Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	Code IHGC new proposal	Origin	Plant Variety Rights & Protection				Variety produced 2017 in																				
							National	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	RS	SK	SI	UA	US	AR	ZA	AU	NZ	JP	CN
Admiral	RH40		aroma	AD	ADM	England	x	x				x					x														
African Queen	J17		bitter	AQueen	AFQ	South Africa	x																				x				
Agnus	4587		bitter	AG	AGN	Czech Rep.	x					x	x																		
Ahtanum ™	YCR 1		aroma	AH	AHT	USA - private breeding prog. prop.																			x						
Alpharoma			bitter	AA	AAA	New Zealand																			x						
Alta			bitter	ALT	ALT	UKR – public; Res. Inst. of Hop Growing	x																	x							
Amarillo®	VGXP01		aroma	V1	VG1	USA - private breeding prog. prop.		x	US patent					x											x						
Apollo ™	01051		bitter	AP	APO	USA - private breeding prog. prop.		x	US patent																x						
Aquila			bitter	AQ	AQU	USA - public UI																			x						
Aramis	P 05-9		aroma	AS	ARS	France		x								x															
Archer®			aroma	ARC	ARC	England				Charles Faram							x														
Ardeal			bitter	ARD	ARD	Romania													x												
Ariana	2010/72/20		aroma	AN	ANA	Germany		b.r.						x																	
Aroma			aroma	AR	ARO	Serbia	x														x										
Astra ™			aroma		AST	Australia - priv. breed. prog. prop. var.				Ellerslie																		x				
Aurora	12/61	Super Styrian Aurora	aroma	SSA	SSA	Slovenia	x				x												x								
Azacca ™	ADHA-483		aroma	AZ	AZA	USA - private breeding prog. prop.			US patent																x						
Bačka			aroma	BAC	BAC	Serbia	x														x										
Banner			bitter	BA	BAN	USA - public UI																			x						
Barbe Rouge	P 09-2		aroma	BBR	BBR	France		b.r.								x															
Belma®			aroma		BEL	USA - private breeding prog. prop.																			x						
Bitter Gold	7313-083	Bittergold	aroma	BI	BIG	USA - public USDA																			x						
Boadicea	OR423		aroma	BO	BOA	England		x									x														
Bobek		Styrian Golding Bobek	aroma	SGB	SGB	Slovenia	x																x								
Bohemie	4837		aroma	BOH	BOH	Czech Rep.	x						x																		
Boomerang	4914		bitter		BOO	Czech Rep.	x						x																		
Bor	VÚCH-70		aroma	BOR	BOR	Czech Rep.	x						x																		
Bouclier	P 08-6		aroma	BCL	BCL	France		b.r.								x															
Bramling Cross	OT 48		aroma	OT	BRX	England											x														
Bravo ™	01046		bitter	BR	BRO	USA - private breeding prog. prop.		x	US patent																x						
Brewer's Gold	C9a		aroma	BG	BGO	England						x		x		x			x						x						
Brokat	UR1		aroma		BRK	Germany		b.r.		Veltins				x																	
BRU-1	BRU-1		aroma		BR1	USA - private breeding prog. prop.			US patent																						
Bullion	Q43		aroma	BU	BUL	England											x								x	x					
Callista	2010/8/33		aroma	CI	CAL	Germany		b.r.						x																	
Calypso™	03129		aroma	CP	CPO	USA - private breeding prog. prop.			US patent																x						
Cascade	55187	Taiheke ™	aroma	CA	CAS	USA - public USDA					x	x	x	x			x	x					x		x	x		x	x		
Cashmere			aroma	CM	CMR	USA - public WSU																			x						
Celeia		Styrian Golding Celeia	aroma	SGC	SGC	Slovenia	x				x												x								
Centennial	W415-90		aroma	CN	CEN	USA - public WSU						x													x				x		
Cerera		Styrian Golding Cerera	aroma		CER	Slovenia	x																x								
Challenger	4/63/25	Wye Challenger	aroma	WCH	CHA	England						x				x	x												x		
Chelan®	H87203-1	Chelan/Tillicum	bitter	CE	CHE	USA - private breeding prog. prop.			exp.																x						
Chinook	W421-38		aroma	CH	CHI	USA - public WSU						x					x	x					x		x				x		
Cicero			aroma		CIC	Slovenia					x																				
