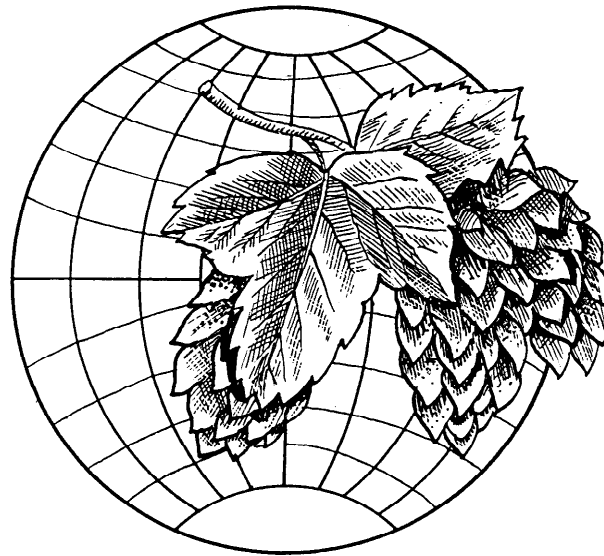


INTERNATIONAL HOP GROWERS' CONVENTION



ECONOMIC COMMISSION - SUMMARY REPORTS

FREISING, GERMANY

JULY, 2016



International Hop Growers' Convention

IHGC - Economic Commission Summary Reports

Freising, Germany - July, 29, 2016

Country	Hop Acreage 2015 (Hectares, Ha)					Hop Production 2015 (in MT = 1.000 kg)				Alpha acid Prod. MT	Hop Acreage 2016 (Hectares, Ha) estimations					Hop Production 2016 (in MT = 1.000 kg) estimations				Alpha acid Prod. MT
	Aroma	Alpha	Hop area ¹	New	Total	Aroma	Alpha	Total	Aroma		Alpha	Hop area ¹	New	Total	Aroma	Alpha	Total	MT		
Australia*	88	400	488	0	488	200	1 001	1 201	150	100	445	545	57	545	205	900	1 105	130		
Austria	187	58	245	4	249	219	79	298	20	187	58	245	5	250	330	120	450	37		
Belgium	82	66	148	0	148	82	105	187	15	89	60	149	7	149	98	96	194	17		
China*	300	2 270	2 570	0	2 570	300	5 700	6 000	440	200	1 800	2 000	0	2 000	300	4 200	4 500	300		
Czech Republic	4 149	43	4 192	430	4 622	4 764	79	4 843	130	4 393	43	4 436	347	4 783	5 915	85	6 000	240		
France	364	49	413	27	440	491	64	555	25	381	33	414	45	459	690	60	740	23		
Germany	9 675	7 019	16 694	1 153	17 847	13 790	14 547	28 337	2 525	10 063	7 254	17 317	1 281	18 598	18 320	17 350	35 670	3 900		
New Zealand	329	60	389	0	389	600	139	739	70	355	57	412	0	412	679	115	794	75		
Poland	574	790	1 364	81	1 444	826	1 416	2 242	180	619	825	1 444	80	1 524	991	1 566	2 557	200		
Romania	63	187	250	20	270	57	138	195	20	68	202	270	12	282	63	133	196	20		
Russia [°]	84	54	138	20	158	92	70	162	9	84	54	138	20	158	92	70	162	9		
Serbia [°]	34	33	67	12	79	58	76	134	11	34	33	67	12	79	58	76	134	11		
Slovakia	137	0	137	0	137	94	0	94	3	137	0	137	0	137	151	0	151	8		
Slovenia	1 203	25	1 228	175	1 403	1 637	40	1 677	120	1 312	23	1 335	149	1 484	2 500	50	2 550	180		
South Africa [°]	0	420	420	0	420	0	820	820	108	0	420	420	0	420	0	820	820	108		
Spain	0	530	530	0	530	0	1 115	1 115	124	0	536	536	6	536	0	1 115	1 115	124		
Ukraine [°]	309	60	369	0	369	400	80	480	30	309	60	369	0	369	400	80	480	30		
UK-England	685	210	895	5	895	900	457	1 357	81	685	210	895	5	895	1 000	450	1 450	100		
USA	13 653	4 654	18 307	2 925	18 307	21 000	15 447	36 447	3 856	17 495	4 039	21 534	3 227	21 534	29 000	12 500	41 500	4 100		
IHGC	31 916	16 928	48 844	4 852	50 765	45 510	41 373	86 883	7 917	36 511	16 152	52 663	5 253	54 614	60 792	39 786	100 568	9 612		

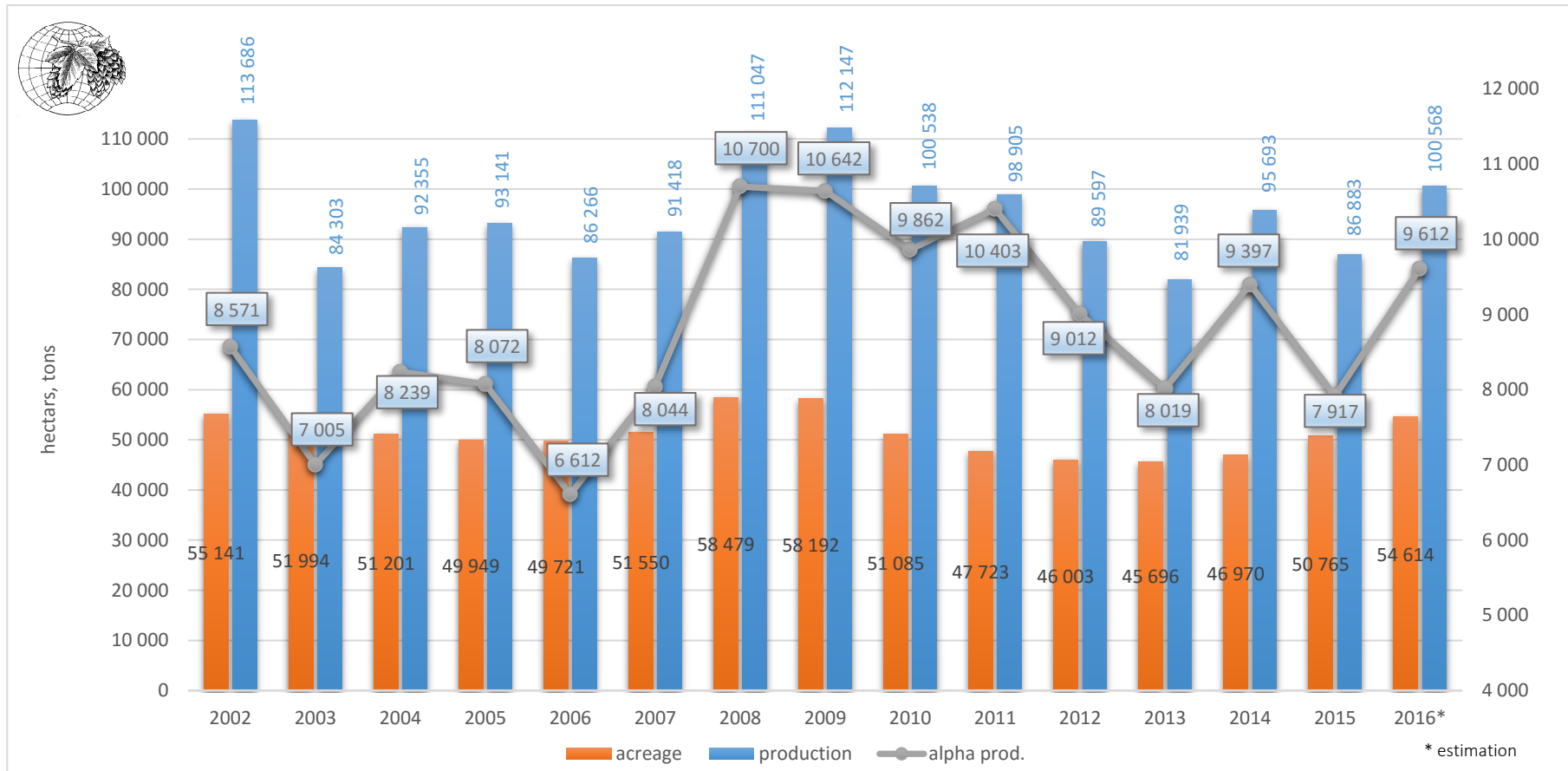
[°] Since no country updates were available, figures from Paris 2016 were used.

¹ Acreage without new hop areas

* IHGC estimation

Difference Σ 2016-2015 4 595 -776 3 819 401 **3 849** 15 282 -1 587 **13 685** **1 695**

Figure 1: Comparison of IHGC crops 2002 - 2016* (acreage, production, alpha acids production)



International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

Austria

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma	10,5	4,8	21,5	6,5	10,9	104,1
Alpha	9,5	12,0	15,6	13,0	6,1	64,6
Total	20,0		37,1			

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons	441	410	350	320	320	20
% Crop / Year N	98	85	78	70	70	5

Unsold Hops (Mt) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production				
- Sold Production				
= Unsold Hops				
% unsold Hops				

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops	6,5	0			
Alpha Hops	3,9	0			
Average Price					
Contract Prices					
Aroma Hops	6,5	6,5	7,3	12,3	Erzeugerpreis / kg RH
Alpha Hops	7,2	7,2	7,7	6,9	Erzeugerpreis / kg RH
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date: 19.07.2016

Member Organization:

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:
Belgium

Hop Area (Ha = Hectares)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	82	89	7	
Alpha	66	60	-6	
Total	148	149	1	

New Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)
Aroma		7
Alpha		-6
Total		1

TOTAL Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	82	89		
Alpha	66	60		
Total	148	149		

Production MT=Metric Tons	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	81,86	97,90		
Alpha	104,78	96,00		
Total	187	193,90		

Yield MT/Ha	Year N-1 2015	Year N 2016 (estimate)	Difference %
Aroma		1,1	
Alpha		1,6	
Total			

Main Varieties (Ha = Hectares)	Year N-1 Total Acreage	Year N Total Acreage	Difference	Year N-1 Alpha %	Year N Alpha %	Difference N-(N-1)
Aroma						
Golding		32				
Challenger		19,7				
Cascade		8,2				
Alpha						
Magnum		17,8				
Target		32,05				

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country: Belgium

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma			5,0	5,0		
Alpha			12,0	10,0		
Total						

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N	80%	60%	60%	40%	40%	40%

Unsold Hops (Mt) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production				
- Sold Production				
= Unsold Hops				
% unsold Hops		0	0	

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Average Prices					
Aroma Hops			7,75		
Alpha Hops			4,5		
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

At the end of May and the first half of June there was abundant rainfall.
 On the 30th May in the afternoon 86 l. pro m².
 Some hop surfaces came under water.
 The yield pro hectare will be 15% lower for 2016.
 An increased demand for aroma hops is still topical.

Belgium, Date: 26.07.2016

Member Organization(s): Joris Cambie

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country: Czech Republic

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma	124,5		230,0		105,5	84,7
Alpha	5,5		10,0		4,5	81,8
Total	130,0		240,0		110,0	84,6

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N	100	100	100	95	90	

Unsold Hops (M1) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production				
- Sold Production				
= Unsold Hops				
% unsold Hops				0

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops	6,5	6,8			farmer price
Alpha Hops	4	4,5			farmer price
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date:
22.07.2016

Member Organization(s):
Hop Growers Union of the Czech Rep.

