							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
06277	06277	Denali	aroma	DN	277	USA - private breeding prog. prop.		b.r.																	x						
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 Republic	x					x	x																		
Ahtanum®	YCR 1	Yakima Chief Ranches 1	aroma	AH	AHT	USA - private breeding prog. prop.																			x						
Alpharoma			bitter	AA	AAA	New Zealand																			x						
Alta			bitter	ALT	ALT	UA – 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																	
Astra ™			aroma		AST	Australia - private breeding prog. prop.				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						
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 Republic	x						x																		
Boomerang	4914		bitter		BOO	Czech Republic	x						x																		
Bor	VÚCH-70		aroma	BOR	BOR	Czech Republic	x						x																		
Bouclier	P 08-6		aroma	BCL	BCL	France		x								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		x						
Brokat	UR1		aroma		BRK	Germany		b.r.		Veltins				x																	
BRU-1	BRU-1		aroma		BR1	USA - private breeding prog. prop.			US patent																x						
Bullion	Q43		aroma	BU	BUL	England											x								x	x					
Callista	2010/8/33		aroma	CI	CAL	Germany		b.r.						x																	

							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
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			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	Hop Breeding Company 394	aroma	CT	CIT	USA - private breeding prog. prop.			US patent																X						
Cluster		Gargoyle®, Ivanhoe®	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							X						
Comet			aroma	CO	COM	USA - public USDA					X			X											X						
Country			aroma		COU	Czech Republic	x						X																		
Crystal	8309-37		aroma	CR	CRY	USA - public USDA												X							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						
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														
Efes Aroma			aroma		EFE	Turkey																	X								
Ege			aroma		EGE	Turkey																	X								
Ekuanot®	HBC 366	Equinox, Hop Breeding Company 366	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 - private breeding prog. prop.				Hop products Australia (HPA)																		X			
Endeavour	15/2		aroma	EN	END	England				British Hop Association (BHA)							X														
Enigma			aroma	EA	ENI	Australia - private breeding prog. prop.				Hop products Australia (HPA)																		X			
Erciyas			bitter		ECY	Turkey																	X								
Ernest	OZ 97a		aroma	OZ	ERN	England				British Hop Association (BHA)							X														
Eroica			bitter	ER	ERO	USA - public UI																			X						
Eureka! ™	05256		bitter	EU	EUE	USA - private breeding prog. prop.		b.r.																	X						
[Experimental selections]				EXP	EXP	USA																			X						

							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
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														
Furano Beauty			aroma		FBY	Japan	x			Sapporo																				x	
Furano Blanc®		Furano 0802D Go	aroma		FBC	Japan	x			Sapporo																				x	
Furano Flora®		Furano 0902D Go	aroma		FFL	Japan	x			Sapporo																				x	
Furano Honoka®			aroma		FHK	Japan	x			Sapporo																				x	
Furano Magical®		Furano K906901060 Go	aroma		FMG	Japan	x		x	Sapporo																				x	
Furano Rosa®		Furano 0901B Go	aroma		FRS	Japan	x			Sapporo																				x	
Furano Special		Furano Spezial	aroma		FUS	Japan	x			Sapporo																				x	
Forward	0115 KP-44	Forvard, Форвард	bitter	WO	WOR	Russia														x											
Fuggle			aroma	FU	FUG	England						x				x	x					x			x				x		
Gaia	4849		bitter		GAA	Czech Republic	x						x																		
Galaxy			aroma	GY	GXY	Australia - private breeding prog. prop.				Hop products Australia (HPA)																		x			
Galena			bitter	GA	GAL	USA - public UI																			x						
Gaydamatskyi		Gaidamatski	aroma	GAI	GAI	UA – 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		GST	Japan				Sapporo																				x	
Golding		clones Cobbs, Early Bird, Early Choice, Eastwell, Mathon	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																		
Helga			aroma	HEL	HEL	Australia - private breeding prog. prop.				Hop products Australia (HPA)																		x			
Herkules	95/94/816		bitter	HS	HKS	Germany		x						x																	

							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
Hersbrucker Pure	78/5/30		aroma	HP	HPU	Germany	exp.							x																	
Hersbrucker Spät		Hersbrucker	aroma	HE	HEB	Germany					x			x																	
Hokuto Ace		Furano 18 Go, Furano 18	aroma		HOK	Japan	exp.			Sapporo																				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													
Izabella			bitter		IZA	Poland												x													
Jarrylo®	ADHA-881		aroma	JA	JAR	USA - private breeding prog. prop.			US patent																x						
Jazz			aroma	JAZ	JAZ	Czech Republic	x						x																		
Jester®			aroma	JE	JES	England				Charles Faram							x														
Kaikogane			aroma		JKG	Japan	exp.			Kirin																				x	
Kazbek			aroma	KA	KAZ	Czech Republic	x						x																		
Keyworths Early	OJ 47		aroma	OJ	KWE	England											x														
Keyworths Midseason	OR 55		aroma	OR	KWM	England											x														
Kirin No 2		Kirin 2gou	aroma		JK2	Japan	exp.			Kirin																				x	
Klon-18			aroma	K-18	K18	UA – 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		LST	Japan	x			Sapporo																				x	
Lomik			aroma	LO	LOM	Poland												x													
Loral®	HBC 291	Hop Breeding Company 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													
Medusa ™			aroma		MED	USA - private breeding prog. prop.			US patent																x						
Melba ™			aroma	MEL	MEL	Australia - private breeding prog. prop.				Ellerslie																		x			
Meridian			aroma		MER	USA - private breeding prog. prop.																			x						

