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**COMMISSION STAFF WORKING DOCUMENT**

**Genetically modified commodities in the EU**

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1. On 22 April 2015, the Commission adopted a Communication reviewing the decision-making process on genetically modified organisms<sup>1</sup>, and a proposal amending Regulation (EC) No 1829/2003 as regards the possibility for the Member States to restrict or prohibit the use of genetically modified food and feed on their territory<sup>2</sup>.
2. As in the case of Directive (EU) 2015/412<sup>3</sup>, the practical effect of the proposal will depend on the extent to which Member States make use of its provisions.
3. As a follow-up of the discussion held in the Council on 13 July 2015, the present document provides data regarding the EU market of genetically modified (GM) food and feed in view of forthcoming discussions in the relevant Council Working Party.

## 1. CONTEXT

4. The number of GM food products available for purchase in the EU is small.
5. On the contrary, there is a substantial market in the EU for GM feed. Indeed, the EU is a major importer of agricultural commodities for feed use, mainly coming from countries where cultivation is dominated by GMOs.
6. Therefore, this document focuses on agricultural commodities mainly used for feed, namely soybean, maize, rapeseed and cottonseed, for which GM events are authorised in the EU.

## 2. IMPORTS, EU PRODUCTION AND SELF-SUFFICIENCY RATIOS OF RELEVANT COMMODITIES

7. In the last three years, the EU has imported on average 36.1 million tonnes of **soybean** equivalent<sup>4</sup> on a yearly basis (see Annex, Table 1). On average, 12.7 million tonnes of soybeans are imported into the EU for crushing into soybean oil and meal yearly; and 18.5 million tonnes of soymeal (i.e. 23.4 million tonnes of soybean equivalent) are directly imported into the EU yearly. Commodity imports are concentrated in a few EU ports, from where they are traded within the internal market to other Member States. Most commodities are used throughout the EU; intra-EU trade is therefore of particular importance, especially for those commodities for which EU's import dependency is relatively high, and has to be

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<sup>1</sup> COM(2015) 176 final.

<sup>2</sup> <http://eur-lex.europa.eu/legal-content/EN/HIS/?uri=COM%3A2015%3A176%3AFIN>

<sup>3</sup> COM(2015) 177 final - 2015/0093 (COD).

<sup>4</sup> <http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:52015PC0177>.

<sup>3</sup> Directive (EU) 2015/412 of the European Parliament and of the Council of 11 March 2015 amending Directive 2001/18/EC as regards the possibility for the Member States to restrict or prohibit the cultivation of genetically modified organisms (GMOs) in their territory; OJ L 68, 13.3.2015.

<sup>4</sup> Soybeans are crushed to extract oil. The remaining by-product is soymeal, which is used for feed. One tonne of soybean grains produces 0.20 tonne of oil and 0.79 tonne of meal. Data on soybeans and soymeal have to be expressed into the same equivalent unit to allow adding them up. In order to compare EU imports of soybeans and soymeal versus EU production of soybean crops, data have been expressed in soybean equivalent (SOE). A conversion factor of 0.79 has been applied.

taken into account to have a more complete overview of where these commodities are used throughout the EU. Intra-EU trade of soybeans and soymeal is shown in Annex, Table 2.

8. Between 0.43 and 0.56 million hectares of soybean crops<sup>5</sup> have been cultivated in the EU in the last three years, producing between 0.96 and 1.85 million tonnes of soybeans yearly (see Annex, Table 3). A balance sheet taking account production, external and internal trade by Member State is shown in Annex, Tables 4.1, 4.2 and 4.3.
9. The EU has a self-sufficiency ratio<sup>6</sup> of 3% for its soybean and soymeal needs<sup>7</sup>.
10. The EU has imported, in the last three years, between 8 and 14 million tonnes of **maize** per year (see Annex, Table 5). In addition, the EU has also imported between 0.2 and 0.7 million tonnes of corn gluten feed (CGF)<sup>8,9</sup> (see Annex, Table 6). Finally, the EU also imports dried distillers' grains with solubles (DDGS), part of them being maize-based, but this specific data is not available since the commodity code for DDGS includes different types of grains<sup>10</sup>. The Intra-EU trade of maize and CGF is shown in Annex, Tables 7 and 8.
11. More than 9 million hectares of maize crop are cultivated in the EU per year (including 0.14 million hectares of GM maize<sup>11</sup>), producing between 60 and 78 million tonnes of maize (see Annex, Table 9).
12. The EU self-sufficiency ratio on maize depends on the year, fluctuating between 82% and 102%<sup>12</sup> in recent years.
13. The EU imports, on average, 3.5 million tonnes of **rapeseed** per year, and between 0.2 and 0.47 million tonnes of rapeseed meal. In total, on average, the EU imports 4.2 million tonnes of rapeseed equivalent<sup>13</sup> yearly (see Annex, Table 10). Intra-EU trade of rapeseed is shown in Annex, Table 11.

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<sup>5</sup> European soybean production is non GM. No GM soybean is authorised for cultivation in the EU.

<sup>6</sup> The Self-Sufficiency Ratio (SSR) expresses the magnitude of EU production in relation to domestic use, i.e.  $SSR = \text{production} / (\text{production} + \text{imports} - \text{exports} \pm \text{changes of stock})$ .

<sup>7</sup> Source: Statistics on agricultural markets 2014, DG AGRI. [http://ec.europa.eu/agriculture/markets-and-prices/market-statistics/index\\_en.htm](http://ec.europa.eu/agriculture/markets-and-prices/market-statistics/index_en.htm).

<sup>8</sup> CGF is a by-product of the starch industry, which is used as an animal feedstuff.

<sup>9</sup> The EU has also imported other maize processed products for feed, such as brans, sharps and other residues derived from milling (0.001 million tonnes) or maize oilcakes resulting from the extraction of maize germ oil (0.00004 million tonnes); however, since their quantities are negligible when compared with maize grain imports, these products have not been taken into account in this document.

<sup>10</sup> DDGS are a cereal by-product of the distillation process, namely from brewing or bio-ethanol industry. Maize-based DDGS are by-products of the bio-ethanol industry. The commodity code (CN, the official EU nomenclature for goods) for DDGS is 2303 30 00 (*Brewing or distilling dregs and waste*). In the last three years, the EU has imported the following quantities of DDGS: 0.23 million tonnes (Mt) (2012), 0.48 Mt (2013) and 0.64 Mt (2014).

<sup>11</sup> MON810.

<sup>12</sup> Source: Statistics on agricultural markets 2014, DG AGRI.

<sup>13</sup> The conversion factor applied between oilseed rape grain and meal is 0.58.

14. More than 6 million hectares of oilseed rape<sup>14</sup> are cultivated in the EU on a yearly basis, producing between 19 and 21 million tonnes of rapeseed (see Annex, Table 12).
15. The EU self-sufficiency ratio on rapeseed reaches about 85%<sup>15</sup>.
16. On average, the EU imported 0.054 million tonnes of **cottonseed** and 0.009 million tonnes of cottonseed meal in recent years (see Annex, Table 13). In total, this equals 0.76 million tonnes of cottonseed equivalent<sup>16</sup>.
17. The EU cultivates around 0.3 million hectares of cotton<sup>17</sup>, producing around 0.5 million tonnes of cottonseed per year<sup>18,19</sup>.

### 3. GM COMMODITIES IMPORTED INTO THE EU

18. Trade data do not differentiate between conventional and GM commodities. Therefore, the share of GMOs in a specific commodity can only be estimated. With a view to give an order of magnitude of GM imported commodities, rather than a precise figure, a rough estimate can be calculated based on the share of the GM planted area of the relevant crop in the exporting countries<sup>20</sup> (see Annex, Table 14).
19. Based on this rough estimate, in the last three years, the EU would import more than 30 million tonnes of **GM soybean** equivalent on a yearly basis (around 85% of total soybean equivalent imported into the EU), between 0.5 and 3 million tonnes of **GM maize** and between 0.15 and 0.60 million tonnes of GM corn gluten feed (i.e. around 5 to 25% of maize imports and between 70 to 85% of corn gluten feed imports), and less than 0.5 million tonnes of **GM rapeseed** equivalent (around 5 to 10% of total rapeseed equivalent imports)<sup>21,22</sup>.

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<sup>14</sup> European oilseed production is non GM. No GM oilseed rape event is authorised for cultivation in the EU.

<sup>15</sup> Source: Statistics on agricultural markets 2014, DG AGRI.

<sup>16</sup> The conversion factor applied between cottonseed and cottonseed meal is 0.45.

<sup>17</sup> European cotton production is non GM. No GM cotton event is authorised for cultivation in the EU.

<sup>18</sup> Source: DG AGRI, [http://ec.europa.eu/agriculture/cotton/index\\_en.htm](http://ec.europa.eu/agriculture/cotton/index_en.htm).

<sup>19</sup> No data is available on EU's self-sufficiency ratio on cottonseed.

