

Rapeseed cultivation

Crop description

Rapeseed	2143	kg/ha/year
Moisture content	8,0%	
Byproduct - hay	3943	kg _{dm} /ha/year
Ratio: Byproduct - hay/Rapeseed	2,00	kg _{dm} /kg _{dm}
Biofuel transition ratio	0,5784	MJ _{Biodiesel} /MJ _{Rapeseed}

Fuel consumption

Diesel	2618	MJ/ha/year
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Fertiliser

N-fertiliser (kg N)	46,00	kgN/ha/year
Manure	13,80	kgN/ha/year
CaO-fertiliser (kg CaO)	6,70	kg CaO/ha/year
K ₂ O-fertiliser (kg K ₂ O)	16,70	kgK ₂ O/ha/year
P ₂ O ₅ -fertiliser (kg P ₂ O ₅)	13,70	kgP ₂ O ₅ /ha/year
Pesticides	0,95	kg/ha/year

Seeds

Seeds- wheat	3,5	kg/ha/year
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Soil emissions

Soil N ₂ O emissions	1,90	kg/ha/year
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Total cultivation emissions

Drying

Electricity EU mix LV	0,0031	MJ/MJ _{Rapeseed}
Diesel	0,0002	MJ/MJ _{Rapeseed}

Total cultivation emissions

Rapeseed cultivation emissions	1118,1	kgCO ₂ eq/ha/year
	21,5	gCO ₂ eq/MJ _{Rapeseed} /year
	37,1	gCO ₂ eq/MJ _{Biodiesel} /year
Allocation factors to rapeseed oil	61,25%	
Allocation factors to FAME	95,66%	
Rapeseed cultivation emissions with allocation	21,8	
Directive 2008/28/EC E _{ec} value	29,0	gCO ₂ eq/MJ _{Biodiesel} /year
Lower than Directive 2009/28/EC E _{ec} value by	-25%	

Soil emissions calculation

TOTAL N₂O EMISSIONS (Direct + Indirect N₂O) from managed soils (Tier1)

Total N ₂ O emissions from managed soil	1,90	kgN ₂ O/ha/year
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	kgN ₂ O-N/ha/year	
	average	min
per ha	1,206	0,286
per kg dm	0,612	0,145

	per MJ of crop	0,023	0,005
Output data			
	Crop yield (fresh matter)	2143	kg _{fm} /ha/year
	Humidity	8,0%	
	Harvested annual dry matter yield for crop yield (dry matter) - Crop	1972	kg _{dm} /ha/year
	Straw yield (removed from the field)	0	kg _{dm} /ha/year
	Is the soil water saturation high?	yes	

Change of land use or management			
	What type of land use change is it?	Not concerned	
	Carbon loss due to land use change	0	tC/ha/year

Direct N₂O emissions (Tier1)

N from fertiliser

	Applied synthetic N fertiliser - F _{SN}	46,0	kgN/ha/year
	Applied organic N fertilizer - F _{ON}	13,8	kgN/ha/year

N in crop residues

	slope	1,500	
	intercept	0,000	
	Above ground Residue (dry matter) - AG _{DM}	3943	kg/ha/year
	Fraction of total area under crop that is renewed annually - Frac _{Renew}	1,000	
	Ratio of above-ground residues dry matter (AG _{DM}) to harvested yield for crop - R _{AG}	2,000	kg _{dm} /kg _{dm}
	N content of above ground residue - N _{AG}	0,007	kgN/kg _{dm}
	Fraction of above-ground residues of crop removed annually for purposes such as feed, bedding and construction - Frac _{Remove}	0,000	
	(AG _{DM} +Crop)/Crop	3,000	
	Ratio of below-ground residues to above-ground biomass - R _{BG-BIO}	0,117	
	Ratio of below-ground residues to harvested yield for crop - R _{BG}	0,350	kg _{dm} /kg _{dm}
	N content of below-ground residue - N _{BG}	0,0073	kgN/kg _{dm}
	Calculated N in crop residues - F _{CR}	32,639	kg N/ha/year
	Calculated N in crop residues - F _{CR}	30,960	kg N/ha/year

Changes in N supply from mineralisation

	average	min	
	C/N ratio of the soil organic matter. Used for situations involving land-use change from Forest Land or Grassland to Cropland - R1	15	10

C/N ratio of the soil organic matter. Used for situations involving management changes on Cropland Remaining Cropland - R2	10	8
N mineralised from change of land use - F_{SOM}	0,000	

	average	min
Emission factor for N ₂ O emissions from N inputs - EF ₁	0,010	0,003

Total direct N₂O emissions	kgN ₂ O-N/ha/year	
	average	min
Direct N ₂ O emissions from N inputs to managed soils - N ₂ O-N _{N inputs}	0,924	0,277

Indirect N₂O emissions from managed soils (Tier1)

Volatilization - N₂O_(ATD)-N	average	min
Fraction of applied organic N fertiliser materials (F _{ON}) and of urine, etc. that volatilises as NH ₃ and NO _x - Frac _{GASM}	0,20	0,05
Fraction of synthetic fertiliser N that volatilises as NH ₃ and NO _x - Frac _{GASF}	0,10	0,03
Quantity of NH ₃ volatilized - NH ₃ -N (kg)	7,360	2,070
Emission factor for NH ₃ volatilization - EF ₄	0,01	0,00
N ₂ O from atmospheric deposition of N volatilised - N ₂ O _(ATD) -N	0,074	0,004

Leaching - N₂O_(L)-N	average	min
Fraction of all N added to/mineralised that is lost through leaching and runoff - Frac _{LEACH(H)}	0,30	0,10
Quantity of nitrate leaching - NO ₃ -N	27,732	9,244
Emission factor for N ₂ O emissions from N leaching and runoff - EF ₅	0,01	0,00
Emission of N ₂ O from nitrate leaching effect - N ₂ O _(L) -N	0,208	0,005

52049	MJ _{Rapeseed} /ha/year	xxx
		xxx
		xxx
		xxx
		xxx

		Emissions calculation	
		kgCO ₂ /ha/year	kgCH ₄ /ha/year
73	litres/ha/year	229,4	0
		162,4	0,469
		130,0	0,399
		0	0,000
		0,8	0,001
		9,0	0,026
		13,2	0,018
		9	0
		0,5	0,001
		392,4	0,470
		20,2	0,047
0,0009	kWh/MJ _{Rapeseed}	19,4	0,047
0,0000	litres/MJ _{Rapeseed}	0,8	0,000
		412,5	0,52
		0,19250	0,00024



	kgN ₂ O/ha/year		
<i>max</i>	average	<i>min</i>	<i>max</i>
5,657	1,895	0,450	8,890
2,869	0,961	0,228	4,509

0,109	0,036	0,009	0,171
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Not known	yes	no
Not concerned	Undetermined	Forest to arable

$$AG_{DM(T)} = (Crop_{(T)}/1000) * slope_{(T)} + intercept_{(T)}$$

EQUATION 11.6
N FROM CROP RESIDUES AND FORAGE/PASTURE RENEWAL (TIER 1)

$$F_{CR} = \sum_T \left\{ \left[Crop_{(T)} \cdot (Area_{(T)} - Area_{burnt(T)} \cdot C_f) \cdot Frac_{Renew(T)} \cdot \left[R_{AG(T)} \cdot N_{AG(T)} \cdot (1 - Frac_{Remove(T)}) + R_{BG(T)} \cdot N_{BG(T)} \right] \right] \right\}$$

max	
30	

15	
	kgN/ha/year

<i>max</i>	
0,030	kgN ₂ O-N/kg N input

	kgN ₂ O/ha/year		
<i>max</i>	average	<i>min</i>	<i>max</i>
2,773	1,453	0,436	4,358

<i>max</i>	
0,50	kgN volat/kg of N applied
0,30	kgN volat/kg of N applied
20,700	kgNH ₃ &NO _x /ha/year
0,05	kgN-N ₂ O/kgNH ₃ -N + NO _x -N volat

	kg N ₂ O/ha/year		
1,035	0,116	0,007	1,626

<i>max</i>	
0,80	kgN/kg of N additions
73,951	kgNO ₃ -N/ha/year
0,03	kgN ₂ O-N/kgN leached and runoff

	kgN ₂ O/ha/year		
1,849	0,327	0,007	2,905

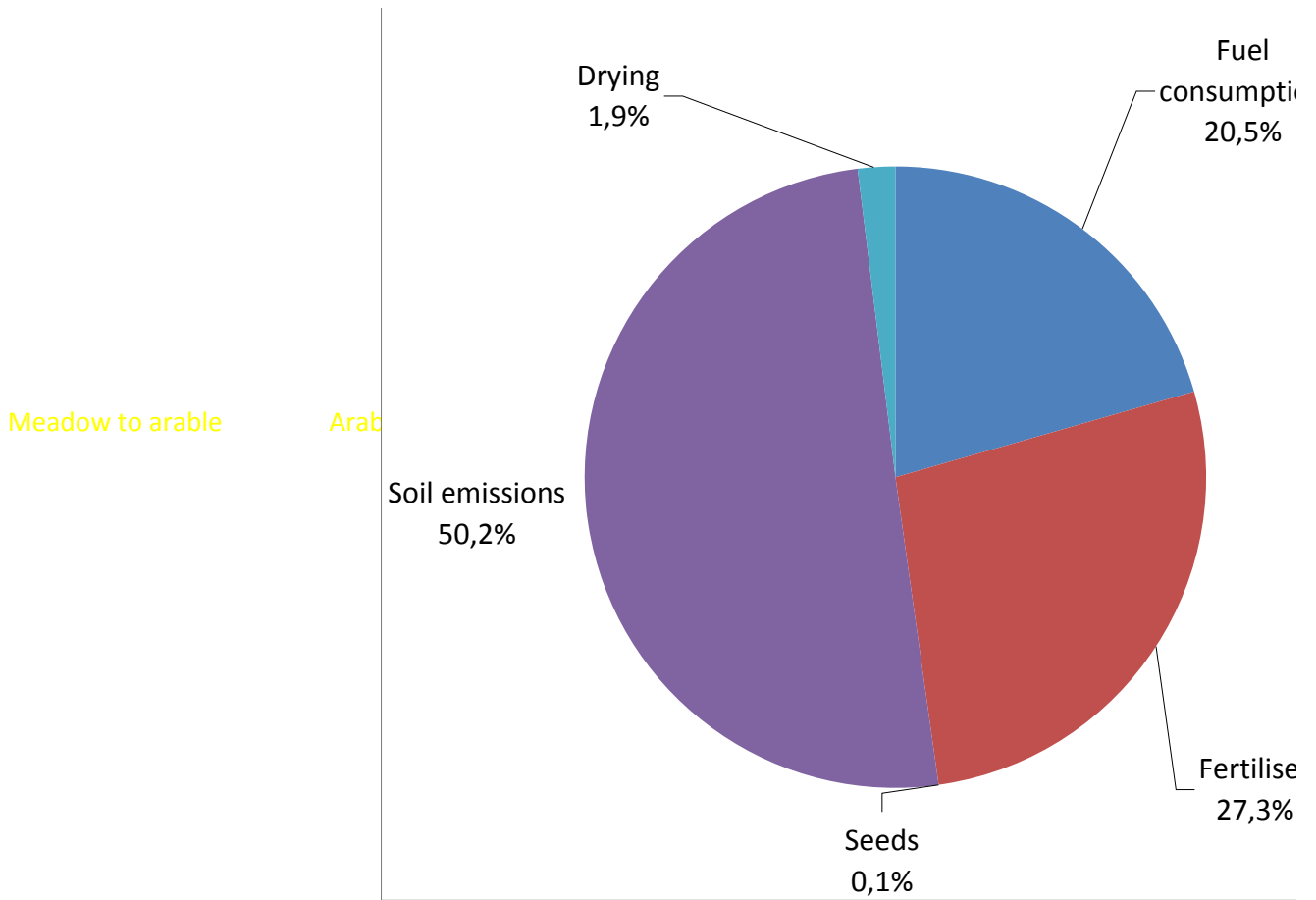
- input parameter
- constant
- formula
- result
- input parameters
(national values)

YES

YES

NO

kgN ₂ O/ha/year	kgCO ₂ eq/ha/year	gCO ₂ eq/MJ _{Rapeseed} /year	gCO ₂ eq/MJ _{Biodiesel} /year
0	229,4	4,4	7,6
0,446	305,3	5,9	10,1
0,444	270,5	5,2	9,0
0	0,0	0,0	0,0
0,000	0,9	0,0	0,0
0,000	9,6	0,2	0,3
0,001	13,8	0,3	0,5
0	10,4	0,2	0,3
0,001	1,0	0,0	0,0
1,895	561,0	10,8	18,6
2,343	1096,6	21,1	36,4
0,001	21,5	0,4	0,7
0,001	20,7	0,4	0,7
0,000	0,8	0,0	0,0
2,34	1118,1	21,5	37,1
0,00109	1,826		



EQUATION 11.7A

ALTERNATIVE APPROACH TO ESTIMATE F_{CR} (USING TABLE 11.2)

(ER 1)
 $\left. \begin{matrix} T) \bullet \\ (T) \end{matrix} \right\}$

$$F_{CR} = \sum_T \left\{ \left(Area_{(T)} - Area_{burnt(T)} \bullet CF \right) \bullet Frac_{Renew(T)} \bullet \left[AG_{DM(T)} \bullet N_{AG(T)} \bullet (1 - Frac_{Remov(T)}) + (AG_{DM(T)} \bullet 1000 + Crop_{P(T)}) \bullet R_{BG-BIQ(T)} \bullet N_{BG(T)} \right] \right\}$$

EQUATION 11.2

DIRECT N₂O EMISSIONS FROM MANAGED SOILS (TIER 2)

$$N_2O_{Direct-N} = \sum_i (F_{SN} + F_{ON})_i \bullet EF_{1i} + (F_{CR} + F_{SOM}) \bullet EF_1 + N_2O-N_{OS}$$

EQUATION 11.9

N₂O FROM ATMOSPHERIC DEPOSITION OF N VOLATILISED FROM MANAGED SOILS (TIER 1)

$$N_2O_{(ATD)-N} = [(F_{SN} \bullet Frac_{GASF}) + ((F_{ON} + F_{PRP}) \bullet Frac_{GASM})]$$

EQUATION 11.10

N₂O FROM N LEACHING/RUNOFF FROM MANAGED SOILS IN REGIONS WHERE N LEACHING/RUNOFF OCCURS (TIER 1)

$$N_2O_{(L)-N} = (F_{SN} + F_{ON} + F_{PRP} + F_{CR} + F_{SOM}) \bullet Frac_{LEACH}$$

Fuel consumption
Fertiliser

Seeds

Soil emissions

Drying

Fuel

Fuel
consumption
10,5%

fertiliser
27,3%

$\cdot N_{BG(T)}$ }

R 2)

$$V_{OS} + N_2O - N_{PRP}$$

MANAGED SOILS (TIER 1)

$$] \cdot EF_4$$

REGIONS WHERE LEACHING/RUNOFF

$$] \cdot EF_5$$

Sum of TABCELL		Year			
Crop	Parameter	Region	2000	2001	
Wheat	Yield, cnt/ha	LATVIA	27	27	
		Riga	23	29	
		Greater Riga Area			
		Vidzeme	19	22	
		Kurzeme	25	23	
		Zemgale	31	31	
		Latgale	17	19	
		Total yield, 1000 t	LATVIA	427	452
			Riga	5	5
			Greater Riga Area		
			Vidzeme	26	29
			Kurzeme	78	91
			Zemgale	287	299
			Latgale	31	28
		Sown area, 1000 ha	LATVIA	158	167
			Riga	2	2
			Greater Riga Area		
	Vidzeme	14	14		
	Kurzeme	31	39		
	Zemgale	92	98		
	Latgale	19	15		
Wheat (su)	Yield, cnt/ha	LATVIA	23	24	
	Total yield, 1000 t	LATVIA	91	86	
	Sown area, 1000 ha	LATVIA	41	36	
Wheat (wi)	Yield, cnt/ha	LATVIA	29	28	
	Total yield, 1000 t	LATVIA	336	366	
	Sown area, 1000 ha	LATVIA	117	131	
Rapeseed	Yield, cnt/ha A	LATVIA	15	15	
		Yield, cnt/ha B	LATVIA	15	15
		Yield, cnt/ha	Riga	16	9
			Greater Riga Area		
			Vidzeme	9	12
			Kurzeme	10	12
			Zemgale	17	17
			Latgale	6	9
		Total yield, 1000 t	LATVIA	10	13
			Riga	0	0
			Greater Riga Area		
			Vidzeme	1	1
			Kurzeme	1	1
			Zemgale	8	10
			Latgale	0	0
		Sown area, 1000 ha B	LATVIA	7	8
		Sown area, 1000 ha C	LATVIA	7	8
Sown area, 1000 ha A	LATVIA	7	8		
Sown area, 1000 ha	Riga	0	0		
	Greater Riga Area				
	Vidzeme	1	1		

Rapeseed Sown area, 1000 ha	Kurzeme	1	1	
	Zemgale	5	6	
	Latgale	0	0	
Cereal crop Yield, cnt/ha A	LATVIA	22	21	
	Yield, cnt/ha B	LATVIA	22	21
	Riga	0	0	
	Greater Riga Area	21	20	
	Vidzeme	18	18	
	Kurzeme	22	20	
	Zemgale	27	26	
	Latgale	16	17	
	Total yield, t	LATVIA	923645	927966
		Riga	0	0
Greater Riga Area		112905	115075	
Vidzeme		107464	115573	
Kurzeme		191821	196574	
Zemgale		393399	376154	
Latgale		118056	124590	
LATVIA		420	444	
Sown area, 1000 ha	LATVIA	420045	443715	
	Riga	0	0	
	Greater Riga Area	54070	58401	
	Vidzeme	58813	65888	
	Kurzeme	87514	99023	
	Zemgale	144779	147486	
	Latgale	74869	72917	
	Manure Mineral fertiliser (value converted to 10	LATVIA	37	51
Mineral fertiliser (value converted to 10		37	51	
Mineral fertiliser (value converted to 10		4	7	
Greater Riga Area		4	5	
Vidzeme		4	5	
Kurzeme		6	9	
Zemgale		17	25	
Latgale		6	6	
Mineral fertiliser (value converted to 10		LATVIA	42	59
		Nitrogen, 1000 t	LATVIA	23
Phosphorus, 1000 t	Greater Riga Area	3	4	
	Vidzeme	3	3	
	Kurzeme	4	6	
	Zemgale	10	16	
	Latgale	4	4	
	LATVIA	6	7	
	Greater Riga Area	1	1	
	Vidzeme	1	1	
Potassium, 1000 t	Kurzeme	1	1	
	Zemgale	3	4	
	Latgale	1	1	
	LATVIA	8	12	
	Greater Riga Area	1	2	
	Vidzeme	1	1	
Kurzeme	1	2		
	Zemgale	4	6	

