Detailed flow of good for legumes from the seed production until the end use in some European Countries. The numbers written in green indicate an increasing trend and the red ones indicate a decreasing trend.

LEGVALUE

Germany

- Green numbers = Upward trend
- Red numbers = Downward trend
- Black numbers = constant or volatile trend

Abbreviation

- NC: National consuption

For more details: http://www.legvalue.eu/media/1254/fh-swf-market-report-of-grain-legumes-in-germany.pdf.

Contact persons:

Bruno Kezeya Sepngang (kezeyasepngang.bruno@fh-swf.de)
Ina Stute (stute.ina@fh-swf.de)
Wolfgang Stauss (stauss.wolfgang@fh-swf.de)
Marcus Mergenthaler (mergenthaler.marcus@fh-swf.de)

LEGVALUE

Germany
Field pea

Basic scheme of resources and use

update: 01-08-2018

Breeders

Limagrain GmbH; KWS Lochow GmbH; NPZ (Norddeutsche Pflanzenzucht Hans-Georg-Lembke KG); W. von Borries-Eckendorf GmbH & Co.KG; Intersaatzucht GmbH; Erbe/Erbengemeinschaft Dr. HansRolf Späth.

(Bundessortenamt, 2018)

Registered varieties

18 Spring vavieties
2 Winter varieties
(6 spring varieties from other EU-countries)

(Bundessortenamt, 2018)

Seed import

4 800 t

(Destatis, average 2015 - 2017)

Seed

4 105 ha

(Bundessortenamt, 2018; average 2015 - 2017)

Seed export

11 500 t

(Destatis, average 2015 - 2017)

Production

290 000 t - 84 000 ha - 3,4 t/ha
(proportion of bio.: 3 % of the production and 7 % of cultivated area in 2016)

(Eurostat, avarage 2015 - 2017)
(AMI Markt Bilanz Öko-Landbau 2018)

Import

86 000 t

Destatis, average 2015 - 2017)

National consumption

322 000 t

(Calculated, 2015 - 2017)

Export

52 000 t

(Destatis, average 2015 - 2017)

Use for food

116 000 t (36 % of NC)

(calculated, average 2015 - 2017)

seed

7 260 t (2 % of NC)

(calculated, based on the cultivated area, import and export of seed; áverage 2015 - 2017)

Use for feed

200 000 t (62 % of NC)

(calculated, average 2015 - 2017)

Intra- and inter farm-use

160 000 t
(55 % of production)

(Calculated based on BLE and Eurostat, average 2015 - 2017)

Compound feed producer

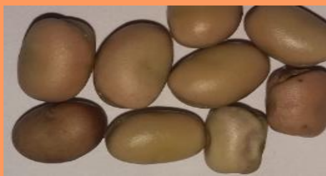
39 000 t (0,2 % of the total compound feed in 2015/2016)

(DVT, 2017)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

Germany
Faba beans



Basic scheme of resources and use

update: 01-08-2018

Breeders

Petersen Saatzucht Lundsgaard GmbH; Asmus Sören Petersens; NPZ; Lantmännen ek för; Saatzucht Gleisdorf Gesellschaft m.b.H; Dagmar Littmann.

(Bundessortenamt, 2018)

Registered varieties

9 spring varieties
3 Winter varieties
(5 spring varieties from other EU-countries)

(Bundessortenamt, 2018)

Seed import

7 600 t

(Destatis, average 2015 - 2017)

Seed

2 250 ha

(Bundessortenamt, 2018; average 2015 - 2017)

Seed export

11 200 t

(Destatis, average 2015 - 2017)

Production

160 000 t - 41 000 ha - 4 t/ha
(proportion of bio.: 14 % of the production and 31 % of cultivated area in 2016)

(Eurostat, avarage 2015 - 2017)
(AMI Markt Bilanz Öko-Landbau 2018)

Import

8 000 t

Destatis, average 2015 - 2017)

National consumption

155 000 t

(calculated, 2015 - 2017)

Export

11 000 t

Destatis, average 2015 - 2017)

Use for food

2 600 t (1.7 % of NC)

