

## USA Grass and Legume Seed Data: 2013/2014 Exports

### Overview:

Exports of American grass and legume seed fell by over 37 million lbs. for the year 2014, a 9.9% drop from 2013's record exports of over 400 million lbs. 2014's exports of 360 million lbs. is still the third highest in recent years.

China and Canada remain two of the USA's best grass and legume seed customers, while Japan, Mexico and Italy are also high on the list. In total, only 8 countries had imports of over 10 million lbs. of USA grass and legume seed in 2014. With a drop in total seed exports, the value of these exports also dropped, to \$348 million in 2014.

USA Grass/Legume Seed Exports by Country (Millions of lbs.)											
	2006	2007	2008	2009	2010	2011	2012	2013	2014	Δ from 2013 to 2014	% change
<b>World Total</b>	242.9	243.0	289.3	308.9	303.8	342.9	398.0	400.3	360.7	-39.58	-9.9%
China	17.1	28.2	28.9	31.9	64.1	64.4	66.9	61.6	86.8	25.21	40.9%
Canada	26.9	27.2	36.0	33.1	40.6	50.6	51.4	60.7	60.3	-0.36	-0.6%
Japan	36.0	38.2	19.7	19.3	27.2	28.8	34.0	37.1	25.6	-11.49	-31.0%
Mexico	48.3	40.1	22.7	41.9	27.5	23.6	26.2	27.0	22.9	-4.02	-14.9%
Italy	5.7	7.1	20.3	18.9	16.5	22.7	31.9	29.1	22.3	-6.82	-23.4%
Spain	3.7	5.8	11.0	9.3	8.9	10.5	14.1	13.6	11.6	-2.04	-15.0%
Netherlands	6.3	6.8	20.2	16.3	8.5	18.2	28.3	17.0	10.9	-6.13	-36.1%
Australia	5.4	16.1	18.7	10.4	13.2	12.9	7.9	8.8	10.2	1.36	15.4%
Rest of World	93.4	73.4	111.7	128.1	97.3	111.2	137.3	145.3	110.1	-35.29	-24.3%
<b>World Total</b>	242.9	243.0	289.3	308.9	303.8	342.9	398.0	400.3	360.7	-39.58	-9.9%
Rest of World = ± 180 countries											
Data: USDA Foreign Agricultural Service, BICO data											

American exports of grass and legume seed is dominated by annual ryegrass, which accounted for over 115 million lbs. of exports. Total grass and legume seed exports for 2014 were at 360 million lbs. No other species had over 46 million lbs. in exports. Despite such a huge advantage in tonnage exported, the value of annual ryegrass seed exports is still less than that for alfalfa seed exports. Alfalfa seed exports showed a value of over \$73 million, while annual ryegrass seed exports came in at a value of \$45.9 million. Total value of all USA grass/legume seed exports were \$348 million.



USA exports to the various world regions saw East Asia import the most seed (China/Japan), followed by North America (Canada/Mexico) then the EU 28 (with Italy, Spain and the Netherlands leading the way).

### USA Exports by Quantity and Species – Turf Grass Seed

Exports of grass and legume seed out of the USA is dominated by turf grass species, especially annual ryegrass and perennial ryegrass seed. Although not differentiated, both turf type and forage type tall fescue seed is presented here under “turf” seeds.

Turf grass seed production dominates world production, with the USA being the leader. USA grass seed production is dominated by turf types, with most grown in Oregon. 2014 saw the USA export over 115 million lbs. of **annual ryegrass** seed, with **perennial ryegrass** exports coming in at 36.7 million lbs. The export of annual ryegrass seed has exploded since the mid-2000’, when less than 50 million lbs. was exported. Tall fescue, both turf and forage types, saw exports at 45.5 million lbs. **Tall fescue** exports come in second, but how much Oregon turf types or Missouri forage types is in this figure is not known. However, production of tall fescue seed in Missouri has dropped in recent years.

“Other” grass seed category, saw exports of 36.6 million lbs. This category accounts for grass seed mixtures of blended seed (category could include forage grass seed mixtures).