Citra®	HBC 394		aroma	CT	CIT	USA - private breeding prog. prop.			US patent																x						
Cluster			aroma	CL	CLU	USA - public USDA																			x				x		
Coigneau			aroma		COI	Belgium						x																			
Columbia	6761-61	Meridian	aroma	CB	CBA	USA - public USDA																			x						
Columbus	9/17	CTZ	bitter	CS	CBS	USA - private breeding prog. prop.		x	exp.						x	x									x						
Comet			aroma	CO	COM	USA - public USDA					x			x											x						
Country			aroma		COU	Czech Rep.	x						x																		
Crystal	8309-37		aroma	CR	CRY	USA - public USDA																			x						
Dana	279/112	Extra Styrian Dana	bitter	ESD	DAN	Slovenia	x	x															x								
Delta™			aroma	DE	DEL	USA - private breeding prog. prop.			US patent																x						
Denali™	06277		aroma	DN	DEN	USA - private breeding prog. prop.		b.r.																	x						
Dr Rudi		Super Alpha	bitter	DR	DRU	New Zealand																							x		
East Kent Golding		clones Cobbs, Early Bird, Eastwell	aroma	EKG	EKG	England				EU-PDO							x														
Ekuanot ™	HBC 366	Equinox	aroma	EQ	EKU	USA - private breeding prog. prop.			US patent																x						
El Dorado®			aroma	ELD	ELD	USA - private breeding prog. prop.				CLS Farms															x						
Ella			aroma	ELL	ELL	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																		x				
Endeavour	15/2		aroma	EN	END	England				British Hop Association (BHA)							x														
Enigma			aroma	EA	ENI	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																		x				
Epic			aroma	EP	EPC	England											x														
Ernest	OZ 97a		aroma	OZ	ERN	England				British Hop Association (BHA)							x														
Eroica			bitter	ER	ERO	USA - public UI																			x						
Eureka! ™	05256		aroma	EU	EUE	USA - private breeding prog. prop.		b.r.																	x						
[Experimental selections]				EXP	EXP	USA																			x						
Faraon	0095 KP-16	Фараон	bitter	WR	WAO	Russia														x											
Favorit	0093	Фаворит	aroma	WA	WAV	Russia														x											
First Gold	S4		aroma	FG	FGO	England	x	x				x					x														
Flyer	29/02/10		aroma	FL	FLY	England				British Hop Association (BHA)							x														
Forward	0115 KP-44	Forvard, Форвард	bitter	WO	WOR	Russia														x											
Fuggle			aroma	FU	FUG	England						x				x	x						x		x				x		
Furano 18			aroma			Japan				Sapporo																				x	
Furano 6			aroma			Japan				Sapporo																				x	
Furano Ace			aroma			Japan	exp.			Sapporo																				x	
Furano Beauty			aroma			Japan				Sapporo																				x	
Furano Beta			aroma			Japan				Sapporo																				x	
Furano Laura			aroma			Japan				Sapporo																				x	

Furano Royal Green			**aroma**			Japan				Sapporo																		x		
Furano Special			**aroma**			Japan				Sapporo																		x		
Gaia	**4849**		**bitter**		**GAA**	Czech Rep.	x						x																	
Galaxy			**aroma**	**GY**	**GXY**	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																x			
Galena			**bitter**	**GA**	**GAL**	USA - public UI																		x						
Gaydamatskyi			**aroma**	**GAI**	**GAI**	UKR – public; Res. Inst. of Hop Growing	x															x								
Glacier			**aroma**	**GL**	**GLC**	USA - public USDA																	x							
Golden Princess	**HU ZH-APA1**		**bitter**	**GP**	**GPR**	Germany		x						x														x		
Golden Star			**bitter**			Japan				Sapporo																		x		
Golding		**clones Cobbs, Early Bird, Early Choice. Eastwell.**	**aroma**	**GO**	**GOL**	England						x				x							x				x		
Green Bullet			**bitter**	**GB**	**GBU**	New Zealand																					x			
Groene Bel			**aroma**	**GRB**	**GRB**	Belgium						x																		