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

France

Hop Area (Ha = Hectares)	Year N-1 2015	Year N 2016	Difference N - (N-1)	Difference %
Aroma	364	381	17	104,7%
Alpha	49	33,4	-16	68,2%
Total	413	414	1	100,2%

New Hop Area (Ha)	Year N-1 2015	Year N 2016
Aroma	27	42
Alpha	-	2,6
Total	27	44,6

TOTAL Hop Area (Ha)	Year N-1 2015	Year N 2016	Difference N - (N-1)	Difference %
Aroma	403	423	20	105,0%
Alpha	37	36	-1	97,3%
Total	440	459	19	104,3%

Production MT=Metric Tons	Year N-1 2015	Year N 2016 0	Difference N - (N-1)	Difference %
Aroma	491	690	199	140,5%
Alpha	64	60	-4	93,8%
Total	555	740	185	133,3%

Yield MT/Ha	Year N-1 2015	Year N 2016 0	Difference %
Aroma	1,2	1,7	1,4
Alpha	1,7	2,0	1,2
Total	1,3	1,7	1,3

Main Varieties (Ha = Hectares)	Year N-1 Total Acreage	Year N Total Acreage	Difference	Year N-1 Alpha %	Year N Alpha %	Difference N-(N-1)
Aroma						
Strisselspalt	180	180	0	1,20	2,00	
Aramis	46	48	2	5,10	5,80	
Tradition	32	29	-3	3,50	4,80	
Triskel	21	22	1	2,20	3,50	
Fuggle	38	44	6	2,70	4,60	
Golding	37	42	5	1,50	3,50	
Challenger	6	6	0	6,35	6,30	
Barbe-Rouge	2	8	6	6,60	6,00	
Mistral	5	6	1	4,64	5,50	
Alpha						
Columbus	9,3	5,5	-3,8	8,40	10,00	
Brewers Gold	10,8	15	4,2	4,00	5,50	
Nugget	16	6	-10	8,00	10,00	
Magnum	5	5	0	12,00	12,00	
Target	5	5,6	0,6	10,30	10,50	

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

France

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	0	%		%
Aroma	17,2	3,2	17,0	2,5	-0,2	1,0
Alpha	7,8	7,4	6,0	10,0	-1,8	0,8
Total	25,0	3,9	23,0	3,0	-2,0	0,9

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N	100	95	90	80	70	50

Unsold Hops (Mt) : Crop Year	2015	Aroma	Alpha	Total
Total Hop Production		491	64	555
- Sold Production		491	64	555
= Unsold Hops		0	0	0
% unsold Hops		0	0	0

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date:
June 28, 2016

Member Organization(s):
AGPH
Francis Heitz

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

Germany

Hop area (ha)	Year N-1 2015	Year N 2016	Difference N - (N-1)	Difference %
Aroma	9675	10063	388	4,0
Alpha	7019	7254	235	3,3
Total	16694	17317	623	3,7

New Hop Area (ha)	Year N-1 2015	Year N 2016
Aroma	656	471
Alpha	497	810
Total	1153	1281

TOTAL Hop area (ha)	Year N-1 2015	Year N 2016	Difference N - (N-1)	Difference %
Aroma	10331	10534	203	2,0
Alpha	7516	8064	548	7,3
Total	17847	18598	751	4,2

Production MT	Year N-1 2015	Year N 2016 estimate	Difference N - (N-1)	Difference %
Aroma	13 790	18 320	4 530	32,8
Alpha	14 547	17 350	2 803	19,3
Total	28 337	35 670	7 333	25,9

Yield MT/HA.	Year N-1 2015	Year N 2016 estimate	Difference %
Aroma	1,3	1,7	30,3
Alpha	1,9	2,2	11,2
Total	1,6	1,9	20,8

Main Varieties (Ha = Hectares)	Year N-1 Total Acreage	Year N Total Acreage	Difference	Year N-1 Alpha %	Year N Alpha %	Difference N-(N-1)
Aroma						
Perle	3187	3093	-94	4,5	7,5	3
Hall. Tradition	2914	2827	-87	4,7	6,1	1,4
Hersbrucker	954	943	-11	2,3	2,8	0,5
Hallertauer	746	733	-13	2,8	3,8	1
Tettnanger	744	732	-12	2,1	3,7	1,6
Spalter Select	533	534	1	3,2	4,9	1,7
Saphir	423	450	27	2,5	4,1	1,6
Spalter	113	119	6	2,2	3,7	1,5
Mand. Bavaria	207	346	139			0
Alpha						
Herkules	4152	4884	732	15,1	16,7	1,6
Hall. Magnum	2353	2196	-157	12,2	12,7	0,5
Hall. Taurus	465	357	-108	12,9	16,3	3,4
North. Brewer	238	266	28	5,4	8,9	3,5
Nugget	162	152	-10	9,2	9,9	0,7
Polaris	60	106	46			0
Hall. Merkur	26	21	-5			0
Brewers Gold	17	17	0			0
Comet	5	7	2			0

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

Germany

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	estimate	%		%
Aroma	543,0	3,9	1100,0	6,0	557,0	2,1
Alpha	1982,0	13,6	2800,0	16,1	818,0	2,5
Total	2 525	8,9	3900,0	10,9	1375,0	2,0

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric Tons	33479	34804	34195	30239	27825	15654
% Crop / Year N	94	98	96	85	78	44

Unsold Hops (MT) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production		13 790	14 547	28 337
- Sold Production		13 790	14 547	28 337
= Unsold Hops		0,00	0,00	0,00
% unsold Hops		0	0	0

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. 2015 vs. 2014	Kind of Price
Spot Prices					
<i>Aroma Hops</i>	5,61	9,09		62,00	Farmer Price
<i>Alpha Hops</i>	4,25	5,48		28,90	Farmer Price
Average Price	4,78	6,5		36,00	Farmer Price
Contract Prices					
<i>Aroma Hops</i>	4,8	4,92		2,50	Farmer Price
<i>Alpha Hops</i>	4,05	3,74		-7,70	Farmer Price
Average Price	4,45	4,34		-2,50	Farmer Price
Average Prices					
<i>Aroma Hops</i>	4,94	5,15		4,30	Farmer Price
<i>Alpha Hops</i>	4,1	3,97		-3,20	Farmer Price
AVERAGE	4,52	5,54		22,60	Farmer Price

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date:

Germany

26.07.2016

Verband deutscher Hopfenpflanzer

gez. Brunner



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Press Release:

Crop Report and Industry Update April 2016

The New Zealand Hop Industry production volume for 2016 was 794,017 kilograms comprising 16 unique New Zealand varieties and 8 northern types with a mix of these totalling 25,220 kilograms produced as certified organics. (Table #1). Harvesting commenced in mid-February with the northern varieties, Golding and Fuggle followed by the early maturing New Zealand variety Pacifica. Hop grower's harvest several varieties throughout the season and plantings are such that picking can be scheduled as the individual varieties reach maturity within specific harvest windows. The weather conditions during the harvest were for the most part ideal, although some severe winds and torrential rains did occur mid-way with detrimental effects on mid-season varieties in some regions. A garden was brought down under the weight of the drenched bines, compounded further by a battering of gale force winds. In most areas string breakages created issues with plants needing to be re-fixed to the wire work.

The growing season was a mix of weather conditions and events with early indications supporting the El Niño predictions of severe dry spells and drought conditions throughout the summer months. Fortunately the summer brought with it generous sunshine hours well timed and good levels of rainfall which set the plants up for the run into autumn. The summer did not surrender a single day during February and the growing conditions were text book well into harvest. Unfortunately though, a severe weather event driven by a tropical depression mid-season brought with it torrential rain that delivered high volumes of water. This damaged plants and gardens, creating losses and halted picking operations. When the sun reappeared it brought several days of extreme heat accompanied by plunging overnight temperatures which hastened plant maturity rates requiring growers to step up the pace to bring the remainder of the crop in.

With Easter and the end of harvest approaching the tropical weather patterns still hadn't finished and another major storm event, producing over two hundred millimetres of rain overnight, forced the breaching of river banks which caused severe flooding throughout the Motueka and Riwaka townships. Harvesting was halted while growers waited for the water to subside, get machinery back into the gardens and restart picking operations to finish the harvest. By early April the harvesting had ended with 6,405 bales (an increase of 457 on the 2015 harvest) received into the New Zealand Hops Limited cold storage and processing facility in Appleby.

Yield / Alpha Performance:

- In general terms yield performance could be said to be above average across nearly all varieties with some very good results being seen in early varieties such as Cascade and Motueka. The overall quality of hops seen across the district was high with the Wakatu variety in particular enjoying the excellent growing conditions.
- Shortfalls occurred in the Nelson Sauvín, Riwaka and Green Bullet varieties which were impacted either by unfavourable conditions or severe weather events during harvest. Nelson Sauvín in particular was extremely hard hit in localised areas by unfavourable conditions where the plants were unable to recover as the elements brought about a premature senescence.
- Alpha Acid levels were up across all varieties and in some cases more than 1 % higher than long term averages. It is not possible to say with any certainty why the alpha acid levels increase or decrease seasonally and it is not generally a trend across all varieties. It is believed that favourable conditions in the late spring and early summer play a role in setting up plant chemistry. Wakatu was an example of how the conditions suited, as this year it not only displayed excellent yield performance but also above average alpha acid levels.

Main Harvest Points:

- The 2016 harvest was completed by 18 grower / shareholders supplying their hops through the cooperatively owned company of New Zealand Hops Limited.
- Cultivation continues to be dominated by designated aroma/flavour varieties at 355 Hectares while Alpha designated production continued to fall to 57 Hectares. An overall total of 412 Hectares was harvested, an increase of 23 hectares from 2015 harvest (389 Ha)
- Total volume harvested was 794,017 kilograms which is an increase of 55,284 kilograms on the 2015 harvest (738,733 kg) Aroma / Flavour designated hops accounted for 679,178 kilograms with alpha designated varieties at 114,839 kilograms.
- The average alpha acid was 10.2 % with the highest commercial variety being 06.05-22-02 (formerly known as “Brooklyn”) at 18.3 % and the lowest being Wai-iti at 3.0 %. Average bale moistures were 9.25 % and Hop Storage Index (HSI) was an average of 0.224 across all bales and varieties delivered.

* Note: Limitations in reporting now exist in the demarcation of alpha and aroma designation of hop varieties given that current brewing practices now see varieties of either ilk being used in dual purpose applications.

Market & Outlook

- The 2016 crop was approximately 94 % sold prior to harvest with a post-harvest view that the total crop will be sold prior to the 2017 harvest.
- Some spot availability has resulted in certain varieties from the 2016 harvest albeit limited initially until some balancing of contracts can be concluded. The current market demand for New Zealand Hops and specialty hops in general will continue as the growth in craft brewing continues.
- Industry investment looks set to continue with new development planned in standing of gardens for increased plantings and harvesting infrastructure. Investment in post-harvest capability will also be required to handle an increasing crop and while cold storage is currently sized to meet an increase, packaging technology, materials handling and warehousing are all areas that will see further development.
- Research and development will continue to be a major focus of the industry through our research partnership with New Zealand Plant and Food Research. Plant breeding remains at the forefront of the programme and new selections were identified through our pilot brewing trials during this season.

Table # 1 Harvest Volumes by Variety

New Zealand Varieties	Quantity	Northern Varieties	Quantity
	(Kg)		(Kg)
Nelson Sauvín	168,538	Cascade	47,490
Motueka	136,358	Chinook	2,230
Wakatu	91,119	Fuggle	2,100
Pacifica	42,177	Styrian Golding	1,630
Green Bullet	38,183	Willamette	850
Pacific Gem	37,887	Golding	580
Rakau	35,278	Wye Challenger	425
Pacific Jade	34,115	Liberty	360
Dr Rudi	31,235		
Southern Cross	26,878	Total Northern Varieties	55,665
Waimea	22,290		
Wai-iti	16,342	Organic Varieties	Quantity
Riwaka	14,443		(Kg)
Kohatu	11,077	Wakatu	7,960
Sticklebract	4,012	Cascade	5,500
06. 05-22-02 *	3,000	Nelson Sauvín	4,200
Trials	200	Pacific Gem	3,430
* formerly Brooklyn		Nelson Sauvín	1,600
Total NZ Varieties	713,132	Rakau	2,140
		Wai-iti	390
		Total Organic	25,220
		Harvest Total	794,017

Doug Donelan CEO April 2016

Release ends.....