**Kentucky bluegrass** seed, the heart of the worldwide lawn seed industry, saw exports of 21.4 million lbs. While annual ryegrass, perennial ryegrass, and Kentucky bluegrass seed exports fell from 2013, tall fescue seed exports increased by 8 million lbs. (20.7%).

The warm season turf grass **Bermuda grass**, saw exports at over 9 mil lbs.

USA Turf Grass Seed Exports: 2006 - 2014 by Calendar Year (millions of lbs.)									
	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>World Total</b>	<b>242.89</b>	<b>243.00</b>	<b>289.31</b>	<b>308.95</b>	<b>303.84</b>	<b>342.94</b>	<b>398.01</b>	<b>400.29</b>	<b>360.71</b>
<b>RYEGRASS , ANN</b>	28.98	37.48	56.01	81.75	72.94	79.26	94.44	117.12	115.38
<b>FESCUE , TALL</b>	18.55	20.41	25.39	24.87	40.54	38.70	47.95	37.67	45.50
<b>RYEGRASS , PER</b>	13.23	16.77	30.55	20.77	25.25	40.17	47.44	41.11	36.73
<b>GRASS , OTHER</b>	28.55	30.96	46.82	33.41	40.50	39.23	51.64	44.59	36.63
<b>BLUEGRASS , KY</b>	12.49	18.78	23.54	20.45	21.75	23.64	24.93	21.66	21.39
<b>FESCUE ,CRP RD</b>	1.26	1.03	2.23	1.16	1.29	8.44	11.21	12.53	10.75
<b>BERMUDAGRS,OTH</b>	2.51	5.14	3.68	2.59	3.67	3.00	4.43	5.93	5.42
<b>BERMUDAGRS,HSK</b>	3.89	3.15	2.73	2.82	3.53	3.43	4.16	3.02	3.59
<b>FESCUE ,OTHER</b>	34.66	18.46	5.75	6.34	4.28	7.75	5.69	4.18	3.02
<b>BENTGRASS</b>	2.15	1.63	2.07	1.76	1.30	1.51	1.73	2.24	2.41
<b>Total Turf</b>	<b>146.27</b>	<b>153.79</b>	<b>198.77</b>	<b>195.93</b>	<b>215.05</b>	<b>245.11</b>	<b>293.60</b>	<b>290.06</b>	<b>280.82</b>

## USA Exports by Quantity and Species – Legume Seed

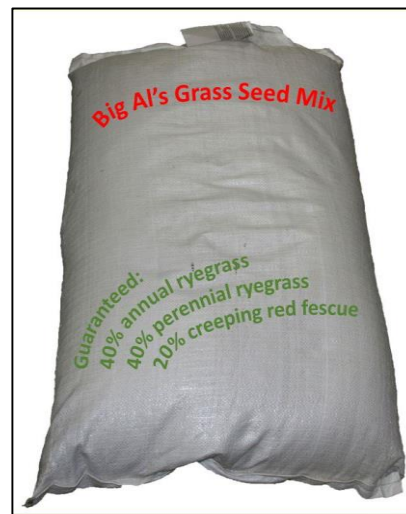
American legume seed exports only accounts for 13.9% of total USA grass and legume seed trade. Of the 39.5 million lbs. of seed exported in 2014, legume seed trade is dominated by alfalfa seed. Certified **alfalfa** seed saw 22.3 million lbs. traded, while common alfalfa seed exports were at 12.65 million lbs. Total alfalfa seed exports accounted for over 88% of all legume seed exports.

However, the value of 2014 alfalfa seed exports is a different story. Alfalfa seed accounts for over \$94.5 million in exports, well above the \$46 million in annual ryegrass seed exports. In fact, despite accounting for only 9.7% of total American grass and legume seed exports in 2014, she accounted for over 27% of total value from grass and legume seed exports. Alfalfa remains the most sought after legume seed in the world, and deserves the distinction of being “the queen of the legumes”. Only **crimson clover** and **red clover (other)** had exports of over 1 million lbs.