Hallertau Blanc	**2007/19/8**		**aroma**	**HC**	**HBC**	Germany		x						x																
Hallertauer Gold	**64/14/235**	**Hüller Gold**	**aroma**	**HG**	**HGO**	Germany	**exp.**							x																
Hallertauer Magnum	**85/59/3**	**Magnum**	**bitter**	**HM**	**HMG**	Germany	x				x	x		x	x	x		x	x	x			x		x					
Hallertauer Merkur	**93/10/12**	**Merkur**	**bitter**	**MR**	**HMR**	Germany	**exp.**					x		x					x											
Hallertauer Mittelfrüher		**Hallertauer**	**aroma**	**HA**	**HAL**	Germany						x		x										x						
Hallertauer Taurus	**88/55/13**	**Taurus**	**bitter**	**TU**	**HTU**	Germany	x				x			x				x												
Hallertauer Tradition	**78/28/16**	**Tradition**	**aroma**	**HT**	**HTR**	Germany	**exp.**				x			x		x		x	x											
Harmonie	**4353**		**aroma**	**HR**	**HRM**	Czech Rep.	x						x																	
HBC 682	**HBC 682**		**aroma**		**682**	USA - private breeding prog. prop.			US patent															x						
Helga			**aroma**	**HEL**	**HEL**	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																x			
Herkules	**95/94/816**		**bitter**	**HS**	**HKS**	Germany		x						x																
Hersbrucker Pure	**78/5/30**		**aroma**	**HP**	**HPU**	Germany	**exp.**							x																
Hersbrucker Spät		**Hersbrucker**	**aroma**	**HE**	**HEB**	Germany					x			x																
Horizon	**7006-398**		**aroma**	**HO**	**HOR**	USA - public USDA																		x						
Huell Melon	**2009/2/706**	**Hüll Melon**	**aroma**	**HN**	**HMN**	Germany		x						x																
Hüller Bitterer	**58/56/11**		**aroma**	**HU**	**HUB**	Germany	**exp.**							x					x											
Idaho 7 ™			**aroma**		**ID7**	USA - private breeding prog. prop.																		x						
Iunga	**PTU 1200**		**bitter**	**IU**	**IUN**	Poland	x											x												
Jarrylo ™	**ADHA-881**		**aroma**	**JA**	**JAR**	USA - private breeding prog. prop.			US patent															x						
Jazz			**aroma**	**JAZ**	**JAZ**	Czech Rep.	x						x																	
Jester®			**aroma**	**JE**	**JES**	England				Charles Faram						x														
Kaikogane			**aroma**		**JKG**	Japan	**exp.**			Kirin																		x		
Kazbek			**aroma**	**KA**	**KAZ**	Czech Rep.	x						x																	
Keyworths Early	**OJ 47**		**aroma**	**OJ**	**KWE**	England										x														
Keyworths Midseason	**OR 55**		**aroma**	**OR**	**KWM**	England										x														
Kirin No 2			**aroma**		**JK2**	Japan	**exp.**			Kirin																		x		
Klon-18			**aroma**	**K-18**	**K18**	UKR – public; Sci. Test Stat. Hop Growing	x															x								
Kohatu ™	**HORT3829**		**aroma**	**KH**	**KHT**	New Zealand	x																				x			
Lemondrop ™	**01210**		**aroma**	**LD**	**LDP**	USA - private breeding prog. prop.		b.r.																x						
Liberty	**8303-117**		**aroma**	**LI**	**LIB**	USA - public USDA																		x				x		
Little Star			**aroma**			Japan				Sapporo																		x		
Lomik			**aroma**	**LO**	**LOM**	Poland											x													
Loral ™	**HBC 291**		**aroma**		**LOR**	USA - private breeding prog. prop.			US patent															x						
Lubelski		**Lublin, Lublelski**	**aroma**	**LU**	**LUB**	Poland											x													
Magnat	**4/34**		**bitter**	**MG**	**MGN**	Poland	x										x													
Malling			**aroma**	**ML**	**MLL**	England					x																			
Mandarina Bavaria	**2007/18/13**		**aroma**	**MB**	**MBA**	Germany		x						x																
Mapuche			**aroma**		**MAP**	Argentina																			x					
Marco Polo			**bitter**	**MC**	**MCP**	China				Xinjiang Sapporo																				x
Marynka	**PCU 480**		**aroma**	**MA**	**MAR**	Poland						x					x													
Melba ™			**aroma**	**MEL**	**MEL**	Australia - priv. breed. prog. prop. var.				Ellerslie																x			