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

Poland

Hop Area (Ha = Hectares)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	573,79	619,43	46	8,0
Alpha	789,78	824,67	35	4,4
Total	1363,57	1444,1	81	5,9

New Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)
Aroma	45,64	40
Alpha	34,89	30
Total	80,53	80

TOTAL Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	619,43	669,43	50	8,1
Alpha	824,67	854,67	30	3,6
Total	1444,1	1524,1	80	5,5

Production MT=Metric Tons	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	826	991	165	20,0
Alpha	1 416	1 566	150	10,6
Total	2 242	2 557	315	14,0

Yield MT/Ha	Year N-1 2015	Year N 2016 (estimate)	Difference %
Aroma	1,4	1,6	
Alpha	1,8	1,9	
Total	1,6	1,8	

Main Varieties (Ha = Hectares)	Year N-1 Total Acreage	Year N Total Acreage	Difference	Year N-1 Alpha %	Year N Alpha %	Difference N-(N-1)
Aroma						
Lubelski	392,7	432,7	40			
Lomik	4,14	4,14	0			
Perle	61,1	61,1	0			
Sybilla	79,97	79,97	0			
HT	79,52	79,52	0			
Puławski	0,83	0,83	0			
Cascade	1,17	1,17	0			
Alpha						
Marynka	293,26	293,26	0			
Magnum	501,62	501,62	0			
lunga	4,98	4,98	0			
Klony hodowlane	2,35	2,35	0			
Taurus	8,22	8,22	0			
Magnat	13,68	43,68	30			
Oktawia	0,56	0,56	0			

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

Poland

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma	32,4	3,9				
Alpha	148,0	10,5				
Total	180,4	8,0				

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N						

Unsold Hops (Mt) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production		825,82	1416,19	2242,01
- Sold Production		825,82	1416,19	2242,01
= Unsold Hops		0	0	0
% unsold Hops		0	0	0

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops	4,08	7			
Alpha Hops	3,3	4,65			
Average Price	3,69	5,83			
Contract Prices					
Aroma Hops	3,36	4,47			
Alpha Hops	2,93	3,54			
Average Price	3,15	4			
Average Prices					
Aroma Hops	3,72	5,73			
Alpha Hops	3,12	4,1			
AVERAGE	3,42	4,92			

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date:
27.07.2016

Member Organization(s):
Polish Hop Growers Association

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country: Romania

Hop Area (Ha = Hectares)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	63	68	5	7,9
Alpha	187	202	15	8,0
Total	250	270	20	8,0

New Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)
Aroma	5	7
Alpha	15	5
Total	20	12

TOTAL Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	68	75	7	10,3
Alpha	202	207	5	2,5
Total	270	282	12	4,4

Production MT=Metric Tons	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	57	63	6	10,5
Alpha	138	133	-5	-3,6
Total	195	196	1	0,5

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-12

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Yield MT/Ha	Year N-1 2015	Year N 2016 (estimate)	Difference %
Aroma	0,90	0,93	22,1
Alpha	0,74	0,66	27,1
Total	0,78	0,73	25,6

Main Varieties (Ha = Hectares)	Year N-1 Total Acreage	Year N Total Acreage	Difference	Year N-1 Alpha %	Year N Alpha %	Difference N-(N-1)
Aroma						
Perle	38	45	7	9,2	9,0	-0,2
Huller Bitter	30	30	0	7,8	7,5	-0,3
	68	75	7			
Alpha						
Magnum	93	98	5	12,2	13,0	0,8
Merkur	29	29	0	12,5	13,0	0,5
Brewers Gold	80	80	0	8,1	7,7	-0,4
	202	207	5			

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

Romania

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma	5,1	8,9	5,3	8,4	0,2	3,8
Alpha	15,0	10,9	14,7	11,0	-0,3	-2,1
Total	20,1	10,3	20,0	10,2	-0,1	-0,6

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons	200	270	290	290	300	
% Crop / Year N	98	73	90	100	100	

Unsold Hops (MT) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production		57	138	195
- Sold Production		57	138	195
= Unsold Hops		0	0	0
% unsold Hops				

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

In the 2016 June 15 we had a hailstrom damage 91 ha area.
The production are desceased with 20 -30 %.

Country, Date:
13-VII-2016

Member Organization(s):
MORA ACATIU ERVIN

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country: Slovakia

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma						
Alpha						
Total	3,0		8,0		5,0	166,7

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N	100	100	100			

Unsold Hops (Mt) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production				
- Sold Production				
= Unsold Hops				
% unsold Hops				0

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops		7			farmer price
Alpha Hops					farmer price
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date:
27.07.2016

Member Organization(s):
Marian Menšík

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country: Slovenia

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma						
Alpha						
Total	120,0		180,0			

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N	95	85	80	60	20	20

Unsold Hops (MT) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production				1677
- Sold Production				1677
= Unsold Hops				0
% unsold Hops				0

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Average Prices	5,4	4,5 - 6,0			
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

A demand for the Styrian aroma hops made some growers enlarging their acreage. Furthermore, a recorded interest for flavour hops of the Slovenian origine is reflected in increasing the hop acreage with new flavour varieties, such as Styrian Wolf and Styrian Cardinal.

Country, Date:
Slovenia, July 22, 2016

Member Organization(s):
Hop Growers of Slovenia /
Hmezad exim / Inbarco

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:
SPAIN

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma						
Alpha	124,0		124,0			
Total						

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons	1.100	1.100	1.100			
% Crop / Year N						

Unsold Hops (MT) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production			1115	1115
- Sold Production			1115	1115
= Unsold Hops				
% unsold Hops				

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices	3,72	3,54	4,5		
Aroma Hops					
Alpha Hops					
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date:

A.P.A. 001 Member Organization(s):
S.A.T. n° 6.594 LUPULOS DE LEON
LUPULOS DE LEON
 C.I.F. V-24047425
 Las Eras, 10
 24270 CARRIZO DE LA FIBERA
 LEON

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country:

UK

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma						
Alpha						
Total	80,5	5,6	100,0			

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N	100	100	100	100		

Unsold Hops (Mt) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production				
- Sold Production				
= Unsold Hops				
% unsold Hops				

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops					farmer price
Alpha Hops					farmer price
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE					

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Country, Date:
25.07.2016

Member Organization(s):
Data confirmed by Alison Capper

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country: USA

Hop Area (Ha = Hectares)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	13 653	17 495	3 842	28,1%
Alpha	4 654	4 039	-615	-13,2%
Total	18 307	21 534	3 227	17,6%

+3,028 for Pacific Northwest and

New Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)
Aroma		
Alpha		
Total		

+332 ha for other states.

TOTAL Hop Area (Ha)	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	13 653	17 495	3 842	28,1%
Alpha	4 654	4 039	-615	-13,2%
Total	18 307	21 534	3 227	17,6%

Includes 750 ha outside of Pacific Northwest

Production MT=Metric Tons	Year N-1 2015	Year N 2016 (estimate)	Difference N - (N-1)	Difference %
Aroma	21 000	29 000	8 000	38,1%
Alpha	15 447	12 500	-2 947	-19,1%
Total	36 447	41 500	5 053	13,9%

Yield MT/Ha	Year N-1 2015	Year N 2016 (estimate)	Difference %	Pounds/Acre
Aroma	1,54	1,66		1 479
Alpha	3,32	3,09		2 761
Total	1,99	1,93		1 719

Individual Varieties (Ha = Hectares)	Year N-1 Total Acreage	Year N Total Acreage	Difference	Year N-1 Alpha %	Year N Alpha %	Difference N-(N-1)
Aroma/Dual				8,6%		
Azacca™, ADHA-483	73	203	130			
Cascade*	2 800	3 283	483	2983 PNW+300 other*		
Centennial*	1 930	2 227	297	2027 PNW+200 other*		
Citra®, HBC 394	1 169	1 793	624			
Chinook	700	996	296			
El Dorado	181	270	89			
Jarrylo™, ADHA-881	49	51	2			
Mosaic™, HBC 369	724	1 100	376			
Pekko™, ADHA-871	8	44	36			
Simcoe®, YCR 14	1 322	1 764	442			
Willamette	575	586	11			

*Total other (non-PNW) acreage estimated at 849 ha. The 2 most prevalent varieties are Cascade and Centennial, so estimates are included to represent a contribution from those 26 additional states.

Alpha				14,2%		
Apollo™	402	301	-101			
Bravo™	295	219	-76			
CTZ	2 160	1 821	-339			
Nugget	662	648	-14			
Summit™	685	713	28			
Super Galena™	206	180	-26			

International Hop Growers' Convention

IHGC-Economic Committee: July 2016 - Freising, Germany

Country: USA

Alpha Prod.	Year N-1	2015	Year N	2016	Difference	N-(N-1)
Metric Tons	Metric Tons	Av. Contents	Metric Tons	Av. Contents	Metric Tons	Av. Contents
		%	(estimate)	%		%
Aroma						
Alpha						
Total	3 856	10,6				

Contract	Year N	Year N+1	Year N+2	Year N+3	Year N+4	Year N+5
Situation	2016	2017	2018	2019	2020	2021
Metric tons						
% Crop / Year N	98	98	98	80	80	50

Unsold Hops (MT) : Crop Year (N-1)	2015	Aroma	Alpha	Total
Total Hop Production				
- Sold Production				
= Unsold Hops				
% unsold Hops				

Hop Prices Euro / Kg	Year (N-2) 2014	Year (N-1) 2015	Year (N) 2016	% Diff. N vs. (N-1)	Kind of Price
Spot Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Contract Prices					
Aroma Hops					
Alpha Hops					
Average Price					
Average Prices					
Aroma Hops					
Alpha Hops					
AVERAGE	US\$3.67/lb	US\$4.38/lb			
	7.10 Euro/kg	8.47 Euro/kg			

COMMENTS ON HOP PRODUCTION AND MARKET SITUATION

Exchange rate \$1 USD = 0.878 Euro (5 April 2016)

Alpha and aroma variety totals are based on the IHGC list of World Hop Varieties. Those varieties classified as "Dual" are included in the Aroma category for consistency. Varieties listed in the "Other" category in the US statistical reports produced by USDA-NASS are included in Aroma. This insures that Dual purpose and Other varieties are classified consistently throughout the year. The USDA statistical reporting system is voluntary, and individual varieties are not reported if three or fewer growers have the variety in each state. Alpha percentages are reported as 10% lower than spectro levels, to be more consistent with EBC results.

Country, Date:
USA

VII.16

Member Organization(s):
Hop Growers of America

North American Hop Acreage Estimate			June 27, 2016	
2016 June Strung for Harvest				
Prepared by Hop Growers of America				
Contact Ann George, 509-453-4749, info@usahops.org				
STATE/PROVINCE & VARIETY	ACRES STRUNG FOR HARVEST			2015-16
	2015 ac	2016 ac	2016 ha	% +/-
ARIZONA	1.0	1.0	0.4	
CALIFORNIA	85.0	130.0	52.6	52.94%
COLORADO	125.0	200.0	80.9	60.00%
CONNECTICUT		15.0	6.1	
IDAHO #				
Apollo™	286.0	*	*	
Bravo™	166.0	*	*	
Calypso™	81.0	80.0	32.4	-1.23%
Cascade	770.0	1,035.0	418.8	34.42%
Centennial	*	*	*	
Chinook	358.0	423.0	171.2	18.16%
Citra®, HBC 394	412.0	569.0	230.3	38.11%
Crystal	*	121.0	49.0	
El Dorado®	205.0	221.0	89.4	7.80%
Mosaic®, HBC 369	272.0	486.0	196.7	78.68%
Simcoe®, YCR 14	199.0	242.0	97.9	21.61%
Super Galena™	92.0	69.0	27.9	-25.00%
Zeus	661.0	582.0	235.5	-11.95%
Experimental	72.0	20.0	8.1	-72.22%
Other Varieties	1,289.0	2,123.0	859.1	64.70%
TOTAL IDAHO #	4,863.0	5,971.0	2,416.3	22.78%
ILLINOIS	30.0	30.0	12.1	0.00%
INDIANA	25.0	50.0	20.2	100.00%
IOWA	30.0	40.0	16.2	33.33%
KENTUCKY		20.0	8.1	
MAINE	11.5	24.0	9.7	108.70%
MARYLAND	15.0	15.0	6.1	0.00%
MASSACHUSETTS		25.0	10.1	
MICHIGAN	320.0	650.0	263.0	103.13%
MINNESOTA	26.0	73.0	29.5	180.77%
MONTANA	1.0	5.0	2.0	400.00%
NEBRASKA	17.0	24.0	9.7	41.18%
NEW HAMPSHIRE		2.0	0.8	
NEW JERSEY		15.0	6.1	
NEW YORK	250.0	300.0	121.4	20.00%
NORTH CAROLINA	40.0	30.0	12.1	-25.00%
NORTH DAKOTA		2.0	0.8	
OHIO	50.0	70.0	28.3	40.00%
OREGON #				
Cascade	1,085.0	1,160.0	469.4	6.91%
Centennial	631.0	701.0	283.7	11.09%
Chinook	129.0	106.0	42.9	-17.83%