Total USA Legume Seed Exports: 2006 - 2014 by Calendar Year (millions of lbs.)									
	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>World Total</b>	<b>242.89</b>	<b>243.00</b>	<b>289.31</b>	<b>308.95</b>	<b>303.84</b>	<b>342.94</b>	<b>398.01</b>	<b>400.29</b>	<b>360.71</b>
<b>ALFALFA , CRT</b>	18.84	19.44	29.02	31.04	21.65	29.99	42.08	26.41	22.33
<b>ALFALFA ,UNCRT</b>	8.20	6.90	9.20	8.61	8.33	7.16	10.94	13.56	12.65
<b>FESCUE ,CRP RD</b>	1.26	1.03	2.23	1.16	1.29	8.44	11.21	12.53	10.75
<b>CLOVER , CRIM</b>	0.37	0.59	0.45	1.29	1.34	1.71	1.29	1.78	1.47
<b>CLOVER , OTHRED</b>	1.11	0.73	1.03	0.40	3.10	2.68	3.02	4.19	1.37
<b>CLOVER ,WHT/LD</b>	1.42	0.73	1.01	0.82	1.84	2.76	1.83	1.17	0.97
<b>CLOVER , OTHER</b>	0.25	1.04	1.07	0.21	0.86	0.76	0.98	0.75	0.47
<b>BIRDSFT TREFOILS</b>	0.03	0.06	0.10	0.06	0.04	0.02	0.09	0.14	0.13
<b>CLOVR, DBLCTRD</b>	0.02	0.00	0.01	0.01	0.44	0.67	0.11	0.17	0.08
<b>Total Legumes</b>	<b>31.49</b>	<b>30.52</b>	<b>44.11</b>	<b>43.60</b>	<b>38.89</b>	<b>54.17</b>	<b>71.54</b>	<b>60.69</b>	<b>50.24</b>

## USA Exports by Quantity and Species – Forage Grass Seed

With USA trade data **NOT** breaking tall fescue out as to turf grass or forage grass, and the broad category “**Grass, other**”, it is assumed the majority of grass seed trade out of the USA is of the turf grass species. The trade category “**Forage Seeds**” could include legume/grass seed mixtures. Of the categorized grass seed species, the only cool season forage grass identified by USA trade data is **orchardgrass**, which saw its exports drop by over half to 2.2 mil. Lbs. in 2014. Most of the USA’s forage grass seed trade centers around the warm season forage types, mainly **sudangrass** and **bermudagrass**.



Total USA Forage Grass Seed Exports: 2006 - 2014 by Calendar Year (millions of lbs.)									
	2006	2007	2008	2009	2010	2011	2012	2013	2014
<b>World Totals</b>	<b>242.89</b>	<b>243.00</b>	<b>289.31</b>	<b>308.95</b>	<b>303.84</b>	<b>342.94</b>	<b>398.01</b>	<b>400.29</b>	<b>360.71</b>
<b>GRASS , OTHER</b>	28.55	30.96	46.82	33.41	40.50	39.23	51.64	44.59	36.63
<b>FORAGE SEEDS</b>	11.21	34.52	28.22	53.08	33.56	31.37	21.29	21.36	22.91
<b>SUDANGRASS</b>	12.29	13.68	17.49	14.94	15.00	17.85	18.11	35.36	14.61
<b>FESCUE ,OTHER</b>	34.66	18.46	5.75	6.34	4.28	7.75	5.69	4.18	3.02
<b>ORCHARDGRASS</b>	1.74	1.90	2.60	2.39	2.47	2.65	4.00	4.85	2.19
<b>WHEATGRASS</b>	0.46	0.19	0.32	0.17	0.15	0.21	0.65	0.48	0.59
<b>Total Forage Grasses</b>	<b>88.92</b>	<b>99.71</b>	<b>101.20</b>	<b>110.33</b>	<b>95.95</b>	<b>99.05</b>	<b>101.38</b>	<b>110.82</b>	<b>79.95</b>

Note: "fescue other" includes turf types

### USA Grass and Legume Seed Trade by Country.

Total USA grass and legume seed exports to **China** increased by over 25 million lbs. in 2014, and was led by the turf grasses. 2014 saw over 31 million lbs. of annual ryegrass, 21 million lbs. of tall fescue (primarily turf species), 7.3 million lbs. of perennial ryegrass, and almost 7 million lbs. of Kentucky bluegrass. "Other grass seed" ranks 3<sup>rd</sup>, but the composition of this category is unknown. China accounted for over 27% of all American annual ryegrass seed exports, and 38% of all American tall fescue exports.