							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
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	Hop Breeding Company 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	
Nahuel			aroma		NAH	Argentina	x			ABInBev																x					
National		Natsionalnyi	aroma	NAT	NAT	UA – 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					
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				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		
Pahto ™	HBC 682	Hop Breeding Company 682	bitter		PAH	USA - private breeding prog. prop.			US patent																x						
Palisade®	YCR 4	Yakima Chief Ranches 4	aroma	Y4	PAL	USA - private breeding prog. prop.			US patent																x						
Pazaryeri			bitter		PAZ	Turkey																	x								
Pandora ™			aroma		PAN	Australia - private breeding prog. prop.				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																	

							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
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	UA – public; Res. Inst. of Hop Growing	x																	x							
Premiant	Sm 73/3060		aroma	PR	PRE	Czech Republic	x						x								x										
Pride of Ringwood			bitter	POR	POR	Australia																						x			
Progress			aroma	PRO	PRO	England											x														
Promin			aroma	PROM	PRM	UA – public; Res. Inst. of Hop Growing	x																	x							
Puławski	6/61		aroma	PU	PUL	Poland	x											x													
Qingdao dahua		Tsingdao Flower	bitter		QID	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		
Rottenburger Spät			aroma	RR	RRS	Germany								x																	
Rubin			bitter	RU	RUB	Czech Republic	x						x																		
SA-1			aroma		SA1	China				Xinjiang Sapporo																				x	x
Saaz		Saazer	aroma	SA	SAZ	Czech Republic						x	x	x							x				x						
Saaz Late	4237		aroma	SAL	SAL	Czech Republic	x						x																		
Saaz Special	NŠD2002		aroma	SAS	SAS	Czech Rep., private breeding prog. prop.	x						x																		
Sabro ™	HBC 438	Hop Breeding Company 438	aroma		SAB	USA - private breeding prog. prop.			US patent																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				x	x		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						
Shinshuwase		Shinsyu Wase, Sinsyu Wase	bitter		SSW	Japan																								x	
Simcoe®	YCR 14	Yakima Chief Ranches 14	aroma	SI	SIM	USA - private breeding prog. prop.			US patent																x						
Sladek	VÚCH-71		aroma	SL	SLD	Czech Republic	x						x																		

							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
Slavianka			aroma	SLA	SLA	UA – 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	SSE	Germany	exp.				x	x		x														x			
Starovolynskyi aromatychnyi			aroma	STA	STA	UA – 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 - private breeding prog. prop.				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 - private breeding prog. prop.				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																	

							Plant Variety Rights & Protection				Variety produced 2018 in																				
Variety or brand name	Breeder's reference or patent denomination	Synonym	Assignment	Code formerly in use	New valid IHGC code	Origin	Na-tional	EU-PVR	Patent	Other	AT	BE	CZ	DE	ES	FR	UK	PL	RO	RU	SK	SI	TR	UA	US	AR	ZA	AU	NZ	JP	CN
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 - private breeding prog. prop.				Hop products Australia (HPA)																		x			
Toyomidori		Kirin Flower, Feng Lv	aroma	K4	JTY	Japan				British Hop Association (BHA)							x														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		x								x															
Triumf			aroma	TF	TMF	UA – public; SP Prod. amalg., A.-P.-Service	x																	x							
Triumph	USDA NUG-033		aroma		TRI	USA - public USDA																			x						
Ukrainskyi aromatychnyi			aroma	UA	UAA	UA – 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 - private breeding prog. prop.				Hop products Australia (HPA)																		x			
Victoria			bitter	VI	VIC	Australia				Hop products Australia (HPA)																x					
Vital	4715		bitter	VIT	VIT	Czech Republic	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	Yakima Chief Ranches 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	UA – public; Res. Inst. of Hop Growing	x																	x							
Zappa ™	FZMR2		aroma		ZAP	USA - private breeding prog. prop.			US patent																x						
Zeus		CTZ	bitter	ZE	ZEU	USA - private breeding prog. prop.																			x						
Zlato Polissia			aroma	ZLP	ZLP	UA – public; SP Prod. amalg., A.-P.-Service	x																	x							
Zmina			aroma	ZMI	ZMI	UA – public; Res. Inst. of Hop Growing	x																	x							