STATE/PROVINCE & VARIETY	ACRES STRUNG FOR HARVEST			2015-16
	2015 ac	2016 ac	2016 ha	% +/-
Citra®, HBC 394	246.0	538.0	217.7	118.70%
Crystal	377.0	433.0	175.2	14.85%
Fuggle	85.0	113.0	45.7	32.94%
Golding	238.0	265.0	107.2	11.34%
Liberty	210.0	155.0	62.7	-26.19%
Magnum	199.0	152.0	61.5	-23.62%
Mosaic®, HBC 369	*	194.0	78.5	
Mt. Hood	288.0	307.0	124.2	6.60%
Nugget	1,484.0	1,418.0	573.8	-4.45%
Perle	*	97.0	39.3	
Simcoe®, YCR 14	191.0	336.0	136.0	75.92%
Sterling	209.0	239.0	96.7	14.35%
Super Galena™	82.0	65.0	26.3	-20.73%
Tettnanger	133.0	88.0	35.6	-33.83%
Willamette	661.0	792.0	320.5	19.82%
Experimental	*	*	*	
Other Varieties	364.0	510.0	206.4	40.11%
TOTAL OREGON #	6,612.0	7,669.0	3,103.5	15.99%
PENNSYLVANIA	5.5	15.0	6.1	172.73%
RHODE ISLAND		10.0	4.0	
VERMONT^b	45.0	25.0	10.1	-44.44%
VIRGINIA	30.0	30.0	12.1	0.00%
WASHINGTON #				
Azacca™, ADHA-483	175.0	501.0	202.7	186.29%
Ahtanum™, YCR 1	145.0	149.0	60.3	2.76%
Apollo™	708.0	744.0	301.1	5.08%
Bravo™	569.0	542.0	219.3	-4.75%
Cascade	4,935.0	5,176.0	2,094.6	4.88%
Cashmere	(-)	45.0	18.2	
Centennial	3,770.0	4,308.0	1,743.4	14.27%
Chinook	1,300.0	1,931.0	781.4	48.54%
Citra®, HBC 394	2,335.0	3,323.0	1,344.7	42.31%
Cluster	666.0	619.0	250.5	-7.06%
Columbus/Tomahawk®, F10	1,673.0	1,462.0	591.6	-12.61%
Comet	108.0	231.0	93.5	113.89%
Crystal	131.0	152.0	61.5	16.03%
El Dorado®	243.0	446.0	180.5	83.54%
Galena	295.0	344.0	139.2	16.61%
Glacier	155.0	144.0	58.3	-7.10%
HBC 366 (formerly Equinox™)	(-)	996.0	403.1	
Jarrylo™, ADHA-881	122.0	127.0	51.4	4.10%
Golding	53.0	*	*	
Horizon	(-)	64.0	25.9	
Magnum	108.0	82.0	33.2	-24.07%
Millennium	*	*	*	
Mosaic® HBC 369	1,528.0	2,037.0	824.3	33.31%
Mt. Hood	130.0	111.0	44.9	-14.62%

STATE/PROVINCE & VARIETY	ACRES STRUNG FOR HARVEST			2015-16
	2015 ac	2016 ac	2016 ha	% +/-
Northern Brewer	123.0	91.0	36.8	-26.02%
Nugget	202.0	183.0	74.1	-9.41%
Palisade®, YCR 4	454.0	574.0	232.3	26.43%
Pekko™, ADHA-871	(-)	44.0	17.8	
Simcoe®, YCR 14	2,916.0	3,781.0	1,530.1	29.66%
Sterling	*	127.0	51.4	
Summit™	1,620.0	1,762.0	713.0	8.77%
Super Galena™	351.0	310.0	125.5	-11.68%
Tahoma	*	80.0	32.4	
Tettnanger	*	46.0	18.6	
Triple Pearl	(-)	11.0	4.5	
Ultra	(-)	8.0	3.2	
Vanguard	84.0	*	*	
Willamette	698.0	656.0	265.5	-6.02%
Warrior®, YCR 5	*	*	*	
Yakima Gold	(-)	3.0	1.2	
Zeus	2,989.0	2,457.0	994.3	-17.80%
Experimental	316.0	543.0	219.7	71.84%
Other	3,256.0	3,265.0	1,321.3	0.28%
TOTAL WASHINGTON #	32,158.0	37,475.0	15,165.3	16.53%
WISCONSIN	170.0	297.0	120.2	74.71%
TOTAL PACIFIC NORTHWEST	43,633.0	51,115.0	20,685.1	17.15%
TOTAL NON-PNW US ACREAGE	1,277.0	2,098.0	849.0	64.29%
TOTAL UNITED STATES	44,910.0	53,213.0	21,534.1	18.49%
BRITISH COLUMBIA	79.0	79.0	32.0	0.00%
MANITOBA	5.0	5.0	2.0	0.00%
NEW BRUNSWICK	20.0	20.0	8.1	0.00%
NOVA SCOTIA	15.0	15.0	6.1	0.00%
ONTARIO	60.0	90.0	36.4	50.00%
PRINCE EDWARD ISLAND	7.5	7.5	3.0	0.00%
QUEBEC	70.0	123.0	49.8	75.71%
TOTAL CANADA	256.5	339.5	137.4	32.36%
TOTAL NORTH AMERICA	45,166.5	53,552.5	21,671.5	18.57%
* Withheld by USDA-NASS to avoid disclosing data for individual operations.				
# Figures for WA, OR and ID from USDA-NASS June 2016 Acreage Strung for Harvest Report, released on June 10, 2016. Information for other states/provinces are estimates provided to Hop Growers of America by various sources and include several varieties.				
^p 2015 total included other New England states listed separately in 2016				
(-) represents zero				