<sup>20</sup> This estimate does not take into account, for instance, the fact that some GMOs cultivated in third countries cannot be imported into the EU because not having a EU authorisation, or the fact that GM and conventional consignments can be mixed, undifferentiated, and traded and labelled as GM. This estimate does not take into account market factors either, such as specific market demands of the importing countries (i.e. market demands for non-GM commodities and derivatives) or price premiums.

<sup>21</sup> Source: own calculations based on imports from third countries and their relevant GM planted area. This estimate, while rough, does work for total imports of the EU as an aggregate, but not for Member States individually. Given the high variability of the GM-free markets among Member States, importers can trade significant quantities of non-GMO commodities even from third countries where the non-GM area for the relevant commodity is small (e.g. non-GM soybeans from Brazil). Therefore, only approximate figures at EU level are given.

<sup>22</sup> No estimation on **GM cottonseed** is given due to the small quantities of cottonseed imported in the EU.

#### 4. NON-GM COMMODITIES IN THE EU

20. Quantitative data about markets for non-GM commodities is currently scarce. The only Commission available source on the use of non-GM products at EU and MS levels is the 2015 report *Markets for non-Genetically Modified, Identity-Preserved soybean in the EU*<sup>23</sup>, by the Joint Research Centre<sup>24</sup>.
21. According to the above-mentioned report, at least 10% of the soybean equivalent imported into the EU would be non-GM. This means that, at a minimum, the EU would import about 0.96 million tonnes of non-GM soybeans and 1.95 million tonnes of non-GM soymeal, i.e. about 3.4 million tonnes of non-GM soybean equivalent (see Annex, Table 15).

#### 5. EU DEPENDENCE ON IMPORTS OF PROTEIN-RICH CROPS

22. The EU is 70% dependent on imports of protein-rich crops (see Annex, Table 16)<sup>25</sup>.
23. The EU production of soybean, rape and sunflower seeds, as well as pulses and other legume crops, compensates to a limited extent the EU dependence on soybean and soymeal imports. For now the EU production of those products cannot on its own meet the EU protein demand for feed (see Annex, Tables 17 and 18).

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<sup>23</sup> It is worth noting that this study is based on data collected in 14 Member States, which concentrate 91% of the EU soybean equivalent imports, and takes account of extra-EU imports only, i.e. intra-EU exchanges are not considered, even if these exchanges are relevant in some EU countries (either for the compound feed industry or for on-farm mixing and use, which the study does not take into account). Therefore, even if the data obtained through this report should be treated as the best estimates given the available information, certain caution should be observed when drawing conclusions regarding the use of non-GM soybeans and meal within the EU, especially at Member State level.

<sup>24</sup> <http://publications.jrc.ec.europa.eu/repository/bitstream/JRC95457/report.pdf>.

<sup>25</sup> Source: EIP-AGRI Focus Group Protein Crops: final report.  
<http://ec.europa.eu/eip/agriculture/en/content/eip-agri-focus-group-protein-crops-final-report>.

## ANNEX

**TABLE 1**

### Soybeans and soymeal imports by Member States (tonnes)

	2012			2013			2014		
	soybeans	soymeal	total soybean equivalent (SOE) <sup>1</sup>	soybeans	soymeal	total soybean equivalent (SOE) <sup>1</sup>	soybeans	soymeal	total soybean equivalent (SOE) <sup>1</sup>
AT	2.986,40	4.058,90	<b>8.124,25</b>	13.338,70	4.632,00	<b>19.201,99</b>	9.675,80	2.279,90	<b>12.561,75</b>
BE	307.121,50	447.352,60	<b>873.390,61</b>	121.642,10	127.040,70	<b>282.453,11</b>	157.144,00	245.336,50	<b>467.696,53</b>
BG	60,40	704,00	<b>951,54</b>	4.611,00	1.189,20	<b>6.116,32</b>	906,80	1.593,30	<b>2.923,64</b>
CY	0,00	60.425,40	<b>76.487,85</b>	1,00	26.157,20	<b>33.111,38</b>	0,00	32.747,10	<b>41.452,03</b>
CZ	588,30	30.551,10	<b>39.260,58</b>	3.080,10	7.087,10	<b>12.051,11</b>	988,90	1.942,90	<b>3.448,27</b>
DE	2.289.371,70	1.786.804,40	<b>4.551.149,42</b>	2.432.972,90	1.525.287,70	<b>4.363.716,82</b>	2.477.771,30	1.570.433,10	<b>4.465.661,30</b>
DK	55.556,00	1.213.866,00	<b>1.592.095,24</b>	4.598,30	1.033.175,60	<b>1.312.415,52</b>	6.010,40	1.134.868,60	<b>1.442.552,93</b>
EE	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>
EL	248.439,90	248.242,60	<b>562.671,04</b>	270.429,60	255.662,00	<b>594.052,38</b>	267.581,80	254.932,80	<b>590.281,55</b>
ES	3.299.479,90	1.787.113,60	<b>5.561.649,01</b>	3.357.563,20	1.351.677,80	<b>5.068.547,76</b>	3.437.671,70	1.730.037,10	<b>5.627.592,08</b>
FI	5.566,70	29.036,20	<b>42.321,38</b>	38.507,80	41.001,90	<b>90.408,94</b>	38.825,00	45.866,80	<b>96.884,24</b>
FR	607.076,30	2.455.146,10	<b>3.714.856,17</b>	496.913,30	2.211.201,20	<b>3.295.902,16</b>	595.476,80	2.332.628,80	<b>3.548.171,48</b>
HR	1.250,30	150.169,00	<b>191.337,64</b>	6.306,90	97.236,80	<b>129.391,46</b>	433,20	98.835,60	<b>125.541,55</b>
HU	11.518,70	2.799,50	<b>15.062,37</b>	27.423,70	8.064,70	<b>37.632,18</b>	49.194,10	2.335,60	<b>52.150,56</b>
IE	5.787,50	326.699,40	<b>419.331,04</b>	6.533,80	330.888,90	<b>425.380,51</b>	4.084,00	326.766,60	<b>417.712,61</b>
IT	922.159,80	1.373.764,30	<b>2.661.101,95</b>	1.304.045,10	1.506.357,90	<b>3.210.827,25</b>	1.315.777,70	1.944.744,60	<b>3.777.479,73</b>
LT	3.725,50	48.017,40	<b>64.507,02</b>	8.892,60	31.954,60	<b>49.341,46</b>	7.679,10	55.895,20	<b>78.432,52</b>
LU	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>
LV	0,00	18.492,10	<b>23.407,72</b>	0,00	189.032,40	<b>239.281,52</b>	0,00	41.216,70	<b>52.173,04</b>
MT	947,00	0,00	<b>947,00</b>	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>
NL	2.738.027,80	4.805.705,40	<b>8.821.199,19</b>	3.296.480,40	4.706.357,10	<b>9.253.894,45</b>	3.011.881,20	4.471.648,50	<b>8.672.195,76</b>
PL	9.745,20	1.258.321,20	<b>1.602.556,85</b>	43.951,40	1.334.979,40	<b>1.733.798,74</b>	23.489,10	1.742.544,30	<b>2.229.241,38</b>
PT	604.421,60	199.373,50	<b>856.793,12</b>	769.060,20	74.440,10	<b>863.288,17</b>	710.277,90	75.064,00	<b>805.295,62</b>
RO	52.848,30	450.408,40	<b>622.985,52</b>	107.947,40	403.838,40	<b>619.135,25</b>	93.277,70	400.800,50	<b>600.620,11</b>
SE	4.786,30	215.519,90	<b>277.596,30</b>	7.131,80	219.250,80	<b>284.664,46</b>	6.400,30	198.160,60	<b>257.236,50</b>
SI	202.938,30	1.209.674,60	<b>1.734.171,97</b>	41.062,50	868.409,50	<b>1.140.315,03</b>	53.324,40	579.574,10	<b>786.962,50</b>
SK	97,50	75,10	<b>192,56</b>	143,20	156,20	<b>340,92</b>	1.185,10	1.243,50	<b>2.759,15</b>
UK	740.368,00	1.412.983,70	<b>2.528.954,96</b>	573.461,90	1.200.297,70	<b>2.092.826,08</b>	794.124,30	1.134.331,10	<b>2.229.986,45</b>
EU-28	12.114.868,90	19.535.304,50	<b>36.843.102,44</b>	12.936.098,80	17.555.376,70	<b>35.158.094,62</b>	13.063.180,50	18.425.827,90	<b>36.387.013,28</b>

<sup>1</sup> The conversion rate between soybeans and soybean meal used for this table is 0.79

Source: EUROSTAT

TABLE 2

Intra-EU trade of soybeans and soymeal<sup>1</sup> (tonnes)