Alfalfa imports fell by over 750,000 lbs. in 2014, as did orchardgrass (down to only 380,000 lbs. from 640,000 lbs. in 2013).

Total value of USA grass and legume seed exports to China was over \$82 million.

USA Grass and Legume Seed Exports to China (mils. Of lbs.)										
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2014 Value
<b>Total/Grass/Legume Seed Imports from USA</b>	<b>17.12</b>	<b>28.18</b>	<b>28.95</b>	<b>31.85</b>	<b>64.08</b>	<b>64.44</b>	<b>66.93</b>	<b>61.62</b>	<b>86.83</b>	<b>82.19</b>
<b>RYEGRASS , ANN</b>	1.11	2.67	4.71	7.67	18.85	13.77	11.86	19.48	31.23	<b>12.27</b>
<b>FESCUE , TALL</b>	3.59	7.43	4.95	8.02	16.29	18.25	18.44	11.95	21.49	<b>17.53</b>
<b>GRASS , OTHER</b>	6.65	8.15	10.39	7.95	14.90	12.50	16.06	11.78	12.31	<b>16.58</b>
<b>RYEGRASS , PER</b>	0.82	0.44	2.07	1.34	3.04	5.39	6.41	6.75	7.34	<b>7.33</b>
<b>BLUEGRASS , KY</b>	1.18	5.47	3.89	3.55	6.35	9.33	7.52	5.21	6.90	<b>11.74</b>
<b>BERMUDAGRS, HSK</b>	0.08	0.60	0.93	1.30	1.46	1.74	3.03	1.79	2.72	<b>9.30</b>
<b>BERMUDAGRS, OTH</b>	0.34	0.65	0.53	0.45	1.23	0.84	0.88	1.12	1.22	<b>1.47</b>
<b>ALFALFA , UNCRT</b>	0.02	0.04	0.01	0.01	0.07	0.33	0.10	1.68	0.92	<b>1.65</b>
<b>BENTGRASS</b>	0.03	0.04	0.08	0.06	0.14	0.13	0.12	0.33	0.52	<b>2.10</b>
<b>FORAGE SEEDS</b>	2.34	1.53	0.39	0.92	0.42	0.17	0.37	0.44	0.47	<b>0.24</b>
<b>SUDANGRASS</b>	-	0.17	0.02	-	0.08	-	-	0.04	0.40	<b>0.14</b>
<b>ORCHARDGRASS</b>	-	-	0.22	0.17	0.16	0.14	-	0.64	0.38	<b>0.44</b>
<b>WHEATGRASS</b>	0.09	-	-	-	-	-	-	-	0.26	<b>0.40</b>
<b>ALFALFA , CRT</b>	0.06	0.02	-	0.03	-	0.20	0.31	0.09	0.24	<b>0.57</b>
<b>other (4-8 species)</b>	0.82	0.95	0.76	0.39	1.11	1.68	0.95	0.31	0.43	<b>0.45</b>
<b>Total/Grass/Legume Seed Imports from USA</b>	<b>17.12</b>	<b>28.18</b>	<b>28.95</b>	<b>31.85</b>	<b>64.08</b>	<b>64.44</b>	<b>66.93</b>	<b>61.62</b>	<b>86.83</b>	<b>82.19</b>

2014 value = millions of \$

With cross border trading occurring with **Canada**, USA trade data with Canada could be misleading if not understood. Canada is the number 2 destination for USA grass and legume seed, but trade data does not account for Canadian produced seed being re-shipped back to Canada. With almost all Canadian grass and legume seed production centered in her western provinces, and Oregon being the center for much of the USA's production, and subsequent seed processing, Canadian seed can be imported into the Pacific Northwest and subsequently exported back into Eastern Canada. A case in point is that annual USA creeping red fescue seed production is 6 to 9 million lbs, but trade data shows exports of almost 10 million lbs. in 2014, let alone domestic usage. The USA annually imports 20-24 million lbs. of Canadian creeping red fescue.