	Potassium, 1000 t	Latgale	1	1
	Organic manure, 1000 t A	LATVIA	4199	4995
	Organic manure, 1000 t B	LATVIA	4199	4995
	Organic manure, 1000 t	Greater Riga Area	613	499
		Vidzeme	664	593
		Kurzeme	768	1229
		Zemgale	632	1014
		Latgale	1522	1660
	Organic manure per area unit, t/ha	LATVIA	5	6
	Liming material, 1000 t A	LATVIA	10	1
	Liming material, 1000 t B	LATVIA	10	1
	Liming material per unit of area limed, t	LATVIA	3	6
	Animal Manure Applied to Soils, kgN	LATVIA	15934114	16729028
Land	Used agricultural land	LATVIA	1587	1582
	..cropland	LATVIA	970	958
	..permanent crops (excluding strawberries)	LATVIA	12	12
	..meadows and pastures		606	611
	Sown area, 1000 ha A	LATVIA	881	869
	Sown area, 1000 ha	LATVIA	881	870
		Riga	22	22
		Greater Riga Area	0	0
		Vidzeme	205	209
		Kurzeme	167	172
		Zemgale	286	306
		Latgale	202	160
			2000	2001
	Limed area, ha	LATVIA	3091	115
	Lime per unit of area sown, kg/ha	LATVIA	11,6	0,8
	Nitrogen, kg/ha	LATVIA	26,10	36,33
		Greater Riga Area	125,58	194,44
		Vidzeme	12,18	13,88
		Kurzeme	22,74	32,62
		Zemgale	36,41	50,60
		Latgale	17,85	21,86
	Phosphorus, kg/ha	LATVIA	6,58	8,51
		Greater Riga Area	32,56	46,30
		Vidzeme	2,92	3,35
		Kurzeme	5,98	7,57
		Zemgale	9,10	11,75
		Latgale	4,46	5,00
	Potassium, kg/ha	LATVIA	9,31	13,91
		Greater Riga Area	46,51	74,07
		Vidzeme	4,38	5,27
		Kurzeme	7,78	12,23

	Zemgale	12,96	19,26
	Latgale	6,45	8,12
Organic manure, t/ha	LATVIA	4,77	5,74
	Greater Riga Area	28,50	23,09
	Vidzeme	3,23	2,84
	Kurzeme	4,60	7,16
	Zemgale	2,21	3,31
	Latgale	7,54	10,37
Organic manure, %	LATVIA	1,00	1,00
	Greater Riga Area	0,15	0,10
	Vidzeme	0,16	0,12
	Kurzeme	0,18	0,25
	Zemgale	0,15	0,20
	Latgale	0,36	0,33
Animal manure applied to soils, kgN	LATVIA	15934114	16729028
	Greater Riga Area	2325203	1670324
	Vidzeme	2519128	1985163
	Kurzeme	2915707	4117028
	Zemgale	2399586	3397252
	Latgale	5774489	5559261
Animal manure applied to soils, kgN/h:	LATVIA	16,2	17,2
	Greater Riga Area	97,1	69,3
	Vidzeme	11,0	8,5
	Kurzeme	15,7	21,5
	Zemgale	7,5	9,9
	Latgale	25,7	31,1
Cropland/Sown area ratio		1,11	1,12

Mineral fertiliser used on cereal crops, 1000t
Per ha of total area sown, kg

2002	2003	2004	2005	2006	2007	2008	2009
34	28	29	36	28	36	39	36
30	26	24	31	27	34	34	36
25	16	20	29	20	31	27	28
29	28	26	30	27	33	30	32
40	32	35	43	32	42	46	43
22	13	19	25	18	27	39	28
520	468	500	677	598	807	990	1036
51	39	41	59	56	69	79	94
28	20	23	46	39	65	70	83
87	104	103	115	129	175	165	213
324	289	308	411	327	426	546	541
31	17	25	46	47	73	130	106
154	168	170	187	215	225	257	286
17	15	17	19	21	20	23	26
11	13	11	16	19	21	26	30
31	37	39	39	48	53	55	66
81	89	89	95	101	103	119	127
14	14	13	18	26	28	34	38
29	26	24	32	22	31	29	30
109	104	99	178	137	205	249	217
38	40	41	55	63	65	86	73
35	29	31	38	30	38	44	39
410	364	401	498	462	603	741	820
116	128	129	132	152	159	170	212
18	14	19	20	15	20	24	22
18	14	19	20	15	20	24	22
15	15	16	20	15	21	23	20
13	15	16	19	12	19	18	16
14	13	14	20	13	18	19	22
21	16	24	24	18	23	31	26
9	10	13	11	7	11	12	12
33	37	104	146	121	197	199	205
4	4	8	20	17	27	29	24
2	5	15	27	17	27	23	23
3	5	9	18	18	30	31	39
23	21	62	72	62	102	109	111
2	3	9	10	8	11	7	8
18	26	54	71	83	99	83	93
18	26	54	71	83	99	83	93
18	26	54	71	83	99	83	93
2	3	5	10	11	13	13	12
2	3	9	14	14	14	13	14

2	4	7	9	13	17	16	18
11	14	26	30	34	45	36	43
2	3	7	9	11	10	6	6
25	22	24	28	23	29	31	31
25	22	24	28	23	29	31	31
0	0	0	0	0	0	0	0
23	22	21	26	25	30	30	31
20	16	20	24	18	27	25	24
23	24	23	26	23	27	25	29
32	28	31	37	28	37	41	39
18	12	19	20	16	22	27	24
1028536	932394	1059502	1314299	1158736	1535204	1689440	1663139
0	0	0	0	0	0	0	0
131492	111699	121005	164239	165068	174152	183173	185935
121012	101187	126141	171668	144031	220393	219256	213971
204000	228421	240733	287867	270553	332725	311959	345299
449262	403940	441832	541558	435871	586230	710591	677199
122769	87146	129791	148966	143214	221705	264463	240735
415	429	437	469	512	522	544	541
414970	428497	436649	468939	511833	521889	544246	540842
0	0	0	0	0	0	0	0
56909	51359	56516	63008	66178	58888	61666	59496
60531	63599	64283	71427	78245	81589	87469	87572
90009	96262	104074	112655	120371	121970	123746	120600
139707	143963	143733	146282	157043	160653	174322	172964
67814	73314	68044	75567	89996	98789	97042	100210
49	61	61	74	76	83	82	82
49	61	61	74	76	83	82	82
6	7	8	17	11	11	11	10
5	6	7	10	8	10	10	8
7	13	11	20	15	20	19	16
25	28	30	22	36	36	36	43
5	8	5	6	6	7	7	5
55	72	68	74	67	74	74	74
28	38	35	41	43	46,1	47,5	51,9
4	4	4	8	6	5,7	5,8	6,6
3	4	4	5	5	5,6	5,8	5,3
4	8	7	12	9	11,4	11,8	11,2
14	17	17	12	20	19,6	20,1	25,2
3	5	3	3	4	3,8	4,0	3,6
8	9	11	15	15	16,7	15,2	13,4
1	1	2	4	2	2,2	2,0	1,5
1	1	1	2	2	2,0	1,8	1,3
1	2	2	4	3	3,8	3,4	2,0
4	4	5	4	7	7,3	6,7	8,0
1	1	1	1	1	1,4	1,3	0,6
13	14	15	19	18	20,5	19,2	16,6
2	2	2	5	3	2,9	2,7	1,9
1	1	2	3	2	2,4	2,3	1,5
2	3	2	4	3	4,3	4,0	2,6
7	7	8	6	9	9,4	8,8	9,9

1	2	1	1	1	1,5	1,4	0,7
4055	5856	4328	4055	3447	2861	2612	3221
4055	5856	4328	4055	3447	2861	2612	3221
412	1142	553	847	465	411	460	616
736	904	1289	848	808	693	588	536
1346	1461	698	997	657	539	527	796
681	556	697	506	784	588	534	716
880	1794	1092	857	733	629	504	558
5	7	5	4	3	3	2	3
33	54	2	3	3	11	6	9
33	54	2	3	3	11	6	9
10	14	3	4	2	3	1	2
16954026	16467256	16036332	16364948	16248232	16851618	16107827	16063886
1596	1582	1642	1734	1855	1839	1825	1833
973	956	1009	1092	1205	1188	1170	1168
12	12	12	13	13	10	7	6
610	613	621	629	637	641	648	659
878	851	899	1000	1123	1126	1112	1112
878	851	899	1000	1123	1126	1112	1112
31	28	0	0	0	0	0	0
0	0	127	140	164	171	148	148
212	186	150	175	195	194	197	204
159	178	188	226	244	238	241	240
289	278	248	259	284	286	331	304
188	182	187	200	236	238	195	216

2002	2003	2004	2005	2006	2007	2008	2009
3225	3871	759	943	2000	3147	5000	4833
37,5	63,2	2,4	3,3	2,7	9,5	5,4	7,8
31,45	44,06	39,15	40,92	38,03	40,9	42,7	46,7
116,13	144,40	33,99	59,83	34,15	33,4	39,2	44,6
12,29	18,87	28,06	29,77	24,11	28,9	29,5	26,0
25,80	45,07	37,73	54,05	37,25	47,9	49,0	46,6
49,91	61,44	67,02	45,95	69,01	68,5	60,7	82,8
15,44	26,91	16,57	16,02	15,70	16,0	20,5	16,7
9,34	10,93	12,12	14,71	12,92	14,8	13,7	12,1
35,48	36,10	13,44	24,93	14,02	12,9	13,5	10,1
3,78	4,85	9,35	12,02	8,21	10,3	9,1	6,4
7,55	11,27	9,56	17,28	10,64	16,0	14,1	8,3
14,90	15,09	21,80	16,22	23,94	25,5	20,2	26,3
4,79	6,59	3,21	5,01	5,09	5,9	6,7	2,8
14,58	16,57	16,68	18,71	16,30	18,2	17,3	14,9
54,84	54,15	18,97	33,48	18,29	17,0	18,3	12,8
5,67	7,01	11,36	14,88	9,24	12,4	11,7	7,4
11,96	16,90	11,69	19,05	11,87	18,1	16,6	10,8

23,22	23,36	31,49	22,39	32,04	32,8	26,6	32,5
6,92	9,88	4,28	6,51	5,94	6,3	7,2	3,2
4,62	6,88	4,81	4,06	3,07	2,54	2,35	2,90
13,28	41,22	4,37	6,04	2,84	2,41	3,11	4,16
3,48	4,87	8,61	4,85	4,15	3,57	2,99	2,63
8,47	8,23	3,71	4,42	2,69	2,27	2,19	3,31
2,36	2,00	2,81	1,95	2,76	2,06	1,61	2,35
4,69	9,85	5,84	4,29	3,11	2,65	2,59	2,58
1,00	1,00	1,00	1,00	1,00	1,00	1,00	1,00
0,10	0,19	0,13	0,21	0,13	0,14	0,18	0,19
0,18	0,15	0,30	0,21	0,23	0,24	0,23	0,17
0,33	0,25	0,16	0,25	0,19	0,19	0,20	0,25
0,17	0,09	0,16	0,12	0,23	0,21	0,20	0,22
0,22	0,31	0,25	0,21	0,21	0,22	0,19	0,17
16954026	16467256	16036332	16364948	16248232	16851618	16107827	16063886
1721828	3210668	2047341	3419891	2193082	2420586	2835229	3071638
3075290	2542271	4775771	3422312	3810080	4082420	3626528	2670665
5629600	4107956	2586135	4023638	3096809	3176394	3247839	3970338
2846159	1562311	2581317	2040069	3694580	3466228	3290395	3570861
3681149	5044050	4045769	3459441	3453680	3705989	3107836	2780384
17,2	17,0	15,7	14,8	13,3	14,1	13,7	13,7
49,5	101,9	14,3	22,0	12,3	13,3	18,1	19,7
13,0	12,0	28,1	17,7	18,0	19,8	17,4	12,4
31,6	20,3	12,1	16,1	11,7	12,6	12,7	15,7
8,8	4,9	9,2	7,1	12,0	11,4	9,4	11,1
17,5	24,3	19,0	15,7	13,5	14,7	15,1	12,2
1,12	1,14	1,14	1,11	1,09	1,06	1,06	1,06
					58,10	60,10	58,10
					111,00	110,00	107,00

2010		2007-2010	
32		35,57	35,42 LATVIA
		#DIV/0!	Riga
31		33,70	Greater Riga Area
24		27,17	Vidzeme
31		31,50	Kurzeme
39		42,02	Zemgale
21		28,35	Latgale
989	TRUE	3822,6	LATVIA
	TRUE	0,0	Riga
90	TRUE	332,3	Greater Riga Area
81	TRUE	298,6	Vidzeme
225	TRUE	777,1	Kurzeme
513	TRUE	2025,2	Zemgale
81	TRUE	389,5	Latgale
308	TRUE	1074,6	LATVIA
	TRUE	0,0	Riga
29	TRUE	98,6	Greater Riga Area
34	TRUE	109,9	Vidzeme
73	TRUE	246,7	Kurzeme
133	TRUE	482,0	Zemgale
39	TRUE	137,4	Latgale
24		28,32	LATVIA
199	TRUE	868,1	LATVIA
82	TRUE	306,5	LATVIA
35		38,26	LATVIA
775	TRUE	2938,2	LATVIA
226	TRUE	768,0	LATVIA
21			LATVIA
21		21,43	LATVIA
		#DIV/0!	Riga
21		21,20	Greater Riga Area
14		16,82	Vidzeme
21		19,95	Kurzeme
24		25,44	Zemgale
11		11,41	Latgale
226	TRUE	826,4	LATVIA
	TRUE	0,0	Riga
33	TRUE	113,2	Greater Riga Area
20	TRUE	92,7	Vidzeme
53	TRUE	152,6	Kurzeme
112	TRUE	433,2	Zemgale
9	TRUE	34,7	Latgale
111			LATVIA
111			LATVIA
111	TRUE	385,7	LATVIA
	TRUE	0,0	Riga
16	TRUE	53,4	Greater Riga Area
15	TRUE	55,1	Vidzeme

26	TRUE	76,5	Kurzeme
46	TRUE	170,3	Zemgale
9	TRUE	30,4	Latgale
27			
27			
0			
25			
20			
26			
35			
17			
1435486			
0			
158333			
173924			
327813			
614689			
160727			
542			
541551	TRUE	2148528,0	LATVIA
0			
62331			
85280			
124014			
176809			
93117			
92			
93	TRUE	339,9	76,34 LATVIA
12	TRUE	43,5	70,59 LATVIA
10	TRUE	38,1	48,05 Greater Riga Area
21	TRUE	75,3	77,84 Vidzeme
44	TRUE	158,5	128,78 Kurzeme
7	TRUE	24,8	29,34 Zemgale
84		76,34	Latgale
59,5	TRUE	205,0	LATVIA
7,8	TRUE	25,9	LATVIA
6,1	TRUE	22,8	Greater Riga Area
14,3	TRUE	48,7	Vidzeme
27,1	TRUE	92,0	Kurzeme
4,2	TRUE	15,6	Zemgale
15,7	TRUE	61,0	Latgale
2,0	TRUE	7,7	LATVIA
2,0	TRUE	7,1	Greater Riga Area
3,1	TRUE	12,3	Vidzeme
7,5	TRUE	29,5	Kurzeme
1,1	TRUE	4,4	Zemgale
17,9	TRUE	74,2	Latgale
2,4	TRUE	9,9	LATVIA
2,0	TRUE	8,2	Greater Riga Area
3,4	TRUE	14,3	Vidzeme
8,9	TRUE	37,0	Kurzeme

1,2	TRUE	4,8		Zemgale
3716				Latgale
3716	TRUE	12409,2		LATVIA
441	TRUE	1927,9		LATVIA
684	TRUE	2500,9		Greater Riga Area
760	TRUE	2622,3		Vidzeme
1203	TRUE	3040,9		Kurzeme
627	TRUE	2317,2		Zemgale
3		2,79		Latgale
4				LATVIA
4	TRUE	29,7		LATVIA
2		1,91		LATVIA
	TRUE	49023330,7		LATVIA
1806				LATVIA
1173	TRUE	4699,0		LATVIA
7	TRUE	29,7		LATVIA
625				LATVIA
1103				LATVIA
1103	TRUE	4452,4	3349,7	LATVIA
0	TRUE	0,0	0,0	Riga
150	TRUE	616,2	594,3	Greater Riga Area
199	TRUE	792,9	718,8	Vidzeme
249	TRUE	967,4	718,8	Kurzeme
309	TRUE	1230,8	921,6	Zemgale
197	TRUE	845,3	648,6	Latgale

2010

2529		15509,8	3877,5	
3,9		6,7		
54,0		46,0		
52,1		42,0		
30,7		28,8		
57,5		50,3		
87,6		74,7		
21,4		18,5		
14,2		13,7		
13,4		12,5		
10,1		9,0		
12,5		12,7		
24,3		24,0		
5,6		5,2		
16,2		16,7		
16,0		16,1		
10,1		10,3		
13,7		14,8		

28,8	30,1
6,1	5,7
3,37	2,79
2,95	3,13
3,45	3,15
3,06	2,71
3,89	2,47
3,19	2,74
1,00	
0,12	
0,18	
0,20	
0,32	
0,17	
	49023331
	8327454
	10379612
	10394571
	10327484
	9594209
	13,8
	13,2
	13,6
	13,7
	10,6
	14,0
1,07	1,059
63,10	239,4
117,00	111,4

Yield, cnt/ha	Wheat
Yield, cnt/ha	Wheat
Yield, cnt/ha	Wheat
Yield, cnt/ha	Wheat
Yield, cnt/ha	Wheat
Yield, cnt/ha	Wheat
Yield, cnt/ha	Wheat
Total yield, 1000 t	Wheat
Total yield, 1000 t	Wheat
Total yield, 1000 t	Wheat
Total yield, 1000 t	Wheat
Total yield, 1000 t	Wheat
Total yield, 1000 t	Wheat
Total yield, 1000 t	Wheat
Sown area, 1000 ha	Wheat
Sown area, 1000 ha	Wheat
Sown area, 1000 ha	Wheat
Sown area, 1000 ha	Wheat
Sown area, 1000 ha	Wheat
Sown area, 1000 ha	Wheat
Sown area, 1000 ha	Wheat
Sown area, 1000 ha	Wheat
Yield, cnt/ha	Wheat (summer)
Total yield, 1000 t	Wheat (summer)
Sown area, 1000 ha	Wheat (summer)
Yield, cnt/ha	Wheat (winter)
Total yield, 1000 t	Wheat (winter)
Sown area, 1000 ha	Wheat (winter)
Yield, cnt/ha A	Rapeseed
Yield, cnt/ha B	Rapeseed
Yield, cnt/ha	Rapeseed
Yield, cnt/ha	Rapeseed
Yield, cnt/ha	Rapeseed
Yield, cnt/ha	Rapeseed
Yield, cnt/ha	Rapeseed
Yield, cnt/ha	Rapeseed
Yield, cnt/ha	Rapeseed
Total yield, 1000 t	Rapeseed
Total yield, 1000 t	Rapeseed
Total yield, 1000 t	Rapeseed
Total yield, 1000 t	Rapeseed
Total yield, 1000 t	Rapeseed
Total yield, 1000 t	Rapeseed
Total yield, 1000 t	Rapeseed
Sown area, 1000 ha A	Rapeseed
Sown area, 1000 ha B	Rapeseed
Sown area, 1000 ha C	Rapeseed
Sown area, 1000 ha	Rapeseed
Sown area, 1000 ha	Rapeseed
Sown area, 1000 ha	Rapeseed

