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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					

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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						

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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, 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																		
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			

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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													
Medusa ™			aroma		MED	USA - private breeding prog. prop.			US patent																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						

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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	
Nahuel			aroma		NAH	Argentina																				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					
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														

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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							
Puławski	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																		
Sabro ™	HBC 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			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	

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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	SSE	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													

							Plant Variety Rights & Protection				Variety produced 2017 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	RS	SK	SI	UA	US	AR	ZA	AU	NZ	JP	CN
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							
Zappa ™			aroma		ZAP				US patent																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							