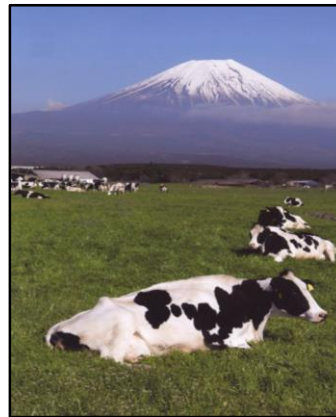
The same could be said for perennial ryegrass seed production, as American grass and legume seed company's contracts perennial ryegrass seed production in Manitoba and Saskatchewan. Nevertheless, Canada requires turf grass seed for her cities, with most located in Eastern Canada.

Not taking the import/export situation into account, Canada imported over 60 million lbs. of grass and legume seed in 2014, with a value of over \$54 million.

<b>USA Grass and Legume Seed Exports to Canada (mils. Of lbs.)</b>										
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2014 Value
<b>Total/Grass/Legume Seed Imports from USA</b>	<b>26.86</b>	<b>27.25</b>	<b>35.99</b>	<b>33.05</b>	<b>40.60</b>	<b>50.57</b>	<b>51.36</b>	<b>60.71</b>	<b>60.35</b>	<b>54,375</b>
<b>RYEGRASS , PER</b>	5.58	6.08	8.18	6.93	12.70	15.39	12.24	12.77	13.62	<b>12,048</b>
<b>BLUEGRASS , KY</b>	8.64	8.96	10.34	9.88	9.46	8.72	10.47	12.18	11.12	<b>13,166</b>
<b>FORAGE SEEDS</b>	2.67	3.98	8.15	5.81	4.85	4.12	6.47	7.24	10.07	<b>4,764</b>
<b>FESCUE ,CRP RD</b>	0.57	0.29	0.47	0.54	0.48	7.50	9.12	11.38	9.89	<b>8,572</b>
<b>RYEGRASS , ANN</b>	1.81	1.69	2.20	4.21	3.73	4.21	4.44	5.58	6.36	<b>2,666</b>
<b>FESCUE , TALL</b>	0.78	0.94	1.06	0.78	0.63	0.74	1.17	1.87	2.84	<b>1,984</b>
<b>FESCUE ,OTHER</b>	1.13	1.21	1.53	1.67	2.66	3.01	1.65	2.66	1.91	<b>1,869</b>
<b>ALFALFA , CRT</b>	2.83	1.72	1.68	1.43	2.24	2.96	2.63	2.04	1.64	<b>4,587</b>
<b>CLOVER, OTHRED</b>	0.88	0.62	0.38	0.15	2.19	2.14	1.81	2.85	0.98	<b>1,282</b>
<b>ORCHARDGRASS</b>	0.76	0.78	0.87	0.87	0.54	0.73	0.53	0.73	0.61	<b>658</b>
<b>BENTGRASS</b>	0.46	0.35	0.36	0.35	0.33	0.34	0.27	0.34	0.36	<b>1,420</b>
<b>CLOVER , OTHER</b>	0.11	0.22	0.15	0.10	0.17	0.16	0.09	0.14	0.25	<b>409</b>
<b>other (3-6 species)</b>	0.64	0.43	0.62	0.31	0.63	0.56	0.46	0.93	0.71	<b>950</b>
<b>Total/Grass/Legume Seed Imports from USA</b>	<b>26.86</b>	<b>27.25</b>	<b>35.99</b>	<b>33.05</b>	<b>40.60</b>	<b>50.57</b>	<b>51.36</b>	<b>60.71</b>	<b>60.35</b>	<b>54,375</b>
<b>2014 value = millions of \$</b>										

Only three other countries imported more than 20 million lbs. of grass/legume seed from the USA in 2014, with those being Japan, Mexico and Italy. However, all three countries showed a drop in American imports from the previous year.

**Japanese** grass and legume seed trade from the USA centered on annual ryegrass in 2014, with 14.5 million lbs. of annual ryegrass making up over 56% of all grass/legume seed imports from the USA. Grass seed mixtures made up another 3.75 million lbs. of seed. 2 million lbs. of perennial ryegrass seed was imported in 2014. The total value of USA grass/legume seed imports into Japan was almost \$14 million.