Sown area, 1000 ha	Rapeseed
Sown area, 1000 ha	Rapeseed
Sown area, 1000 ha	Rapeseed

Sown area, ha	Cereal crops
---------------	--------------

Mineral fertiliser (value converted)	Manure
Mineral fertiliser (value converted)	Manure
Mineral fertiliser (value converted)	Manure
Mineral fertiliser (value converted)	Manure
Mineral fertiliser (value converted)	Manure
Mineral fertiliser (value converted)	Manure
Mineral fertiliser (value converted)	Manure
Mineral fertiliser (value converted)	Manure
Nitrogen, 1000 t	Manure
Nitrogen, 1000 t	Manure
Nitrogen, 1000 t	Manure
Nitrogen, 1000 t	Manure
Nitrogen, 1000 t	Manure
Nitrogen, 1000 t	Manure
Phosphorus, 1000 t	Manure
Phosphorus, 1000 t	Manure
Phosphorus, 1000 t	Manure
Phosphorus, 1000 t	Manure
Phosphorus, 1000 t	Manure
Phosphorus, 1000 t	Manure
Potassium, 1000 t	Manure
Potassium, 1000 t	Manure
Potassium, 1000 t	Manure
Potassium, 1000 t	Manure

Potassium, 1000 t	Manure
Potassium, 1000 t	Manure
Organic manure, 1000 t A	Manure
Organic manure, 1000 t B	Manure
Organic manure, 1000 t	Manure
Organic manure, 1000 t	Manure
Organic manure, 1000 t	Manure
Organic manure, 1000 t	Manure
Organic manure, 1000 t	Manure
Organic manure per area unit	Manure
Liming material, 1000 t A	Manure
Liming material, 1000 t B	Manure
Liming material per unit of ar	Manure
Animal manure applied to soi	Manure
Used agricultural land	Land
..cropland	Land
..permanent crops (excluding	Land
Sown area, 1000 ha A	Land
Sown area, 1000 ha	Land
Sown area, 1000 ha	Land
Sown area, 1000 ha	Land
Sown area, 1000 ha	Land
Sown area, 1000 ha	Land
Sown area, 1000 ha	Land
Sown area, 1000 ha	Land
Sown area, 1000 ha	Land

Year	Crop	TABCELL	Region
1990	Cereal crops	23,7	LATVIA
1990	Rapeseed	19,5	LATVIA
1991	Cereal crops	20,3	LATVIA
1991	Rapeseed	12,9	LATVIA
1992	Cereal crops	16,4	LATVIA
1992	Rapeseed	10,8	LATVIA
1993	Cereal crops	17,7	LATVIA
1993	Rapeseed	14,7	LATVIA
1994	Cereal crops	18,4	LATVIA
1994	Rapeseed	8,2	LATVIA
1995	Cereal crops	16,9	LATVIA
1995	Rapeseed	8,1	LATVIA
1996	Cereal crops	21,5	LATVIA
1996	Rapeseed	16,3	LATVIA
1997	Cereal crops	21,4	LATVIA
1997	Rapeseed	12,5	LATVIA
1998	Cereal crops	20,6	LATVIA
1998	Rapeseed	13,3	LATVIA
1999	Cereal crops	18,9	LATVIA
1999	Rapeseed	18,0	LATVIA
2000	Cereal crops	22,0	LATVIA
2000	Rapeseed	14,6	LATVIA
2001	Cereal crops	20,9	LATVIA
2001	Rapeseed	15,4	LATVIA
2002	Cereal crops	24,8	LATVIA
2002	Rapeseed	17,8	LATVIA
2003	Cereal crops	21,8	LATVIA
2003	Rapeseed	14,4	LATVIA
2004	Cereal crops	24,3	LATVIA
2004	Rapeseed	19,0	LATVIA
2005	Cereal crops	28,0	LATVIA
2005	Rapeseed	20,4	LATVIA
2006	Cereal crops	22,6	LATVIA
2006	Rapeseed	14,5	LATVIA
2007	Cereal crops	29,4	LATVIA
2007	Rapeseed	19,8	LATVIA
2008	Cereal crops	31,0	LATVIA
2008	Rapeseed	24,0	LATVIA
2009	Cereal crops	30,8	LATVIA
2009	Rapeseed	21,9	LATVIA
2010	Cereal crops	26,5	LATVIA
2010	Rapeseed	20,5	LATVIA
1990	Cereal crops	685907,0	LATVIA
1990	Cereal crops	1621900,0	LATVIA
1990	Cereal crops	24,0	LATVIA
1991	Cereal crops	657266,0	LATVIA
1991	Cereal crops	1335500,0	LATVIA
1991	Cereal crops	20,0	LATVIA
1992	Cereal crops	703400,0	LATVIA
1992	Cereal crops	1152000,0	LATVIA

1992 Cereal crops	16,0 LATVIA
1993 Cereal crops	696400,0 LATVIA
1993 Cereal crops	1235000,0 LATVIA
1993 Cereal crops	18,0 LATVIA
1994 Cereal crops	489121,0 LATVIA
1994 Cereal crops	900600,0 LATVIA
1994 Cereal crops	18,0 LATVIA
1998 Cereal crops	465929,0 LATVIA
1998 Cereal crops	958876,0 LATVIA
1998 Cereal crops	21,0 LATVIA
1999 Cereal crops	415572,0 LATVIA
1999 Cereal crops	783367,0 LATVIA
1999 Cereal crops	19,0 LATVIA
2000 Cereal crops	420045,0 LATVIA
2000 Cereal crops	923645,0 LATVIA
2000 Cereal crops	22,0 LATVIA
2001 Cereal crops	443715,0 LATVIA
2001 Cereal crops	927966,0 LATVIA
2001 Cereal crops	21,0 LATVIA
2002 Cereal crops	414970,0 LATVIA
2002 Cereal crops	1028536,0 LATVIA
2002 Cereal crops	24,8 LATVIA
2003 Cereal crops	428497,0 LATVIA
2003 Cereal crops	932394,0 LATVIA
2003 Cereal crops	21,8 LATVIA
2004 Cereal crops	436649,4 LATVIA
2004 Cereal crops	1059502,0 LATVIA
2004 Cereal crops	24,3 LATVIA
2005 Cereal crops	468939,0 LATVIA
2005 Cereal crops	1314299,0 LATVIA
2005 Cereal crops	28,0 LATVIA
2006 Cereal crops	511833,0 LATVIA
2006 Cereal crops	1158736,0 LATVIA
2006 Cereal crops	22,6 LATVIA
2007 Cereal crops	521889,0 LATVIA
2007 Cereal crops	1535204,0 LATVIA
2007 Cereal crops	29,4 LATVIA
2008 Cereal crops	544246,0 LATVIA
2008 Cereal crops	1689440,0 LATVIA
2008 Cereal crops	31,0 LATVIA
2009 Cereal crops	540842,0 LATVIA
2009 Cereal crops	1663139,0 LATVIA
2009 Cereal crops	30,8 LATVIA
2010 Cereal crops	541551,0 LATVIA
2010 Cereal crops	1435486,0 LATVIA
2010 Cereal crops	26,5 LATVIA
1990 Cereal crops	0,0 Riga
1990 Cereal crops	0,0 Riga
1990 Cereal crops	0,0 Riga
1991 Cereal crops	0,0 Riga
1991 Cereal crops	0,0 Riga

1991 Cereal crops	0,0 Riga
1992 Cereal crops	0,0 Riga
1992 Cereal crops	0,0 Riga
1992 Cereal crops	0,0 Riga
1993 Cereal crops	0,0 Riga
1993 Cereal crops	0,0 Riga
1993 Cereal crops	0,0 Riga
1994 Cereal crops	0,0 Riga
1994 Cereal crops	0,0 Riga
1994 Cereal crops	0,0 Riga
1998 Cereal crops	0,0 Riga
1998 Cereal crops	0,0 Riga
1998 Cereal crops	0,0 Riga
1999 Cereal crops	0,0 Riga
1999 Cereal crops	0,0 Riga
1999 Cereal crops	0,0 Riga
2000 Cereal crops	0,0 Riga
2000 Cereal crops	0,0 Riga
2000 Cereal crops	0,0 Riga
2001 Cereal crops	0,0 Riga
2001 Cereal crops	0,0 Riga
2001 Cereal crops	0,0 Riga
2002 Cereal crops	0,0 Riga
2002 Cereal crops	0,0 Riga
2002 Cereal crops	0,0 Riga
2003 Cereal crops	0,0 Riga
2003 Cereal crops	0,0 Riga
2003 Cereal crops	0,0 Riga
2004 Cereal crops	0,0 Riga
2004 Cereal crops	0,0 Riga
2004 Cereal crops	0,0 Riga
2005 Cereal crops	0,0 Riga
2005 Cereal crops	0,0 Riga
2005 Cereal crops	0,0 Riga
2006 Cereal crops	0,0 Riga
2006 Cereal crops	0,0 Riga
2006 Cereal crops	0,0 Riga
2007 Cereal crops	0,0 Riga
2007 Cereal crops	0,0 Riga
2007 Cereal crops	0,0 Riga
2008 Cereal crops	0,0 Riga
2008 Cereal crops	0,0 Riga
2008 Cereal crops	0,0 Riga
2009 Cereal crops	0,0 Riga
2009 Cereal crops	0,0 Riga
2009 Cereal crops	0,0 Riga
2010 Cereal crops	0,0 Riga
2010 Cereal crops	0,0 Riga
2010 Cereal crops	0,0 Riga
1990 Cereal crops	88023,0 Greater Riga Area
1990 Cereal crops	236400,0 Greater Riga Area

1990 Cereal crops	26,9	Greater Riga Area
1991 Cereal crops	85616,0	Greater Riga Area
1991 Cereal crops	192000,0	Greater Riga Area
1991 Cereal crops	22,4	Greater Riga Area
1992 Cereal crops	90529,0	Greater Riga Area
1992 Cereal crops	166300,0	Greater Riga Area
1992 Cereal crops	18,4	Greater Riga Area
1993 Cereal crops	90534,0	Greater Riga Area
1993 Cereal crops	166800,0	Greater Riga Area
1993 Cereal crops	18,4	Greater Riga Area
1994 Cereal crops	69074,0	Greater Riga Area
1994 Cereal crops	131700,0	Greater Riga Area
1994 Cereal crops	19,1	Greater Riga Area
1998 Cereal crops	73263,0	Greater Riga Area
1998 Cereal crops	146344,3	Greater Riga Area
1998 Cereal crops	20,0	Greater Riga Area
1999 Cereal crops	59220,0	Greater Riga Area
1999 Cereal crops	116378,9	Greater Riga Area
1999 Cereal crops	19,7	Greater Riga Area
2000 Cereal crops	54070,0	Greater Riga Area
2000 Cereal crops	112904,5	Greater Riga Area
2000 Cereal crops	20,9	Greater Riga Area
2001 Cereal crops	58401,0	Greater Riga Area
2001 Cereal crops	115074,6	Greater Riga Area
2001 Cereal crops	19,7	Greater Riga Area
2002 Cereal crops	56909,0	Greater Riga Area
2002 Cereal crops	131492,2	Greater Riga Area
2002 Cereal crops	23,1	Greater Riga Area
2003 Cereal crops	51359,4	Greater Riga Area
2003 Cereal crops	111699,3	Greater Riga Area
2003 Cereal crops	21,7	Greater Riga Area
2004 Cereal crops	56515,5	Greater Riga Area
2004 Cereal crops	121005,0	Greater Riga Area
2004 Cereal crops	21,4	Greater Riga Area
2005 Cereal crops	63008,0	Greater Riga Area
2005 Cereal crops	164239,4	Greater Riga Area
2005 Cereal crops	26,1	Greater Riga Area
2006 Cereal crops	66178,0	Greater Riga Area
2006 Cereal crops	165067,8	Greater Riga Area
2006 Cereal crops	24,9	Greater Riga Area
2007 Cereal crops	58888,0	Greater Riga Area
2007 Cereal crops	174151,8	Greater Riga Area
2007 Cereal crops	29,6	Greater Riga Area
2008 Cereal crops	61666,0	Greater Riga Area
2008 Cereal crops	183172,5	Greater Riga Area
2008 Cereal crops	29,7	Greater Riga Area
2009 Cereal crops	59496,0	Greater Riga Area
2009 Cereal crops	185935,0	Greater Riga Area
2009 Cereal crops	31,3	Greater Riga Area
2010 Cereal crops	62331,0	Greater Riga Area
2010 Cereal crops	158333,0	Greater Riga Area

2010 Cereal crops	25,4 Greater Riga Area
1990 Cereal crops	127960,0 Vidzeme
1990 Cereal crops	288700,0 Vidzeme
1990 Cereal crops	22,6 Vidzeme
1991 Cereal crops	122736,0 Vidzeme
1991 Cereal crops	231300,0 Vidzeme
1991 Cereal crops	18,8 Vidzeme
1992 Cereal crops	132499,0 Vidzeme
1992 Cereal crops	202200,0 Vidzeme
1992 Cereal crops	15,3 Vidzeme
1993 Cereal crops	134101,0 Vidzeme
1993 Cereal crops	230800,0 Vidzeme
1993 Cereal crops	17,2 Vidzeme
1994 Cereal crops	95186,0 Vidzeme
1994 Cereal crops	168500,0 Vidzeme
1994 Cereal crops	17,7 Vidzeme
1998 Cereal crops	73955,0 Vidzeme
1998 Cereal crops	116977,7 Vidzeme
1998 Cereal crops	15,8 Vidzeme
1999 Cereal crops	55190,0 Vidzeme
1999 Cereal crops	81963,2 Vidzeme
1999 Cereal crops	14,9 Vidzeme
2000 Cereal crops	58813,0 Vidzeme
2000 Cereal crops	107463,9 Vidzeme
2000 Cereal crops	18,3 Vidzeme
2001 Cereal crops	65888,0 Vidzeme
2001 Cereal crops	115573,1 Vidzeme
2001 Cereal crops	17,5 Vidzeme
2002 Cereal crops	60531,0 Vidzeme
2002 Cereal crops	121012,2 Vidzeme
2002 Cereal crops	20,0 Vidzeme
2003 Cereal crops	63599,3 Vidzeme
2003 Cereal crops	101187,0 Vidzeme
2003 Cereal crops	15,9 Vidzeme
2004 Cereal crops	64282,8 Vidzeme
2004 Cereal crops	126140,6 Vidzeme
2004 Cereal crops	19,6 Vidzeme
2005 Cereal crops	71427,0 Vidzeme
2005 Cereal crops	171667,5 Vidzeme
2005 Cereal crops	24,0 Vidzeme
2006 Cereal crops	78245,0 Vidzeme
2006 Cereal crops	144030,9 Vidzeme
2006 Cereal crops	18,4 Vidzeme
2007 Cereal crops	81589,0 Vidzeme
2007 Cereal crops	220393,4 Vidzeme
2007 Cereal crops	27,0 Vidzeme
2008 Cereal crops	87469,0 Vidzeme
2008 Cereal crops	219255,9 Vidzeme
2008 Cereal crops	25,1 Vidzeme
2009 Cereal crops	87572,0 Vidzeme
2009 Cereal crops	213971,0 Vidzeme

2009 Cereal crops	24,4 Vidzeme
2010 Cereal crops	85280,0 Vidzeme
2010 Cereal crops	173924,0 Vidzeme
2010 Cereal crops	20,4 Vidzeme
1990 Cereal crops	128545,0 Kurzeme
1990 Cereal crops	326700,0 Kurzeme
1990 Cereal crops	25,4 Kurzeme
1991 Cereal crops	127148,0 Kurzeme
1991 Cereal crops	290500,0 Kurzeme
1991 Cereal crops	22,8 Kurzeme
1992 Cereal crops	138220,0 Kurzeme
1992 Cereal crops	202800,0 Kurzeme
1992 Cereal crops	14,7 Kurzeme
1993 Cereal crops	132931,0 Kurzeme
1993 Cereal crops	231000,0 Kurzeme
1993 Cereal crops	17,4 Kurzeme
1994 Cereal crops	100877,0 Kurzeme
1994 Cereal crops	184100,0 Kurzeme
1994 Cereal crops	18,2 Kurzeme
1998 Cereal crops	94028,0 Kurzeme
1998 Cereal crops	212727,2 Kurzeme
1998 Cereal crops	22,6 Kurzeme
1999 Cereal crops	80574,0 Kurzeme
1999 Cereal crops	163113,9 Kurzeme
1999 Cereal crops	20,2 Kurzeme
2000 Cereal crops	87514,0 Kurzeme
2000 Cereal crops	191821,4 Kurzeme
2000 Cereal crops	21,9 Kurzeme
2001 Cereal crops	99023,0 Kurzeme
2001 Cereal crops	196574,0 Kurzeme
2001 Cereal crops	19,9 Kurzeme
2002 Cereal crops	90009,0 Kurzeme
2002 Cereal crops	204000,2 Kurzeme
2002 Cereal crops	22,7 Kurzeme
2003 Cereal crops	96262,2 Kurzeme
2003 Cereal crops	228421,4 Kurzeme
2003 Cereal crops	23,7 Kurzeme
2004 Cereal crops	104073,8 Kurzeme
2004 Cereal crops	240733,3 Kurzeme
2004 Cereal crops	23,1 Kurzeme
2005 Cereal crops	112655,0 Kurzeme
2005 Cereal crops	287867,3 Kurzeme
2005 Cereal crops	25,6 Kurzeme
2006 Cereal crops	120371,0 Kurzeme
2006 Cereal crops	270552,6 Kurzeme
2006 Cereal crops	22,5 Kurzeme
2007 Cereal crops	121970,0 Kurzeme
2007 Cereal crops	332724,5 Kurzeme
2007 Cereal crops	27,3 Kurzeme
2008 Cereal crops	123746,0 Kurzeme
2008 Cereal crops	311959,0 Kurzeme