Figure 2: Australia hop crops 2002 - 2016*

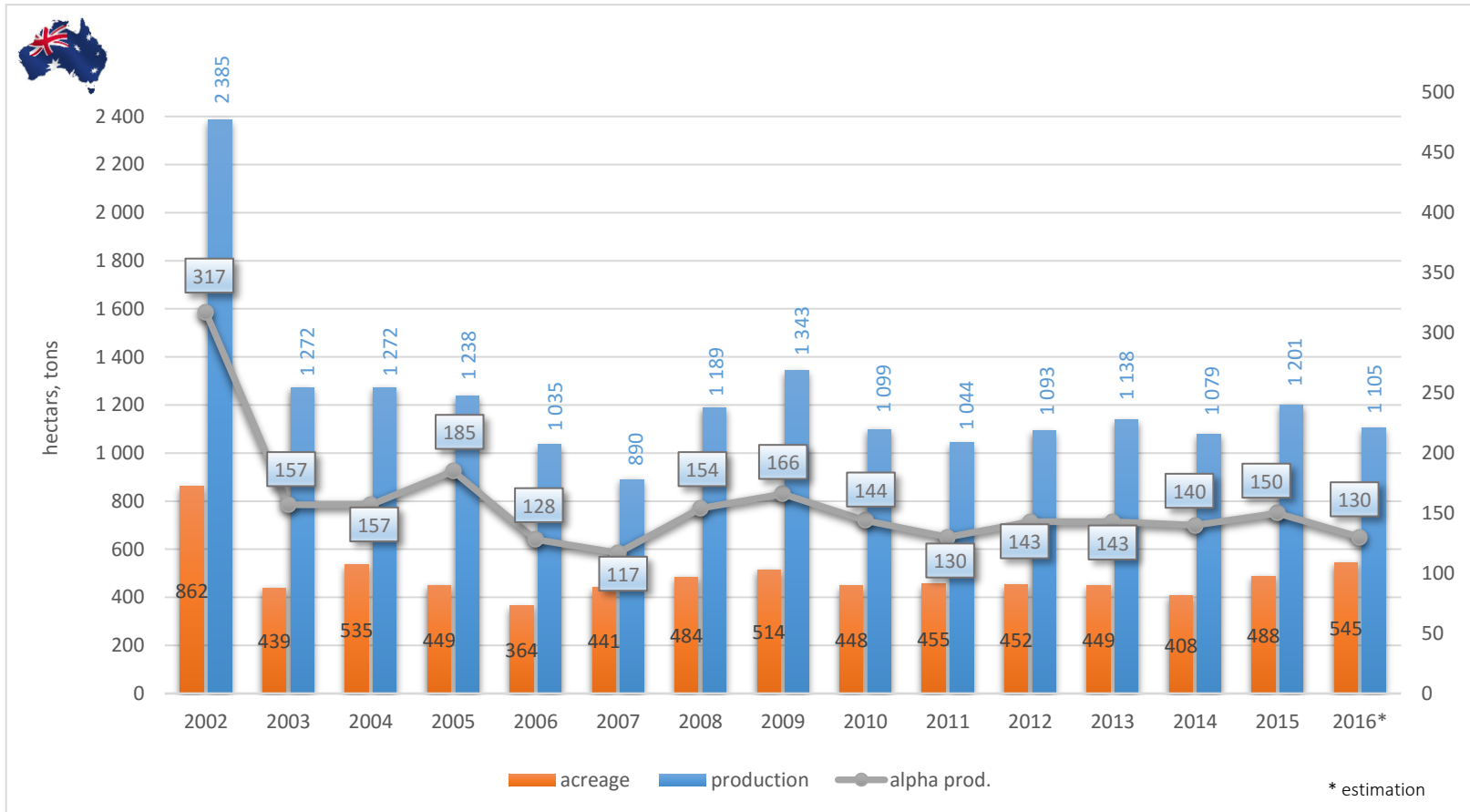


Figure 3: Austria hop crops 2002 - 2016*

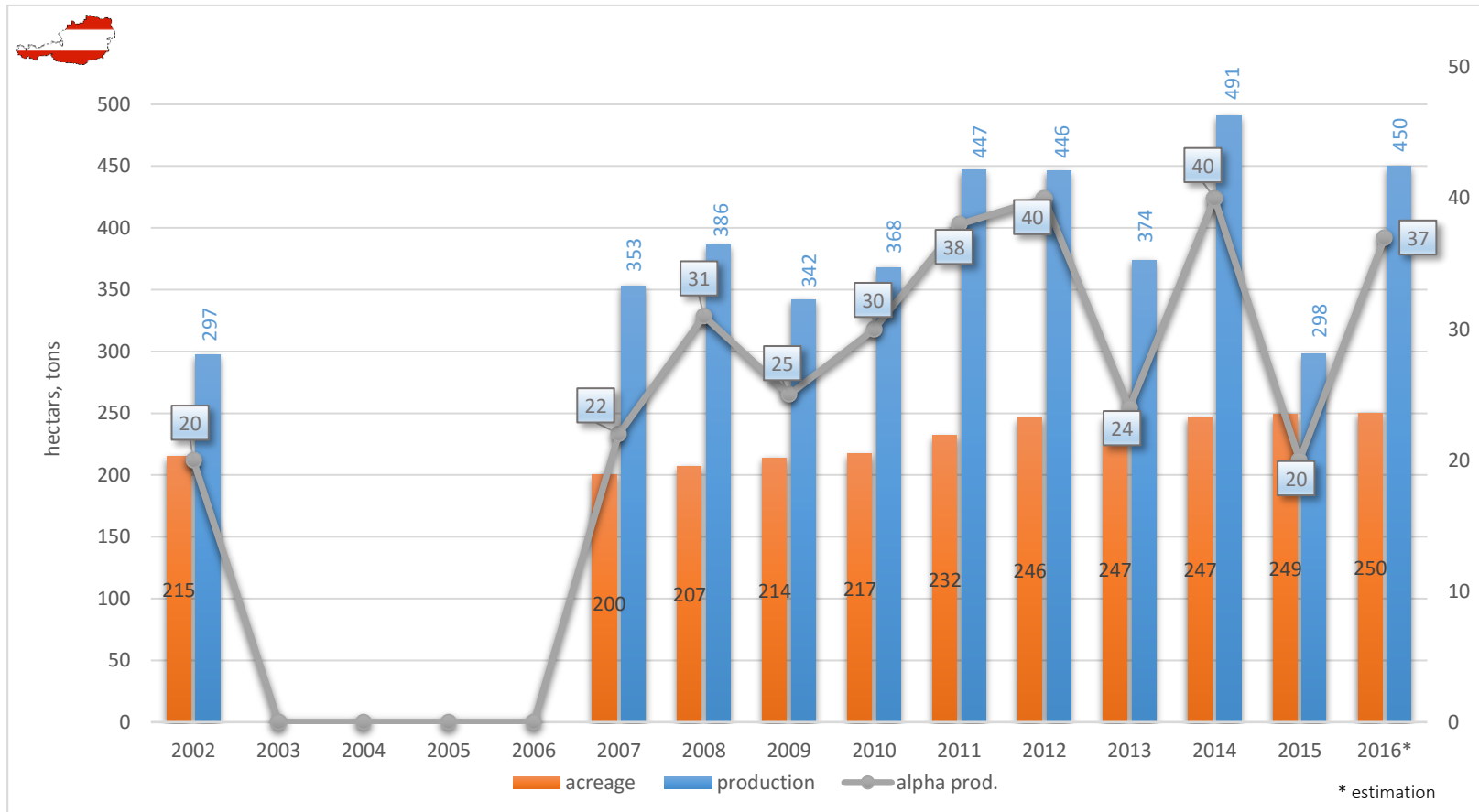


Figure 4: Belgium hop crops 2002 - 2016*

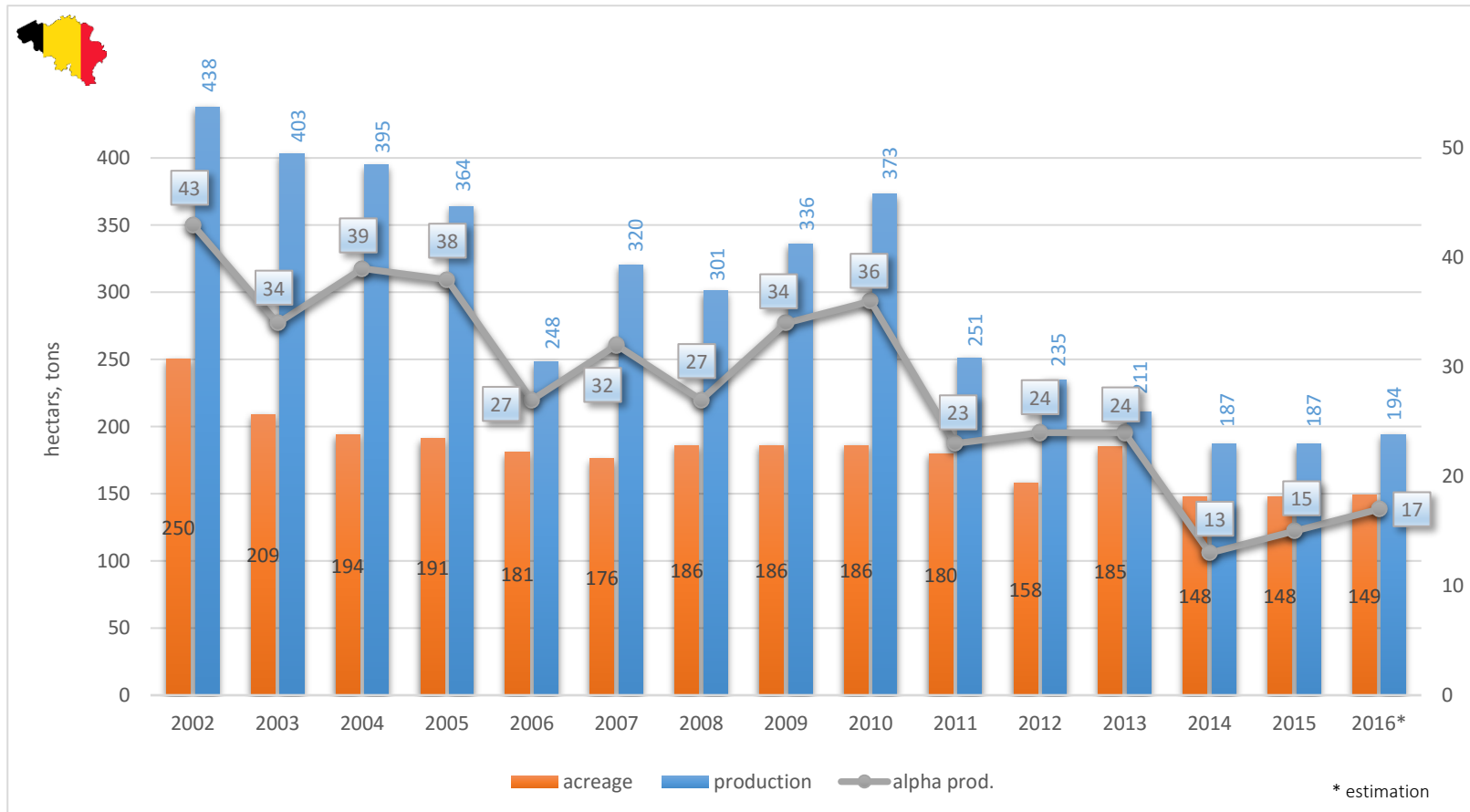


Figure 5: China hop crops 2002 - 2016*

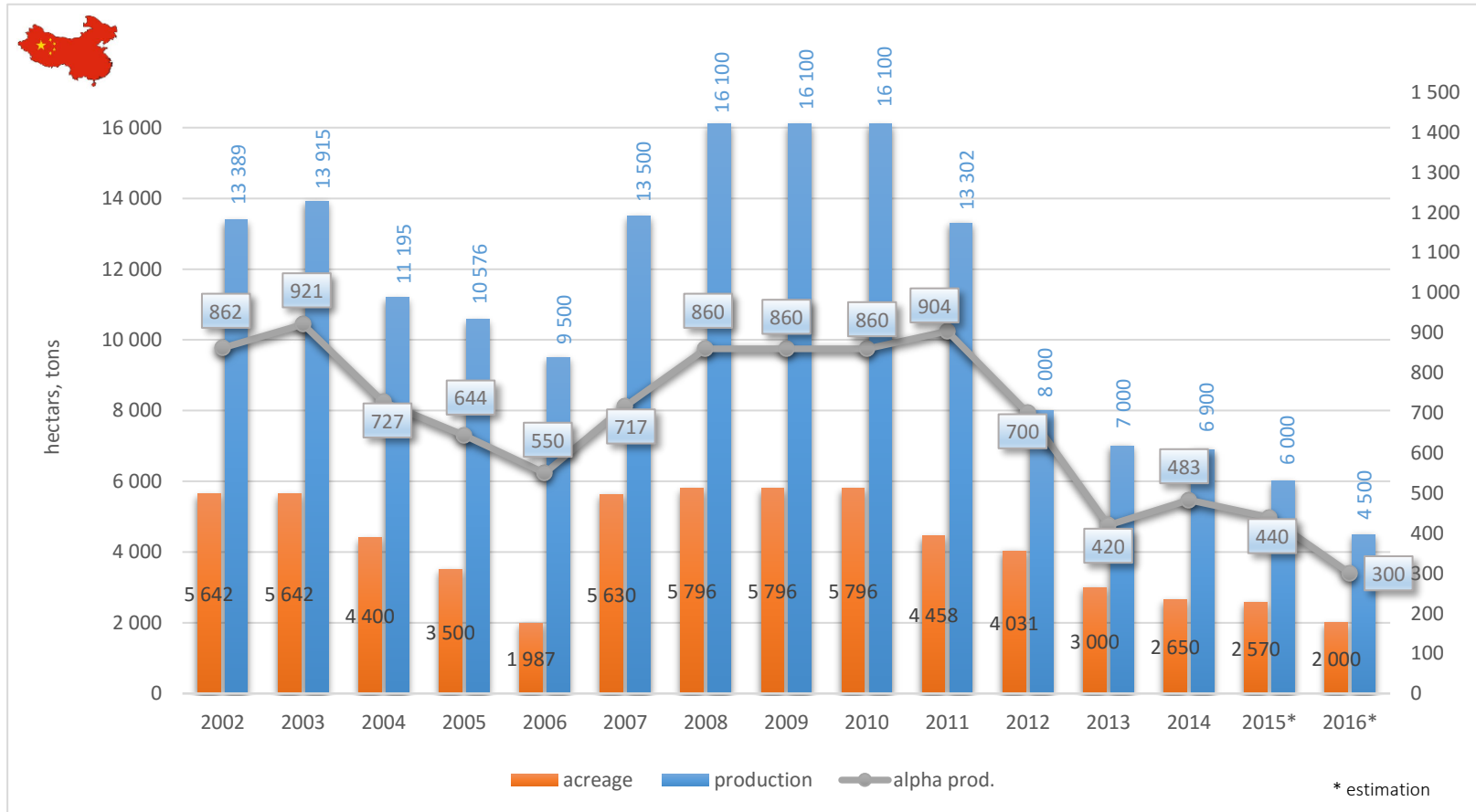


