |    |                       |
| Field parcel map | 2011 | 522 | 605220 | dervækst                | Plum without undergrowth   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 523 | 605230 | Blomme, undervækst      | Plum with undergrowth      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 526 | 605260 | Hyld                    | Elder                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 527 | 605270 | Hassel                  | Hazel                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 528 | 605280 | æble                    | Apple                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 529 | 605290 | Pærer                   | Pear                       | 27 | Agriculture intensive |
| Field parcel map | 2011 | 530 | 605300 | Vindruer                | Grape                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 531 | 605310 | Anden træfrugt          | Other tree fruit           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 532 | 605320 | Anden buskfrugt.        | Other bush fruit           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 533 | 605330 | Rønnebær                | Rowanberry                 | 27 | Agriculture intensive |
| Field parcel map | 2011 | 534 | 605340 | Hyben                   | Hip                        | 27 | Agriculture intensive |
| Field parcel map | 2011 | 536 | 605360 | Spisedruer              | Grape for consumption      | 27 | Agriculture intensive |

| Continued        |      |     |        |   |   |    |                       |
|------------------|------|-----|--------|---|---|----|-----------------------|
|                  |      |     |        | Blandet støtte-                         |   |    |                       |
| Field parcel map | 2011 | 539 | 605390 | berettiget frugt                        | Mixed fruits with subsidy                               | 27 | Agriculture intensive |
| Field parcel map | 2011 | 540 | 605400 | Tomat                                   | Tomato  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 541 | 605410 | Agurk                                   | Cucumber  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 542 | 605420 | Salat                                   | Lettuce   | 19 | Resource extraction   |
| Field parcel map | 2011 | 543 | 605430 | Andre grøntsager                        | Other vegetable   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 544 | 605440 | Snitblomster/snitgrønt                  | Cut flower/sprigs                                       | 27 | Agriculture intensive |
| Field parcel map | 2011 | 545 | 605450 | Potteplanter                            | Pot plant   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 547 | 605470 | Planteskolekulturer<br>(stauder/vedpl.) | Nursery, perennial/-<br>woody plants                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 548 | 605480 | Småplanter (et-årige)                   | Minor plants, annual                                    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 549 | 605490 | Lukket system 1<br>(et-årige)           | Closed system, annual                                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 550 | 605500 | Lukket system 2 (stauder og vedpl.)     | Closed system, perennial /woody plants                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 560 | 605600 | Containerplads 1<br>(frugtbuske)        | Container, fruit bush                                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 561 | 605610 | Containerplads 2<br>(et-årige)          | Container, annual                                       | 27 | Agriculture intensive |
| Field parcel map | 2011 | 562 | 605620 | Containerplads 3 (stauder og vedpl.)    | Container, perennial/<br>woody plants                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 563 | 605630 | Svampe, champignon                      | Mushroom  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 570 | 605700 | Humle                                   | Нор   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 579 | 605790 | Tagetes, sygdoms-<br>sanerende plante   | Tagetes   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 580 | 605800 | Skovdrift, alm.                         | Forestry  | 22 | Forest                |
|                  |      |     |        | Nyplantning i skov med                  | Afforestation in forest with tree                       |    |                       |
| Field parcel map | 2011 | 581 | 605810 | træhøjde under 3                        | height <3 m   | 22 | Forest                |
| Field parcel map | 2011 | 582 | 605820 | Pyntegrønt, økologisk                   | Decorative greenery, organic                            | 27 | Agriculture intensive |
| Field parcel map | 2011 | 583 | 605830 | Juletræer/pyntegrønt                    | Christmas tree,<br>decorative greenery                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 584 | 605840 | Juletræer/pyntegrønt<br>i fredskov      | Christmas tree, decorative greenery in protected forest | 27 | Agriculture intensive |