2008 Cereal crops	25,2 Kurzeme
2009 Cereal crops	120600,0 Kurzeme
2009 Cereal crops	345299,0 Kurzeme
2009 Cereal crops	28,6 Kurzeme
2010 Cereal crops	124014,0 Kurzeme
2010 Cereal crops	327813,0 Kurzeme
2010 Cereal crops	26,4 Kurzeme
1990 Cereal crops	154408,0 Zemgale
1990 Cereal crops	442100,0 Zemgale
1990 Cereal crops	28,6 Zemgale
1991 Cereal crops	149771,0 Zemgale
1991 Cereal crops	375400,0 Zemgale
1991 Cereal crops	25,1 Zemgale
1992 Cereal crops	163539,0 Zemgale
1992 Cereal crops	345900,0 Zemgale
1992 Cereal crops	21,2 Zemgale
1993 Cereal crops	170559,0 Zemgale
1993 Cereal crops	352900,0 Zemgale
1993 Cereal crops	20,7 Zemgale
1994 Cereal crops	128138,0 Zemgale
1994 Cereal crops	274000,0 Zemgale
1994 Cereal crops	21,4 Zemgale
1998 Cereal crops	128194,0 Zemgale
1998 Cereal crops	334858,7 Zemgale
1998 Cereal crops	26,1 Zemgale
1999 Cereal crops	142933,0 Zemgale
1999 Cereal crops	317873,3 Zemgale
1999 Cereal crops	22,2 Zemgale
2000 Cereal crops	144779,0 Zemgale
2000 Cereal crops	393398,6 Zemgale
2000 Cereal crops	27,2 Zemgale
2001 Cereal crops	147486,0 Zemgale
2001 Cereal crops	376154,4 Zemgale
2001 Cereal crops	25,5 Zemgale
2002 Cereal crops	139707,0 Zemgale
2002 Cereal crops	449262,3 Zemgale
2002 Cereal crops	32,2 Zemgale
2003 Cereal crops	143963,3 Zemgale
2003 Cereal crops	403940,2 Zemgale
2003 Cereal crops	28,1 Zemgale
2004 Cereal crops	143733,3 Zemgale
2004 Cereal crops	441832,3 Zemgale
2004 Cereal crops	30,7 Zemgale
2005 Cereal crops	146282,0 Zemgale
2005 Cereal crops	541558,4 Zemgale
2005 Cereal crops	37,0 Zemgale
2006 Cereal crops	157043,0 Zemgale
2006 Cereal crops	435870,9 Zemgale
2006 Cereal crops	27,8 Zemgale
2007 Cereal crops	160653,0 Zemgale
2007 Cereal crops	586229,9 Zemgale

2007 Cereal crops	36,5 Zemgale
2008 Cereal crops	174322,0 Zemgale
2008 Cereal crops	710590,5 Zemgale
2008 Cereal crops	40,8 Zemgale
2009 Cereal crops	172964,0 Zemgale
2009 Cereal crops	677199,0 Zemgale
2009 Cereal crops	39,2 Zemgale
2010 Cereal crops	176809,0 Zemgale
2010 Cereal crops	614689,0 Zemgale
2010 Cereal crops	34,8 Zemgale
1990 Cereal crops	186971,0 Latgale
1990 Cereal crops	328000,0 Latgale
1990 Cereal crops	17,5 Latgale
1991 Cereal crops	171995,0 Latgale
1991 Cereal crops	246100,0 Latgale
1991 Cereal crops	14,3 Latgale
1992 Cereal crops	178613,0 Latgale
1992 Cereal crops	234800,0 Latgale
1992 Cereal crops	13,1 Latgale
1993 Cereal crops	168275,0 Latgale
1993 Cereal crops	253500,0 Latgale
1993 Cereal crops	15,1 Latgale
1994 Cereal crops	95846,0 Latgale
1994 Cereal crops	142300,0 Latgale
1994 Cereal crops	14,8 Latgale
1998 Cereal crops	96489,0 Latgale
1998 Cereal crops	147968,4 Latgale
1998 Cereal crops	15,3 Latgale
1999 Cereal crops	77655,0 Latgale
1999 Cereal crops	104037,5 Latgale
1999 Cereal crops	13,4 Latgale
2000 Cereal crops	74869,0 Latgale
2000 Cereal crops	118056,1 Latgale
2000 Cereal crops	15,8 Latgale
2001 Cereal crops	72917,0 Latgale
2001 Cereal crops	124589,8 Latgale
2001 Cereal crops	17,1 Latgale
2002 Cereal crops	67814,0 Latgale
2002 Cereal crops	122769,2 Latgale
2002 Cereal crops	18,1 Latgale
2003 Cereal crops	73314,4 Latgale
2003 Cereal crops	87146,4 Latgale
2003 Cereal crops	11,9 Latgale
2004 Cereal crops	68044,0 Latgale
2004 Cereal crops	129790,8 Latgale
2004 Cereal crops	19,1 Latgale
2005 Cereal crops	75567,0 Latgale
2005 Cereal crops	148966,4 Latgale
2005 Cereal crops	19,7 Latgale
2006 Cereal crops	89996,0 Latgale
2006 Cereal crops	143213,5 Latgale

2006 Cereal crops	15,9 Latgale
2007 Cereal crops	98789,0 Latgale
2007 Cereal crops	221704,7 Latgale
2007 Cereal crops	22,4 Latgale
2008 Cereal crops	97042,0 Latgale
2008 Cereal crops	264462,8 Latgale
2008 Cereal crops	27,3 Latgale
2009 Cereal crops	100210,0 Latgale
2009 Cereal crops	240735,0 Latgale
2009 Cereal crops	24,0 Latgale
2010 Cereal crops	93117,0 Latgale
2010 Cereal crops	160727,0 Latgale
2010 Cereal crops	17,3 Latgale
1990 Wheat (winter)	370,2 LATVIA
1990 Wheat (summer)	1,6 LATVIA
1991 Wheat (winter)	185,9 LATVIA
1991 Wheat (summer)	4,3 LATVIA
1992 Wheat (winter)	324,0 LATVIA
1992 Wheat (summer)	8,4 LATVIA
1993 Wheat (winter)	305,4 LATVIA
1993 Wheat (summer)	32,9 LATVIA
1994 Wheat (winter)	151,1 LATVIA
1994 Wheat (summer)	48,3 LATVIA
1995 Wheat (winter)	198,7 LATVIA
1995 Wheat (summer)	45,0 LATVIA
1996 Wheat (winter)	279,7 LATVIA
1996 Wheat (summer)	77,8 LATVIA
1997 Wheat (winter)	296,5 LATVIA
1997 Wheat (summer)	98,1 LATVIA
1998 Wheat (winter)	293,4 LATVIA
1998 Wheat (summer)	91,9 LATVIA
1999 Wheat (winter)	247,9 LATVIA
1999 Wheat (summer)	104,0 LATVIA
2000 Wheat (winter)	336,0 LATVIA
2000 Wheat (summer)	91,4 LATVIA
2001 Wheat (winter)	366,2 LATVIA
2001 Wheat (summer)	85,5 LATVIA
2002 Wheat (winter)	410,1 LATVIA
2002 Wheat (summer)	109,4 LATVIA
2003 Wheat (winter)	364,0 LATVIA
2003 Wheat (summer)	104,4 LATVIA
2004 Wheat (winter)	400,8 LATVIA
2004 Wheat (summer)	99,1 LATVIA
2005 Wheat (winter)	498,1 LATVIA
2005 Wheat (summer)	178,4 LATVIA
2006 Wheat (winter)	461,7 LATVIA
2006 Wheat (summer)	136,6 LATVIA
2007 Wheat (winter)	602,8 LATVIA
2007 Wheat (summer)	204,5 LATVIA
2008 Wheat (winter)	741,0 LATVIA
2008 Wheat (summer)	248,6 LATVIA

2009 Wheat (winter)	819,9	LATVIA
2009 Wheat (summer)	216,5	LATVIA
2010 Wheat (winter)	774,5	LATVIA
2010 Wheat (summer)	198,5	LATVIA
1990 Wheat (winter)	26,3	LATVIA
1990 Wheat (summer)	20,0	LATVIA
1991 Wheat (winter)	26,6	LATVIA
1991 Wheat (summer)	25,3	LATVIA
1992 Wheat (winter)	26,3	LATVIA
1992 Wheat (summer)	15,3	LATVIA
1993 Wheat (winter)	20,0	LATVIA
1993 Wheat (summer)	20,4	LATVIA
1994 Wheat (winter)	20,7	LATVIA
1994 Wheat (summer)	22,3	LATVIA
1995 Wheat (winter)	23,2	LATVIA
1995 Wheat (summer)	18,7	LATVIA
1996 Wheat (winter)	23,8	LATVIA
1996 Wheat (summer)	24,5	LATVIA
1997 Wheat (winter)	27,0	LATVIA
1997 Wheat (summer)	23,0	LATVIA
1998 Wheat (winter)	26,9	LATVIA
1998 Wheat (summer)	22,0	LATVIA
1999 Wheat (winter)	26,1	LATVIA
1999 Wheat (summer)	20,4	LATVIA
2000 Wheat (winter)	28,6	LATVIA
2000 Wheat (summer)	22,5	LATVIA
2001 Wheat (winter)	27,9	LATVIA
2001 Wheat (summer)	24,1	LATVIA
2002 Wheat (winter)	35,4	LATVIA
2002 Wheat (summer)	29,1	LATVIA
2003 Wheat (winter)	28,5	LATVIA
2003 Wheat (summer)	26,2	LATVIA
2004 Wheat (winter)	31,0	LATVIA
2004 Wheat (summer)	24,3	LATVIA
2005 Wheat (winter)	37,7	LATVIA
2005 Wheat (summer)	32,2	LATVIA
2006 Wheat (winter)	30,3	LATVIA
2006 Wheat (summer)	21,8	LATVIA
2007 Wheat (winter)	37,8	LATVIA
2007 Wheat (summer)	31,4	LATVIA
2008 Wheat (winter)	43,5	LATVIA
2008 Wheat (summer)	28,8	LATVIA
2009 Wheat (winter)	38,6	LATVIA
2009 Wheat (summer)	29,5	LATVIA
2010 Wheat (winter)	35,0	LATVIA
2010 Wheat (summer)	24,3	LATVIA
1990 Wheat (winter)	140,7	LATVIA
1991 Wheat (winter)	69,8	LATVIA
1992 Wheat (winter)	123,1	LATVIA
1993 Wheat (winter)	153,0	LATVIA
1994 Wheat (winter)	72,9	LATVIA

1995 Wheat (winter)	85,5 LATVIA
1996 Wheat (winter)	117,4 LATVIA
1997 Wheat (winter)	109,7 LATVIA
1998 Wheat (winter)	109,2 LATVIA
1999 Wheat (winter)	95,0 LATVIA
2000 Wheat (winter)	117,4 LATVIA
2001 Wheat (winter)	131,3 LATVIA
2002 Wheat (winter)	115,9 LATVIA
2003 Wheat (winter)	127,9 LATVIA
2004 Wheat (winter)	129,1 LATVIA
2005 Wheat (winter)	132,0 LATVIA
2006 Wheat (winter)	152,3 LATVIA
2007 Wheat (winter)	159,4 LATVIA
2008 Wheat (winter)	170,4 LATVIA
2009 Wheat (winter)	212,4 LATVIA
2010 Wheat (winter)	225,8 LATVIA
1990 Wheat (summer)	0,8 LATVIA
1991 Wheat (summer)	1,7 LATVIA
1992 Wheat (summer)	5,5 LATVIA
1993 Wheat (summer)	16,1 LATVIA
1994 Wheat (summer)	21,7 LATVIA
1995 Wheat (summer)	24,1 LATVIA
1996 Wheat (summer)	31,8 LATVIA
1997 Wheat (summer)	42,6 LATVIA
1998 Wheat (summer)	41,7 LATVIA
1999 Wheat (summer)	51,0 LATVIA
2000 Wheat (summer)	40,7 LATVIA
2001 Wheat (summer)	35,5 LATVIA
2002 Wheat (summer)	37,6 LATVIA
2003 Wheat (summer)	39,9 LATVIA
2004 Wheat (summer)	40,8 LATVIA
2005 Wheat (summer)	55,4 LATVIA
2006 Wheat (summer)	62,8 LATVIA
2007 Wheat (summer)	65,2 LATVIA
2008 Wheat (summer)	86,2 LATVIA
2009 Wheat (summer)	73,3 LATVIA
2010 Wheat (summer)	81,8 LATVIA
1990 Rapeseed	1,9 LATVIA
1991 Rapeseed	0,7 LATVIA
1992 Rapeseed	1,3 LATVIA
1993 Rapeseed	1,7 LATVIA
1994 Rapeseed	2,2 LATVIA
1995 Rapeseed	1,1 LATVIA
1996 Rapeseed	0,8 LATVIA
1997 Rapeseed	0,4 LATVIA
1998 Rapeseed	1,2 LATVIA
1999 Rapeseed	6,5 LATVIA
2000 Rapeseed	6,9 LATVIA
2001 Rapeseed	8,4 LATVIA
2002 Rapeseed	18,4 LATVIA
2003 Rapeseed	25,9 LATVIA

2004 Rapeseed	54,3	LATVIA
2005 Rapeseed	71,4	LATVIA
2006 Rapeseed	83,2	LATVIA
2007 Rapeseed	99,2	LATVIA
2008 Rapeseed	82,6	LATVIA
2009 Rapeseed	93,3	LATVIA
2010 Rapeseed	110,6	LATVIA
1995 Manure	21,60	LATVIA
1996 Manure	25,80	LATVIA
1997 Manure	33,60	LATVIA
1998 Manure	32,70	LATVIA
1999 Manure	31,50	LATVIA
2000 Manure	37,00	LATVIA
2001 Manure	51,10	LATVIA
2002 Manure	48,60	LATVIA
2003 Manure	60,90	LATVIA
2004 Manure	61,10	LATVIA
2005 Manure	74,30	LATVIA
2006 Manure	75,50	LATVIA
2007 Manure	83,20	LATVIA
2008 Manure	81,80	LATVIA
2009 Manure	81,80	LATVIA
2010 Manure	92,20	LATVIA
1995 Manure	23,00	LATVIA
1996 Manure	27,00	LATVIA
1997 Manure	34,00	LATVIA
1998 Manure	33,00	LATVIA
1999 Manure	34,00	LATVIA
2000 Manure	42,00	LATVIA
2001 Manure	59,00	LATVIA
2002 Manure	55,00	LATVIA
2003 Manure	72,00	LATVIA
2004 Manure	68,00	LATVIA
2005 Manure	74,00	LATVIA
2006 Manure	67,00	LATVIA
2007 Manure	74,00	LATVIA
2008 Manure	74,00	LATVIA
2009 Manure	74,00	LATVIA
2010 Manure	84,00	LATVIA
1995 Manure	5145,70	LATVIA
1996 Manure	5843,10	LATVIA
1997 Manure	4386,80	LATVIA
1998 Manure	4789,40	LATVIA
1999 Manure	4397,00	LATVIA
2000 Manure	4198,70	LATVIA
2001 Manure	4994,70	LATVIA
2002 Manure	4054,80	LATVIA
2003 Manure	5856,20	LATVIA
2004 Manure	4327,60	LATVIA
2005 Manure	4055,00	LATVIA
2006 Manure	3446,60	LATVIA

2007 Manure	2860,60	LATVIA
2008 Manure	2611,70	LATVIA
2009 Manure	3221,00	LATVIA
2010 Manure	3715,85	LATVIA
1995 Manure	5,60	LATVIA
1996 Manure	6,10	LATVIA
1997 Manure	4,40	LATVIA
1998 Manure	4,90	LATVIA
1999 Manure	4,80	LATVIA
2000 Manure	4,80	LATVIA
2001 Manure	5,70	LATVIA
2002 Manure	4,60	LATVIA
2003 Manure	6,90	LATVIA
2004 Manure	4,70	LATVIA
2005 Manure	3,90	LATVIA
2006 Manure	3,00	LATVIA
2007 Manure	2,50	LATVIA
2008 Manure	2,30	LATVIA
2009 Manure	2,80	LATVIA
2010 Manure	3,40	LATVIA
1995 Manure	2,70	LATVIA
1996 Manure	1,40	LATVIA
1997 Manure	0,40	LATVIA
1998 Manure	4,70	LATVIA
1999 Manure	4,90	LATVIA
2000 Manure	10,20	LATVIA
2001 Manure	0,70	LATVIA
2002 Manure	32,90	LATVIA
2003 Manure	53,80	LATVIA
2004 Manure	2,20	LATVIA
2005 Manure	3,30	LATVIA
2006 Manure	3,00	LATVIA
2007 Manure	10,70	LATVIA
2008 Manure	6,00	LATVIA
2009 Manure	8,70	LATVIA
2010 Manure	4,30	LATVIA
1995 Manure	2,10	LATVIA
1996 Manure	3,10	LATVIA
1997 Manure	1,20	LATVIA
1998 Manure	1,90	LATVIA
1999 Manure	2,00	LATVIA
2000 Manure	3,30	LATVIA
2001 Manure	6,10	LATVIA
2002 Manure	10,20	LATVIA
2003 Manure	13,90	LATVIA
2004 Manure	2,90	LATVIA
2005 Manure	3,50	LATVIA
2006 Manure	1,50	LATVIA
2007 Manure	3,40	LATVIA
2008 Manure	1,20	LATVIA
2009 Manure	1,80	LATVIA

2010 Manure	1,70 LATVIA
2000 Land	1587,2 LATVIA
2001 Land	1581,8 LATVIA
2002 Land	1595,5 LATVIA
2003 Land	1581,8 LATVIA
2004 Land	1642,1 LATVIA
2005 Land	1733,7 LATVIA
2006 Land	1855,3 LATVIA
2007 Land	1839,2 LATVIA
2008 Land	1825,1 LATVIA
2009 Land	1833,0 LATVIA
2010 Land	1805,5 LATVIA
2000 Land	969,9 LATVIA
2001 Land	958,2 LATVIA
2002 Land	972,8 LATVIA
2003 Land	956,4 LATVIA
2004 Land	1008,6 LATVIA
2005 Land	1091,8 LATVIA
2006 Land	1205,1 LATVIA
2007 Land	1188,1 LATVIA
2008 Land	1169,9 LATVIA
2009 Land	1167,6 LATVIA
2010 Land	1173,4 LATVIA
2000 Land	11,5 LATVIA
2001 Land	12,1 LATVIA
2002 Land	12,2 LATVIA
2003 Land	12,0 LATVIA
2004 Land	12,4 LATVIA
2005 Land	12,8 LATVIA
2006 Land	13,2 LATVIA
2007 Land	10,0 LATVIA
2008 Land	7,0 LATVIA
2009 Land	5,9 LATVIA
2010 Land	6,8 LATVIA
2000 Land	605,7 LATVIA
2001 Land	611,3 LATVIA
2002 Land	610,3 LATVIA
2003 Land	613,0 LATVIA
2004 Land	620,9 LATVIA
2005 Land	628,9 LATVIA
2006 Land	636,8 LATVIA
2007 Land	641,0 LATVIA
2008 Land	648,1 LATVIA
2009 Land	659,4 LATVIA
2010 Land	625,2 LATVIA
1990 Wheat	371,8 LATVIA
1991 Wheat	190,2 LATVIA
1992 Wheat	332,4 LATVIA
1993 Wheat	338,3 LATVIA
1994 Wheat	199,4 LATVIA
1995 Wheat	243,7 LATVIA