Meridian			**aroma**		**MER**	USA - private breeding prog. prop.																		x						
Millenium			**bitter**	**MM**	**MLM**	USA - private breeding prog. prop.			US patent															x						
Minstrel®			**aroma**	**MI**	**MIN**	England				Charles Faram						x														
Mistral	**GS 26**		**aroma**	**MTL**	**MTL**	France		b.r.							x															
Monroe			**aroma**	**MN**	**MON**	Germany - private breeding prog. prop.	x			Joh. Barth & Sohn				x																
Mosaic®	**HBC 369**		**aroma**	**MO**	**MOS**	USA - private breeding prog. prop.			US patent															x						
Motueka ™		**Saaz B**	**aroma**	**MK**	**MKA**	New Zealand																					x			
Moutere ™		**Brooklyn**	**bitter**	**BN**	**MTE**	New Zealand	x																				x			
Mt. Hood			**aroma**	**MH**	**MTH**	USA - public USDA																		x						
Mt. Rainier			**aroma**	**MTR**	**MTR**	USA - public USDA																		x						
Murakami Seven			**aroma**		**JM7**	Japan				Kirin																		x		
Nanbuwase			**aroma**			Japan	**exp.**			Asahi																		x		
National		**Natsionalnyi**	**aroma**	**NAT**	**NAT**	UKR – private breeding prog. prop.	x															x								
Nelson Sauvin ™	**85-03-06**		**aroma**	**NS**	**NSN**	New Zealand	x																				x			
Newport			**bitter**	**NP**	**NWP**	USA - public USDA																x	x							
Northdown	**1/61/55**	**Wye Northdown**	**aroma**	**NO**	**NOR**	England										x														
Northern Brewer	**WFB 135**		**aroma**	**NB**	**NBR**	England						x		x		x								x						
Nugget	**7005-194**		**bitter**	**NU**	**NUG**	USA - public USDA						x		x	x	x						x	x	x	x					
NZ Pacific Jade ™	**HORT1524**	**Pacific Jade**	**bitter**	**PJ**	**PJA**	New Zealand	x																				x			
NZ Southern Cross ™	**77-60**	**Southern Cross**	**bitter**	**SX**	**SOX**	New Zealand	x																				x			
Oktawia	**PCU 588**		**bitter**	**OK**	**OKT**	Poland	**exp.**											x												
Olicana®			**aroma**	**OA**	**OLA**	England				Charles Faram						x														
Olympic			**bitter**	**OC**	**OLC**	USA - public WSU																		x						
Opal	**87/24/56**		**aroma**	**OL**	**OPL**	Germany	x			Germany	x	x		x																
[Other very small acreage cvs]					**OTH**	USA																		x						
Outeniqua			**bitter**	**OTQ**	**OTQ**	South Africa	**exp.**																			x				
Pacific Gem ™			**bitter**	**PG**	**PGE**	New Zealand																					x			
Pacifica ™	**77-01**	**Pacific Hallertau, Pacific Hallertauer**	**aroma**	**PC**	**PCA**	New Zealand	x																				x			
Palisade®	**YCR 4**		**aroma**	**Y4**	**PAL**	USA - private breeding prog. prop.			US patent															x						
Pandora ™			**aroma**		**PAN**	Australia - priv. breed. prog. prop. var.				Ellerslie																x			

Pekko ™	ADHA-871		aroma	PK	PEK	USA - private breeding prog. prop.			US patent															x							
Perle	66/13/13		aroma	PE	PER	Germany	exp.				x	x		x	x			x	x						x							
Petit Blanc			aroma		PBC	France								x																	
Phoenix	TC105		aroma	PH	PHX	England	exp.	exp.				x					x														
Pilgrim	P38		aroma	PM	PGM	England		x				x					x														
Pilot	S24		aroma	PT	PLT	England		x									x														
Pioneer	W10		aroma	PI	PIR	England	x	x				x					x														
Podvyzny		Подвязный	bitter	PW	PDW	Russia														x											
Polaris	2000/109/728		bitter	PA	PLA	Germany		x						x																	
Poliskyi			aroma	POL	POL	UKR – public; Res. Inst. of Hop Growing	x																x									
Premiant	Sm 73/3060		aroma	PR	PRE	Czech Rep.	x						x								x										
Pride of Ringwood			bitter	POR	POR	Australia																					x				
Progress			aroma	PRO	PRO	England											x														
Promin			aroma	PROM	PRM	UKR – public; Res. Inst. of Hop Growing	x																x									