| Continued        |      |     |        |                         |                             |    |                       |
|------------------|------|-----|--------|-------------------------|-----------------------------|----|-----------------------|
| Field parcel map | 2011 | 585 | 605850 | Andet                   | Other                       | 26 | Agriculture undefined |
|                  |      |     |        | Skovrejsn. på tidl.     | Afforestation on former     |    |                       |
| Field parcel map | 2011 | 586 | 605860 | landbr. 2, forpagtet    | agricultural land 2, rented | 22 | Forest                |
|                  |      |     |        | Skovrejsning på tidl.   | Afforestation on former     |    |                       |
| Field parcel map | 2011 | 587 | 605870 | landbrugsjord 3         | agricultural land 3         | 22 | Forest                |
| Field parcel map | 2011 | 588 | 605880 | Statslig skovrejsning   | State-afforestation         | 22 | Forest                |
| Field parcel map | 2011 | 589 | 605890 | Bæredygtig skovdrift    | Sustainable forestry        | 22 | Forest                |
| Field parcel map | 2011 | 591 | 605910 | Lavskov.                | Coppice forest              | 27 | Agriculture intensive |
| Field parcel map | 2011 | 592 | 605920 | Pil                     | Willow                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 593 | 605930 | Poppel                  | Poplar                      | 27 | Agriculture intensive |
| Field parcel map | 2011 | 594 | 605940 | EI                      | Alder                       | 27 | Agriculture intensive |
| Field parcel map | 2011 | 596 | 605960 | Elefantgræs             | Elephant grass              | 27 | Agriculture intensive |
| Field parcel map | 2011 | 597 | 605970 | Rørgræs                 | Reed grass                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 598 | 605980 | Sorrel                  | Sorrel                      | 27 | Agriculture intensive |
|                  |      |     |        | Chrysanthemum Gar-      |                             |    |                       |
| Field parcel map | 2011 | 650 | 606500 | land.                   | Chrysanthemum Garland       | 27 | Agriculture intensive |
| Field parcel map | 2011 | 651 | 606510 | Dildfrø.                | Dill seed                   | 27 | Agriculture intensive |
| Field parcel map | 2011 | 652 | 606520 | Kinesisk kålfrø.        | Chinese kale seed           | 27 | Agriculture intensive |
| Field parcel map | 2011 | 653 | 606530 | Karsefrø.               | Cress seed                  | 27 | Agriculture intensive |
| Field parcel map | 2011 | 655 | 606550 | Radisfrø.               | Radish seed                 | 27 | Agriculture intensive |
|                  |      |     |        |                         | Leaf beet seed,             |    |                       |
| Field parcel map | 2011 | 656 | 606560 | Bladbedefrø, rødbedefrø | beetroot seed               | 27 | Agriculture intensive |
| Field parcel map | 2011 | 658 | 606580 | Gulerødderfrø           | Carrot seed                 | 27 | Agriculture intensive |
|                  |      |     |        | Kålfrø (hvid- og        | Cabbage seed, red           |    |                       |
| Field parcel map | 2011 | 659 | 606590 | rødkålfrø)              | cabbage seed                | 27 | Agriculture intensive |
| Field parcel map | 2011 | 660 | 606600 | Persillefrø             | Parsley seed                | 27 | Agriculture intensive |
| Field parcel map | 2011 | 661 | 606610 | Kørvelfrø               | Chervil seed                | 27 | Agriculture intensive |
| Field parcel map | 2011 | 662 | 606620 | Majroefrø               | Early garden turnip seed    | 27 | Agriculture intensive |
| Field parcel map | 2011 | 664 | 606640 | Skorzonerrodfrø.        | Viper's grass seed          | 27 | Agriculture intensive |
| Field parcel map | 2011 | 665 | 606650 | Havrerodfrø             | Salsify seed                | 27 | Agriculture intensive |
| Field parcel map | 2011 | 666 | 606660 | Purløgfrø               | Chive seed                  | 27 | Agriculture intensive |

| Continued        |      |      |        |                        |                             |     |                       |
|------------------|------|------|--------|------------------------|-----------------------------|-----|-----------------------|
| Field parcel map | 2011 | 667  | 606670 | Timianfrø              | Thyme seed                  | 27  | Agriculture intensive |
| Field parcel map | 2011 | 668  | 606680 | Blomsterfrø            | Flower seed                 | 27  | Agriculture intensive |
| Field parcel map | 2011 | 669  | 606690 | Andet havefrø          | Other garden seed           | 27  | Agriculture intensive |
| Field parcel map | 2011 | 777  | 607770 | Ex-non-food brak       | Non-food fallow             | 28  | Agriculture extensive |
|                  |      |      |        | Andre arealer i        |                             |     |                       |
| Field parcel map | 2011 | 800  | 608000 | skovblokke             | Other land uses in forest   | 22  | Forest                |
| Field parcel map | 2011 | 801  | 608010 | Skov i IKKE skovblok   | Forest outside forest blocs | 22  | Forest                |
| Field parcel map | 2011 | 900  | 609000 | øvrige afgrøder        | Other crops                 | 26  | Agriculture undefined |
|                  |      |      |        | Naturarealer efter     |                             |     |                       |
| Field parcel map | 2011 | 901  | 609010 | driftsloven            | Nature areas                | 28  | Agriculture extensive |
| Field parcel map | 2011 | 902  | 609020 | Naturlignende arealer  | Nature like areas           | 28  | Agriculture extensive |
|                  |      |      |        | Lysåbne arealer,       | Open nature in              |     |                       |
| Field parcel map | 2011 | 903  | 609030 | fredsskovspligtige     | protected forest            | 28  | Agriculture extensive |
| Field parcel map | 2011 | 904  | 609040 | åbne arealer i skov    | Open areas in forest        | 22  | Forest                |
| Field parcel map | 2011 | 910  | 609100 | lkke anmeldt mark      | Not registered field        | 26  | Agriculture undefined |
|                  |      |      |        | Græs, udlæg/eftersl.   | Grass mowed after           |     |                       |
| Field parcel map | 2011 | 960  | 609600 | efter grønkorn o.l     | green grain                 | 27  | Agriculture intensive |
|                  |      |      |        | Græs, udlæg/eftersl.   | Grass mowed after           |     |                       |
| Field parcel map | 2011 | 961  | 609610 | eft.helsæd/tidl.frø    | whole grain                 | 27  | Agriculture intensive |
|                  |      |      |        | Græs, udlæg/eftersl.   |                             |     |                       |
| Field parcel map | 2011 | 962  | 609620 | eft.korn/sildig frø    | Grass mowed after cereal    | 27  | Agriculture intensive |
|                  |      |      |        | Kløvergræs, ud-        |                             |     |                       |
|                  | 0011 | 0.45 | (00/50 | læg/efterslæt          |                             | 0.7 |                       |
| Field parcel map | 2011 | 965  | 609650 | efter korn             | Clover grass after cereal   | 27  | Agriculture intensive |
| Field parcel map | 2011 | 968  | 609680 | Pligtige efterafgrøder | Binding by crop             | 27  | Agriculture intensive |
| Field parcel map | 2011 | 998  | 609980 | Ukendt afgrøde         | Unknown crop                | 26  | Agriculture undefined |
| Field parcel map | 2011 | 999  | 609990 | Ugyldig afgrødekode    | Invalid crop code           | 26  | Agriculture undefined |
| Field block map  | 2011 | 0    | 800000 | Markblok               | Field block                 | 26  | Agriculture undefined |