Figure 6: Czech Republic hop crops 2002 - 2016*

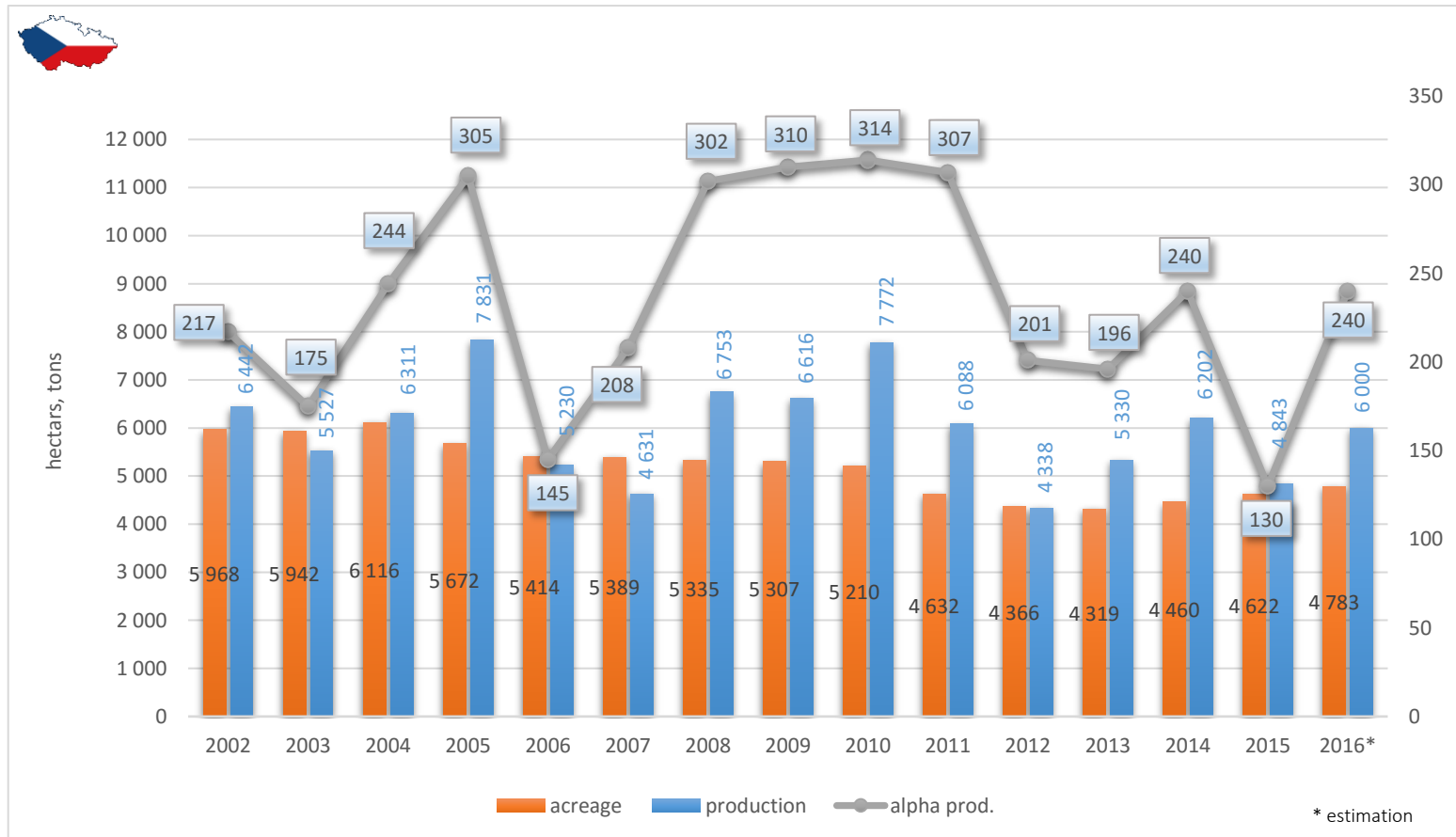


Figure 7: France hop crops 2002 - 2016*

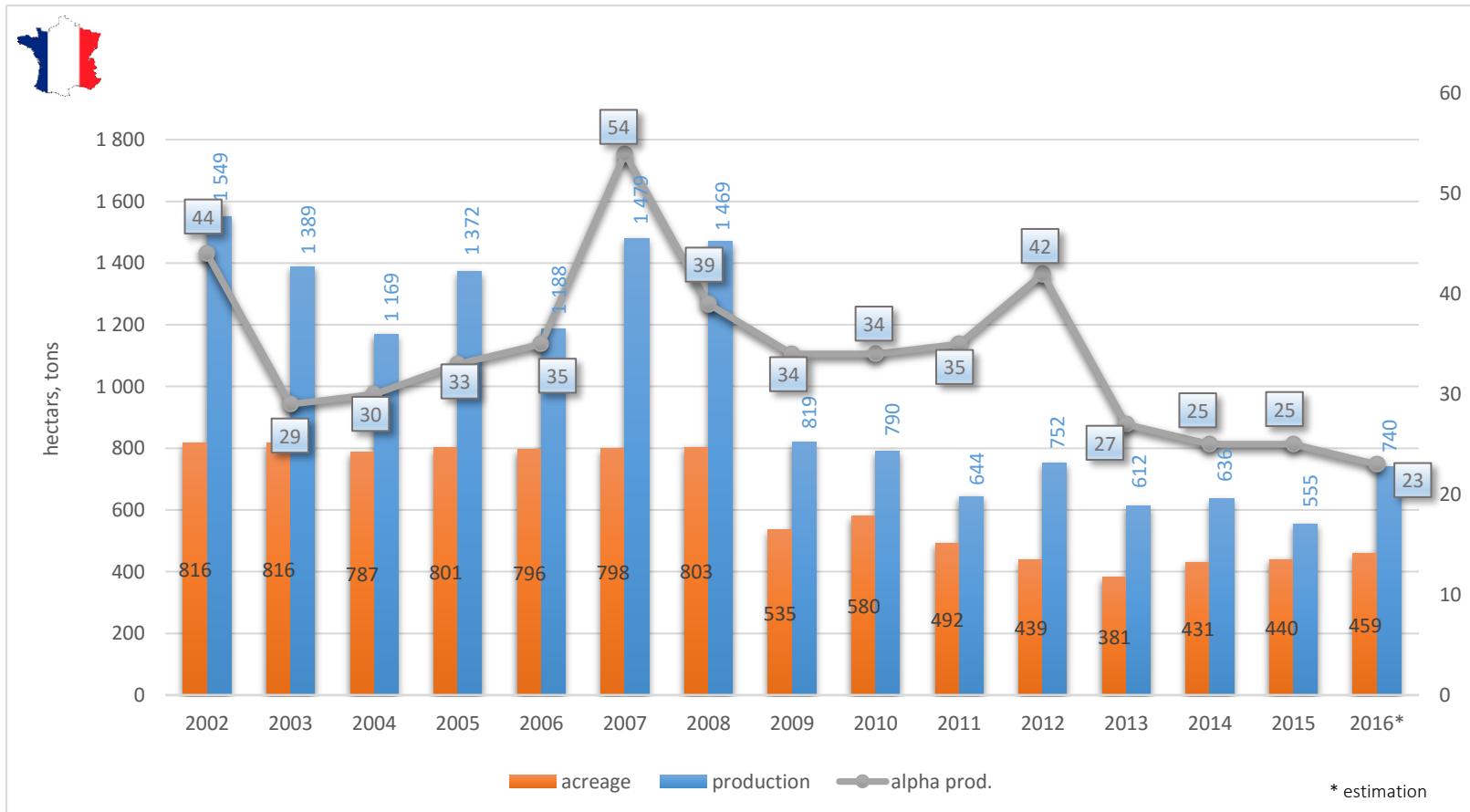


Figure 8: Germany hop crops 2002 - 2016*

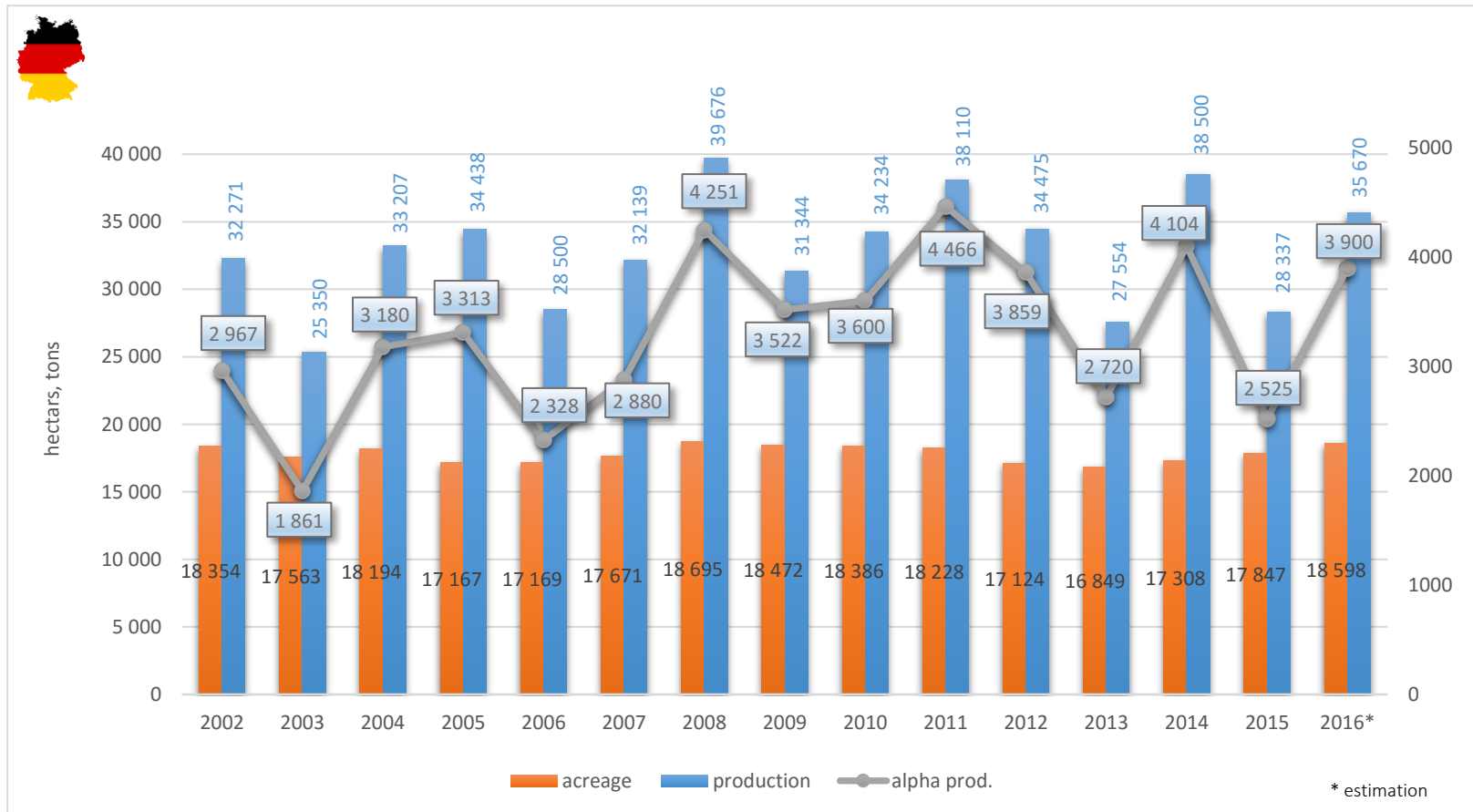


Figure 9: New Zealand hop crops 2002 - 2016