Pulawski	6/61		aroma	PU	PUL	Poland	x											x													
Qingdao dahua		Tsingdao Flower	bitter			China																									x
Rakau ™			aroma	RK	RKU	New Zealand																						x			
Ranny		Ранний	aroma	RA	RAN	Russia														x											
Record			bitter	RE	REC	Belgium						x		x																	
Relax	97/25/7		aroma	RX	RLX	Germany		x						x																	
Riwaka ™		Saaz D	aroma	RW	RWA	New Zealand																						x			
Robusta			aroma	RO	ROB	Serbia	x														x										
Rottenburger Spät			aroma	RR	RRS	Germany								x																	
Rubin			bitter	RU	RUB	Czech Rep.	x						x																		
SA-1			aroma		SA1	China				Xinjiang Sapporo																			x	x
Saaz		Saazer	aroma	SA	SAZ	Czech Rep.						x	x	x							x			x							
Saaz Late	4237		aroma	SAL	SAL	Czech Rep.	x						x																		
Saaz Special	NŠD2002		aroma	SAS	SAS	Czech Rep., private breeding prog. prop.	x						x																		
Samt	J1		aroma		SAM	Germany		b.r.		Veltins				x																	
Santiam			aroma	SN	SNT	USA - public USDA																		x							
Saphir	85/27/20		aroma	SR	SIR	Germany	x			Germany	x	x		x																	
SAST-1			aroma			China				Xinjiang Sapporo																				x	
SAST-2			aroma			China				Xinjiang Sapporo																				x	
SAST-3			aroma			China				Xinjiang Sapporo																				x	
Satus®	YCR 7		bitter	Y7	SAT	USA - private breeding prog. prop.																		x							
Savinjski Golding		Styrian Savinjski Golding	aroma	SSG	SSG	Slovenia	x				x	x				x						x						x			
Serebrianka			aroma		SEK	Russia - public																		x							
Shinsyu Wase			bitter			Japan				Sapporo																				x	
Simcoe®	YCR 14		aroma	SI	SIM	USA - private breeding prog. prop.			US patent															x							
Sinsyu Wase			bitter			Japan				Asahi, Suntory																				x	
Sladek	VÚCH-71		aroma	SL	SLD	Czech Rep.	x						x																		
Slavianka			aroma	SLA	SLA	UKR – public; Res. Inst. of Hop Growing	x																x									
Smaragd	87/24/55		aroma	SD	SGD	Germany	x					x		x																	
Sonnet ™			aroma		SON	USA - private breeding prog. prop.																		x							
Sorachi Ace			aroma	SOR	SOR	Japan	exp.			Sapporo	x	x		x										x					x		
Southern Aroma			aroma	SAroma	SAR	South Africa	x																			x					
Southern Dawn			bitter	SDAWN	SDA	South Africa	2030																			x					
Southern Passion			aroma	SPassion	SPN	South Africa	x																			x					
Southern Promise			bitter	SPROM	SPR	South Africa	exp.																			x					
Southern Star			bitter	SSTAR	SST	South Africa	2022																			x					
Sovereign	50/95/33		aroma	SO	SOV	England		x									x														
Spalter		Spalt	aroma	SP	SPA	Germany				EU-PDO				x										x	x						
Spalter Select	78/3/34	Spalt Select	aroma	SE	SEL	Germany	exp.				x	x		x													x				
Starovolynskyi aromatychnyi			aroma	STA	STA	UKR – public; Doskoch Ivan Mykhailovych	x																x								
Sterling	9043-52		aroma	ST	STR	USA - public USDA																		x							
Sticklebract			bitter	SB	SBR	New Zealand																						x			
Strata ™	X331		aroma		STT	USA - Oregon State/ Indie Hops			US pat. b.r.															x							
Strisselspalter		Strissel Spalt	aroma	FSP	FSP	France										x								x							
Styrian Cardinal ™	30/96		aroma	CAR	CAR	Slovenia	x	b.r.														x									
Styrian Dragon	105/220		aroma		DRG	Slovenia	x	b.r.														x									
Styrian Eagle	35/137		aroma	EAG	EAG	Slovenia	x	b.r.														x									
Styrian Eureka	285/70		aroma	EUR	EUR	Slovenia	x	x														x									
Styrian Fox	102/44		aroma		FOX	Slovenia	x	b.r.														x									
Styrian Gold	31/299		aroma	STG	STG	Slovenia	x	x														x									