**Mexico**, with a large cattle population, saw more forage type grass and legume seed species imported. Alfalfa seed, when combining both certified and common seed imports, accounted for over 9.7 million lbs. of seed. Imports of “forage grass seed mixtures” amounted to 7.7 million lbs. of seed. In addition to the ryegrasses, American imports into Mexico saw over 1 million lbs. of warm season grasses, sudangrass and bermudagrass. Total Mexican imports from the USA accounted for over \$28.74 million. Because of the imports of higher valued alfalfa seed, Mexico ranks third (behind China and Canada) in total American export value of grass/legume seeds.



**Italy**, with imports of over 9.6 million lbs of annual ryegrass seed, was the only other country with over 20 million lbs. of grass/legume seed imports from the USA. Sudangrass seed accounted for 3.4 million lbs. of imports, while “grass seed, other” saw imports of 2.5 million lbs. Italy also imported over 2.1 million lbs. of tall fescue from the USA in 2014. Total value of all grass/legume seed imports from the USA amounted to \$15.7 million.



USA Grass and Legume Seed Exports to Japan, Mexico and Italy (millions of lbs.)										
		2007	2008	2009	2010	2011	2012	2013	2014	Value-2014
Japan	Total Grass/Legume Seed Imports from USA	38.24	19.73	19.29	27.24	28.76	34.02	37.12	25.63	13.98
Japan	RYEGRASS SD, ANN	7.04	5.14	7.68	12.62	17.00	21.75	22.57	14.51	4.42
Japan	GRASS SD, OTHER	4.15	6.68	5.59	4.65	5.17	4.83	5.16	3.75	3.89
Japan	RYEGRASS SD, PER	5.24	3.25	0.99	1.00	1.02	1.50	2.06	2.03	1.58
Japan	SUDANGRASS SD	3.54	0.96	1.91	5.27	1.29	1.70	3.30	2.51	0.84
Japan	FORAGE SEEDS	4.83	0.39	0.72	1.73	1.76	0.89	0.68	1.19	0.49
Mexico	Total Grass/Legume Seed Imports from USA	40.09	22.74	41.94	27.48	23.58	26.21	26.97	22.94	28.74
Mexico	FORAGE SEEDS	17.49	7.27	26.63	12.08	8.64	5.19	8.01	7.72	4.05
Mexico	ALFALFA SD, CRT	3.88	3.43	6.06	5.59	7.31	8.31	5.83	6.43	16.78
Mexico	ALFALFA SD,UNCRT	2.92	4.46	2.83	3.45	2.06	2.71	4.12	3.32	4.46
Mexico	RYEGRASS SD, ANN	1.83	2.25	2.83	2.84	1.25	2.57	2.26	2.49	0.96
Mexico	RYEGRASS SD, PER	0.78	0.45	0.57	0.34	0.55	2.75	1.56	1.05	0.51
Mexico	SUDANGRASS SD	2.42	2.14	1.51	1.85	2.45	1.38	0.80	0.68	0.30
Mexico	BERMUDAGRSSD,OTH	0.43	0.66	0.27	0.42	0.19	0.42	1.24	0.39	0.47
Mexico	BENTGRASS SD	0.01	0.21	0.14	0.05	0.03	0.20	0.48	0.26	0.65
Italy	Total Grass/Legume Seed Imports from USA	7.14	20.27	18.85	16.46	22.69	31.92	29.13	22.31	15.74
Italy	RYEGRASS SD, ANN	0.81	8.44	8.92	5.96	10.57	14.40	16.03	9.63	4.75
Italy	SUDANGRASS SD	0.22	0.86	1.93	1.65	2.45	2.85	4.48	3.41	1.20
Italy	GRASS SD, OTHER	2.07	3.47	1.52	1.79	2.41	2.25	1.57	2.54	2.75
Italy	FESCUE SD, TALL	0.97	2.37	1.91	1.53	1.67	3.44	1.80	2.11	1.71
Italy	FORAGE SEEDS	1.79	1.14	1.42	1.73	1.57	1.27	0.94	1.55	0.80
Italy	CLOVER SD, CRIM	-	-	0.75	0.67	0.45	0.91	1.51	1.12	1.53
Italy	RYEGRASS SD, PER	0.13	1.60	0.60	1.26	2.31	4.28	0.84	0.84	0.78
Italy	BERMUDAGRSSD,OTH	0.29	0.09	0.29	0.47	0.12	0.23	0.39	0.39	0.65

2014 Value = Millions of \$

Of course, grass and legume seed exports are not limited to the above 5 nations. Below is a chart listing selected countries, and the top 4 grass/legume seed imported from the USA for that country.