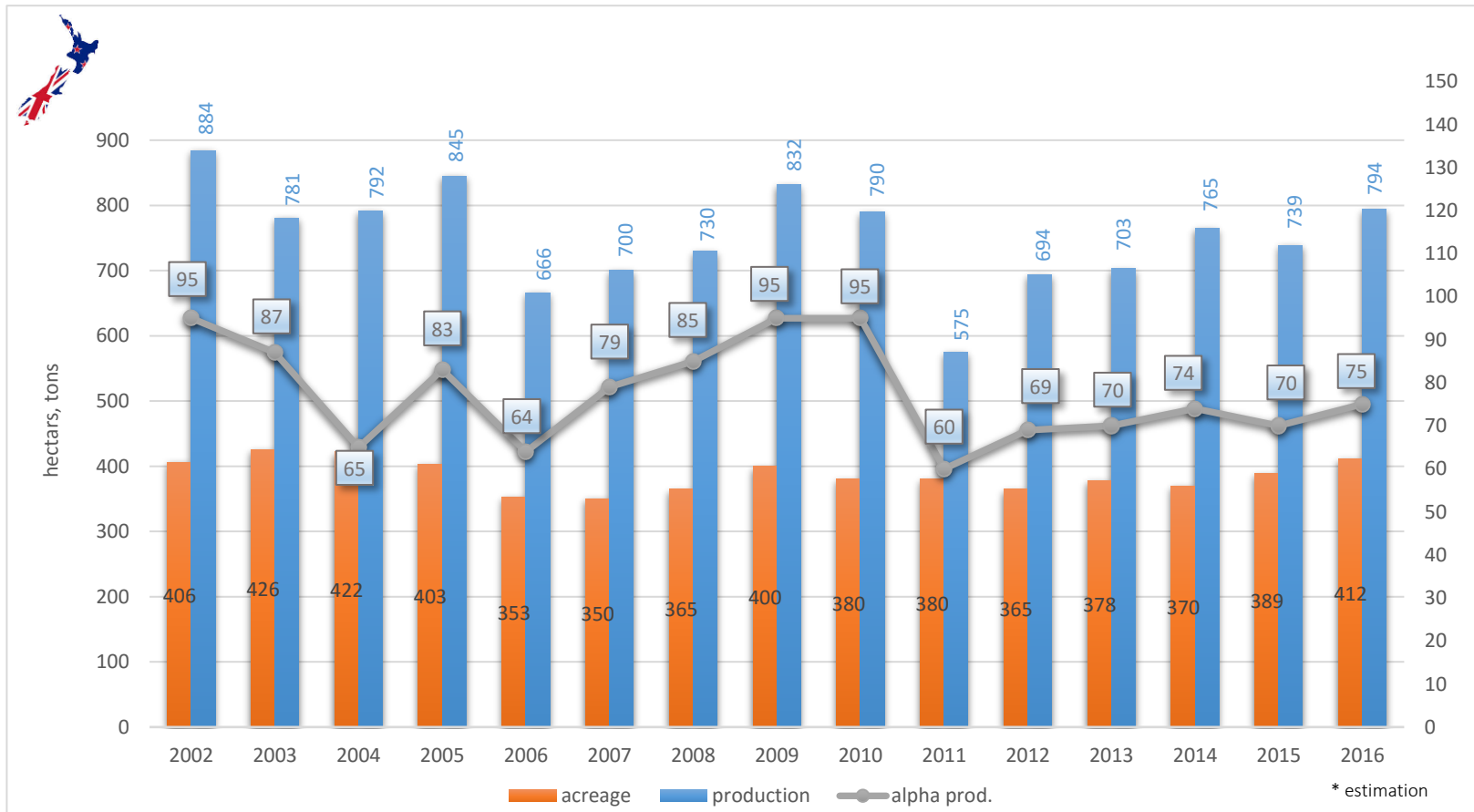


Figure 10: Poland hop crops 2002 - 2016*

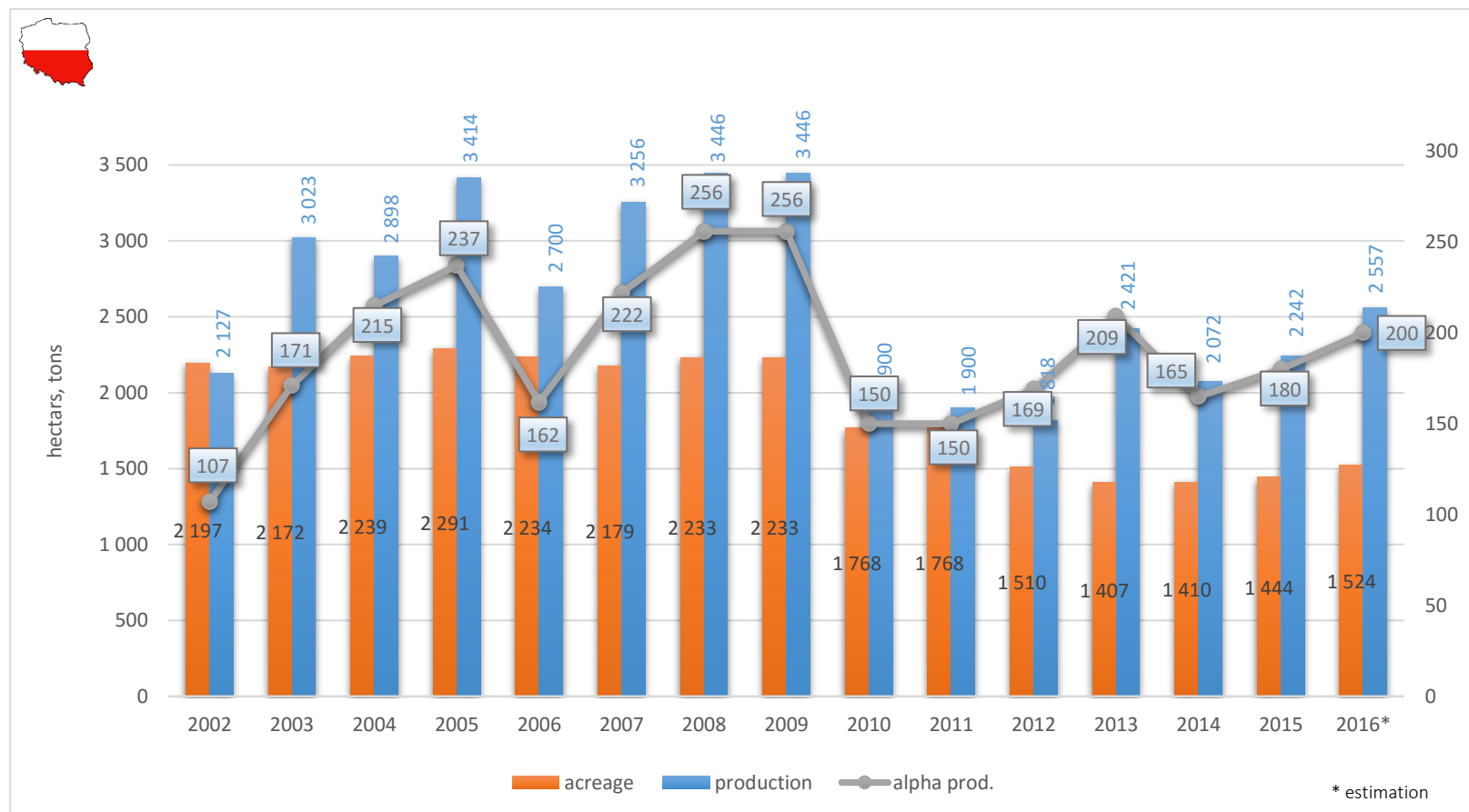


Figure 11: Romania hop crops 2002 - 2016*

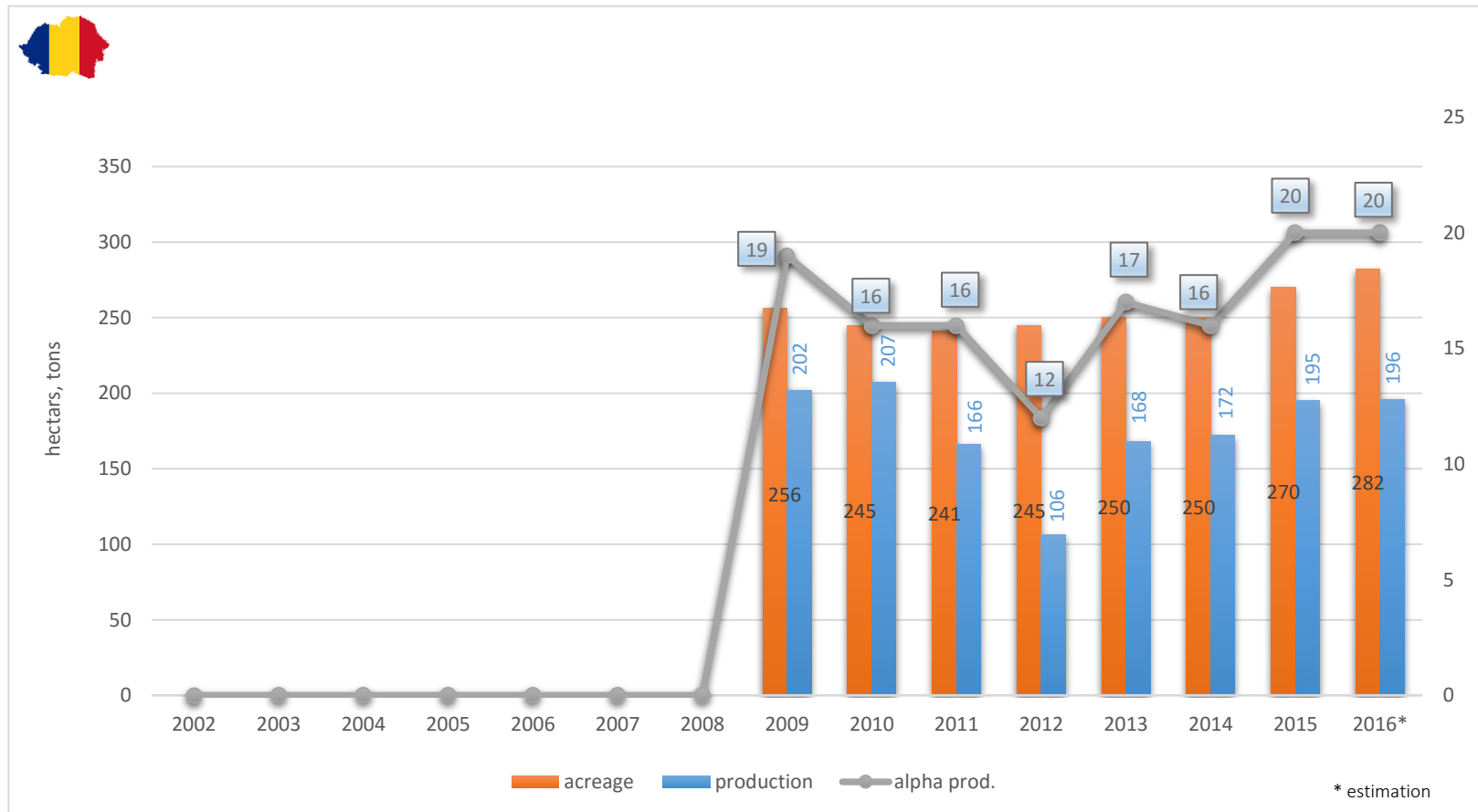


Figure 12: Slovakia hop crops 2002 - 2016*

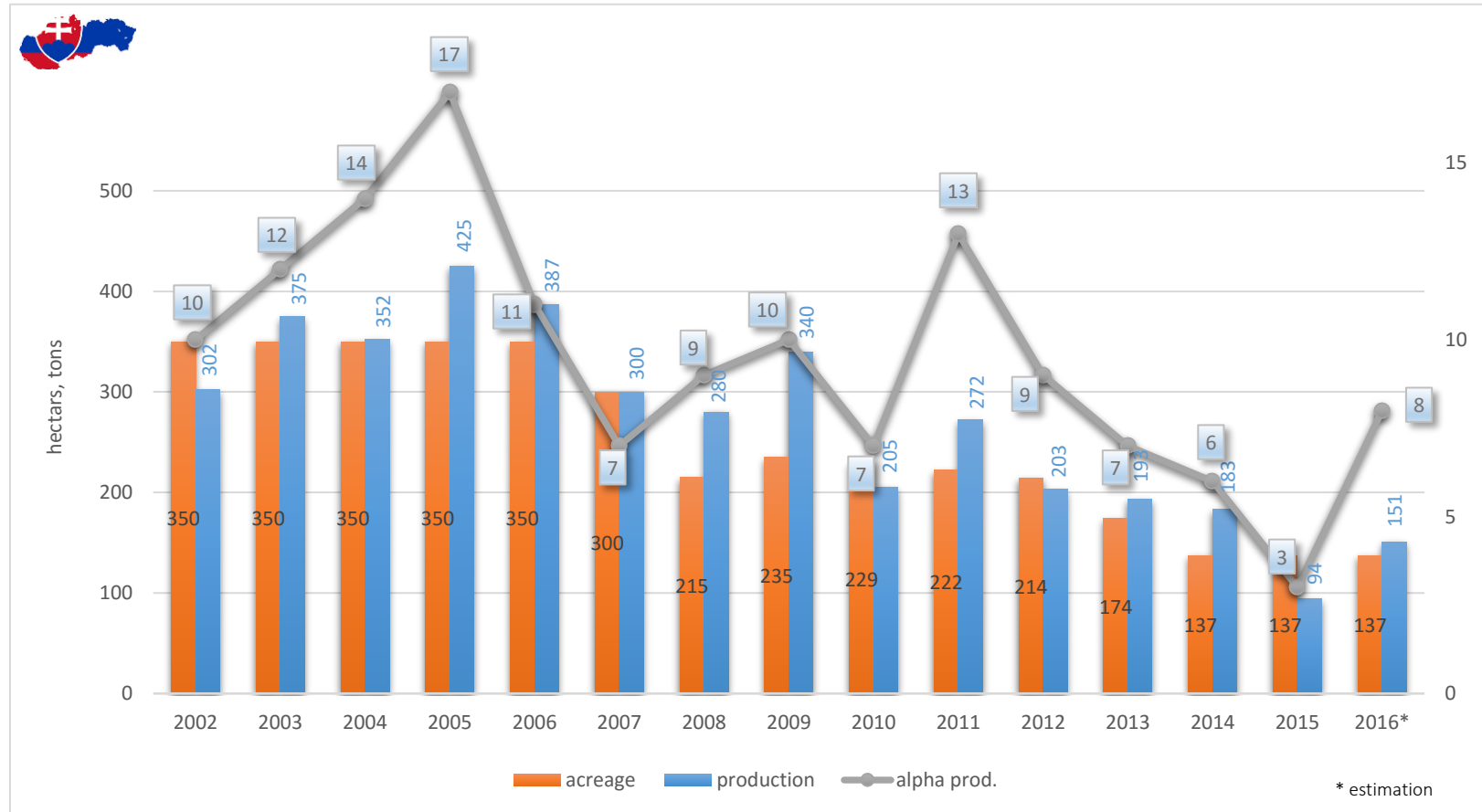


Figure 13: Slovenia hop crops 2002 - 2016*