1996 Wheat	357,5 LATVIA
1997 Wheat	394,9 LATVIA
1998 Wheat	385,3 LATVIA
1999 Wheat	351,9 LATVIA
2000 Wheat	427,4 LATVIA
2001 Wheat	451,7 LATVIA
2002 Wheat	519,5 LATVIA
2003 Wheat	468,4 LATVIA
2004 Wheat	499,9 LATVIA
2005 Wheat	676,5 LATVIA
2006 Wheat	598,3 LATVIA
2007 Wheat	807,3 LATVIA
2008 Wheat	989,6 LATVIA
2009 Wheat	1036,4 LATVIA
2010 Wheat	989,3 LATVIA
1990 Wheat	Kurzeme
1991 Wheat	Kurzeme
1992 Wheat	Kurzeme
1993 Wheat	Kurzeme
1994 Wheat	Kurzeme
1995 Wheat	49,3 Kurzeme
1996 Wheat	58,9 Kurzeme
1997 Wheat	88,2 Kurzeme
1998 Wheat	80,9 Kurzeme
1999 Wheat	69,3 Kurzeme
2000 Wheat	78,3 Kurzeme
2001 Wheat	91,2 Kurzeme
2002 Wheat	87,2 Kurzeme
2003 Wheat	103,6 Kurzeme
2004 Wheat	102,9 Kurzeme
2005 Wheat	115,2 Kurzeme
2006 Wheat	128,7 Kurzeme
2007 Wheat	174,9 Kurzeme
2008 Wheat	164,8 Kurzeme
2009 Wheat	212,6 Kurzeme
2010 Wheat	224,8 Kurzeme
1990 Wheat	Latgale
1991 Wheat	Latgale
1992 Wheat	Latgale
1993 Wheat	Latgale
1994 Wheat	Latgale
1995 Wheat	16,8 Latgale
1996 Wheat	34,6 Latgale
1997 Wheat	39,3 Latgale
1998 Wheat	39,8 Latgale
1999 Wheat	26,1 Latgale
2000 Wheat	31 Latgale
2001 Wheat	27,8 Latgale
2002 Wheat	30,6 Latgale
2003 Wheat	17,2 Latgale
2004 Wheat	25,2 Latgale

2005 Wheat	45,8 Latgale
2006 Wheat	47,4 Latgale
2007 Wheat	72,7 Latgale
2008 Wheat	129,8 Latgale
2009 Wheat	106 Latgale
2010 Wheat	81 Latgale
1990 Wheat	Greater Riga Area
1991 Wheat	Greater Riga Area
1992 Wheat	Greater Riga Area
1993 Wheat	Greater Riga Area
1994 Wheat	Greater Riga Area
1995 Wheat	Greater Riga Area
1996 Wheat	Greater Riga Area
1997 Wheat	Greater Riga Area
1998 Wheat	Greater Riga Area
1999 Wheat	Greater Riga Area
2000 Wheat	Greater Riga Area
2001 Wheat	Greater Riga Area
2002 Wheat	50,5 Greater Riga Area
2003 Wheat	38,8 Greater Riga Area
2004 Wheat	40,7 Greater Riga Area
2005 Wheat	59,2 Greater Riga Area
2006 Wheat	55,9 Greater Riga Area
2007 Wheat	69,1 Greater Riga Area
2008 Wheat	79,4 Greater Riga Area
2009 Wheat	94,1 Greater Riga Area
2010 Wheat	89,7 Greater Riga Area
1990 Wheat	Riga
1991 Wheat	Riga
1992 Wheat	Riga
1993 Wheat	Riga
1994 Wheat	Riga
1995 Wheat	2,7 Riga
1996 Wheat	5,5 Riga
1997 Wheat	7,2 Riga
1998 Wheat	6,9 Riga
1999 Wheat	5,8 Riga
2000 Wheat	4,8 Riga
2001 Wheat	4,7 Riga
2002 Wheat	Riga
2003 Wheat	Riga
2004 Wheat	Riga
2005 Wheat	Riga
2006 Wheat	Riga
2007 Wheat	Riga
2008 Wheat	Riga
2009 Wheat	Riga
2010 Wheat	Riga
1990 Wheat	Vidzeme
1991 Wheat	Vidzeme
1992 Wheat	Vidzeme

1993 Wheat	Vidzeme
1994 Wheat	Vidzeme
1995 Wheat	26,4 Vidzeme
1996 Wheat	49 Vidzeme
1997 Wheat	50,1 Vidzeme
1998 Wheat	32,8 Vidzeme
1999 Wheat	24,4 Vidzeme
2000 Wheat	26,4 Vidzeme
2001 Wheat	29,1 Vidzeme
2002 Wheat	27,8 Vidzeme
2003 Wheat	19,9 Vidzeme
2004 Wheat	23 Vidzeme
2005 Wheat	45,5 Vidzeme
2006 Wheat	39,4 Vidzeme
2007 Wheat	64,8 Vidzeme
2008 Wheat	69,7 Vidzeme
2009 Wheat	83,1 Vidzeme
2010 Wheat	81 Vidzeme
1990 Wheat	Zemgale
1991 Wheat	Zemgale
1992 Wheat	Zemgale
1993 Wheat	Zemgale
1994 Wheat	Zemgale
1995 Wheat	148,5 Zemgale
1996 Wheat	209,5 Zemgale
1997 Wheat	210,1 Zemgale
1998 Wheat	224,9 Zemgale
1999 Wheat	226,3 Zemgale
2000 Wheat	286,9 Zemgale
2001 Wheat	298,9 Zemgale
2002 Wheat	323,5 Zemgale
2003 Wheat	288,8 Zemgale
2004 Wheat	308,1 Zemgale
2005 Wheat	410,8 Zemgale
2006 Wheat	326,9 Zemgale
2007 Wheat	425,8 Zemgale
2008 Wheat	545,8 Zemgale
2009 Wheat	540,6 Zemgale
2010 Wheat	513 Zemgale
1990 Wheat	141,5 LATVIA
1991 Wheat	71,5 LATVIA
1992 Wheat	128,6 LATVIA
1993 Wheat	169,1 LATVIA
1994 Wheat	94,6 LATVIA
1995 Wheat	109,6 LATVIA
1996 Wheat	149,2 LATVIA
1997 Wheat	152,3 LATVIA
1998 Wheat	150,9 LATVIA
1999 Wheat	146 LATVIA
2000 Wheat	158,1 LATVIA
2001 Wheat	166,8 LATVIA

2002 Wheat	153,5	LATVIA
2003 Wheat	167,8	LATVIA
2004 Wheat	169,9	LATVIA
2005 Wheat	187,4	LATVIA
2006 Wheat	215,1	LATVIA
2007 Wheat	224,6	LATVIA
2008 Wheat	256,6	LATVIA
2009 Wheat	285,7	LATVIA
2010 Wheat	307,7	LATVIA
1990 Wheat		Kurzeme
1991 Wheat		Kurzeme
1992 Wheat		Kurzeme
1993 Wheat		Kurzeme
1994 Wheat		Kurzeme
1995 Wheat	21,9	Kurzeme
1996 Wheat	26,9	Kurzeme
1997 Wheat	33,7	Kurzeme
1998 Wheat	32,1	Kurzeme
1999 Wheat	27,6	Kurzeme
2000 Wheat	31,4	Kurzeme
2001 Wheat	39,4	Kurzeme
2002 Wheat	30,6	Kurzeme
2003 Wheat	37,3	Kurzeme
2004 Wheat	38,9	Kurzeme
2005 Wheat	39	Kurzeme
2006 Wheat	47,6	Kurzeme
2007 Wheat	53,3	Kurzeme
2008 Wheat	54,9	Kurzeme
2009 Wheat	65,6	Kurzeme
2010 Wheat	72,9	Kurzeme
1990 Wheat		Latgale
1991 Wheat		Latgale
1992 Wheat		Latgale
1993 Wheat		Latgale
1994 Wheat		Latgale
1995 Wheat	10,9	Latgale
1996 Wheat	19,3	Latgale
1997 Wheat	20,6	Latgale
1998 Wheat	23	Latgale
1999 Wheat	17,9	Latgale
2000 Wheat	18,5	Latgale
2001 Wheat	14,7	Latgale
2002 Wheat	14	Latgale
2003 Wheat	13,8	Latgale
2004 Wheat	13,3	Latgale
2005 Wheat	18,1	Latgale
2006 Wheat	25,7	Latgale
2007 Wheat	27,5	Latgale
2008 Wheat	33,7	Latgale
2009 Wheat	37,5	Latgale
2010 Wheat	38,7	Latgale

1990 Wheat	Greater Riga Area
1991 Wheat	Greater Riga Area
1992 Wheat	Greater Riga Area
1993 Wheat	Greater Riga Area
1994 Wheat	Greater Riga Area
1995 Wheat	Greater Riga Area
1996 Wheat	Greater Riga Area
1997 Wheat	Greater Riga Area
1998 Wheat	Greater Riga Area
1999 Wheat	Greater Riga Area
2000 Wheat	Greater Riga Area
2001 Wheat	Greater Riga Area
2002 Wheat	17 Greater Riga Area
2003 Wheat	15,2 Greater Riga Area
2004 Wheat	17,2 Greater Riga Area
2005 Wheat	19,3 Greater Riga Area
2006 Wheat	21 Greater Riga Area
2007 Wheat	20,4 Greater Riga Area
2008 Wheat	23,4 Greater Riga Area
2009 Wheat	25,7 Greater Riga Area
2010 Wheat	29,1 Greater Riga Area
1990 Wheat	Riga
1991 Wheat	Riga
1992 Wheat	Riga
1993 Wheat	Riga
1994 Wheat	Riga
1995 Wheat	1,3 Riga
1996 Wheat	2,1 Riga
1997 Wheat	3,3 Riga
1998 Wheat	3,1 Riga
1999 Wheat	2,5 Riga
2000 Wheat	2,1 Riga
2001 Wheat	1,6 Riga
2002 Wheat	Riga
2003 Wheat	Riga
2004 Wheat	Riga
2005 Wheat	Riga
2006 Wheat	Riga
2007 Wheat	Riga
2008 Wheat	Riga
2009 Wheat	Riga
2010 Wheat	Riga
1990 Wheat	Vidzeme
1991 Wheat	Vidzeme
1992 Wheat	Vidzeme
1993 Wheat	Vidzeme
1994 Wheat	Vidzeme
1995 Wheat	14,7 Vidzeme
1996 Wheat	23,4 Vidzeme
1997 Wheat	22,8 Vidzeme
1998 Wheat	17,9 Vidzeme

1999 Wheat	14,1 Vidzeme
2000 Wheat	14,1 Vidzeme
2001 Wheat	13,5 Vidzeme
2002 Wheat	11,1 Vidzeme
2003 Wheat	12,5 Vidzeme
2004 Wheat	11,3 Vidzeme
2005 Wheat	15,6 Vidzeme
2006 Wheat	19,4 Vidzeme
2007 Wheat	20,7 Vidzeme
2008 Wheat	25,9 Vidzeme
2009 Wheat	29,7 Vidzeme
2010 Wheat	33,6 Vidzeme
1990 Wheat	Zemgale
1991 Wheat	Zemgale
1992 Wheat	Zemgale
1993 Wheat	Zemgale
1994 Wheat	Zemgale
1995 Wheat	60,8 Zemgale
1996 Wheat	77,5 Zemgale
1997 Wheat	71,9 Zemgale
1998 Wheat	74,8 Zemgale
1999 Wheat	83,9 Zemgale
2000 Wheat	92 Zemgale
2001 Wheat	97,6 Zemgale
2002 Wheat	80,8 Zemgale
2003 Wheat	89 Zemgale
2004 Wheat	89,2 Zemgale
2005 Wheat	95,4 Zemgale
2006 Wheat	101,4 Zemgale
2007 Wheat	102,7 Zemgale
2008 Wheat	118,7 Zemgale
2009 Wheat	127,2 Zemgale
2010 Wheat	133,4 Zemgale
1990 Wheat	26,3 LATVIA
1991 Wheat	26,6 LATVIA
1992 Wheat	25,8 LATVIA
1993 Wheat	20 LATVIA
1994 Wheat	21,1 LATVIA
1995 Wheat	22,2 LATVIA
1996 Wheat	24 LATVIA
1997 Wheat	25,9 LATVIA
1998 Wheat	25,5 LATVIA
1999 Wheat	24,1 LATVIA
2000 Wheat	27 LATVIA
2001 Wheat	27,1 LATVIA
2002 Wheat	33,8 LATVIA
2003 Wheat	27,9 LATVIA
2004 Wheat	29,4 LATVIA
2005 Wheat	36,1 LATVIA
2006 Wheat	27,8 LATVIA
2007 Wheat	36 LATVIA

2008 Wheat	38,6 LATVIA
2009 Wheat	36,3 LATVIA
2010 Wheat	32,1 LATVIA
1990 Wheat	Kurzeme
1991 Wheat	Kurzeme
1992 Wheat	Kurzeme
1993 Wheat	Kurzeme
1994 Wheat	Kurzeme
1995 Wheat	22,5 Kurzeme
1996 Wheat	22 Kurzeme
1997 Wheat	26,2 Kurzeme
1998 Wheat	25,2 Kurzeme
1999 Wheat	25,1 Kurzeme
2000 Wheat	24,9 Kurzeme
2001 Wheat	23,1 Kurzeme
2002 Wheat	28,5 Kurzeme
2003 Wheat	27,8 Kurzeme
2004 Wheat	26,4 Kurzeme
2005 Wheat	29,5 Kurzeme
2006 Wheat	27,1 Kurzeme
2007 Wheat	32,8 Kurzeme
2008 Wheat	30 Kurzeme
2009 Wheat	32,4 Kurzeme
2010 Wheat	30,8 Kurzeme
1990 Wheat	Latgale
1991 Wheat	Latgale
1992 Wheat	Latgale
1993 Wheat	Latgale
1994 Wheat	Latgale
1995 Wheat	15,4 Latgale
1996 Wheat	17,9 Latgale
1997 Wheat	19,1 Latgale
1998 Wheat	17,3 Latgale
1999 Wheat	14,6 Latgale
2000 Wheat	16,8 Latgale
2001 Wheat	19 Latgale
2002 Wheat	21,8 Latgale
2003 Wheat	12,5 Latgale
2004 Wheat	19 Latgale
2005 Wheat	25,3 Latgale
2006 Wheat	18,4 Latgale
2007 Wheat	26,5 Latgale
2008 Wheat	38,5 Latgale
2009 Wheat	28,3 Latgale
2010 Wheat	21 Latgale
1990 Wheat	Greater Riga Area
1991 Wheat	Greater Riga Area
1992 Wheat	Greater Riga Area
1993 Wheat	Greater Riga Area
1994 Wheat	Greater Riga Area
1995 Wheat	Greater Riga Area

1996	Wheat	Greater Riga Area
1997	Wheat	Greater Riga Area
1998	Wheat	Greater Riga Area
1999	Wheat	Greater Riga Area
2000	Wheat	Greater Riga Area
2001	Wheat	Greater Riga Area
2002	Wheat	29,7 Greater Riga Area
2003	Wheat	25,5 Greater Riga Area
2004	Wheat	23,7 Greater Riga Area
2005	Wheat	30,6 Greater Riga Area
2006	Wheat	26,7 Greater Riga Area
2007	Wheat	34 Greater Riga Area
2008	Wheat	34 Greater Riga Area
2009	Wheat	36,3 Greater Riga Area
2010	Wheat	30,8 Greater Riga Area
1990	Wheat	Riga
1991	Wheat	Riga
1992	Wheat	Riga
1993	Wheat	Riga
1994	Wheat	Riga
1995	Wheat	20,8 Riga
1996	Wheat	26,2 Riga
1997	Wheat	21,8 Riga
1998	Wheat	22,3 Riga
1999	Wheat	23,2 Riga
2000	Wheat	22,6 Riga
2001	Wheat	29,1 Riga
2002	Wheat	Riga
2003	Wheat	Riga
2004	Wheat	Riga
2005	Wheat	Riga
2006	Wheat	Riga
2007	Wheat	Riga
2008	Wheat	Riga
2009	Wheat	Riga
2010	Wheat	Riga
1990	Wheat	Vidzeme
1991	Wheat	Vidzeme
1992	Wheat	Vidzeme
1993	Wheat	Vidzeme
1994	Wheat	Vidzeme
1995	Wheat	18 Vidzeme
1996	Wheat	20,9 Vidzeme
1997	Wheat	22 Vidzeme
1998	Wheat	18,3 Vidzeme
1999	Wheat	17,3 Vidzeme
2000	Wheat	18,8 Vidzeme
2001	Wheat	21,5 Vidzeme
2002	Wheat	25,1 Vidzeme
2003	Wheat	16 Vidzeme
2004	Wheat	20,3 Vidzeme

2005 Wheat	29,1 Vidzeme
2006 Wheat	20,2 Vidzeme
2007 Wheat	31,3 Vidzeme
2008 Wheat	26,9 Vidzeme
2009 Wheat	27,9 Vidzeme
2010 Wheat	24,1 Vidzeme
1990 Wheat	Zemgale
1991 Wheat	Zemgale
1992 Wheat	Zemgale
1993 Wheat	Zemgale
1994 Wheat	Zemgale
1995 Wheat	24,4 Zemgale
1996 Wheat	27 Zemgale
1997 Wheat	29,2 Zemgale
1998 Wheat	30,1 Zemgale
1999 Wheat	27 Zemgale
2000 Wheat	31,2 Zemgale
2001 Wheat	30,6 Zemgale
2002 Wheat	40 Zemgale
2003 Wheat	32,4 Zemgale
2004 Wheat	34,5 Zemgale
2005 Wheat	43,1 Zemgale
2006 Wheat	32,2 Zemgale
2007 Wheat	41,5 Zemgale
2008 Wheat	46 Zemgale
2009 Wheat	42,5 Zemgale
2010 Wheat	38,5 Zemgale
1990 Rapeseed	3,7 LATVIA
1991 Rapeseed	0,9 LATVIA
1992 Rapeseed	1,4 LATVIA
1993 Rapeseed	2,5 LATVIA
1994 Rapeseed	1,8 LATVIA
1995 Rapeseed	0,9 LATVIA
1996 Rapeseed	1,3 LATVIA
1997 Rapeseed	0,5 LATVIA
1998 Rapeseed	1,6 LATVIA
1999 Rapeseed	11,7 LATVIA
2000 Rapeseed	10 LATVIA
2001 Rapeseed	13 LATVIA
2002 Rapeseed	32,7 LATVIA
2003 Rapeseed	37,4 LATVIA
2004 Rapeseed	103,6 LATVIA
2005 Rapeseed	145,7 LATVIA
2006 Rapeseed	120,6 LATVIA
2007 Rapeseed	196,9 LATVIA
2008 Rapeseed	198,5 LATVIA
2009 Rapeseed	204,7 LATVIA
2010 Rapeseed	226,3 LATVIA
1990 Rapeseed	Kurzeme
1991 Rapeseed	Kurzeme
1992 Rapeseed	Kurzeme