(calculated, average 2015 - 2017)

seed

5 400 t (3.5 % of NC)

(calculated, based on the cultivated area, import and export of seed; average 2015 - 2017)

Use for feed

147 000 t (95 % of NC)

(calculated, average 2015 - 2017)

Intra- and inter farm- use

109 000 t
(68 % of production)

(Calculated based on BLE und Eurostat, average 2015 - 2017)

Compound feed producer

38 000 t
(0,2 % of total compaound feed in 2015/2016)

(DVT, 2017)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

Germany
Sweet lupin

Basic scheme of resources and use

update: 01-08-2018

Breeders

Saatzucht Steinach GmbH & Co.KG; Saatzucht Streng-Engelen GmbH & Co.KG; Erbe/Erbengemeinschaft Dr. HansRolf Späth; Berthold Bauer;Südwestdeutsche Saatzucht GmbH & Co. KG.

(Bundessortenamt, 2018)

Registered varieties

10 blue Lupins and 1 white Lupin

(Bundessortenamt, 2018)

Seed

1 980 ha

(Bundessortenamt, 2018; average 2015 - 2017)

Import

1900 t

1800 t (bio) in 2016/17

(Destatis, average 2015 – 2017)
(AMI Markt Bilanz Öko-Landbau 2018)

Production

47 000 t - 29 000ha - 1,6 t/ha
(proportion of bio.: 8 % of production and 33 % of cultivated area in 2016)

(Eurostat, avarage 2015 - 2017)
(AMI Markt Bilanz Öko-Landbau 2018)

Export

370 t

Use for food

Max. 5 % of the Production

(Estimation of experts)

seed

3 170 t (~7 % of the production)

(calculated, based on the cultivated area of seed; áverage 2015 - 2017)

Use for feed

~88 % of the production

(Calculated)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

Germany
Soya

Basic scheme of resources and use

update: 01-08-2018

Breeders

Inter Saatzucht GmbH; Prograin Eurasia B.V.; Delly Samen; Pflanzen AG.

(Bundessortenamt, 2018)

Registered varieties

4 Varieties (24 from other EU-countries)

(Bundessortenamt, 2018)

Seed Import

2 900 t

(Destatis, average 2015 - 2017)

Seed

?? t

Seed export

600 t

(Destatis, average 2015 - 2017)

Production

55 000 t - 17 000 ha - 3,1 t/ha
(proportion of bio.: 22 % of cultivated area in 2016)

(Eurostat, avarage 2016 - 2017)
(AMI Markt Bilanz Öko-Landbau 2018)

Import

3 320 000 t (With 58000t bio. Incl. Soybean cake)

(Destatis, average 2015 - 2017)
(AMI Markt Bilanz Öko-Landbau 2018)

Total resources

3 250 000 t

(calculated, Average 2015 - 2017)

Export

107 000 t

(Destatis, average 2015 - 2017)

Use for food

10 %

(calculated, average 2015 - 2017)

Use for feed

90 %

(calculated, average 2015 - 2017)

Compound feed producer

2 911 000 t
(14 % of total compound feed in 2015/2016)

(DVT, 2017)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

France

- Green numbers = Upward trend
- Red numbers = Downward trend
- Black numbers = constant or volatile trend

Abbreviation

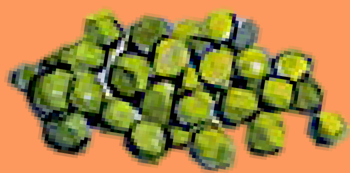
- NC: National consuption

For more Details: http://www.legvalue.eu/media/1347/report_market-analysis-of-legumes-in-france_ms.pdf.