Styrian Kolibri	214/61		aroma		KOL	Slovenia	x	b.r.														x									
Styrian Wolf ™	74/134		aroma	WLF	WLF	Slovenia	x	b.r.	b.r.													x									
Summer			aroma	SU	SMR	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x					
Summit ™	AD24-002		bitter	SU	SUM	USA - private breeding prog. prop.		x	US patent															x							
Super Galena ™			bitter	SG	SGA	USA - private breeding prog. prop.		x	US patent															x							
Super Pride			bitter	SUP	SUP	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x					
Sussex Hop			aroma	SH	SXH	England											x														
Sybilla	PCU 688		aroma	SY	SYB	Poland	exp.											x													
Tahoma			aroma	TA	TAH	USA - public WSU																		x							
Talisman			bitter	TN	TLN	USA - public UI																		x							
Tardif de Bourgogne			aroma	TB	TDB	France								x																	
Target	11/65/92	Wye Target	aroma	TA	TRG	England						x		x		x	x														
Teamaker			aroma	TM	TMK	USA - public USDA																		x							
Tettnanger			aroma	TE	TET	Germany					x	x		x										x							
Tillicum®	H87207-2	Tillicum/Chelan	bitter		TIL	USA - private breeding prog. prop.			exp.															x							
Tomahawk®	F-10	CTZ	bitter	TK	TOM	USA - private breeding prog. prop.			exp.															x							
Topaz			aroma	TO	TOP	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	x					
Toyomidori			aroma	K4	JTY	Japan				British Hop Association (BHA)							x														
Traful			aroma		TRA	Argentina																			x						

Transsilvania Romanian Aroma			**aroma**	**TAR**	**TAR**	Romania												**x**												
Triple Pearl			**aroma**	**TR**	**TRP**	USA - public USDA																		**x**						
Triskel	**P 09-18**		**aroma**	**TL**	**TKL**	France		**b.r.**								**x**														
Triumf			**aroma**	**TF**	**TMF**	UKR – public; SP Prod. amalg., A.-P.-Service	**x**																	**x**						
Triumph	**USDA NUG-033**		**aroma**		**TRI**	USA - public USDA																			**x**					
Ukrainskyi aromatychnyi			**aroma**	**UA**	**UAA**	UKR – public; Doskoch Ivan Mykhailovych	**x**																	**x**						
Ultra	**8305-17**		**aroma**	**UL**	**ULT**	USA - public USDA																		**x**						
Vanguard	**8254-167**		**aroma**	**VA**	**VAN**	USA - public WSU																		**x**						
Vic Secret			**aroma**	**VS**	**VIS**	Australia - priv. breed. prog. prop. var.				Hop products Australia (HPA)																	**x**			
Victoria			**bitter**	**VI**	**VIC**	Australia				Hop products Australia (HPA)															**x**					
Vital	**4715**		**bitter**	**VIT**	**VIT**	Czech Rep.	**x**						**x**																	
Wai-iti ™	**HORT7709**		**aroma**	**WT**	**WTI**	New Zealand	**x**																						**x**	
Waimea ™	**HORT3953**		**bitter**	**WA**	**WAI**	New Zealand	**x**																						**x**	
Wakatu ™		**NZ Hallertau**	**aroma**	**WK**	**WKT**	New Zealand																							**x**	
Warrior®	**YCR 5**		**bitter**	**Y5**	**WAR**	USA - private breeding prog. prop.			US patent															**x**						
Whitbreads Golding Variety		**WGV**	**aroma**	**WGV**	**WGV**	England						**x**				**x**														
Willamette	**6761-117**		**aroma**	**WI**	**WIL**	USA - public USDA																		**x**			**x**	**x**		
Yakima Gold			**aroma**	**YG**	**YKG**	USA - public WSU																		**x**						
Zagrava			**aroma**	**ZAG**	**ZAG**	UKR – public; Res. Inst. of Hop Growing	**x**																	**x**						
Zeus		**CTZ**	**bitter**	**ZE**	**ZEU**	USA - private breeding prog. prop.																		**x**						
Zlato Polissia			**aroma**	**ZLP**	**ZLP**	UKR – public; SP Prod. amalg., A.-P.-Service	**x**																	**x**						
Zmina			**aroma**	**ZMI**	**ZMI**	UKR – public; Res. Inst. of Hop Growing	**x**																	**x**						