

Wintergreen fields

<p>0 Administrative Information about the Statistical Product</p> <p>0.1 Name Wintergreen fields</p> <p>0.2 Subject Area Environment and energy</p> <p>0.3 Responsible Authority, Office, Person, etc. Agriculture and transport Karsten Larsen, tel. +45 39 17 33 78, e-mail: kkl@dst.dk</p> <p>0.4 Purpose and History The purpose of the statistics is to produce statistics showing developments in the area of winter green fields, i.e. fields covered with crops during winter.</p>	<p>Latest update February 11 2009</p> <p>Table of contents 0 Administrative Information about the Statistical Product 1 Contents 2 Time 3 Accuracy 4 Comparability 5 Accessibility</p> <p>Contact info Agriculture and transport Karsten Larsen ☎ +45 39 17 33 78 ✉ kkl@dst.dk</p> <p>Shortcut to this page www.dst.dk/declarations/1106</p>
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The risk of nitrogen leaching is increased in the case of fields without vegetation. The leaching of nitrogen can both pollute our groundwater and also be instrumental in the undesirable growth of algae in other areas of the aquatic environment. Cultivated fields can counterbalance nitrogen leaching.

Information on the size of the area of winter green fields is contributing to evaluating whether the agricultural sector as a whole and the individual counties comply with the legislation laid down. Sixtyfive per cent of the land farmed by each farm must be winter green fields as prescribed by Danish legislation.

The background to the statistics is an act which stems from the Ministry of Agriculture's Order no. 101 of 4 February 1994 about winter green fields.

The statistics have been produced since 1993. The statistics from 2004 show data for 1982/83-2002/03.

0.5 Users and Application

Local authorities, counties, ministries, organisations, international organisations, the media, private companies, educational institutions and private individuals who take interest in the winter green fields.

0.6 Sources

The information on winter green fields forms part of *the agricultural and horticultural survey* and *the harvest of cereals, rape and pulses survey*. The statistics are based on data extracts from these registers. Please see declarations of contents.

Information on seed is based on data from the Plant Directorate.

Information on aftercrops is based on data from the Danish Agricultural Advisory Centre.

0.7 Legal Authority to Collect Data

The Act on Statistics Denmark (Lov om Danmarks Statistik), Section 6.

0.8 Response burden

Please see declarations of contents for the agricultural and horticultural census.

0.9 EU Regulation

None.

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1 Contents

1.1 Description of Contents

The statistics contain information about winter green fields by geographical location, type of farming, livestock units and size of land area. Furthermore, the statistics show the leaching of nitrogen which is conditioned by crops per hectare analysed by type of farming.

1.2 Statistical Concepts

The definition of the type of farming is that the farm must have at least two thirds of the livestock units in question.

Livestock unit:

One livestock unit is a unit of calculation which until 19 December 1999 corresponded to a dairy cow of large stock without breeding. As from 19 December 1999, one livestock unit corresponds to a maximum of 100 kg of nitrogen in manure (ex stock) including the quantity deposited by the animals on the field.

The nitrogen leaching from the soil is calculated by multiplying the area of each field with the standard figure for the nitrogen leaching for one hectare for the field in question.

The winter crops are inclusive of a supplement for fields that have failed, e.g. because of frost. The supplement is estimated by the Danish Agricultural Advisory Centre.

Winter vegetables are estimated to make up 40 per cent of the area with vegetables grown in the open. Winter plant nurseries are estimated to make up 85 per cent of the land area occupied by plant nurseries. The figures are estimated by the Danish Agricultural Advisory Centre.

The quota of straw incorporation is based on *the harvest of cereals, rape and pulses survey*, which subsequently is related to *the agricultural and horticultural survey*. The area is divided by 1.6, as 1.6 ha straw incorporation has the same effect as 1 ha plant cover. The area with straw incorporation is reduced by the part of the area which is subsequently laid out with winter crops to avoid the area being counted twice.

Crops of horticultural products, other vegetables grown in the open and black set-aside are left out of the calculation of the nitrogen leaching.

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2 Time

2.1 Reference Period

The statistics for the harvest year 2002/2003 are published mid-2004. The statistics are published about one year after the counting day.

2.2 Date of Publication

The statistics are published every year in August. It is not possible to publish the statistics earlier, because the data from the Plant Directorate are not received until July.

2.3 Punctuality

The statistics are published according to schedule.

2.4 Frequency

Annually.

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3 Accuracy

3.1 Overall accuracy

Please see declarations of contents for *the agricultural and horticultural survey* and *the harvest of cereals, rape and pulses survey*.

3.2 Sources of inaccuracy

Not accessed.

3.3 Measures on accuracy

None.

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4 Comparability

4.1 Comparability over Time

Until 1999, the data will be comparable. In 1999 and in 2002, the Danish legislation is changed for livestock units for cattle. This will influence the comparability over time for winter green fields divided into types of farming.

4.2 Comparability with other Statistics

The statistics can be compared with the agricultural statistics where there are similar data. All data are from the same source, which is *the agricultural and horticultural survey* and *the harvest of cereals, rape and pulses survey*.

4.3 Coherence between provisional and final statistics

No provisional statistics are published.

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5 Accessibility

5.1 Forms of dissemination

News from Statistics Denmark, Environment and energy (*Statistical News*) and *StatBank Denmark* and KSDB.

5.2 Basic material: Storage and usability

See declarations of contents for *the agricultural and horticultural survey* and *the harvest of cereals, rape and pulses survey*.

5.3 Documentation

Documentation is stored in an internal Word document.

5.4 Other Information

None.

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