	2012			2013			2014		
	soybeans	soymeal	total soybean equivalent (SOE) <sup>2</sup>	soybeans	soymeal	total soybean equivalent (SOE) <sup>2</sup>	soybeans	soymeal	total soybean equivalent (SOE) <sup>2</sup>
AT	96.251,50	427.248,80	<b>637.072,77</b>	84.586,40	441.258,00	<b>643.140,83</b>	89.212,40	475.960,10	<b>691.693,54</b>
BE	98.398,70	833.502,00	<b>1.153.464,52</b>	140.727,70	905.938,60	<b>1.287.485,42</b>	150.253,10	910.117,30	<b>1.302.300,32</b>
BG	563,40	103.651,70	<b>131.768,08</b>	554,30	107.937,60	<b>137.184,17</b>	295,50	114.650,90	<b>145.423,22</b>
CY	1,10	23.907,80	<b>30.264,14</b>	0,30	55.324,60	<b>70.031,44</b>	0,90	55.445,60	<b>70.185,20</b>
CZ	28.178,80	388.432,20	<b>519.865,13</b>	33.820,40	387.066,70	<b>523.778,25</b>	33.777,20	365.285,80	<b>496.164,29</b>
DE	1.157.417,80	1.685.510,30	<b>3.290.975,14</b>	1.204.351,90	1.422.040,60	<b>3.004.403,29</b>	1.240.376,20	1.207.919,90	<b>2.769.388,73</b>
DK	29.383,30	219.482,20	<b>307.208,87</b>	11.639,10	429.653,60	<b>555.504,42</b>	13.466,20	434.188,30	<b>563.071,64</b>
EE	2.776,80	30.773,20	<b>41.730,22</b>	2.482,60	35.997,60	<b>48.049,18</b>	1.938,20	37.702,80	<b>49.663,26</b>
EL	34.221,90	23.551,40	<b>64.033,80</b>	14.387,30	7.132,50	<b>23.415,78</b>	9.053,80	8.784,70	<b>20.173,67</b>
ES	13.503,90	14.448,20	<b>31.792,76</b>	35.653,00	25.787,30	<b>68.295,15</b>	23.554,10	67.595,40	<b>109.117,90</b>
FI	1.209,20	82.594,10	<b>105.758,69</b>	2.644,90	65.757,70	<b>85.882,49</b>	166,10	80.060,00	<b>101.507,87</b>
FR	39.542,00	812.593,80	<b>1.068.141,75</b>	29.314,50	841.780,80	<b>1.094.859,82</b>	105.010,90	844.351,40	<b>1.173.810,14</b>
HR	262,90	1.564,10	<b>2.242,77</b>	1.325,50	34.071,70	<b>44.454,23</b>	562,40	79.532,50	<b>101.236,45</b>
HU	15.603,70	546.907,90	<b>707.892,18</b>	18.467,60	457.592,60	<b>597.698,74</b>	69.261,90	386.763,30	<b>558.835,70</b>
IE	3.791,90	46.877,80	<b>63.130,89</b>	10.293,10	85.253,50	<b>118.208,92</b>	7.474,60	108.320,00	<b>144.588,52</b>
IT	281.056,90	590.710,20	<b>1.028.791,33</b>	83.615,10	291.137,90	<b>452.144,09</b>	64.465,40	122.273,70	<b>219.242,24</b>
LT	34,60	85.112,40	<b>107.771,82</b>	618,40	91.052,90	<b>115.875,24</b>	23,10	90.092,70	<b>114.064,49</b>
LU	651,90	16.064,40	<b>20.986,58</b>	10,70	18.038,40	<b>22.844,12</b>	210,70	14.664,30	<b>18.773,11</b>
LV	17.926,60	92.577,50	<b>135.113,31</b>	3.386,70	55.572,90	<b>73.732,14</b>	2.913,50	69.869,90	<b>91.356,41</b>
MT	81,90	16.128,40	<b>20.497,60</b>	55,50	14.254,40	<b>18.099,04</b>	467,10	13.395,70	<b>17.423,68</b>
NL	84.236,00	227.372,90	<b>372.049,80</b>	46.890,70	287.592,60	<b>410.931,97</b>	58.554,30	198.714,50	<b>310.091,64</b>
PL	8.804,10	635.958,80	<b>813.815,24</b>	9.685,70	325.244,60	<b>421.387,73</b>	9.939,70	213.004,10	<b>279.565,14</b>
PT	6.045,70	16.817,50	<b>27.333,67</b>	12.796,90	24.890,30	<b>44.303,61</b>	24.835,00	75.610,80	<b>120.544,87</b>
RO	7.778,70	31.154,20	<b>47.214,40</b>	7.163,80	59.892,00	<b>82.976,46</b>	6.683,70	56.359,70	<b>78.025,09</b>
SE	9.952,30	19.288,10	<b>34.367,62</b>	14.583,80	30.263,60	<b>52.892,15</b>	14.634,00	19.782,00	<b>39.674,51</b>
SI	2.513,30	21.890,10	<b>30.222,29</b>	3.179,50	19.982,20	<b>28.473,42</b>	3.177,80	19.051,80	<b>27.294,00</b>
SK	24.186,40	92.323,60	<b>141.051,72</b>	18.088,30	64.242,00	<b>99.407,29</b>	32.611,60	78.089,40	<b>131.458,94</b>
UK	46.806,40	346.131,50	<b>484.947,54</b>	58.070,70	547.031,70	<b>750.515,89</b>	23.272,00	713.021,20	<b>925.830,48</b>
EU-28	2.011.181,70	7.432.575,10	<b>11.419.504,61</b>	1.848.394,40	7.131.788,90	<b>10.875.975,29</b>	1.986.191,40	6.860.607,80	<b>10.670.505,07</b>

<sup>1</sup> Quantities declared by MS **entering** from other MS

<sup>2</sup> The conversion rate between soybeans and soybean meal used for this table is 0.79

Source: EUROSTAT



**TABLE 3**

	<b>EU cultivated area and production of soybeans (ha, tonnes)</b>					
	<b>2012</b>		<b>2013</b>		<b>2014</b>	
	area	production	area	production	area	production
AT	37.100	104.100	42.000	82.800	43.800	135.800
BE						
BG	200	200	300	600	300	700
CY						
CZ	5.700	13.100	6.500	13.500	7.200	16.500
DE						
DK						
EE						
EL	100	400	100	400	300	1.000
ES	500	1.300	500	1.400	800	2.700
FI						
FR	37.500	104.200	43.000	110.300	76.000	227.000
HR	54.100	96.700	47.900	113.100	47.100	131.100
HU	40.900	67.700	42.300	78.800	42.900	114.100
IE						
IT	153.000	422.100	184.500	624.800	232.900	933.100
LT	2.600	1.800	1.400	1.500	2.100	1.700
LU						
LV						
MT						
NL						
PL	900	1.500	0	0	300	400
PT						
RO	75.800	102.300	67.400	149.900	79.500	203.300
SE						
SI	100	300	300	500	404	1.046
SK	21.900	41.800	29.200	39.600	33.227	83.905
UK						
<b>EU-28</b>	<b>430.400</b>	<b>957.500</b>	<b>465.400</b>	<b>1.217.200</b>	<b>566.831</b>	<b>1.852.351</b>

Source: Statistics on agricultural markets 2014, DG AGRI; Short-term outlook 2015, DG AGRI

**TABLE 4.1****MS balance on soybean equivalent (2012, tonnes)**

	imports	Exports	intra-EU trade		soybean crop production	Balance <sup>2</sup>
			In	Out <sup>1</sup>		
AT	8.124,25	3.707,28	637.072,77	121.737,51	104.100,00	<b>623.852,22</b>
BE	873.390,61	32.259,87	1.153.464,52	876.076,11	0,00	<b>1.118.519,16</b>
BG	951,54	1.874,94	131.768,08	5.818,98	200,00	<b>125.225,71</b>
CY	76.487,85	0,00	30.264,14	0,00	0,00	<b>106.751,99</b>
CZ	39.260,58	0,00	519.865,13	31.396,25	13.100,00	<b>540.829,46</b>
DE	4.551.149,42	483.867,50	3.290.975,14	1.540.507,82	0,00	<b>5.817.749,24</b>
DK	1.592.095,24	18.409,86	307.208,87	94.076,90	0,00	<b>1.786.817,34</b>
EE	0,00	0,00	41.730,22	3.845,79	0,00	<b>37.884,43</b>
EL	562.671,04	33.168,73	64.033,80	9.736,20	400,00	<b>584.199,90</b>
ES	5.561.649,01	377.355,23	31.792,76	393.534,61	1.300,00	<b>4.823.851,93</b>
FI	42.321,38	0,00	105.758,69	0,00	0,00	<b>148.080,08</b>
FR	3.714.856,17	29.511,23	1.068.141,75	112.446,07	104.200,00	<b>4.745.240,62</b>
HR	191.337,64	39.199,45	2.242,77	24.818,30	96.700,00	<b>226.262,67</b>
HU	15.062,37	11.291,37	707.892,18	59.845,41	67.700,00	<b>719.517,77</b>
IE	419.331,04	0,00	63.130,89	2.635,47	0,00	<b>479.826,46</b>
IT	2.661.101,95	29.874,86	1.028.791,33	157.389,39	422.100,00	<b>3.924.729,03</b>
LT	64.507,02	13.033,42	107.771,82	44.143,14	1.800,00	<b>116.902,28</b>
LU	0,00	0,00	20.986,58	6.472,81	0,00	<b>14.513,77</b>
LV	23.407,72	20.747,66	135.113,31	30.996,10	0,00	<b>106.777,27</b>
MT	947,00	0,00	20.497,60	0,00	0,00	<b>21.444,60</b>
NL	8.821.199,19	89.574,83	372.049,80	6.822.028,36	0,00	<b>2.281.645,80</b>
PL	1.602.556,85	2.157,32	813.815,24	90.915,68	1.500,00	<b>2.324.799,09</b>
PT	856.793,12	1.856,12	27.333,67	59.695,41	0,00	<b>822.575,27</b>
RO	622.985,52	52.013,44	47.214,40	169.151,83	102.300,00	<b>551.334,63</b>
SE	277.596,30	95,50	34.367,62	62,72	0,00	<b>311.805,70</b>
SI	1.734.171,97	1.925,36	30.222,29	1.633.194,16	300,00	<b>129.574,74</b>
SK	192,56	124,30	141.051,72	26.906,61	41.800,00	<b>156.013,37</b>
UK	2.528.954,96	5.056,55	484.947,54	57.317,34	0,00	<b>2.951.528,61</b>
EU-28	36.843.102,44	1.247.104,79			957.500,00	<b>36.553.497,66</b>