1993 Rapeseed	Kurzeme
1994 Rapeseed	Kurzeme
1995 Rapeseed	Kurzeme
1996 Rapeseed	0,4 Kurzeme
1997 Rapeseed	0 Kurzeme
1998 Rapeseed	0,1 Kurzeme
1999 Rapeseed	0,7 Kurzeme
2000 Rapeseed	0,8 Kurzeme
2001 Rapeseed	1,1 Kurzeme
2002 Rapeseed	2,9 Kurzeme
2003 Rapeseed	4,8 Kurzeme
2004 Rapeseed	9,4 Kurzeme
2005 Rapeseed	17,7 Kurzeme
2006 Rapeseed	17,6 Kurzeme
2007 Rapeseed	29,7 Kurzeme
2008 Rapeseed	31 Kurzeme
2009 Rapeseed	39,4 Kurzeme
2010 Rapeseed	52,5 Kurzeme
1990 Rapeseed	Latgale
1991 Rapeseed	Latgale
1992 Rapeseed	Latgale
1993 Rapeseed	Latgale
1994 Rapeseed	Latgale
1995 Rapeseed	Latgale
1996 Rapeseed	0 Latgale
1997 Rapeseed	0 Latgale
1998 Rapeseed	0 Latgale
1999 Rapeseed	0,2 Latgale
2000 Rapeseed	0,2 Latgale
2001 Rapeseed	0,4 Latgale
2002 Rapeseed	1,5 Latgale
2003 Rapeseed	2,7 Latgale
2004 Rapeseed	8,5 Latgale
2005 Rapeseed	9,8 Latgale
2006 Rapeseed	7,7 Latgale
2007 Rapeseed	11 Latgale
2008 Rapeseed	6,8 Latgale
2009 Rapeseed	7,5 Latgale
2010 Rapeseed	9,4 Latgale
1990 Rapeseed	Greater Riga Area
1991 Rapeseed	Greater Riga Area
1992 Rapeseed	Greater Riga Area
1993 Rapeseed	Greater Riga Area
1994 Rapeseed	Greater Riga Area
1995 Rapeseed	Greater Riga Area
1996 Rapeseed	Greater Riga Area
1997 Rapeseed	Greater Riga Area
1998 Rapeseed	Greater Riga Area
1999 Rapeseed	Greater Riga Area
2000 Rapeseed	Greater Riga Area
2001 Rapeseed	Greater Riga Area

2002 Rapeseed	3,5 Greater Riga Area
2003 Rapeseed	4 Greater Riga Area
2004 Rapeseed	8,4 Greater Riga Area
2005 Rapeseed	19,7 Greater Riga Area
2006 Rapeseed	17 Greater Riga Area
2007 Rapeseed	27,3 Greater Riga Area
2008 Rapeseed	29 Greater Riga Area
2009 Rapeseed	24,1 Greater Riga Area
2010 Rapeseed	32,8 Greater Riga Area
1990 Rapeseed	Riga
1991 Rapeseed	Riga
1992 Rapeseed	Riga
1993 Rapeseed	Riga
1994 Rapeseed	Riga
1995 Rapeseed	Riga
1996 Rapeseed	0,1 Riga
1997 Rapeseed	0 Riga
1998 Rapeseed	0 Riga
1999 Rapeseed	0,1 Riga
2000 Rapeseed	0,4 Riga
2001 Rapeseed	0,2 Riga
2002 Rapeseed	Riga
2003 Rapeseed	Riga
2004 Rapeseed	Riga
2005 Rapeseed	Riga
2006 Rapeseed	Riga
2007 Rapeseed	Riga
2008 Rapeseed	Riga
2009 Rapeseed	Riga
2010 Rapeseed	Riga
1990 Rapeseed	Vidzeme
1991 Rapeseed	Vidzeme
1992 Rapeseed	Vidzeme
1993 Rapeseed	Vidzeme
1994 Rapeseed	Vidzeme
1995 Rapeseed	Vidzeme
1996 Rapeseed	0,1 Vidzeme
1997 Rapeseed	0 Vidzeme
1998 Rapeseed	0,1 Vidzeme
1999 Rapeseed	1,1 Vidzeme
2000 Rapeseed	0,5 Vidzeme
2001 Rapeseed	1,1 Vidzeme
2002 Rapeseed	2,3 Vidzeme
2003 Rapeseed	4,5 Vidzeme
2004 Rapeseed	15,4 Vidzeme
2005 Rapeseed	27,4 Vidzeme
2006 Rapeseed	16,5 Vidzeme
2007 Rapeseed	27 Vidzeme
2008 Rapeseed	22,9 Vidzeme
2009 Rapeseed	22,8 Vidzeme
2010 Rapeseed	20 Vidzeme

1990 Rapeseed	Zemgale
1991 Rapeseed	Zemgale
1992 Rapeseed	Zemgale
1993 Rapeseed	Zemgale
1994 Rapeseed	Zemgale
1995 Rapeseed	Zemgale
1996 Rapeseed	0,7 Zemgale
1997 Rapeseed	0,5 Zemgale
1998 Rapeseed	1,4 Zemgale
1999 Rapeseed	9,6 Zemgale
2000 Rapeseed	8,1 Zemgale
2001 Rapeseed	10,2 Zemgale
2002 Rapeseed	22,5 Zemgale
2003 Rapeseed	21,4 Zemgale
2004 Rapeseed	61,9 Zemgale
2005 Rapeseed	71,7 Zemgale
2006 Rapeseed	61,8 Zemgale
2007 Rapeseed	101,9 Zemgale
2008 Rapeseed	108,8 Zemgale
2009 Rapeseed	110,9 Zemgale
2010 Rapeseed	111,6 Zemgale
1990 Rapeseed	1,9 LATVIA
1991 Rapeseed	0,7 LATVIA
1992 Rapeseed	1,3 LATVIA
1993 Rapeseed	1,7 LATVIA
1994 Rapeseed	2,2 LATVIA
1995 Rapeseed	1,1 LATVIA
1996 Rapeseed	0,8 LATVIA
1997 Rapeseed	0,4 LATVIA
1998 Rapeseed	1,2 LATVIA
1999 Rapeseed	6,5 LATVIA
2000 Rapeseed	6,9 LATVIA
2001 Rapeseed	8,4 LATVIA
2002 Rapeseed	18,4 LATVIA
2003 Rapeseed	25,9 LATVIA
2004 Rapeseed	54,3 LATVIA
2005 Rapeseed	71,4 LATVIA
2006 Rapeseed	83,2 LATVIA
2007 Rapeseed	99,2 LATVIA
2008 Rapeseed	82,6 LATVIA
2009 Rapeseed	93,3 LATVIA
2010 Rapeseed	110,6 LATVIA
1990 Rapeseed	Kurzeme
1991 Rapeseed	Kurzeme
1992 Rapeseed	Kurzeme
1993 Rapeseed	Kurzeme
1994 Rapeseed	Kurzeme
1995 Rapeseed	Kurzeme
1996 Rapeseed	0,2 Kurzeme
1997 Rapeseed	0 Kurzeme
1998 Rapeseed	0,1 Kurzeme

1999 Rapeseed	0,7 Kurzeme
2000 Rapeseed	0,8 Kurzeme
2001 Rapeseed	0,9 Kurzeme
2002 Rapeseed	2,1 Kurzeme
2003 Rapeseed	3,6 Kurzeme
2004 Rapeseed	6,6 Kurzeme
2005 Rapeseed	8,7 Kurzeme
2006 Rapeseed	13,2 Kurzeme
2007 Rapeseed	16,9 Kurzeme
2008 Rapeseed	16,1 Kurzeme
2009 Rapeseed	18 Kurzeme
2010 Rapeseed	25,5 Kurzeme
1990 Rapeseed	Latgale
1991 Rapeseed	Latgale
1992 Rapeseed	Latgale
1993 Rapeseed	Latgale
1994 Rapeseed	Latgale
1995 Rapeseed	Latgale
1996 Rapeseed	0 Latgale
1997 Rapeseed	0 Latgale
1998 Rapeseed	0 Latgale
1999 Rapeseed	0,3 Latgale
2000 Rapeseed	0,4 Latgale
2001 Rapeseed	0,4 Latgale
2002 Rapeseed	1,6 Latgale
2003 Rapeseed	2,8 Latgale
2004 Rapeseed	6,8 Latgale
2005 Rapeseed	8,7 Latgale
2006 Rapeseed	10,9 Latgale
2007 Rapeseed	9,8 Latgale
2008 Rapeseed	5,5 Latgale
2009 Rapeseed	6,2 Latgale
2010 Rapeseed	8,9 Latgale
1990 Rapeseed	Greater Riga Area
1991 Rapeseed	Greater Riga Area
1992 Rapeseed	Greater Riga Area
1993 Rapeseed	Greater Riga Area
1994 Rapeseed	Greater Riga Area
1995 Rapeseed	Greater Riga Area
1996 Rapeseed	Greater Riga Area
1997 Rapeseed	Greater Riga Area
1998 Rapeseed	Greater Riga Area
1999 Rapeseed	Greater Riga Area
2000 Rapeseed	Greater Riga Area
2001 Rapeseed	Greater Riga Area
2002 Rapeseed	2,4 Greater Riga Area
2003 Rapeseed	2,7 Greater Riga Area
2004 Rapeseed	5,2 Greater Riga Area
2005 Rapeseed	9,8 Greater Riga Area
2006 Rapeseed	11,1 Greater Riga Area
2007 Rapeseed	13,3 Greater Riga Area

2008 Rapeseed	12,7 Greater Riga Area
2009 Rapeseed	11,9 Greater Riga Area
2010 Rapeseed	15,5 Greater Riga Area
1990 Rapeseed	Riga
1991 Rapeseed	Riga
1992 Rapeseed	Riga
1993 Rapeseed	Riga
1994 Rapeseed	Riga
1995 Rapeseed	Riga
1996 Rapeseed	0,1 Riga
1997 Rapeseed	0 Riga
1998 Rapeseed	0 Riga
1999 Rapeseed	0,2 Riga
2000 Rapeseed	0,2 Riga
2001 Rapeseed	0,2 Riga
2002 Rapeseed	Riga
2003 Rapeseed	Riga
2004 Rapeseed	Riga
2005 Rapeseed	Riga
2006 Rapeseed	Riga
2007 Rapeseed	Riga
2008 Rapeseed	Riga
2009 Rapeseed	Riga
2010 Rapeseed	Riga
1990 Rapeseed	Vidzeme
1991 Rapeseed	Vidzeme
1992 Rapeseed	Vidzeme
1993 Rapeseed	Vidzeme
1994 Rapeseed	Vidzeme
1995 Rapeseed	Vidzeme
1996 Rapeseed	0,1 Vidzeme
1997 Rapeseed	0,1 Vidzeme
1998 Rapeseed	0,2 Vidzeme
1999 Rapeseed	0,8 Vidzeme
2000 Rapeseed	0,6 Vidzeme
2001 Rapeseed	0,9 Vidzeme
2002 Rapeseed	1,8 Vidzeme
2003 Rapeseed	3,1 Vidzeme
2004 Rapeseed	9,3 Vidzeme
2005 Rapeseed	14,4 Vidzeme
2006 Rapeseed	13,8 Vidzeme
2007 Rapeseed	13,9 Vidzeme
2008 Rapeseed	12,7 Vidzeme
2009 Rapeseed	13,9 Vidzeme
2010 Rapeseed	14,6 Vidzeme
1990 Rapeseed	Zemgale
1991 Rapeseed	Zemgale
1992 Rapeseed	Zemgale
1993 Rapeseed	Zemgale
1994 Rapeseed	Zemgale
1995 Rapeseed	Zemgale

1996 Rapeseed	0,4 Zemgale
1997 Rapeseed	0,3 Zemgale
1998 Rapeseed	0,9 Zemgale
1999 Rapeseed	4,5 Zemgale
2000 Rapeseed	4,9 Zemgale
2001 Rapeseed	6 Zemgale
2002 Rapeseed	10,5 Zemgale
2003 Rapeseed	13,7 Zemgale
2004 Rapeseed	26,4 Zemgale
2005 Rapeseed	29,8 Zemgale
2006 Rapeseed	34,2 Zemgale
2007 Rapeseed	45,3 Zemgale
2008 Rapeseed	35,6 Zemgale
2009 Rapeseed	43,3 Zemgale
2010 Rapeseed	46,1 Zemgale
1990 Rapeseed	19,9 LATVIA
1991 Rapeseed	12,2 LATVIA
1992 Rapeseed	10,5 LATVIA
1993 Rapeseed	15,1 LATVIA
1994 Rapeseed	8,4 LATVIA
1995 Rapeseed	8,1 LATVIA
1996 Rapeseed	16 LATVIA
1997 Rapeseed	14,3 LATVIA
1998 Rapeseed	13,3 LATVIA
1999 Rapeseed	18 LATVIA
2000 Rapeseed	14,6 LATVIA
2001 Rapeseed	15,4 LATVIA
2002 Rapeseed	17,8 LATVIA
2003 Rapeseed	14,4 LATVIA
2004 Rapeseed	19 LATVIA
2005 Rapeseed	20,4 LATVIA
2006 Rapeseed	14,5 LATVIA
2007 Rapeseed	19,8 LATVIA
2008 Rapeseed	24 LATVIA
2009 Rapeseed	21,9 LATVIA
2010 Rapeseed	20,5 LATVIA
1990 Rapeseed	Kurzeme
1991 Rapeseed	Kurzeme
1992 Rapeseed	Kurzeme
1993 Rapeseed	Kurzeme
1994 Rapeseed	Kurzeme
1995 Rapeseed	Kurzeme
1996 Rapeseed	20 Kurzeme
1997 Rapeseed	Kurzeme
1998 Rapeseed	10 Kurzeme
1999 Rapeseed	10 Kurzeme
2000 Rapeseed	10,4 Kurzeme
2001 Rapeseed	12,4 Kurzeme
2002 Rapeseed	14,1 Kurzeme
2003 Rapeseed	13,3 Kurzeme
2004 Rapeseed	14,3 Kurzeme

2005 Rapeseed	20,4 Kurzeme
2006 Rapeseed	13,3 Kurzeme
2007 Rapeseed	17,6 Kurzeme
2008 Rapeseed	19,3 Kurzeme
2009 Rapeseed	21,9 Kurzeme
2010 Rapeseed	20,6 Kurzeme
1990 Rapeseed	Latgale
1991 Rapeseed	Latgale
1992 Rapeseed	Latgale
1993 Rapeseed	Latgale
1994 Rapeseed	Latgale
1995 Rapeseed	Latgale
1996 Rapeseed	Latgale
1997 Rapeseed	Latgale
1998 Rapeseed	20 Latgale
1999 Rapeseed	6,7 Latgale
2000 Rapeseed	6,3 Latgale
2001 Rapeseed	9,2 Latgale
2002 Rapeseed	9,3 Latgale
2003 Rapeseed	9,7 Latgale
2004 Rapeseed	12,5 Latgale
2005 Rapeseed	11,2 Latgale
2006 Rapeseed	7,1 Latgale
2007 Rapeseed	11,3 Latgale
2008 Rapeseed	12,2 Latgale
2009 Rapeseed	12 Latgale
2010 Rapeseed	10,6 Latgale
1990 Rapeseed	Greater Riga Area
1991 Rapeseed	Greater Riga Area
1992 Rapeseed	Greater Riga Area
1993 Rapeseed	Greater Riga Area
1994 Rapeseed	Greater Riga Area
1995 Rapeseed	Greater Riga Area
1996 Rapeseed	Greater Riga Area
1997 Rapeseed	Greater Riga Area
1998 Rapeseed	Greater Riga Area
1999 Rapeseed	Greater Riga Area
2000 Rapeseed	Greater Riga Area
2001 Rapeseed	Greater Riga Area
2002 Rapeseed	14,7 Greater Riga Area
2003 Rapeseed	14,9 Greater Riga Area
2004 Rapeseed	16 Greater Riga Area
2005 Rapeseed	20 Greater Riga Area
2006 Rapeseed	15,3 Greater Riga Area
2007 Rapeseed	20,5 Greater Riga Area
2008 Rapeseed	22,9 Greater Riga Area
2009 Rapeseed	20,3 Greater Riga Area
2010 Rapeseed	21,2 Greater Riga Area
1990 Rapeseed	Riga
1991 Rapeseed	Riga
1992 Rapeseed	Riga

1993 Rapeseed	Riga
1994 Rapeseed	Riga
1995 Rapeseed	Riga
1996 Rapeseed	10 Riga
1997 Rapeseed	Riga
1998 Rapeseed	24 Riga
1999 Rapeseed	5 Riga
2000 Rapeseed	16,3 Riga
2001 Rapeseed	9 Riga
2002 Rapeseed	Riga
2003 Rapeseed	Riga
2004 Rapeseed	Riga
2005 Rapeseed	Riga
2006 Rapeseed	Riga
2007 Rapeseed	Riga
2008 Rapeseed	Riga
2009 Rapeseed	Riga
2010 Rapeseed	Riga
1990 Rapeseed	Vidzeme
1991 Rapeseed	Vidzeme
1992 Rapeseed	Vidzeme
1993 Rapeseed	Vidzeme
1994 Rapeseed	Vidzeme
1995 Rapeseed	Vidzeme
1996 Rapeseed	10 Vidzeme
1997 Rapeseed	Vidzeme
1998 Rapeseed	5 Vidzeme
1999 Rapeseed	13,8 Vidzeme
2000 Rapeseed	8,5 Vidzeme
2001 Rapeseed	12 Vidzeme
2002 Rapeseed	13,3 Vidzeme
2003 Rapeseed	14,5 Vidzeme
2004 Rapeseed	16,4 Vidzeme
2005 Rapeseed	19,1 Vidzeme
2006 Rapeseed	11,9 Vidzeme
2007 Rapeseed	19,4 Vidzeme
2008 Rapeseed	18 Vidzeme
2009 Rapeseed	16,4 Vidzeme
2010 Rapeseed	13,7 Vidzeme
1990 Rapeseed	Zemgale
1991 Rapeseed	Zemgale
1992 Rapeseed	Zemgale
1993 Rapeseed	Zemgale
1994 Rapeseed	Zemgale
1995 Rapeseed	Zemgale
1996 Rapeseed	17,5 Zemgale
1997 Rapeseed	16,7 Zemgale
1998 Rapeseed	15,6 Zemgale
1999 Rapeseed	21,3 Zemgale
2000 Rapeseed	16,6 Zemgale
2001 Rapeseed	17 Zemgale