Contact persons:

Maëlle Simmen (m.simmen@terresunivia.fr)
Tiana Smadja (t.smadja@terresunivia.fr)
Jean-Paul Lacampagne (j.lacampagne@terresunivia.fr)

France
Field peas



Basic scheme of resources and use

Update: 23/05/2019

Breeders

Agri Obtentions, RAGT, Limagrain, Florimond Desprez, KWS Momont, Unisigma

(Expert, 2019)

Registered varieties

49 Spring vavieties
28 Winter varieties

(GEVES, 2019)

Seed import

8 014 quintals

(Gnis, average 2015-2017)

Seed

8 710 ha
207 564 quintals

(Gnis, average 2015-2017)

Seed export

26 497 quintals

(Gnis, average 2015-2017)

Production

645 000 t - 187 900 ha - 34.7 q/ha
(proportion of bio.: 4 % of cultivated area in 2017)

(Terres Univia, estimation 2015 - 2017)
(AgenceBio, 2017)

Initial stock

69 000 t

(FranceAgrimer, average 2015 - 2017)

Import

47 712 t

(Eurostat, average 2015 - 2017)

Total resources

762 000 t

(Terres Univia, estimation 2015 - 2017)

Export

311 886 t

(Eurostat, average 2015 - 2017)

EU-countries
137 856 t

Non EU-countries
174 030 t

Seed

42 000 t (2 % of NC)

(Terres Univia, estimation 2015 - 2017)

Use for feed

182 000 t

(Terres Univia, estimation 2015 - 2017)

Compound feed producer
40 100 t (0,2 % of the total compound feed in 2015)

(Agreste, 2017)

Use for food

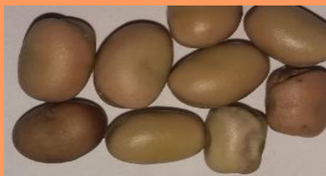
127 000 t

(Terres Univia, estimation 2015 - 2017)

LEGVALUE

Scheme modified to COSELAG

France
Field beans



Basic scheme of resources and use

Update: 23-05-2019

Breeders
Agri Obtentions, RAGT, Limagrain

(Expert, 2019)

Registered varieties
15 spring varieties
14 Winter varieties

(GEVES, 2019)

Seed import
3 043 quintals

(Gnis, average 2015-2017)

Seed
3 026 ha
50 422 quintals

(Gnis, average 2015-2017)

Seed export
1 056 quintals

(Gnis, average 2015-2017)

Production
249 000 t - 85 233 ha - 29 q/ha
(proportion of bio.: 21 % of cultivated area in 2017)

(Terres Univia, estimation 2015 - 2017)
(AgenceBio, 2017)

Initial stock
46 000 t

(FranceAgrimer, average 2015 - 2017)

Import
20 538 t

(Eurostat, average 2015 - 2017)

Total resources
315 600 t

(Terres Univia, estimation 2015 - 2017)

Export
89 220 t

(Eurostat, average 2015 - 2017)

EU-countries
23 631 t

Non EU-countries
65 589 t

Use for food
10 000 t

(FranceAgrimer, estimation 2015 - 2017)

Seed
16 000 t

(FranceAgrimer, estimation 2015 - 2017)

Use for feed
161 000 t

(FranceAgrimer, estimation 2015 - 2017)

Compound feed producer
35 900 t (0,2 % of total compound feed in 2015)

(Agreste, 2017)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

France Soybeans

Basic scheme of resources and use

Update: 23-05-2019

Breeders

RAGT, Euralis semences

(Expert, 2019)

Registered varieties

65 varieties

(GEVES, 2019)

Seed Import

2 660 quintals

(Gnis, average 2015-2017)

Seed

4 843 ha

95 938 quintals

(Gnis, average 2015-2017)

Seed export

17 259 quintals

(Gnis, average 2015-2017)

Production

363 333 t - 134 000 ha - 27 q/ha

(proportion of bio.: 17 % of cultivated area in 2017)

(Terres Univia, estimation 2015 - 2017)

(AgenceBio, 2017)

Initial stock

60 000 t

(FranceAgrimer, average 2015 - 2017)

Total resources

1 215 500 t

(Terres Univia, estimation 2015 - 2017)

Export

Soybeans: 104 256 t

Soy meals: 51 665 t

(Eurostat, average 2015 - 2017)

Import

Soybeans: 792 138 t

(Eurostat, average 2015 - 2017)

Non EU-countries

643 791 t

EU-countries

148 347 t

Use for feed

829 000 t

(Terres Univia, estimation 2015 - 2017)

Seed

8 000 t

(Terres Univia, estimation 2015 - 2017)

Use for food

50 000 t

(Terres Univia, estimation 2015 - 2017)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

United Kingdom (UK)

- Green numbers = Upward trend
- Red numbers = Downward trend
- Black numbers = constant or volatile trend

Abbreviation

- NC: National consuption

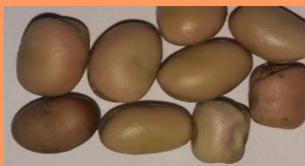
For more details: http://www.legvalue.eu/media/1346/market-analysis-of-legumes-in-the-uk.pdf.