<sup>1</sup> Quantities declared by MS sent out to other MS

<sup>2</sup> MS Balance= crop production + imports - exports + (intra-EU/in - intra EU/out). EU Balance=EU production + EU imports - EU exports. MS declarations regarding EU internal exchanges do not perfectly match between them, i.e. the quantity that country A declares having imported/exported from/to country B might not match the declaration of country B regarding exports/imports to/from country A; due to this reason, in this table, the sum of all MS balances differs from the EU Balance in 2.6%.

**TABLE 4.2**
**MS balance on soybean equivalent (2013, tonnes)**

	imports	Exports	intra-EU trade		soybean crop production	Balance <sup>2</sup>
			In	Out <sup>1</sup>		
AT	19.201,99	2.757,35	643.140,83	117.404,15	82.800,00	<b>624.981,32</b>
BE	282.453,11	21.911,04	1.287.485,42	695.335,83	0,00	<b>852.691,67</b>
BG	6.116,32	3.795,52	137.184,17	3.193,16	600,00	<b>136.911,81</b>
CY	33.111,38	0,00	70.031,44	0,00	0,00	<b>103.142,82</b>
CZ	12.051,11	198,70	523.778,25	26.546,53	13.500,00	<b>522.584,13</b>
DE	4.363.716,82	124.375,45	3.004.403,29	1.753.986,44	0,00	<b>5.489.758,22</b>
DK	1.312.415,52	13.760,75	555.504,42	108.564,74	0,00	<b>1.745.594,44</b>
EE	0,00	0,00	48.049,18	2.125,60	0,00	<b>45.923,58</b>
EL	594.052,38	40.940,25	23.415,78	18.968,55	400,00	<b>557.959,36</b>
ES	5.068.547,76	133.481,45	68.295,15	445.398,00	1.400,00	<b>4.559.363,45</b>
FI	90.408,94	0,00	85.882,49	60,76	0,00	<b>176.230,67</b>
FR	3.295.902,16	20.137,87	1.094.859,82	128.367,24	110.300,00	<b>4.352.556,86</b>
HR	129.391,46	21.562,14	44.454,23	35.600,20	113.100,00	<b>229.783,35</b>
HU	37.632,18	12.497,89	597.698,74	71.969,68	78.800,00	<b>629.663,35</b>
IE	425.380,51	0,00	118.208,92	7.018,60	0,00	<b>536.570,83</b>
IT	3.210.827,25	36.467,56	452.144,09	179.182,69	624.800,00	<b>4.072.121,09</b>
LT	49.341,46	18.834,65	115.875,24	13.432,17	1.500,00	<b>134.449,88</b>
LU	0,00	0,00	22.844,12	6.810,76	0,00	<b>16.033,36</b>
LV	239.281,52	9.103,67	73.732,14	215.447,17	0,00	<b>88.462,82</b>
MT	0,00	0,00	18.099,04	0,00	0,00	<b>18.099,04</b>
NL	9.253.894,45	57.420,52	410.931,97	6.781.264,78	0,00	<b>2.826.141,12</b>
PL	1.733.798,74	9.285,04	421.387,73	73.504,66	0,00	<b>2.072.396,77</b>
PT	863.288,17	2.959,98	44.303,61	86.417,70	0,00	<b>818.214,10</b>
RO	619.135,25	33.567,40	82.976,46	151.739,16	149.900,00	<b>666.705,15</b>
SE	284.664,46	6,90	52.892,15	223,10	0,00	<b>337.326,61</b>
SI	1.140.315,03	7.529,82	28.473,42	1.083.082,63	500,00	<b>78.676,00</b>
SK	340,92	50,02	99.407,29	43.624,90	39.600,00	<b>95.673,29</b>
UK	2.092.826,08	326,37	750.515,89	80.155,66	0,00	<b>2.762.859,93</b>
<b>EU-28</b>	<b>35.158.094,62</b>	<b>570.970,27</b>			<b>1.217.200,00</b>	<b>35.804.324,35</b>

<sup>1</sup> Quantities declared by MS sent out to other MS

<sup>2</sup> MS Balance= crop production + imports - exports + (intra-EU/in - intra EU/out). EU Balance=EU production + EU imports - EU exports. MS declarations regarding EU internal exchanges do not perfectly match between them, i.e. the quantity that country A declares having imported/exported from/to country B might not match the declaration of country B regarding exports/imports to/from country A; due to this reason, in this table, the sum of all MS balances differs from the EU Balance in 3.5%.

**TABLE 4.3**
**MS balance on soybean equivalent (2014, tonnes)**

	imports	Exports	intra-EU trade		soybean crop production	Balance <sup>2</sup>
			In	Out <sup>1</sup>		
AT	12.561,75	5.265,39	691.693,54	167.658,58	135.800,00	<b>667.131,31</b>
BE	467.696,53	19.079,38	1.302.300,32	685.089,24	0,00	<b>1.065.828,23</b>
BG	2.923,64	49,87	145.423,22	5.032,70	700,00	<b>143.964,29</b>
CY	41.452,03	0,00	70.185,20	0,00	0,00	<b>111.637,23</b>
CZ	3.448,27	1,40	496.164,29	23.113,82	16.500,00	<b>492.997,33</b>
DE	4.465.661,30	72.981,16	2.769.388,73	1.747.727,55	0,00	<b>5.414.341,32</b>
DK	1.442.552,93	11.863,66	563.071,64	87.328,65	0,00	<b>1.906.432,27</b>
EE	0,00	543,04	49.663,26	10.857,15	0,00	<b>38.263,08</b>
EL	590.281,55	37.388,33	20.173,67	13.710,23	1.000,00	<b>560.356,67</b>
ES	5.627.592,08	9.042,45	109.117,90	528.576,27	2.700,00	<b>5.201.791,27</b>
FI	96.884,24	3.025,67	101.507,87	0,25	0,00	<b>195.366,19</b>
FR	3.548.171,48	10.920,92	1.173.810,14	303.395,55	227.000,00	<b>4.634.665,16</b>
HR	125.541,55	45.459,93	101.236,45	51.382,33	131.100,00	<b>261.035,75</b>
HU	52.150,56	12.757,61	558.835,70	103.263,52	114.100,00	<b>609.065,13</b>
IE	417.712,61	0,00	144.588,52	3.733,71	0,00	<b>558.567,42</b>
IT	3.777.479,73	19.862,57	219.242,24	211.034,57	933.100,00	<b>4.698.924,82</b>
LT	78.432,52	6.836,77	114.064,49	38.757,64	1.700,00	<b>148.602,59</b>
LU	0,00	0,60	18.773,11	6.170,90	0,00	<b>12.601,61</b>
LV	52.173,04	30.049,11	91.356,41	47.273,39	0,00	<b>66.206,95</b>
MT	0,00	0,00	17.423,68	0,00	0,00	<b>17.423,68</b>
NL	8.672.195,76	114.819,26	310.091,64	6.251.537,30	0,00	<b>2.615.930,84</b>
PL	2.229.241,38	11.378,55	279.565,14	88.768,33	400,00	<b>2.409.059,63</b>
PT	805.295,62	7.149,50	120.544,87	59.087,92	0,00	<b>859.603,08</b>
RO	600.620,11	37.553,70	78.025,09	177.637,81	203.300,00	<b>666.753,69</b>
SE	257.236,50	23,10	39.674,51	2.792,59	0,00	<b>294.095,32</b>
SI	786.962,50	1.006,91	27.294,00	695.586,39	1.046,00	<b>118.709,21</b>
SK	2.759,15	37,08	131.458,94	62.530,47	83.905,00	<b>155.555,54</b>
UK	2.229.986,45	877,08	925.830,48	43.635,73	0,00	<b>3.111.304,13</b>
EU-28	36.387.013,28	457.973,02			1.852.351,00	<b>37.781.391,26</b>

<sup>1</sup> Quantities declared by MS sent out to other MS

<sup>2</sup> MS Balance= crop production + imports - exports + (intra-EU/in - intra EU/out). EU Balance=EU production + EU imports - EU exports. MS declarations regarding EU internal exchanges do not perfectly match between them, i.e. the quantity that country A declares having imported/exported from/to country B might not match the declaration of country B regarding exports/imports to/from country A; due to this reason, in this table, the sum of all MS balances differs from the EU Balance in 2.0%.

