

## Summary

### The Dutch agricultural complex 2006

#### *Total agricultural complex*

The gross value added of the Dutch agricultural complex has risen from 32.3 billion euros in 1995 to 40.4 billion in 2004. However, the share of the agricultural complex in the national total has decreased in this period, just as the share in employment, to just above 10% (table 1).

*Table 1 Gross value added and employment of the total agricultural complex, 1995 and 2004*

Sector	Value added (EUR billion)		Employment (x 1,000 labour units)	
	1995	2004 r)	1995	2004 r)
Agricultural complex a)	32.3	40.4	659	652
<i>Share in national total</i>	<i>12.0%</i>	<i>9.3%</i>	<i>11.6%</i>	<i>10.1%</i>
Gardening, agricultural services, forestry	1.0	3.9	39	84
Processing, delivering, distribution of foreign based agricultural raw materials	11.1	15.8	190	205
Agricultural complex b)	20.2	21.0	430	382
<i>Share in national total</i>	<i>7.5%</i>	<i>4.8%</i>	<i>7.6%</i>	<i>5.9%</i>
of which: agriculture and horticulture	8.4	6.9	189	176
processing industry b)	3.0	3.4	54	45
delivering industry	6.5	8.4	135	122
distribution	2.3	2.3	53	40

a) Based on domestic and foreign agricultural raw materials, including gardening, agricultural services, forestry;

b) based on domestic agricultural raw materials; r) estimates for 2004.

Source: General and agricultural input-output tables, calculations LEI.

The total agricultural complex consists of two parts. The first part shows the economic contribution of processing, delivering and distribution of domestic based agricultural raw materials. The other part represents the contribution of processing, delivering and distribution of foreign based agricultural raw materials (like cacao and tobacco). The remainder of the agricultural complex reflects the activities from gardening, agricultural services and forestry. The share of the foreign raw material based component in the value added rose from 34% in 1995 to 39% in 2004, whereas the importance of the domestic raw material based complex declined from 62% to 52%. The role of the primary sector (the sum of agriculture and horticulture) in the domestic raw material based complex has declined over this period, in favour of the delivering industry. The increased share of the delivery sector contains a revision effect, as in particular the value added of the private business sector was upgraded (CBS, 2005).

There is a strong dependency of the Dutch agricultural complex on exports. Around 1995 exports generated about three quarter of the value added and employment of the domestic material based agricultural complex, but its share has declined somewhat since that time. The trade balance of the agro-industrial sector rose from 10 billion euro in 1995 to 9.1 billion euro in 2004.

Table 2 Shares (%) of sub complexes in the domestic raw material based agricultural complex, 1995 and 2004

Sub complex	Value added		Employment	
	1995	2004 (r)	1995	2004 (r)
Greenhouse gardening	19.0	22.0	15.3	17.5
Open ground gardening	8.9	8.4	9.8	9.9
Arable farming	17.0	19.5	16.5	18.1
Grassland-based livestock	35.3	28.3	37.6	32.9
Intensive farming	19.8	21.9	20.8	21.6
<i>Total agricultural complex</i>	<i>100</i>	<i>100</i>	<i>100</i>	<i>100</i>

Source: Agricultural input-output tables, LEI.

The grassland-based livestock complex contributes most to the value added of the agricultural complex. The share of this sector is however diminishing (table 2). Further, the complexes for greenhouse gardening, arable farming and intensive farming each generate about one fifth to the total value added. Due to the capital intensive character of greenhouse farming, its value added per worker lies above the average ratio of the total complex. On contrary, the complexes for open ground gardening and grassland-based livestock farming are relatively labour intensive. Over the period 1995-2004, figures 1 and 2 show the development of the sub complexes in terms of value added and employment.

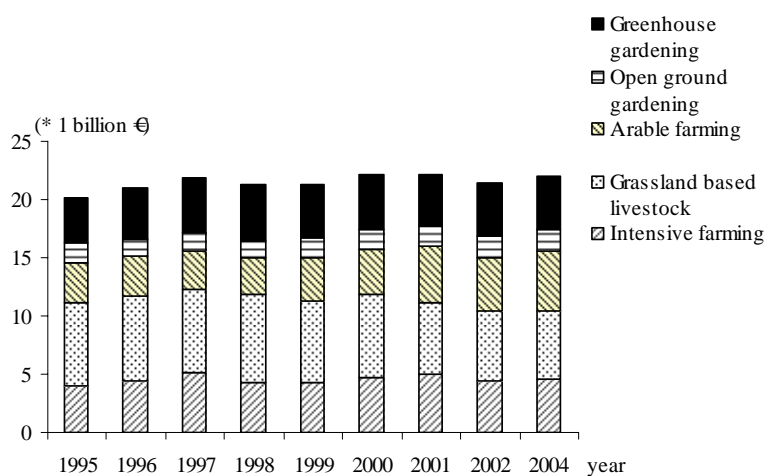


Figure 1 Value added of Dutch agricultural complex

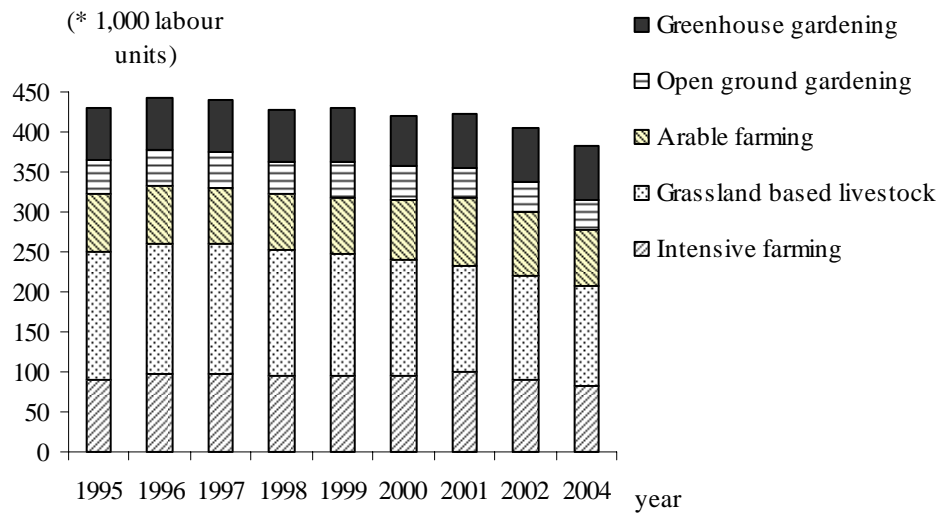


Figure 2 Employment of Dutch agricultural complex