<u>Contact persons</u>:

Roger Vickers (Roger@pgro.org)

LEGVALUE

UK
Faba beans



Basic scheme of resources and use

update: 16-01-2019

Breeders
More than 7 (from different countries)

Registered varieties
27
(EU Plant Varieties Catalogue)

Seed multipliers
32 actually
(PGRO,2018)

Seed producer compagnies
> 800 companies
(APHA)

Seed
6 350ha
(PGRO)

Seed import
no
(Estimation of PGRO)

Seed production
13 064 t (Farm saved Seed) (BSPB)
16 900 t (Certified seed) (NIAB)
(BSPB, 2017; NIAB, 2017)

Seed export
no
(Estimation of PGRO)

Production
718 000 t - 180 000 ha - 3,9 t/ha - (also the proportion of bio.: ~ 2 - 5 %)
(Eurostat, avarage 2015 – 2017) and (Expert´s estimations)

Import
720 t
(HMRC, average 2015 - 2017)

National consumption
562 000 t
(Calculated, 2015 - 2017)

Export
157 000 t
(HMRC, average 2015 - 2017)

seed
~ 29 900 t in 2017.
(BSPB + NIAB, 2017)

Use for food
~ 10 % of NC
(Expert´s estimations)

Use for feed
~ 85 % of NC
(Expert´s estimations)

Intra (and inter) farm use
~15 – 20 % of production
(Expert´s estimations)

Compound feed producer
~150 000 t
~21 % of production
(AHDB, average 2015 – 2017 in Great Britain)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

UK
Field peas

Basic scheme of resources and use

update: 16-01-2019

Breeders
More than 9 (from different countries)

Registered varieties
57
(*EU Plant Varieties Catalogue*)

Seed producer compagnies
> 800 companies
(*APHA*)

Seed multipliers
32
(*PGRO, 2018*)

Seed import
445 t
(*HMRC, average 2015 - 2017*)

Seed production
1,500t (Farm saved seed) (BSPS)
5,865t (Certified seed) (NIAB)
(*BSPB, 2017; NIAB, 2017*)

Seed export
337 t
(*HMRC, average 2015 - 2017*)

Production
175 000 t - 45 000 ha - 3,9 t/ha
(proportion of bio.: ~ 1 %)
(*Eurostat, avarage 2015 – 2017) and (Expert´s estimations*)

Import
12 000 t
(*HMRC, average 2015 - 2017*)

Total resources
169 000 t
(*Calculated, 2015 - 2017*)

Export
19 000 t
(*HMRC, average 2015 - 2017*)

Use for food
~ 80 – 90 % of NC
(*Expert´s estimations*)

seed
~ 7 500 t
(*BSPB + NIAB, 2017*)

Use for feed
~10 % micronised feed
~ 11 % for standard feed
(*Expert´s estimations*)

Compound feed producer
~ 20 000 t
~ 11 % of production
(*AHDB, average 2015 - 2017*)

LEGVALUE

Scheme modified to COSELAG (2016-2017)

Dear readers,

We cannot guarantee the accuracy of this data, as it is compiled from various sources and our own calculations. Do not hesitate to contact us if you have better data or other estimates.

Bruno Kezeya Sepngang

Agrarökonomie

Fachhochschule Südwestfalen

Agrarwirtschaft Soest

Lübecker Ring 2

59494 Soest

Tel. 02921 / 378 – 3283

Fax: 02921 / 378 – 3200

Mail: kezeyasepngang.bruno@fh-swf.de

LEGVALUE