**TABLE 5****Maize imports by Member States (tonnes)**

	2012	2013	2014
AT	940,40	50.838,60	97.742,80
BE	343.054,90	312.355,20	540.891,20
BG	10.087,80	2.231,90	6.019,20
CY	61.815,70	78.047,10	112.159,70
CZ	2.910,30	3.126,60	3.508,60
DE	185.703,10	347.216,30	683.082,60
DK	14.262,50	131.411,40	127.951,50
EE	8.518,60	13.824,80	9.987,10
EL	111.768,10	107.261,40	149.185,10
ES	3.903.728,80	3.738.390,30	4.086.355,20
FI	193,10	2.287,50	4.842,80
FR	36.036,30	101.787,10	115.720,40
HR	5.182,20	18.845,40	47.971,40
HU	17.585,50	20.260,00	76.357,80
IE	30.148,90	394.775,00	538.607,20
IT	755.989,00	1.510.317,30	1.700.268,60
LT	76.731,30	145.488,20	146.229,80
LU	0,00		
LV	8.668,30	16.727,70	23.033,30
MT	24.632,10	2.041,80	3.637,50
NL	952.224,20	1.811.816,30	3.128.466,40
PL	112.429,40	166.182,10	149.859,40
PT	1.252.044,10	1.334.870,20	1.258.736,50
RO	17.346,80	13.124,20	32.750,90
SE	2.964,90	2.549,00	5.308,60
SI	63.660,00	68.883,20	189.079,90
SK	143,00	1.551,30	101,90
UK	399185,9	740728,8	987696,2
<b>EU-28</b>	<b>8.397.956,40</b>	<b>11.136.940,50</b>	<b>14.225.551,60</b>

Source: EUROSTAT

**TABLE 6****Corn Gluten Feed imports by Member States (tonnes)**

	2012	2013	2014
AT	0,00	0,50	0,50
BE	3,10	29,40	17,10
BG	0,10	0,00	0,00
CY	0,00	0,00	2.872,60
CZ	16,00	0,00	0,00
DE	0,00	2,60	108.745,70
DK	126,80	5.007,10	7.305,60
EE	0,00	0,00	0,00
EL	1.296,00	553,60	837,10
ES	17.696,10	28.689,10	22.843,00
FI	0,00	0,60	0,00
FR	1,90	0,80	16,00
HR	1.226,20	638,20	833,70
HU	0,00	22,60	0,00
IE	144.829,70	314.588,10	318.731,10
IT	0,00	95,00	68,00
LT	2.289,80	1.038,80	0,00
LU	0,00	0,00	0,00
LV	236,00	0,00	0,00
MT	0,00	0,00	0,00
NL	307,90	42,90	1,00
PL	0,00	24,00	0,00
PT	16.185,60	35.934,00	36.232,60
RO	0,00	0,00	0,00
SE	0,00	0,00	0,10
SI	0,00	0,00	0,00
SK	24,00	44,20	21,00
UK	20.172,80	58.435,10	192.423,10
<b>EU-28</b>	<b>204.411,90</b>	<b>445.146,60</b>	<b>690.948,30</b>

Source: EUROSTAT

**TABLE 7****Intra-EU trade of maize<sup>1</sup> (tonnes)**

	2012	2013	2014
AT	631.572,70	891.025,90	854.411,40
BE	1.466.673,60	1.206.343,80	1.186.318,40
BG	82.902,90	38.562,20	24.317,40
CY	129.899,60	92.464,30	122.038,50
CZ	143.725,50	105.972,70	141.726,30
DE	2.090.906,40	1.900.123,50	2.468.312,80
DK	126.737,50	128.269,90	142.486,20
EE	11.024,30	17.712,70	17.667,70
EL	134.180,30	292.794,80	249.301,70
ES	2.346.027,30	1.918.096,10	2.279.513,50
FI	2.627,50	1.321,60	2.610,00
FR	410.452,50	455.338,90	509.586,50
HR	10.649,10	6.820,00	7.112,70
HU	130.469,40	122.601,20	167.038,10
IE	429.669,50	405.801,30	413.563,70
IT	1.919.922,70	2.498.293,80	2.924.623,80
LT	10.562,40	6.323,00	8.861,60
LU	9.434,70	11.973,50	11.821,30
LV	11.812,20	14.968,10	15.774,50
MT	19.466,50	62.164,60	40.734,40
NL	3.102.550,20	2.488.497,80	2.264.386,60
PL	394.711,50	123.557,10	201.955,70
PT	442.784,60	326.449,30	538.927,30
RO	691.283,80	293.442,20	452.804,30
SE	32.834,00	30.997,50	29.378,70
SI	155.509,20	182.969,30	172.987,30
SK	118.542,80	67.122,10	133.734,80
UK	910.460,70	1.357.844,60	1.219.045,50
<b>EU-28</b>	<b>15.967.393,40</b>	<b>15.047.851,80</b>	<b>16.601.040,70</b>

<sup>1</sup> Quantities declared by MS entering from other MS

Source: EUROSTAT

**TABLE 8****Intra-EU trade of corn gluten feed<sup>1</sup> (tonnes)**

	2012	2013	2014
AT	3.819,50	5.234,10	6.162,40
BE	141.121,60	143.084,60	151.061,30
BG	166,00	465,40	1.289,70
CY	3.532,50	7,70	2.937,40
CZ	7.241,90	8.216,90	10.134,70
DE	143.966,30	146.800,50	145.217,50
DK	38.037,60	42.610,80	35.131,90
EE	2.880,90	3.172,50	1.928,30
EL	17.303,10	19.340,80	16.164,70
ES	15.707,00	14.752,00	15.959,20
FI	593,00	1.253,60	4.042,20
FR	90.773,00	94.454,10	84.854,00
HR	12.781,80	10.316,10	9.116,70
HU	2.072,20	6.611,80	7.795,00
IE	54.174,50	81.583,70	67.256,30
IT	57.104,50	54.269,50	53.325,10
LT	592,30	572,80	1.809,70
LU	1.255,30	1.231,20	2.259,20
LV	401,10	237,40	1.785,90
MT	62,90	10,50	72,50
NL	938.069,10	1.002.079,30	784.806,10
PL	36.632,70	26.360,80	25.130,10
PT	16.927,40	15.919,40	20.513,50
RO	13.935,80	7.606,70	6.047,70
SE	3.990,80	4.595,00	5.886,20
SI	10.208,20	9.774,50	11.033,40
SK	4.681,10	6.958,70	12.096,70
UK	135.153,90	251.250,40	199.000,40
<b>EU-28</b>	<b>1.753.186,00</b>	<b>1.958.770,80</b>	<b>1.682.817,80</b>

<sup>1</sup> Quantities declared by MS entering from other MS

Source: EUROSTAT



**TABLE 9**

	<b>EU cultivated area and production of maize (ha, tonnes)</b>					
	<b>2012</b>		<b>2013</b>		<b>2014</b>	
	area	production	area	production	area	production
AT	219.700	2.351.400	201.900	1.639.000	216.300	2.334.000
BE	67.200	733.600	74.200	837.600	63.100	662.700
BG	466.800	1.717.800	428.300	2.738.700	408.200	3.136.200
CY						
CZ	119.300	928.100	96.900	675.400	98.700	832.200
DE	526.200	5.514.700	497.000	4.387.300	481.300	5.142.700
DK	12.900	75.100	12.800	75.700	10.100	72.900
EE						
EL	181.800	1.928.898	175.600	2.040.200	181.400	2.169.900
ES	390.900	4.234.600	442.300	4.888.500	417.500	4.692.000
FI						
FR	1.719.099	15.320.000	1.839.800	15.031.100	1.755.000	18.660.000
HR	309.200	1.341.300	288.400	1.874.400	259.000	2.100.000
HU	1.190.000	4.741.500	1.242.600	6.756.400	1.185.000	9.168.800
IE						
IT	980.500	8.194.600	808.300	6.503.200	869.900	9.239.500
LT	12.900	78.800	17.200	126.800	19.000	115.000
LU	200	1.600	200	2.200	200	1.700
LV						
MT						
NL	21.000	245.000	21.000	253.000	17.500	228.500
PL	543.800	3.995.900	614.300	4.039.700	678.200	4.468.400
PT	100.000	831.700	111.800	929.500	110.600	933.100
RO	2.748.300	5.949.300	2.515.500	11.305.100	2.550.000	12.040.500
SE	1.680	10.900	1.300	7.400	1.700	11.100
SI	38.800	272.000	41.900	226.600	38.000	348.100
SK	212.300	1.170.400	221.500	1.123.300	216.186	1.814.113
UK	5.000	23.000	0	0	6.000	26.000
<b>EU-28</b>	<b>9.867.579</b>	<b>59.660.198</b>	<b>9.652.800</b>	<b>65.461.100</b>	<b>9.582.886</b>	<b>78.197.413</b>