2002 Rapeseed	21,3 Zemgale
2003 Rapeseed	15,6 Zemgale
2004 Rapeseed	23,5 Zemgale
2005 Rapeseed	23,9 Zemgale
2006 Rapeseed	18,1 Zemgale
2007 Rapeseed	22,5 Zemgale
2008 Rapeseed	30,6 Zemgale
2009 Rapeseed	25,6 Zemgale
2010 Rapeseed	24,2 Zemgale
1990 Land	1627,0 LATVIA
1990 Cereal crops	675,4 LATVIA
1990 Rapeseed	1,9 LATVIA
1991 Land	1621,2 LATVIA
1991 Cereal crops	648,3 LATVIA
1991 Rapeseed	0,7 LATVIA
1992 Land	1572,1 LATVIA
1992 Cereal crops	696,7 LATVIA
1992 Rapeseed	1,3 LATVIA
1993 Land	1425,6 LATVIA
1993 Cereal crops	693,6 LATVIA
1993 Rapeseed	1,7 LATVIA
1994 Land	1194,6 LATVIA
1994 Cereal crops	486,3 LATVIA
1994 Rapeseed	2,2 LATVIA
1995 Land	930,2 LATVIA
1995 Cereal crops	408,4 LATVIA
1995 Rapeseed	1,1 LATVIA
1996 Land	986,1 LATVIA
1996 Cereal crops	446,2 LATVIA
1996 Rapeseed	0,8 LATVIA
1997 Land	1002,8 LATVIA
1997 Cereal crops	482,8 LATVIA
1997 Rapeseed	0,4 LATVIA
1998 Land	983,4 LATVIA
1998 Cereal crops	466,0 LATVIA
1998 Rapeseed	1,2 LATVIA
1999 Land	912,3 LATVIA
1999 Cereal crops	415,6 LATVIA
1999 Rapeseed	6,5 LATVIA
2000 Land	881,1 LATVIA
2000 Cereal crops	420,0 LATVIA
2000 Rapeseed	6,9 LATVIA
2001 Land	869,8 LATVIA
2001 Cereal crops	443,7 LATVIA
2001 Rapeseed	8,4 LATVIA
2002 Land	877,7 LATVIA
2002 Cereal crops	415,0 LATVIA
2002 Rapeseed	18,4 LATVIA
2003 Land	851,1 LATVIA
2003 Cereal crops	428,5 LATVIA
2003 Rapeseed	25,9 LATVIA

2004 Land	899,2	LATVIA
2004 Cereal crops	436,7	LATVIA
2004 Rapeseed	54,3	LATVIA
2005 Land	999,6	LATVIA
2005 Cereal crops	468,9	LATVIA
2005 Rapeseed	71,4	LATVIA
2006 Land	1122,7	LATVIA
2006 Cereal crops	511,8	LATVIA
2006 Rapeseed	83,2	LATVIA
2007 Land	1126,2	LATVIA
2007 Cereal crops	521,9	LATVIA
2007 Rapeseed	99,2	LATVIA
2008 Land	1111,5	LATVIA
2008 Cereal crops	544,2	LATVIA
2008 Rapeseed	82,6	LATVIA
2009 Land	1112,0	LATVIA
2009 Cereal crops	540,8	LATVIA
2009 Rapeseed	93,3	LATVIA
2010 Land	1102,7	LATVIA
2010 Cereal crops	541,5	LATVIA
2010 Rapeseed	110,6	LATVIA
1990 Manure	55242174,4	LATVIA
1991 Manure	52806592	LATVIA
1992 Manure	41463787,2	LATVIA
1993 Manure	25768342,4	LATVIA
1994 Manure	22397052,3	LATVIA
1995 Manure	22475017,3	LATVIA
1996 Manure	20642053,9	LATVIA
1997 Manure	19353399,2	LATVIA
1998 Manure	17872472,8	LATVIA
1999 Manure	16026061,6	LATVIA
2000 Manure	15934113,8	LATVIA
2001 Manure	16729028	LATVIA
2002 Manure	16954025,6	LATVIA
2003 Manure	16467256	LATVIA
2004 Manure	16036332,5	LATVIA
2005 Manure	16364948	LATVIA
2006 Manure	16248232	LATVIA
2007 Manure	16851617,6	LATVIA
2008 Manure	16107827,2	LATVIA
2009 Manure	16063885,9	LATVIA
1996 Manure	699,2	Greater Riga Area
1996 Manure	1682,4	Vidzeme
1996 Manure	1061,7	Kurzeme
1996 Manure	1668,9	Zemgale
1996 Manure	730,9	Latgale
1996 Manure	5843,1	LATVIA
1996 Manure	2,9	Greater Riga Area
1996 Manure	3,9	Vidzeme
1996 Manure	3	Kurzeme
1996 Manure	14	Zemgale

1996 Manure	1,9 Latgale
1996 Manure	25,8 LATVIA
1996 Manure	1,6 Greater Riga Area
1996 Manure	2,2 Vidzeme
1996 Manure	1,6 Kurzeme
1996 Manure	7,8 Zemgale
1996 Manure	1,3 Latgale
1996 Manure	14,5 LATVIA
1996 Manure	0,8 Greater Riga Area
1996 Manure	1 Vidzeme
1996 Manure	0,8 Kurzeme
1996 Manure	3,2 Zemgale
1996 Manure	0,2 Latgale
1996 Manure	6 LATVIA
1996 Manure	0,5 Greater Riga Area
1996 Manure	0,7 Vidzeme
1996 Manure	0,6 Kurzeme
1996 Manure	3 Zemgale
1996 Manure	0,4 Latgale
1996 Manure	5,2 LATVIA
1996 Manure	1,4 LATVIA
1997 Manure	960,7 Greater Riga Area
1997 Manure	1058,2 Vidzeme
1997 Manure	1099 Kurzeme
1997 Manure	941,3 Zemgale
1997 Manure	327,5 Latgale
1997 Manure	4386,8 LATVIA
1997 Manure	6,2 Greater Riga Area
1997 Manure	4 Vidzeme
1997 Manure	4,4 Kurzeme
1997 Manure	16,9 Zemgale
1997 Manure	2,1 Latgale
1997 Manure	33,6 LATVIA
1997 Manure	3,4 Greater Riga Area
1997 Manure	2,2 Vidzeme
1997 Manure	2,9 Kurzeme
1997 Manure	9,5 Zemgale
1997 Manure	1,4 Latgale
1997 Manure	19,4 LATVIA
1997 Manure	1,2 Greater Riga Area
1997 Manure	0,9 Vidzeme
1997 Manure	0,6 Kurzeme
1997 Manure	2,9 Zemgale
1997 Manure	0,3 Latgale
1997 Manure	6 LATVIA
1997 Manure	1,6 Greater Riga Area
1997 Manure	0,9 Vidzeme
1997 Manure	0,9 Kurzeme
1997 Manure	4,5 Zemgale
1997 Manure	0,4 Latgale
1997 Manure	8,2 LATVIA

1997 Manure	0,4 LATVIA
1998 Manure	1071,2 Greater Riga Area
1998 Manure	1377,8 Vidzeme
1998 Manure	666,8 Kurzeme
1998 Manure	1178,8 Zemgale
1998 Manure	494,7 Latgale
1998 Manure	4789,4 LATVIA
1998 Manure	4,6 Greater Riga Area
1998 Manure	3,8 Vidzeme
1998 Manure	4,2 Kurzeme
1998 Manure	17,6 Zemgale
1998 Manure	2,4 Latgale
1998 Manure	32,7 LATVIA
1998 Manure	2,8 Greater Riga Area
1998 Manure	2,4 Vidzeme
1998 Manure	2,8 Kurzeme
1998 Manure	9,9 Zemgale
1998 Manure	1,7 Latgale
1998 Manure	19,6 LATVIA
1998 Manure	0,9 Greater Riga Area
1998 Manure	0,7 Vidzeme
1998 Manure	0,7 Kurzeme
1998 Manure	3,4 Zemgale
1998 Manure	0,3 Latgale
1998 Manure	6,1 LATVIA
1998 Manure	0,9 Greater Riga Area
1998 Manure	0,7 Vidzeme
1998 Manure	0,7 Kurzeme
1998 Manure	4,3 Zemgale
1998 Manure	0,4 Latgale
1998 Manure	7 LATVIA
1998 Manure	4,7 LATVIA
1999 Manure	637,9 Greater Riga Area
1999 Manure	1213,2 Vidzeme
1999 Manure	775,1 Kurzeme
1999 Manure	884,8 Zemgale
1999 Manure	327,5 Latgale
1999 Manure	3838,4 LATVIA
1999 Manure	4,1 Greater Riga Area
1999 Manure	2,7 Vidzeme
1999 Manure	3,7 Kurzeme
1999 Manure	19,1 Zemgale
1999 Manure	2 Latgale
1999 Manure	31,5 LATVIA
1999 Manure	2,7 Greater Riga Area
1999 Manure	1,8 Vidzeme
1999 Manure	2,5 Kurzeme
1999 Manure	10,7 Zemgale
1999 Manure	1,4 Latgale
1999 Manure	19,1 LATVIA
1999 Manure	0,7 Greater Riga Area

1999 Manure	0,5 Vidzeme
1999 Manure	0,6 Kurzeme
1999 Manure	3,8 Zemgale
1999 Manure	0,3 Latgale
1999 Manure	5,8 LATVIA
1999 Manure	0,7 Greater Riga Area
1999 Manure	0,4 Vidzeme
1999 Manure	0,6 Kurzeme
1999 Manure	4,6 Zemgale
1999 Manure	0,3 Latgale
1999 Manure	6,6 LATVIA
1999 Manure	4,9 LATVIA
2000 Manure	612,7 Greater Riga Area
2000 Manure	663,8 Vidzeme
2000 Manure	768,3 Kurzeme
2000 Manure	632,3 Zemgale
2000 Manure	1521,6 Latgale
2000 Manure	4198,7 LATVIA
2000 Manure	4,4 Greater Riga Area
2000 Manure	4 Vidzeme
2000 Manure	6,1 Kurzeme
2000 Manure	16,7 Zemgale
2000 Manure	5,8 Latgale
2000 Manure	37 LATVIA
2000 Manure	2,7 Greater Riga Area
2000 Manure	2,5 Vidzeme
2000 Manure	3,8 Kurzeme
2000 Manure	10,4 Zemgale
2000 Manure	3,6 Latgale
2000 Manure	23 LATVIA
2000 Manure	0,7 Greater Riga Area
2000 Manure	0,6 Vidzeme
2000 Manure	1 Kurzeme
2000 Manure	2,6 Zemgale
2000 Manure	0,9 Latgale
2000 Manure	5,8 LATVIA
2000 Manure	1 Greater Riga Area
2000 Manure	0,9 Vidzeme
2000 Manure	1,3 Kurzeme
2000 Manure	3,7 Zemgale
2000 Manure	1,3 Latgale
2000 Manure	8,2 LATVIA
2000 Manure	10,2 LATVIA
2001 Manure	498,7 Greater Riga Area
2001 Manure	592,7 Vidzeme
2001 Manure	1229,2 Kurzeme
2001 Manure	1014,3 Zemgale
2001 Manure	1659,8 Latgale
2001 Manure	4994,7 LATVIA
2001 Manure	6,8 Greater Riga Area
2001 Manure	4,7 Vidzeme

2001 Manure	9 Kurzeme
2001 Manure	25 Zemgale
2001 Manure	5,6 Latgale
2001 Manure	51,1 LATVIA
2001 Manure	4,2 Greater Riga Area
2001 Manure	2,9 Vidzeme
2001 Manure	5,6 Kurzeme
2001 Manure	15,5 Zemgale
2001 Manure	3,5 Latgale
2001 Manure	31,6 LATVIA
2001 Manure	1 Greater Riga Area
2001 Manure	0,7 Vidzeme
2001 Manure	1,3 Kurzeme
2001 Manure	3,6 Zemgale
2001 Manure	0,8 Latgale
2001 Manure	7,4 LATVIA
2001 Manure	1,6 Greater Riga Area
2001 Manure	1,1 Vidzeme
2001 Manure	2,1 Kurzeme
2001 Manure	5,9 Zemgale
2001 Manure	1,3 Latgale
2001 Manure	12,1 LATVIA
2001 Manure	0,7 LATVIA
2002 Manure	411,8 Greater Riga Area
2002 Manure	735,5 Vidzeme
2002 Manure	1346,4 Kurzeme
2002 Manure	680,7 Zemgale
2002 Manure	880,4 Latgale
2002 Manure	4054,8 LATVIA
2002 Manure	6,4 Greater Riga Area
2002 Manure	4,6 Vidzeme
2002 Manure	7,2 Kurzeme
2002 Manure	25,4 Zemgale
2002 Manure	5,1 Latgale
2002 Manure	48,6 LATVIA
2002 Manure	3,6 Greater Riga Area
2002 Manure	2,6 Vidzeme
2002 Manure	4,1 Kurzeme
2002 Manure	14,4 Zemgale
2002 Manure	2,9 Latgale
2002 Manure	27,6 LATVIA
2002 Manure	1,1 Greater Riga Area
2002 Manure	0,8 Vidzeme
2002 Manure	1,2 Kurzeme
2002 Manure	4,3 Zemgale
2002 Manure	0,9 Latgale
2002 Manure	8,2 LATVIA
2002 Manure	1,7 Greater Riga Area
2002 Manure	1,2 Vidzeme
2002 Manure	1,9 Kurzeme
2002 Manure	6,7 Zemgale

2002 Manure	1,3 Latgale
2002 Manure	12,8 LATVIA
2002 Manure	32,9 LATVIA
2003 Manure	1141,8 Greater Riga Area
2003 Manure	904,1 Vidzeme
2003 Manure	1460,9 Kurzeme
2003 Manure	555,6 Zemgale
2003 Manure	1793,8 Latgale
2003 Manure	5856,2 LATVIA
2003 Manure	6,5 Greater Riga Area
2003 Manure	5,7 Vidzeme
2003 Manure	13 Kurzeme
2003 Manure	27,8 Zemgale
2003 Manure	7,9 Latgale
2003 Manure	60,9 LATVIA
2003 Manure	4 Greater Riga Area
2003 Manure	3,5 Vidzeme
2003 Manure	8 Kurzeme
2003 Manure	17,1 Zemgale
2003 Manure	4,9 Latgale
2003 Manure	37,5 LATVIA
2003 Manure	1 Greater Riga Area
2003 Manure	0,9 Vidzeme
2003 Manure	2 Kurzeme
2003 Manure	4,2 Zemgale
2003 Manure	1,2 Latgale
2003 Manure	9,3 LATVIA
2003 Manure	1,5 Greater Riga Area
2003 Manure	1,3 Vidzeme
2003 Manure	3 Kurzeme
2003 Manure	6,5 Zemgale
2003 Manure	1,8 Latgale
2003 Manure	14,1 LATVIA
2003 Manure	53,8 LATVIA
2004 Manure	552,5 Greater Riga Area
2004 Manure	1288,8 Vidzeme
2004 Manure	697,9 Kurzeme
2004 Manure	696,6 Zemgale
2004 Manure	1091,8 Latgale
2004 Manure	4327,6 LATVIA
2004 Manure	8,4 Greater Riga Area
2004 Manure	7,3 Vidzeme
2004 Manure	11,1 Kurzeme
2004 Manure	29,8 Zemgale
2004 Manure	4,5 Latgale
2004 Manure	61,1 LATVIA
2004 Manure	4,3 Greater Riga Area
2004 Manure	4,2 Vidzeme
2004 Manure	7,1 Kurzeme
2004 Manure	16,6 Zemgale
2004 Manure	3,1 Latgale

2004 Manure	35,2 LATVIA
2004 Manure	1,7 Greater Riga Area
2004 Manure	1,4 Vidzeme
2004 Manure	1,8 Kurzeme
2004 Manure	5,4 Zemgale
2004 Manure	0,6 Latgale
2004 Manure	10,9 LATVIA
2004 Manure	2,4 Greater Riga Area
2004 Manure	1,7 Vidzeme
2004 Manure	2,2 Kurzeme
2004 Manure	7,8 Zemgale
2004 Manure	0,8 Latgale
2004 Manure	15 LATVIA
2004 Manure	2,2 LATVIA
2005 Manure	847,4 Greater Riga Area
2005 Manure	848 Vidzeme
2005 Manure	997 Kurzeme
2005 Manure	505,5 Zemgale
2005 Manure	857,2 Latgale
2005 Manure	4055 LATVIA
2005 Manure	16,6 Greater Riga Area
2005 Manure	9,9 Vidzeme
2005 Manure	20,4 Kurzeme
2005 Manure	21,9 Zemgale
2005 Manure	5,5 Latgale
2005 Manure	74,3 LATVIA
2005 Manure	8,4 Greater Riga Area
2005 Manure	5,2 Vidzeme
2005 Manure	12,2 Kurzeme
2005 Manure	11,9 Zemgale
2005 Manure	3,2 Latgale
2005 Manure	40,9 LATVIA
2005 Manure	3,5 Greater Riga Area
2005 Manure	2,1 Vidzeme
2005 Manure	3,9 Kurzeme
2005 Manure	4,2 Zemgale
2005 Manure	1 Latgale
2005 Manure	14,7 LATVIA
2005 Manure	4,7 Greater Riga Area
2005 Manure	2,6 Vidzeme
2005 Manure	4,3 Kurzeme
2005 Manure	5,8 Zemgale
2005 Manure	1,3 Latgale
2005 Manure	18,7 LATVIA
2005 Manure	3,3 LATVIA
2006 Manure	465,2 Greater Riga Area
2006 Manure	808,2 Vidzeme
2006 Manure	656,9 Kurzeme
2006 Manure	783,7 Zemgale
2006 Manure	732,6 Latgale
2006 Manure	3446,6 LATVIA

2006 Manure	10,9 Greater Riga Area
2006 Manure	8,1 Vidzeme
2006 Manure	14,6 Kurzeme
2006 Manure	35,5 Zemgale
2006 Manure	6,3 Latgale
2006 Manure	75,5 LATVIA
2006 Manure	5,6 Greater Riga Area
2006 Manure	4,7 Vidzeme
2006 Manure	9,1 Kurzeme
2006 Manure	19,6 Zemgale
2006 Manure	3,7 Latgale
2006 Manure	42,7 LATVIA
2006 Manure	2,3 Greater Riga Area
2006 Manure	1,6 Vidzeme
2006 Manure	2,6 Kurzeme
2006 Manure	6,8 Zemgale
2006 Manure	1,2 Latgale
2006 Manure	14,5 LATVIA
2006 Manure	3 Greater Riga Area
2006 Manure	1,8 Vidzeme
2006 Manure	2,9 Kurzeme
2006 Manure	9,1 Zemgale
2006 Manure	1,4 Latgale
2006 Manure	18,3 LATVIA
2006 Manure	3 LATVIA
2007 Manure	410,9 Greater Riga Area
2007 Manure	693 Vidzeme
2007 Manure	539,2 Kurzeme
2007 Manure	588,4 Zemgale
2007 Manure	629,1 Latgale
2007 Manure	2860,6 LATVIA
2007 Manure	10,8 Greater Riga Area
2007 Manure	10 Vidzeme
2007 Manure	19,5 Kurzeme
2007 Manure	36,3 Zemgale
2007 Manure	6,7 Latgale
2007 Manure	83,2 LATVIA
2007 Manure	5,7 Greater Riga Area
2007 Manure	5,6 Vidzeme
2007 Manure	11,4 Kurzeme
2007 Manure	19,6 Zemgale
2007 Manure	3,8 Latgale
2007 Manure	46,1 LATVIA
2007 Manure	2,2 Greater Riga Area
2007 Manure	2 Vidzeme
2007 Manure	3,8 Kurzeme
2007 Manure	7,3 Zemgale
2007 Manure	1,4 Latgale
2007 Manure	16,7 LATVIA
2007 Manure	2,9 Greater Riga Area
2007 Manure	2,4 Vidzeme