USA Grass and Legume Seed Exports to other countries (millions of lbs.)										
Country	Species	2007	2008	2009	2010	2011	2012	2013	2014	Value-2014
Netherlands	Total Grass/Legume Seed Imports from USA	6.76	20.18	16.27	8.52	18.24	28.26	16.99	10.86	12.51
Netherlands	GRASS SD, OTHER	0.63	3.65	3.08	1.60	3.14	8.24	5.74	2.55	3.32
Netherlands	RYEGRASS SD, PER	0.40	5.67	2.33	0.30	5.64	4.71	2.58	2.26	2.13
Netherlands	FESCUE SD, TALL	0.44	2.33	2.00	1.11	2.10	6.93	3.73	2.10	1.68
Netherlands	BLUEGRASS SD, KY	2.06	3.80	2.79	3.53	2.15	3.31	2.32	1.47	2.25
Argentina	Total Grass/Legume Seed Imports from USA	9.01	8.86	10.59	12.52	10.99	7.93	7.31	6.87	9.37
Argentina	RYEGRASS SD, ANN	1.48	1.49	5.06	4.79	1.93	1.48	2.82	3.07	1.42
Argentina	ALFALFA SD, CRT	1.22	1.57	1.70	1.45	2.89	3.71	1.80	1.62	5.93
Argentina	FESCUE SD, TALL	3.06	1.90	1.02	1.63	3.34	1.15	1.31	1.48	1.17
Argentina	GRASS SD, OTHER	0.25	1.72	0.46	1.02	0.24	0.19	0.16	0.27	0.33
Spain	Total Grass/Legume Seed Imports from USA	5.83	11.04	9.27	8.94	10.50	14.09	13.62	11.58	9.22
Spain	RYEGRASS SD, ANN	1.83	1.72	2.34	2.12	3.82	6.17	5.76	5.39	2.53
Spain	GRASS SD, OTHER	1.55	3.68	0.91	1.87	1.44	2.25	2.48	1.64	2.19
Spain	FESCUE SD, TALL	0.61	1.87	1.19	0.97	2.14	1.69	1.64	1.61	1.36
Spain	RYEGRASS SD, PER	0.22	1.46	1.06	0.90	1.07	2.46	1.52	1.44	1.16