Source: Statistics on agricultural markets 2014, DG AGRI; Short-term outlook 2015, DG AGRI

**TABLE 10**
**Rapeseed and rapeseed meal imports by Member States (tonnes)**

	2012			2013			2014		
	rapeseed	rapeseed meal	total rapeseed equivalent <sup>1</sup>	rapeseed	rapeseed meal	total rapeseed equivalent <sup>1</sup>	rapeseed	rapeseed meal	total rapeseed equivalent <sup>1</sup>
AT	3.755,60	149,10	<b>4.012,67</b>	5.902,30	0,00	<b>5.902,30</b>	914,90	0,00	<b>914,90</b>
BE	1.085.331,60	11,60	<b>1.085.351,60</b>	1.058.862,50	0,00	<b>1.058.862,50</b>	1.140.278,80	0,00	<b>1.140.278,80</b>
BG	3.140,30	0,00	<b>3.140,30</b>	3.294,00	0,00	<b>3.294,00</b>	415,80	0,00	<b>415,80</b>
CY	0,90	0,00	<b>0,90</b>	0,00	0,00	<b>0,00</b>	0,00	1.549,40	<b>2.671,38</b>
CZ	0,00	0,00	<b>0,00</b>	20,10	0,00	<b>20,10</b>	0,00	0,00	<b>0,00</b>
DE	432.479,70	30.423,90	<b>484.934,70</b>	510.867,10	56.002,30	<b>607.422,79</b>	157.273,80	53.007,90	<b>248.666,73</b>
DK	73.673,90	59.414,90	<b>176.113,38</b>	3.370,20	41.550,20	<b>75.008,48</b>	0,00	57.959,10	<b>99.929,48</b>
EE	1.579,30	26.487,10	<b>47.246,71</b>	7.630,00	27.800,10	<b>55.561,21</b>	2.547,30	34.051,80	<b>61.257,30</b>
EL	7.546,90	0,00	<b>7.546,90</b>	18.182,30	0,00	<b>18.182,30</b>	9.696,20	49,80	<b>9.782,06</b>
ES	18,00	50.073,90	<b>86.352,31</b>	20,20	131.712,90	<b>227.111,41</b>	109,90	61.815,40	<b>106.688,18</b>
FI	29.505,10	19.766,20	<b>63.584,76</b>	11.756,20	43.814,40	<b>87.298,27</b>	6.651,90	90.719,40	<b>163.064,66</b>
FR	395.854,70	3.805,70	<b>402.416,25</b>	843.755,10	16.798,20	<b>872.717,51</b>	702.511,50	0,00	<b>702.511,50</b>
HR	76,40	3.926,80	<b>6.846,74</b>	152,20	5.273,10	<b>9.243,75</b>	1.117,90	2.778,70	<b>5.908,76</b>
HU	19.694,80	0,00	<b>19.694,80</b>	7.405,50	808,90	<b>8.800,16</b>	1.793,00	506,40	<b>2.666,10</b>
IE	3.113,30	44.403,70	<b>79.671,40</b>	0,00	36.366,20	<b>62.700,34</b>	0,00	0,00	<b>0,00</b>
IT	38.508,00	159,40	<b>38.782,83</b>	186,30	3.927,90	<b>6.958,54</b>	279,60	2.988,70	<b>5.432,53</b>
LT	136,20	19.459,30	<b>33.686,72</b>	165,20	35.670,40	<b>61.665,89</b>	1.978,40	42.616,80	<b>75.455,64</b>
LU	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>
LV	33.293,80	9.495,70	<b>49.665,70</b>	14.980,90	19.329,60	<b>48.307,80</b>	38.212,70	14.443,50	<b>63.115,29</b>
MT	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>
NL	902.237,90	5.492,60	<b>911.707,90</b>	1.095.687,90	0,20	<b>1.095.688,24</b>	664.756,30	0,00	<b>664.756,30</b>
PL	343.037,10	2.253,40	<b>346.922,27</b>	131.557,80	15.060,80	<b>157.524,70</b>	137.790,10	29.784,90	<b>189.143,38</b>
PT	150.256,40	0,00	<b>150.256,40</b>	98.728,20	0,00	<b>98.728,20</b>	186.655,60	0,00	<b>186.655,60</b>
RO	590,60	0,00	<b>590,60</b>	99,60	0,00	<b>99,60</b>	4.502,60	0,00	<b>4.502,60</b>
SE	3.195,20	9.219,40	<b>19.090,72</b>	0,00	25.313,60	<b>43.644,14</b>	1.575,90	60.032,90	<b>105.080,90</b>
SI	3.088,50	2.601,20	<b>7.573,33</b>	3.001,80	1.761,90	<b>6.039,56</b>	0,00	8.489,50	<b>14.637,07</b>
SK	1.107,80	0,00	<b>1.107,80</b>	0,00	0,00	<b>0,00</b>	0,00	0,00	<b>0,00</b>
UK	2,10	1338,3	<b>2.309,51</b>	29332,6	13467,2	<b>52.551,91</b>	9.958,60	12.349,60	<b>31.251,01</b>
EU-28	3.531.224,20	288.482,20	<b>4.028.607,30</b>	3.844.958,00	474.658,10	<b>4.663.334,03</b>	3.069.021,00	473.143,80	<b>3.884.786,17</b>

<sup>1</sup> The conversion rate between soybeans and soybean meal used for this table is 0.58

Source: EUROSTAT

TABLE 11

Intra-EU trade of rapeseed and rapeseed meal<sup>1</sup> (tonnes)

	2012			2013			2014		
	rapeseed	rapeseed meal	total rapeseed equivalent <sup>1</sup>	rapeseed	rapeseed meal	total rapeseed equivalent <sup>1</sup>	rapeseed	rapeseed meal	total rapeseed equivalent <sup>1</sup>
AT	212.454,10	69.159,00	<b>331.693,76</b>	245.829,30	76.863,30	<b>378.352,23</b>	238.328,50	91.494,00	<b>396.076,78</b>
BE	1.241.677,10	110.437,50	<b>1.432.086,58</b>	920.721,50	105.998,00	<b>1.103.476,67</b>	1.529.986,20	91.183,00	<b>1.687.198,27</b>
BG	108,80	610,10	<b>1.160,70</b>	549,60	851,50	<b>2.017,70</b>	11.993,50	2.940,40	<b>17.063,16</b>
CY	4,90	0,00	<b>4,90</b>	3,30	1.650,00	<b>2.848,13</b>	0,00	434,10	<b>748,45</b>
CZ	178.353,60	37.902,50	<b>243.702,74</b>	143.559,10	49.293,20	<b>228.547,38</b>	92.738,50	50.059,90	<b>179.048,67</b>
DE	3.709.369,10	382.126,60	<b>4.368.208,07</b>	4.102.243,70	483.521,60	<b>4.935.901,63</b>	4.297.261,50	414.387,50	<b>5.011.722,71</b>
DK	138.060,80	213.220,20	<b>505.681,83</b>	64.026,00	286.173,80	<b>557.429,10</b>	81.943,10	199.933,60	<b>426.656,20</b>
EE	2.910,50	17.591,70	<b>33.241,02</b>	5.533,20	6.079,90	<b>16.015,79</b>	17.408,00	2.400,90	<b>21.547,48</b>
EL	278,50	3.595,40	<b>6.477,47</b>	297,20	979,90	<b>1.986,68</b>	3.172,90	1.480,50	<b>5.725,49</b>
ES	42.231,20	686.001,90	<b>1.224.993,10</b>	25.485,40	695.124,50	<b>1.223.975,92</b>	29.975,80	749.544,40	<b>1.322.293,73</b>
FI	130.584,40	147.375,60	<b>384.680,26</b>	107.082,90	176.474,40	<b>411.349,11</b>	74.667,30	179.845,50	<b>384.745,75</b>
FR	73.961,00	399.750,40	<b>763.185,83</b>	254.907,00	576.797,30	<b>1.249.385,10</b>	230.333,70	519.373,80	<b>1.125.805,77</b>
HR	1.771,80	4.816,80	<b>10.076,63</b>	418,50	9.489,50	<b>16.779,71</b>	186,20	9.936,00	<b>17.317,23</b>
HU	72.043,40	35.800,10	<b>133.767,71</b>	127.027,60	34.589,30	<b>186.664,32</b>	88.992,00	41.709,10	<b>160.904,24</b>
IE	5.357,30	229.367,40	<b>400.818,33</b>	588,20	252.881,10	<b>436.590,10</b>	3.505,30	201.209,70	<b>350.418,58</b>
IT	17.775,60	56.949,40	<b>115.964,22</b>	44.227,30	98.702,00	<b>214.403,16</b>	32.092,80	143.276,10	<b>279.120,56</b>
LT	3.418,10	4.998,30	<b>12.035,86</b>	4.370,50	5.179,30	<b>13.300,33</b>	2.104,10	7.229,00	<b>14.567,89</b>
LU	318,10	9.657,70	<b>16.969,31</b>	306,70	12.219,00	<b>21.373,94</b>	566,10	10.961,10	<b>19.464,55</b>
LV	46.545,00	14.885,90	<b>72.210,34</b>	57.215,00	15.479,50	<b>83.903,79</b>	48.631,50	12.903,50	<b>70.878,91</b>
MT	34,50	19,30	<b>67,78</b>	10,10	0,00	<b>10,10</b>	30,10	0,00	<b>30,10</b>
NL	832.026,30	1.103.041,50	<b>2.733.821,99</b>	566.759,40	1.128.743,90	<b>2.512.869,57</b>	757.908,40	1.263.289,60	<b>2.935.993,92</b>
PL	138.642,10	21.547,70	<b>175.793,31</b>	84.039,50	45.989,80	<b>163.332,26</b>	49.461,20	41.220,30	<b>120.530,68</b>
PT	37.428,90	85.623,00	<b>185.054,76</b>	52.705,80	69.231,30	<b>172.070,11</b>	124.552,80	76.943,00	<b>257.213,14</b>
RO	56.073,70	3.148,60	<b>61.502,32</b>	24.833,80	3.865,00	<b>31.497,59</b>	31.465,40	1.291,70	<b>33.692,47</b>
SE	46.495,60	74.851,60	<b>175.550,08</b>	15.670,90	87.698,90	<b>166.875,90</b>	23.812,80	67.805,10	<b>140.718,14</b>
SI	48,90	18.272,00	<b>31.552,35</b>	29,30	18.441,20	<b>31.824,47</b>	180,80	20.318,60	<b>35.212,87</b>
SK	121.943,00	16.375,50	<b>150.176,62</b>	16.223,70	12.652,60	<b>38.038,53</b>	32.508,70	13.842,50	<b>56.375,08</b>
UK	16.689,60	212.316,10	<b>382.751,84</b>	146.220,20	258.706,50	<b>592.265,89</b>	72.038,30	208.295,20	<b>431.167,96</b>
EU-28	7.126.605,90	3.959.441,80	<b>13.953.229,69</b>	7.010.884,70	4.513.676,30	<b>14.793.085,22</b>	7.875.845,50	4.423.308,10	<b>15.502.238,78</b>