2007 Manure	4,3 Kurzeme
2007 Manure	9,4 Zemgale
2007 Manure	1,5 Latgale
2007 Manure	20,5 LATVIA
2007 Manure	10,7 LATVIA
2008 Manure	459,7 Greater Riga Area
2008 Manure	588 Vidzeme
2008 Manure	526,6 Kurzeme
2008 Manure	533,5 Zemgale
2008 Manure	503,9 Latgale
2008 Manure	2611,7 LATVIA
2008 Manure	10,5 Greater Riga Area
2008 Manure	9,9 Vidzeme
2008 Manure	19,2 Kurzeme
2008 Manure	35,6 Zemgale
2008 Manure	6,7 Latgale
2008 Manure	81,8 LATVIA
2008 Manure	5,8 Greater Riga Area
2008 Manure	5,8 Vidzeme
2008 Manure	11,8 Kurzeme
2008 Manure	20,1 Zemgale
2008 Manure	4 Latgale
2008 Manure	47,5 LATVIA
2008 Manure	2 Greater Riga Area
2008 Manure	1,8 Vidzeme
2008 Manure	3,4 Kurzeme
2008 Manure	6,7 Zemgale
2008 Manure	1,3 Latgale
2008 Manure	15,2 LATVIA
2008 Manure	2,7 Greater Riga Area
2008 Manure	2,3 Vidzeme
2008 Manure	4 Kurzeme
2008 Manure	8,8 Zemgale
2008 Manure	1,4 Latgale
2008 Manure	19,2 LATVIA
2008 Manure	6 LATVIA
2009 Manure	615,9 Greater Riga Area
2009 Manure	535,5 Vidzeme
2009 Manure	796,1 Kurzeme
2009 Manure	716 Zemgale
2009 Manure	557,5 Latgale
2009 Manure	3221 LATVIA
2009 Manure	10 Greater Riga Area
2009 Manure	8,1 Vidzeme
2009 Manure	15,8 Kurzeme
2009 Manure	43,1 Zemgale
2009 Manure	4,9 Latgale
2009 Manure	81,8 LATVIA
2009 Manure	6,6 Greater Riga Area
2009 Manure	5,3 Vidzeme
2009 Manure	11,2 Kurzeme

2009 Manure	25,2 Zemgale
2009 Manure	3,6 Latgale
2009 Manure	51,9 LATVIA
2009 Manure	1,5 Greater Riga Area
2009 Manure	1,3 Vidzeme
2009 Manure	2 Kurzeme
2009 Manure	8 Zemgale
2009 Manure	0,6 Latgale
2009 Manure	13,4 LATVIA
2009 Manure	1,9 Greater Riga Area
2009 Manure	1,5 Vidzeme
2009 Manure	2,6 Kurzeme
2009 Manure	9,9 Zemgale
2009 Manure	0,7 Latgale
2009 Manure	16,6 LATVIA
2009 Manure	8,7 LATVIA
2010 Manure	441,4 Greater Riga Area
2010 Manure	684,4 Vidzeme
2010 Manure	760,4 Kurzeme
2010 Manure	1203 Zemgale
2010 Manure	626,7 Latgale
2010 Manure	3715,9 LATVIA
2010 Manure	12,2 Greater Riga Area
2010 Manure	10,1 Vidzeme
2010 Manure	20,8 Kurzeme
2010 Manure	43,5 Zemgale
2010 Manure	6,5 Latgale
2010 Manure	93,1 LATVIA
2010 Manure	7,8 Greater Riga Area
2010 Manure	6,1 Vidzeme
2010 Manure	14,3 Kurzeme
2010 Manure	27,1 Zemgale
2010 Manure	4,2 Latgale
2010 Manure	59,5 LATVIA
2010 Manure	2 Greater Riga Area
2010 Manure	2 Vidzeme
2010 Manure	3,1 Kurzeme
2010 Manure	7,5 Zemgale
2010 Manure	1,1 Latgale
2010 Manure	15,7 LATVIA
2010 Manure	2,4 Greater Riga Area
2010 Manure	2 Vidzeme
2010 Manure	3,4 Kurzeme
2010 Manure	8,9 Zemgale
2010 Manure	1,2 Latgale
2010 Manure	17,9 LATVIA
2010 Manure	4,3 LATVIA
1990 Land	46,4 Riga
1990 Land	- Greater Riga Area
1990 Land	413,6 Vidzeme
1990 Land	292 Kurzeme

1990 Land		427,8 Zemgale
1990 Land		447,1 Latgale
1990 Land		1627 LATVIA
1991 Land		46,2 Riga
1991 Land	-	Greater Riga Area
1991 Land		414,3 Vidzeme
1991 Land		291,5 Kurzeme
1991 Land		429,4 Zemgale
1991 Land		439,9 Latgale
1991 Land		1621,2 LATVIA
1992 Land		45,9 Riga
1992 Land	-	Greater Riga Area
1992 Land		389,6 Vidzeme
1992 Land		287,5 Kurzeme
1992 Land		419,7 Zemgale
1992 Land		429,5 Latgale
1992 Land		1572,1 LATVIA
1993 Land		42,1 Riga
1992 Land	-	Greater Riga Area
1992 Land		354,7 Vidzeme
1992 Land		255 Kurzeme
1992 Land		397 Zemgale
1992 Land		376,7 Latgale
1992 Land		1425,6 LATVIA
1994 Land		40,5 Riga
1994 Land	-	Greater Riga Area
1994 Land		304,2 Vidzeme
1994 Land		242,1 Kurzeme
1994 Land		341,7 Zemgale
1994 Land		266,1 Latgale
1994 Land		1194,6 LATVIA
1995 Land		31,6 Riga
1995 Land	-	Greater Riga Area
1995 Land		236,8 Vidzeme
1995 Land		188,5 Kurzeme
1995 Land		266 Zemgale
1995 Land		207,2 Latgale
1995 Land		930,2 LATVIA
1996 Land		37,2 Riga
1996 Land	-	Greater Riga Area
1996 Land		224,8 Vidzeme
1996 Land		194,9 Kurzeme
1996 Land		302,1 Zemgale
1996 Land		227,1 Latgale
1996 Land		986,1 LATVIA
1997 Land		37,8 Riga
1997 Land	-	Greater Riga Area
1997 Land		228,6 Vidzeme
1997 Land		198,2 Kurzeme
1997 Land		307,2 Zemgale
1997 Land		231 Latgale

1997 Land		1002,8 LATVIA
1998 Land		36,9 Riga
1998 Land	-	Greater Riga Area
1998 Land		260,8 Vidzeme
1998 Land		187,9 Kurzeme
1998 Land		285,9 Zemgale
1998 Land		211,9 Latgale
1998 Land		983,4 LATVIA
1999 Land		30,4 Riga
1999 Land	-	Greater Riga Area
1999 Land		205,3 Vidzeme
1999 Land		166 Kurzeme
1999 Land		294,8 Zemgale
1999 Land		215,8 Latgale
1999 Land		912,3 LATVIA
2000 Land		21,5 Riga
2000 Land	-	Greater Riga Area
2000 Land		205,3 Vidzeme
2000 Land		167,1 Kurzeme
2000 Land		285,6 Zemgale
2000 Land		201,7 Latgale
2000 Land		881,1 LATVIA
2001 Land		21,6 Riga
2001 Land	-	Greater Riga Area
2001 Land		208,9 Vidzeme
2001 Land		171,7 Kurzeme
2001 Land		306,3 Zemgale
2001 Land		160,1 Latgale
2001 Land		868,6 LATVIA
2002 Land		31 Riga
2002 Land	-	Greater Riga Area
2002 Land		211,5 Vidzeme
2002 Land		158,9 Kurzeme
2002 Land		288,5 Zemgale
2002 Land		187,8 Latgale
2002 Land		877,7 LATVIA
2003 Land		27,7 Riga
2003 Land	-	Greater Riga Area
2003 Land		185,5 Vidzeme
2003 Land		177,5 Kurzeme
2003 Land		278,3 Zemgale
2003 Land		182,1 Latgale
2003 Land		851,1 LATVIA
2004 Land	-	Riga
2004 Land		126,5 Greater Riga Area
2004 Land		149,7 Vidzeme
2004 Land		188,2 Kurzeme
2004 Land		247,7 Zemgale
2004 Land		187,1 Latgale
2004 Land		899,2 LATVIA
2005 Land	-	Riga

2005 Land		140,4 Greater Riga Area
2005 Land		174,7 Vidzeme
2005 Land		225,7 Kurzeme
2005 Land		259 Zemgale
2005 Land		199,7 Latgale
2005 Land		999,6 LATVIA
2006 Land	-	Riga
2006 Land		164 Greater Riga Area
2006 Land		194,9 Vidzeme
2006 Land		244,3 Kurzeme
2006 Land		284 Zemgale
2006 Land		235,6 Latgale
2006 Land		1122,7 LATVIA
2007 Land	-	Riga
2007 Land		170,7 Greater Riga Area
2007 Land		193,9 Vidzeme
2007 Land		237,8 Kurzeme
2007 Land		286,2 Zemgale
2007 Land		237,7 Latgale
2007 Land		1126,2 LATVIA
2008 Land	-	Riga
2008 Land		147,9 Greater Riga Area
2008 Land		196,8 Vidzeme
2008 Land		240,7 Kurzeme
2008 Land		331,2 Zemgale
2008 Land		194,9 Latgale
2008 Land		1111,5 LATVIA
2009 Land	-	Riga
2009 Land		148 Greater Riga Area
2009 Land		203,6 Vidzeme
2009 Land		240,3 Kurzeme
2009 Land		304,2 Zemgale
2009 Land		216 Latgale
2009 Land		1112,1 LATVIA
2010 Land	-	Riga
2010 Land		149,6 Greater Riga Area
2010 Land		198,6 Vidzeme
2010 Land		248,6 Kurzeme
2010 Land		309,2 Zemgale
2010 Land		196,7 Latgale
2010 Land		1102,7 LATVIA

VERAGE YIELD BY STATISTICAL AREAS AND REGIONS

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STANDARD VALUES	parameter: unit:	GHG emission coefficient				Fossil energy input		Density kg/m ³	LHV MJ/kg (at 0% water, unless otherwise stated)	Fuel efficiency MJ/L.km	Transport exhaust gas emissions		Source	Remark / question
		gCO _{2e} /g	gCO ₂ /kg	gCH ₄ /kg	gN ₂ O/kg	gCO _{2e} /MJ	gCH ₄ /MJ				gN ₂ O/MJ	gCO _{2e} /MJ		
Global Warming Potentials (GWPs)														
CO ₂	1												RED Annex V.C.5	
CH ₄	23												RED Annex V.C.5	
N ₂ O	296												RED Annex V.C.5	
Agro inputs														
N-fertiliser (kg N)	2827,0	8,68	9,642	5880,6				48,99					JEC E3-database (version 31-7-2008)	
P ₂ O ₅ -fertiliser (kg P ₂ O ₅)	964,9	1,33	0,052	1010,7				15,23					JEC E3-database (version 31-7-2008)	
K ₂ O-fertiliser (kg K ₂ O)	536,3	1,57	0,012	576,1				9,68					JEC E3-database (version 31-7-2008)	
CaO-fertiliser (kg CaO)	119,1	0,22	0,018	129,5				1,97					JEC E3-database (version 31-7-2008)	
Pesticides	9886,5	25,83	1,681	10971,3				268,40					JEC E3-database (version 31-7-2008)	
Seeds: corn													JEC E3-database (version 31-7-2008)	
Seeds: rapeseed	412,1	0,91	1,003	729,9				7,87					JEC E3-database (version 31-7-2008)	
Seeds: soy bean													JEC E3-database (version 31-7-2008)	
Seeds: sugar beet	2187,7	4,60	4,2120	3540,3				36,29					JEC E3-database (version 31-7-2008)	
Seeds: sugarcane	1,6	0,00	0,0000	1,6				0,02					JEC E3-database (version 31-7-2008)	
Seeds: sunflower	412,1	0,91	1,003	729,9				7,87					JEC E3-database (version 31-7-2008)	
Seeds: wheat	151,1	0,28	0,400	275,5				2,61					JEC E3-database (version 31-7-2008)	
Residues (feedstock or input)														
FFB compost (palm oil)	0,0	0,00	0,0000	0,0				0,00						No GHG emissions or fossil
Filter mud cake	0,0	0,00	0,0000	0,0				0,00						No GHG emissions or fossil
Manure	0,0	0,00	0,0000	0,0				0,00					JEC E3-database (version 31-7-2008)	
Vinasse	0,0	0,00	0,0000	0,0				0,00						No GHG emissions or fossil
Fuels - gases														
Natural gas (4000 km, Russian NG quality)					61,58	0,1981	0,0002	66,20		1,1281			JEC E3-database (version 31-7-2008)	
Natural gas (4000 km, EU Mix quality)					62,96	0,1981	0,0002	67,59		1,1281			JEC E3-database (version 31-7-2008)	
Methane											80,0		JEC E3-database (version 31-7-2008)	
Fuels - liquids (also conversion inputs)														
Diesel					87,639			87,64	1,16		832	43,1	JEC E3-database (version 31-7-2008)	
Gasoline											745	43,2	JEC E3-database (version 31-7-2008)	
HFO					84,98			84,98	1,088		970	40,5	JEC E3-database (version 31-7-2008)	
HFO for maritime transport					87,20			87,20	1,088		970	40,5	JEC E3-database (version 31-7-2008)	Higher CO2 emissions from
Methanol					92,80	0,2900	0,0003	99,57		1,6594	794	26,81	JEC E3-database (version 31-7-2008)	or "XME" which is RME, PME
FAME											890	37,2	JEC E3-database (version 31-7-2008)	
Syn diesel (BTL)											780	44,0	JEC E3-database (version 31-7-2008)	
HVO											780	44,0	JEC E3-database (version 31-7-2008)	
PVO											780	44,0	JEC E3-database (version 31-7-2008)	
Fuels / feedstock / byproducts - solids														
Hard coal					102,36	0,3835	0,0003	111,38		1,0886		26,5	JEC E3-database (version 31-7-2008)	
Lignite					116,76	0,0891	0,0001	116,98		1,0156		9,2	JEC E3-database (version 31-7-2008)	
Corn												18,5	JEC E3-database (version 31-7-2008)	
FFB												24,0	JEC E3-database (version 31-7-2008)	
Rapeseed												29,4	JEC E3-database (version 31-7-2008)	
Soybeans												36,6	JEC E3-database (version 31-7-2008)	
Sugar beet												16,3	JEC E3-database (version 31-7-2008)	
Sugar cane												19,6	JEC E3-database (version 31-7-2008)	
Sunflower seed												26,4	JEC E3-database (version 31-7-2008)	
Wheat												17,0	JEC E3-database (version 31-7-2008)	
Waste vegetable / animal oil												37,1	JEC E3-database (version 31-7-2008)	
BioOil (byproduct FAME from waste oil)												21,8	JEC E3-database (version 31-7-2008)	
Crude vegetable oil												36,0	JEC E3-database (version 31-7-2008)	
DDGS (10 wt% moisture)												16,0	JEC E3-database (version 31-7-2008)	
Glycerol												16,0	JEC E3-database (version 31-7-2008)	
Palm kernel meal												17,0	JEC E3-database (version 31-7-2008)	
Palm oil												27,0	JEC E3-database (version 31-7-2008)	
Rapeseed meal												18,0	JEC E3-database (version 31-7-2008)	
Soybean oil												36,6	JEC E3-database (version 31-7-2008)	
Soy bean meal												18,0	JEC E3-database (version 31-7-2008)	
Sugar beet pulp												15,6	JEC E3-database (version 31-7-2008)	No LHV given in the E3 data
Sugar beet tops												15,6	JEC E3-database (version 31-7-2008)	
Wheat straw					1,75	0,0013	0,0001	1,80		0,0254		17,2	JEC E3-database (version 31-7-2008)	Transport plus fertiliser deb
Electricity														
Electricity EU mix HV					119,36	0,2911	0,0054	127,65		2,6951			JEC E3-database (version 31-7-2008)	
Electricity EU mix LV					120,79	0,2946	0,0055	129,19		2,7273			JEC E3-database (version 31-7-2008)	
Conversion inputs														
n-Hexane					80,08	0,0146	0,0003	80,50		0,3204		45,1	JEC E3-database (version 31-7-2008)	
Phosphoric acid (H ₃ PO ₄)	2776,0	8,93	0,1028	3011,7				28,57					JEC E3-database (version 31-7-2008)	
Fuller's earth	197,0	0,04	0,0063	199,7				2,54					JEC E3-database (version 31-7-2008)	
Hydrochloric acid (HCl)	717,4	1,13	0,0294	759,9				15,43					JEC E3-database (version 31-7-2008)	
Sodium carbonate (Na ₂ CO ₃)	1046,0	6,20	0,0055	1100,3				13,79					JEC E3-database (version 31-7-2008)	
Sodium hydroxide (NaOH)	438,5	1,03	0,0240	469,3				10,22					JEC E3-database (version 31-7-2008)	
Potassium hydroxide (KOH)	0,0	0,00	0,0000	0,0				0,00					JEC E3-database (version 31-7-2008)	
Hydrogen (for HVO)					80,87	0,2785	0,0003	87,32		1,4835			JEC E3-database (version 31-7-2008)	No emission factors and LHV
Pure CaO for processes	1013,0	0,65	0,0076	1030,2				4,60					JEC E3-database (version 31-7-2008)	
Sulphuric acid (H ₂ SO ₄)	193,9	0,55	0,0045	207,7				3,90					JEC E3-database (version 31-7-2008)	
Ammonia	2478,0	7,84	0,0087	2660,8				44,39					JEC E3-database (version 31-7-2008)	
Cycle-hexane	723,0	0,00	0,0000	723,0				53,10					JEC E3-database (version 31-7-2008)	
Lubricants	947,0	0,00	0,0000	947,0				53,28					JEC E3-database (version 31-7-2008)	
Transport efficiencies														
Truck for dry product (Diesel)										0,584	0,005	0,0000	JEC E3-database (version 31-7-2008)	
Truck for inputs (Diesel)										1,01	0,005	0,0000	JEC E3-database (version 31-7-2008)	Calculated from value above
Truck for FFB transport (Diesel)										2,01	0,005	0,0000	JEC E3-database (version 31-7-2008)	
Tanker truck MB2318 for vinasse transport										2,16	0,000	0,0000	JEC E3-database (version 31-7-2008)	