## Other Countries: continued

USA Grass and Legume Seed Exports to other countries (millions of lbs.)										
Country	Species	2007	2008	2009	2010	2011	2012	2013	2014	Value-2014
<b>Australia</b>	<b>Total Grass/Legume Seed Imports from USA</b>	<b>16.14</b>	<b>18.66</b>	<b>10.36</b>	<b>13.18</b>	<b>12.93</b>	<b>7.87</b>	<b>8.79</b>	<b>10.15</b>	<b>7.06</b>
Australia	RYEGRASS SD, ANN	12.11	14.13	7.31	9.20	9.45	4.48	4.93	6.61	3.01
Australia	RYEGRASS SD, PER	0.15	0.50	0.43	0.28	0.54	0.65	1.05	0.84	0.79
Australia	FESCUE SD, TALL	0.89	1.28	1.16	0.51	0.99	0.38	0.79	0.78	0.62
Australia	GRASS SD, OTHER	1.84	1.73	0.85	1.57	0.84	1.04	0.72	0.75	0.84
<b>France</b>	<b>Total Grass/Legume Seed Imports from USA</b>	<b>3.56</b>	<b>6.40</b>	<b>4.55</b>	<b>3.75</b>	<b>6.05</b>	<b>9.56</b>	<b>8.10</b>	<b>3.90</b>	<b>3.27</b>
France	FESCUE SD, TALL	1.04	1.80	1.18	0.62	1.23	1.74	1.02	1.43	1.25
France	SUDANGRASS SD	0.68	1.44	0.87	0.61	1.46	3.18	2.59	1.11	0.39
France	GRASS SD, OTHER	0.52	0.93	0.67	0.17	0.67	1.21	0.36	0.53	0.63
France	RYEGRASS SD, PER	0.11	1.06	0.76	1.44	1.63	1.89	1.26	0.36	0.34
<b>Germany</b>	<b>Total Grass/Legume Seed Imports from USA</b>	<b>1.27</b>	<b>3.94</b>	<b>4.66</b>	<b>2.61</b>	<b>4.48</b>	<b>8.82</b>	<b>7.18</b>	<b>3.73</b>	<b>3.16</b>
Germany	FESCUE SD, TALL	0.02	0.31	0.96	0.65	1.46	3.80	1.32	1.81	1.15
Germany	RYEGRASS SD, PER	0.08	1.45	1.30	0.37	1.01	1.76	3.17	0.65	0.49
Germany	GRASS SD, OTHER	0.76	0.31	0.81	0.73	0.88	1.37	1.05	0.26	0.40
Germany	ALFALFA SD, CRT	0.00	-	0.00	0.04	-	0.04	0.07	0.06	0.23
<b>Poland</b>	<b>Total Grass/Legume Seed Imports from USA</b>	<b>0.57</b>	<b>1.93</b>	<b>0.73</b>	<b>0.70</b>	<b>1.38</b>	<b>3.03</b>	<b>1.77</b>	<b>2.72</b>	<b>2.32</b>
Poland	FESCUE SD, TALL	0.11	1.13	0.21	0.52	0.93	1.59	0.99	1.45	1.11
Poland	RYEGRASS SD, ANN	-	0.14	0.22	-	-	0.56	0.11	0.63	0.30
Poland	CLOVRSD, DBLCTRD	-	-	-	-	-	-	-	0.32	0.45
Poland	GRASS SD, OTHER	0.37	0.13	0.12	0.13	0.07	0.38	0.28	0.19	0.27
<b>United Kingdom</b>	<b>Total Grass/Legume Seed Imports from USA</b>	<b>1.97</b>	<b>2.08</b>	<b>1.86</b>	<b>0.76</b>	<b>1.67</b>	<b>4.00</b>	<b>3.66</b>	<b>1.82</b>	<b>1.80</b>
U.K.	GRASS SD, OTHER	0.47	0.78	0.37	0.49	0.33	0.97	1.78	0.98	0.93
U.K.	RYEGRASS SD, PER	0.59	0.74	0.61	0.08	0.89	1.88	1.12	0.49	0.40
U.K.	FESCUE SD, TALL	0.06	0.06	0.05	-	0.05	0.41	0.14	0.21	0.13
U.K.	BENTGRASS SD	0.22	0.19	0.33	0.09	0.05	0.08	0.13	0.11	0.31
<b>Denmark</b>	<b>Total Grass/Legume Seed Imports from USA</b>	<b>1.71</b>	<b>2.99</b>	<b>1.05</b>	<b>1.03</b>	<b>2.44</b>	<b>0.76</b>	<b>1.55</b>	<b>0.48</b>	<b>0.80</b>
Denmark	BENTGRASS SD	0.03	0.23	-	-	-	-	0.21	0.15	0.38
Denmark	BLUEGRASS SD, KY	0.06	0.33	0.04	0.05	0.41	0.01	0.18	0.11	0.19
Denmark	GRASS SD, OTHER	0.30	0.45	0.09	0.11	0.13	0.14	0.14	0.04	0.08
Denmark	FESCUE SD, TALL	0.47	1.05	0.19	0.25	0.85	0.40	0.13	0.04	0.04

2014 Value = Millions of \$

## Summary

The USA remains the world's number one producer of grass and legume seed, and the world watches her production to see what trends and prices may occur within the grass and legume seed industry. Although much of her production goes into domestic usage, what she exports factors into worldwide prices and demand. USA trade in this important agricultural sector will continue to add value into the American economy, and help dictate grass and legume seed production throughout the world.



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March 25, 2015