<sup>1</sup> Quantities declared by MS **entering** from other MS

<sup>2</sup> The conversion rate between soybeans and soybean meal used for this table is 0.58

Source: EUROSTAT

TABLE 12

## EU cultivated area and production of oilseed rape (ha, tonnes)

	2012		2013		2014	
	area	production	area	production	area	production
AT	56.000	149.000	59.000	197.000	52.800	198.300
BE	13.000	48.000	14.000	56.000	12.200	58.700
BG	135.000	271.000	135.000	337.000	190.200	527.900
CY					0	0
CZ	401.000	1.109.000	419.000	1.443.000	389.300	1.537.300
DE	1.306.000	4.821.000	1.466.000	5.784.000	1.394.200	6.247.400
DK	129.000	485.000	177.000	688.000	166.100	708.900
EE	87.000	158.000	86.000	174.000	80.000	166.200
EL	0	1.000	0	1.000	400	700
ES	29.000	53.000	43.000	113.000	43.000	105.600
FI	57.000	73.000	53.000	80.000	43.000	62.100
FR	1.607.000	5.483.000	1.438.000	4.370.000	1.503.000	5.523.000
HR	10.000	25.000	17.000	39.000	23.000	71.200
HU	165.000	415.000	198.000	533.000	213.000	680.000
IE	18.000	0	14.000	49.000	9.400	34.200
IT	11.000	26.000	18.000	45.000	16.600	41.630
LT	261.000	633.000	255.000	542.000	215.100	501.500
LU	5.000	15.000	5.000	15.000	4.100	15.700
LV	115.000	304.000	127.000	299.000	94.400	186.300
MT					0	0
NL	2.000	7.000	3.000	10.000	3.100	10.000
PL	720.000	1.866.000	921.000	2.678.000	951.100	3.263.700
PT					0	0
RO	100.000	159.000	276.000	666.000	409.500	1.071.900
SE	110.000	322.000	126.000	341.000	96.030	325.000
SI	5.000	17.000	6.000	15.000	5.563	19.883
SK	107.000	213.000	137.000	374.000	125.566	448.858
UK	756.000	2.557.000	715.000	2.128.000	674.000	2.497.000
<b>EU-28</b>	<b>6.205.000</b>	<b>19.210.000</b>	<b>6.708.000</b>	<b>20.977.000</b>	<b>6.714.659</b>	<b>24.302.971</b>

Source: Statistics on agricultural markets 2014, DG AGRI; Short-term outlook 2015, DG AGRI

**TABLE 13**
**Cottonseed and cottonseed meal imports by Member States (tonnes)**

	2012			2013			2014		
	cottonseed	cottonseed meal	total cottonseed equivalent <sup>1</sup>	cottonseed	cottonseed meal	total cottonseed equivalent <sup>1</sup>	cottonseed	cottonseed meal	total cottonseed equivalent <sup>1</sup>
AT	0,00	1.160,00	<b>2.577,78</b>		1.120,00	<b>2.488,89</b>		1.060,90	<b>2.357,56</b>
BE	0,10		<b>0,10</b>	0,00		<b>0,00</b>	0,10	12,70	<b>28,32</b>
BG									
CY									
CZ									
DE		240,70	<b>534,89</b>	0,00	305,60	<b>679,11</b>	0,00	487,40	<b>1.083,11</b>
DK	0,00		<b>0,00</b>	18,50		<b>18,50</b>	0,10		<b>0,10</b>
EE									
EL				1.421,00		<b>1.421,00</b>	6.875,40		<b>6.875,40</b>
ES	14.976,50		<b>14.976,50</b>	27.001,90	0,20	<b>27.002,34</b>	31.135,70	0,50	<b>31.136,81</b>
FI									
FR	22,50	2,20	<b>27,39</b>	0,10	0,60	<b>1,43</b>	0,10	7,60	<b>16,99</b>
HR									
HU					0,10	<b>0,22</b>		0,10	<b>0,22</b>
IE					3.500,00	<b>7.777,78</b>	3.149,00	2.348,30	<b>8.367,44</b>
IT	11.827,20	185,00	<b>12.238,31</b>	38.490,20	100,20	<b>38.712,87</b>	28.265,30	141,10	<b>28.578,86</b>
LT									
LU									
LV									
MT		16,30	<b>36,22</b>						
NL	6,00	0,90	<b>8,00</b>	19,60	0,20	<b>20,04</b>	6,20	1,50	<b>9,53</b>
PL							41,00		<b>41,00</b>
PT	0,00	3.034,90	<b>6.744,22</b>		10.772,60	<b>23.939,11</b>		4.180,60	<b>9.290,22</b>
RO									
SE				0,00		<b>0,00</b>	0,00		<b>0,00</b>
SI		0,10	<b>0,22</b>						
SK		0,30	<b>0,67</b>						
UK				0,10		<b>0,10</b>	0,10		<b>0,10</b>
EU-28	26.832,40	4.640,30	<b>37.144,18</b>	66.951,50	15.799,40	<b>102.061,28</b>	69.473,10	8.240,70	<b>87.785,77</b>

<sup>1</sup> The conversion rate between soybeans and soybean meal used for this table is 0.45

Source: EUROSTAT

**TABLE 14****GM planted area by country <sup>1</sup>**

	soybeans			maize			rapeseed		
	2011/12	2012/13	2013/14	2011/12	2012/13	2013/14	2011/12	2012/13	2013/14
Argentina	100%	100%	100%	92%	94%	95%			
Australia							6%	10%	9%
Brazil	83%	89%	89%	74%	80%	82%			
Canada	65%	65%	65%	65%	80%	80%	90%	95%	96%
Honduras				7%	8%	11%			
Mexico	6%	6%	-						
Paraguay	95%	95%	95%						
Philippines				27%	29%	28%			
South Africa	80%	85%	85%	69%	69%	87%			
USA	94%	93%	93%	88%	88%	90%	90%	90%	90%
Uruguay	100%	100%	100%	92%	93%	95%			