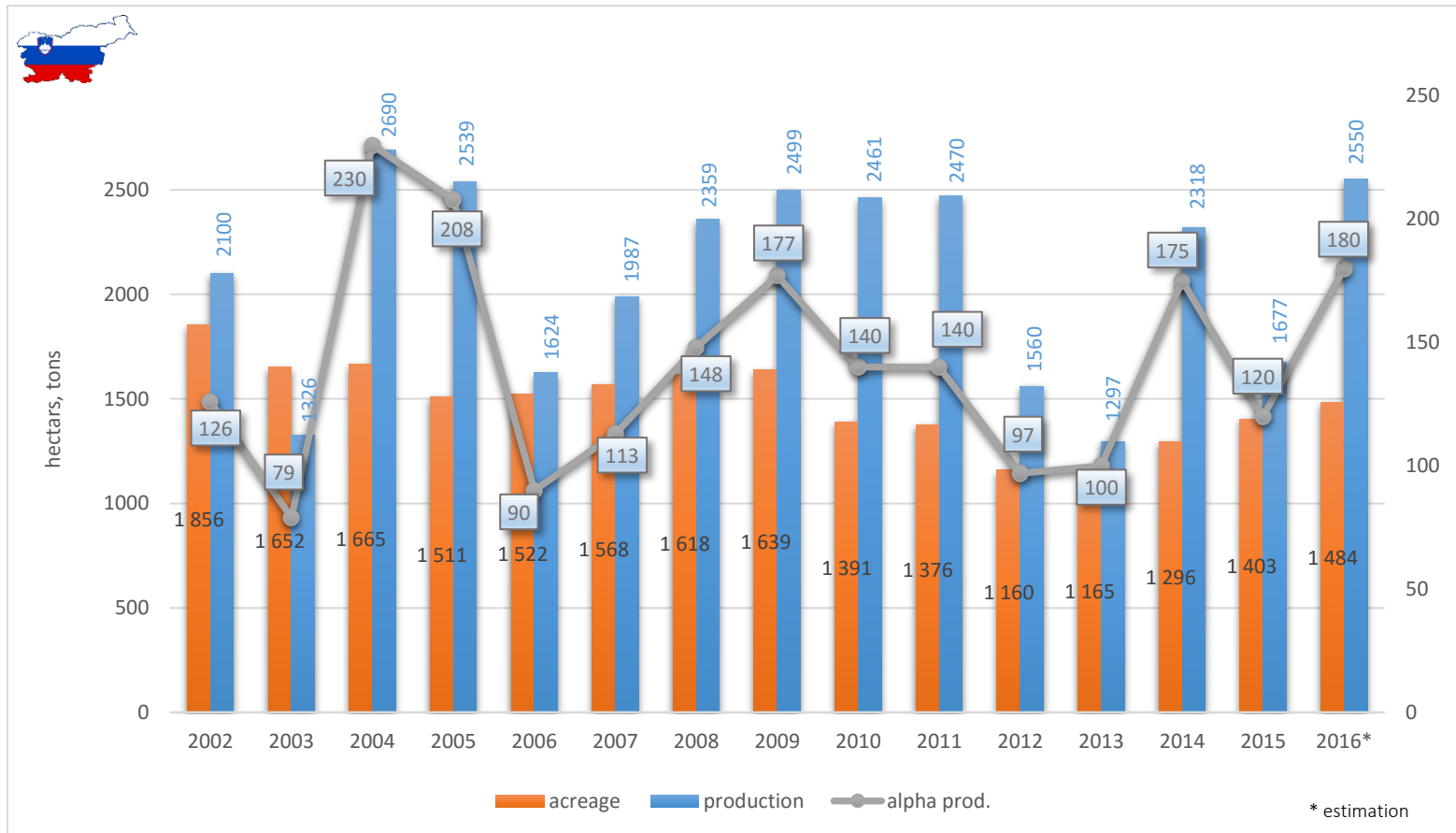


Figure 14: Spain hop crops 2002 - 2016*

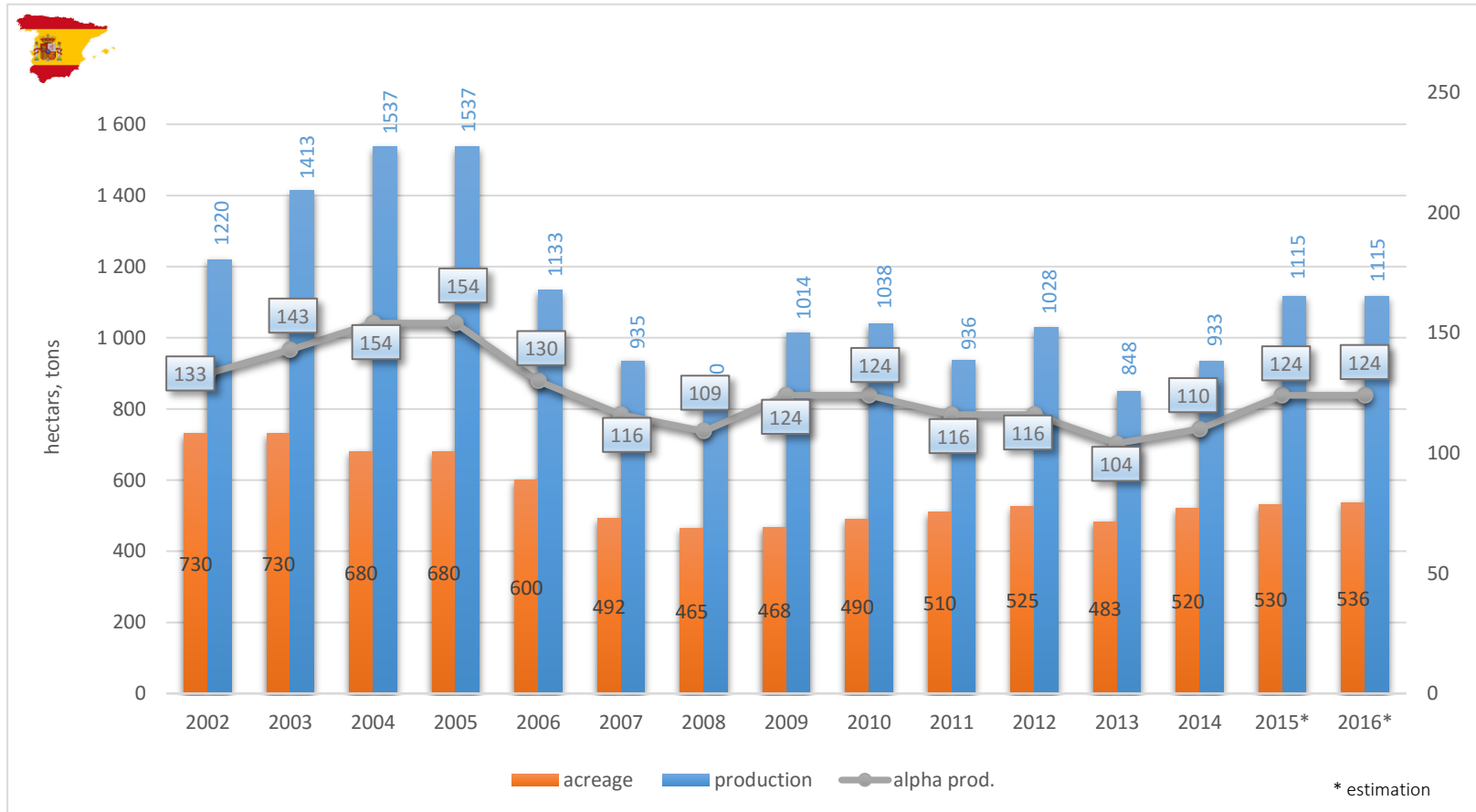


Figure 15: Ukraine hop crops 2002 - 2016*

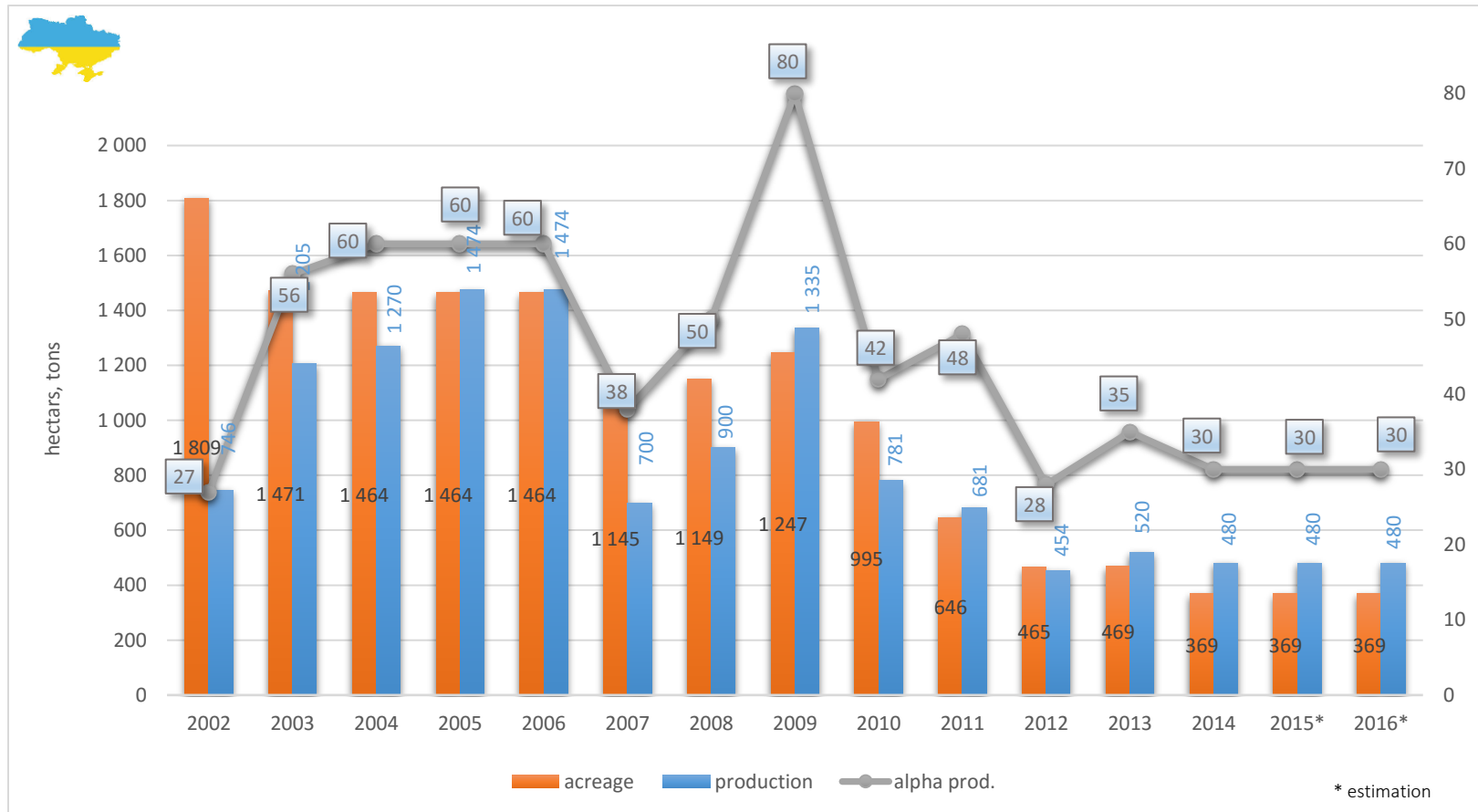


Figure 16: UK-England hop crops 2002 - 2016*

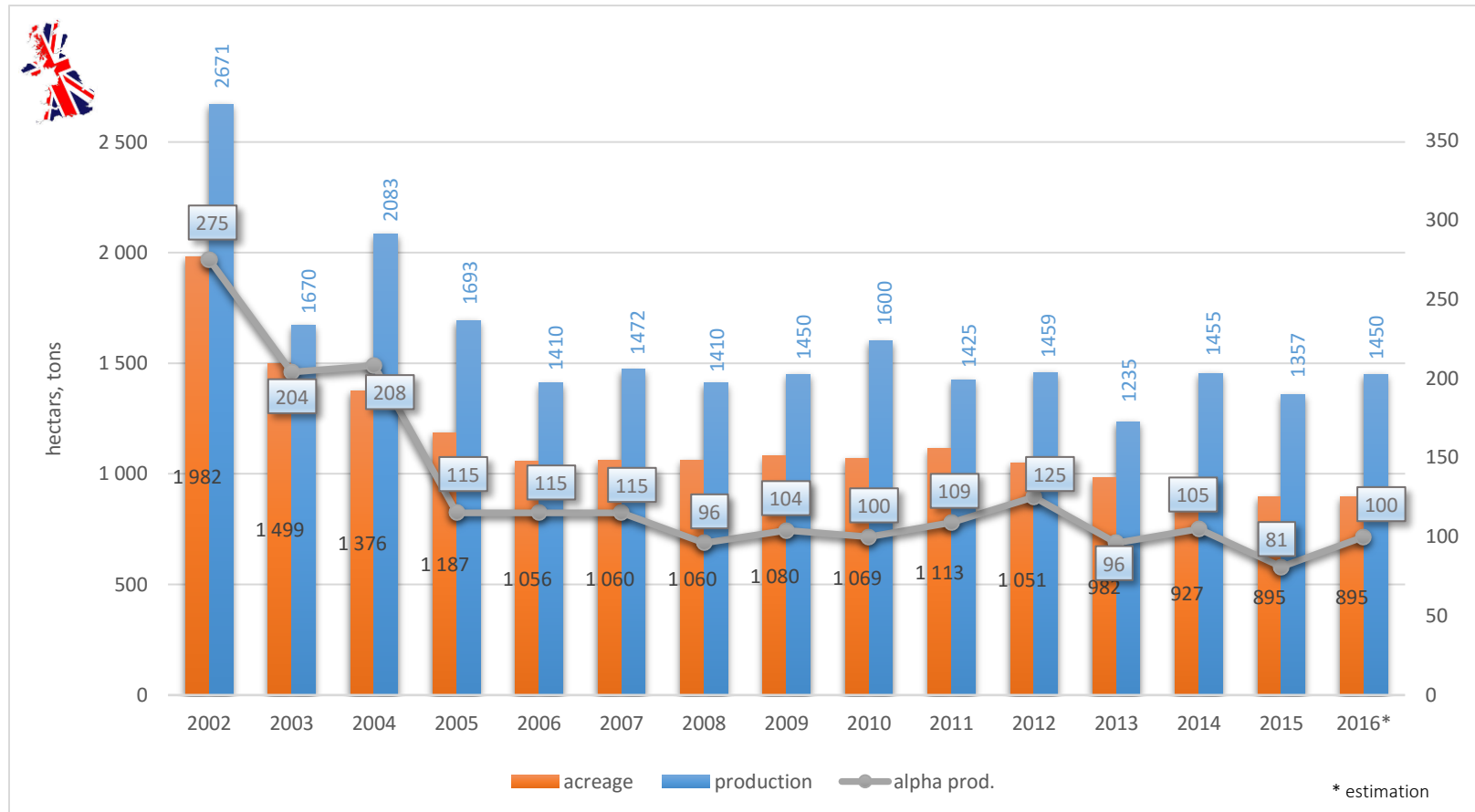


Figure 17: USA hop crops 2002 - 2016*