<sup>1</sup> Source: International Grain Council

**TABLE 15**

**Non-GM IP segregated soybeans and soymeal imports (1,000 tonnes; 2012)**

	<u>soybeans</u>			<u>soybean meal</u>			<u>soybean equivalent</u>		
	Total	non-GM IP segregated <sup>2</sup>		Total	non-GM IP segregated <sup>2</sup>		Total	Total non-GM IP segregated estimated	
AT	3	1	25%	4	1	20%	8	2	21,8%
BE	307	138	45%	447	0	0%	873	138	15,8%
DE	2.289	229	10%	1.787	357	20%	4.556	681	15,0%
DK	56	11	20%	1.214	243	20%	1.592	319	20,0%
ES	3.299	99	3%	1.787	0	0%	5.568	99	1,8%
FR	607	61	10%	2.455	246	10%	3.716	372	10,0%
HU	12	12	100%	3	3	100%	16	15	100,0%
IE	6	0	0%	327	26	8%	419	33	7,9%
IT	922	46	5%	1.374	69	5%	2.663	133	5,0%
NL	2.738	356	13%	4.806	721	15%	8.827	1.269	14,4%
PL	10	0	0%	1.258	0	0%	1.603	0	0,0%
PT	604	0	0%	199	0	0%	858	0	0,0%
SE	5	5	100%	216	216	100%	278	278	100,0%
UK	740	0	0%	1.413	71	5%	2.530	90	3,5%
<b>Total<sup>1</sup></b>	<b>11.598</b>	<b>958</b>	<b>8,3%</b>	<b>17.290</b>	<b>1.953</b>	<b>11,3%</b>	<b>33.506</b>	<b>3.430</b>	<b>10,2%</b>

Source: JRC.

<sup>1</sup> JRC's study was conducted over the 14 MS that concentrate 91% of the total imports of soybeans and soybean meal in the EU.

<sup>2</sup> Non-GM IP percentages were obtained through consultation of different sources (official statistics, national experts, private operators data)

**TABLE 16****EU-27 balance sheet for protein rich feed materials (2011/12, 1,000 tonnes)**

	EU production <sup>(1)</sup>		EU consumption <sup>(2)</sup>		Self-sufficiency ratio
	Products	Protein equivalent	Products	Protein equivalent	
Soyabeans / meal	1,275	485	32,672	15,220	3%
Rapeseed and sunflower seed / meals	27,492	5164	21,779	6,917	75%
Pulses	2,180	480	1,780	392	122%
Dried forage	4,483	852	4,250	808	105%
Miscellaneous	3,205	738	6,056	1,291	57%
<b>Sub-Total</b>		7,719		24,628	<b>31%</b>
Fishmeal	324	224	576	397	56%
<b>Total</b>		7,943		25,025	<b>32%</b>

Source: EIP-AGRI Focus Group Protein Crops: final report. European Commission, 2014

<sup>(1)</sup> EU production from EU seeds

<sup>(2)</sup> Including consumption by the petfood industry and on-farm uses



**TABLE 17**
**EU cultivated area and production of sunflower (ha, tonnes)**

	2012		2013		2014	
	area	production	area	production	area	production
AT	23.400	53.100	21.800	51.300	20.500	58.000
BE					0	0
BG	780.800	1.387.800	878.600	1.974.400	843.000	2.009.400
CY					0	0
CZ	24.600	56.900	21.300	46.800	18.600	42.300
DE	26.400	62.800	21.900	46.100	20.000	46.000
DK					0	0
EE					0	0
EL	60.800	159.800	51.700	173.800	11.800	88.100
ES	753.000	642.000	865.600	1.038.100	781.400	979.500
FI					0	0
FR	680.000	1.575.100	770.700	1.582.400	657.000	1.579.000
HR	33.500	90.000	40.800	132.300	35.100	99.400
HU	615.100	1.316.500	596.900	1.484.400	598.800	1.555.100
IE					0	0
IT	111.700	185.500	128.100	286.200	111.400	250.400
LT					0	0
LU					0	0
LV					0	0
MT					0	0
NL					0	0
PL	3.300	5.700	2.600	4.600	1.400	2.300
PT	18.000	9.600	18.100	11.600	15.600	16.400
RO	1.016.600	1.389.300	1.072.100	2.142.100	990.500	2.128.700
SE					0	0
SI	400	900	300	500	0	527
SK	90.100	197.200	84.100	195.700	76.593	200.697
UK						
<b>EU-28</b>	<b>4.237.700</b>	<b>7.132.200</b>	<b>4.574.600</b>	<b>9.170.300</b>	<b>4.181.693</b>	<b>9.055.824</b>

Source: Statistics on agricultural markets 2014, DG AGRI; Short-term outlook 2015, DG AGRI

TABLE 18

## EU cultivated area and production of main legume crops (ha, tonnes)

	Field peas						Broad beans						Lupins					
	2012		2013		2014		2012		2013		2014		2012		2013		2014	
	area	production	area	production	area	production	area	production	area	production	area	production	area	production	area	production	area	production
AT	10.704	14.581	7.239	17.600	6.900	17.400	6.852	16.000	6.200	13.700	7.700	21.500	132	200	132	313	132	308
BE	500	2.000	400	1.500	600	1.158	400	2.500	500	2.400	600	3.200	0	0	0	0	0	0
BG	1.300	2.100	1.200	2.000	900	1.500	1.500	1.600	1.600	2.000	900	900	0	0	0	0	0	0
CY	100	100	100	100	100	100	200	500	328	500	100	600	0	0	0	0	0	0
CZ	15.100	30.700	12.900	30.700	14.400	42.700	0	0	0	0	0	0	1.400	2.500	1.400	2.438	1.400	2.438
DE	44.800	138.800	37.900	129.500	41.700	155.300	15.800	61.300	16.500	59.700	20.500	87.600	17.900	31.500	17.400	27.156	17.400	25.916
DK	4.400	17.600	4.300	15.000	4.200	17.000	2.400	8.900	7.200	24.000	4.200	16.200	500	1.900	500	1.781	500	1.781
EE	10.900	12.900	13.900	32.200	16.500	34.200	500	500	550	600	2.500	400	0	0	0	0	0	0
EL	1.500	2.300	1.200	2.000	900	1.800	900	2.600	857	2.600	1.100	2.400	45	105	45	105	45	105
ES	153.500	121.000	122.100	190.800	138.600	134.900	24.600	25.900	17.500	27.800	22.700	35.600	6.700	2.800	3.700	2.500	4.700	3.100
FI	4.000	9.400	4.100	9.800	5.600	14.200	12.900	31.900	7.200	16.500	8.700	21.400	0	0	0	0	0	0
FR	134.100	556.900	120.000	488.300	139.000	528.000	60.400	276.700	68.100	245.500	74.676	279.000	2.600	6.500	3.000	8.000	5.000	15.000
HR	800	1.900	700	1.400	700	1.400	800	500	900	1.200	1.500	1.300	0	0	0	0	0	0
HU	20.200	42.500	20.200	44.700	20.000	50.100	600	1.100	176	900	900	1.400	140	100	200	147	200	170
IE	0	0	500	2.400	600	3.000	0	0	4.000	20.700	2.900	17.600	0	0	0	0	0	0
IT	9.900	24.200	9.500	21.400	10.000	21.400	52.300	107.800	44.666	89.800	57.700	137.100	0	0	0	0	0	0
LT	7.500	16.600	6.700	12.600	11.700	29.600	4.800	10.300	7.000	17.000	21.700	62.500	4.800	4.800	4.100	4.788	4.100	4.228
LU	100	400	200	800	300	800	40	81	71	152	71	300	0	0	0	0	0	0
LV	1.100	2.400	2.300	5.200	2.900	8.900	3.000	8.600	4.600	11.500	8.300	23.600	0	0	0	0	0	0
MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NL	0	0	0	0	0	0	500	5.000	400	3.000	500	3.400	0	0	0	0	0	0
PL	14.900	29.000	6.400	9.500	4.200	9.700	12.500	31.900	10.100	17.600	13.500	37.500	49.200	77.800	22.100	76.671	45.800	73.968
PT	0	0	0	0	0	0	3.325	2.066	3.658	2.389	3.658	2.389	0	0	0	0	0	0
RO	29.000	43.600	28.200	54.600	27.000	50.900	25.400	16.300	24.000	18.900	21.900	19.700	500	163	500	442	500	442
SE	12.900	35.100	12.200	40.800	14.500	46.700	17.900	58.200	17.300	61.300	18.770	61.400	0	0	0	0	0	0
SI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SK	4.600	6.500	3.000	6.700	4.497	12.074	200	100	100	88	60	115	200	500	200	512	200	425
UK	25.000	58.000	29.000	107.000	31.000	126.000	97.000	336.000	119.000	389.000	107.000	447.000	0	0	0	0	0	0
<b>EU-28</b>	<b>506.904</b>	<b>1.168.581</b>	<b>444.239</b>	<b>1.226.600</b>	<b>496.797</b>	<b>1.308.832</b>	<b>344.817</b>	<b>1.006.347</b>	<b>362.505</b>	<b>1.028.830</b>	<b>402.135</b>	<b>1.284.104</b>	<b>84.117</b>	<b>128.868</b>	<b>53.277</b>	<b>124.853</b>	<b>79.977</b>	<b>127.880</b>