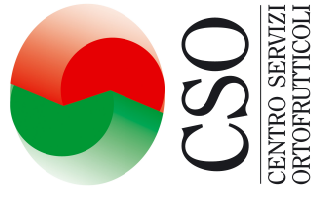
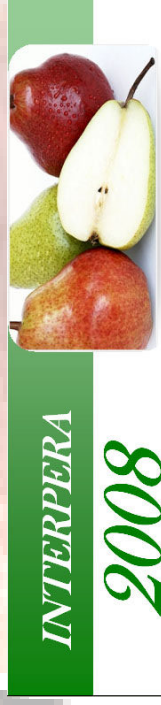
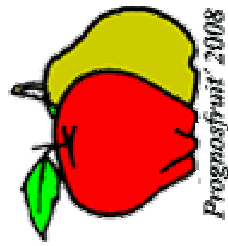


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Pears

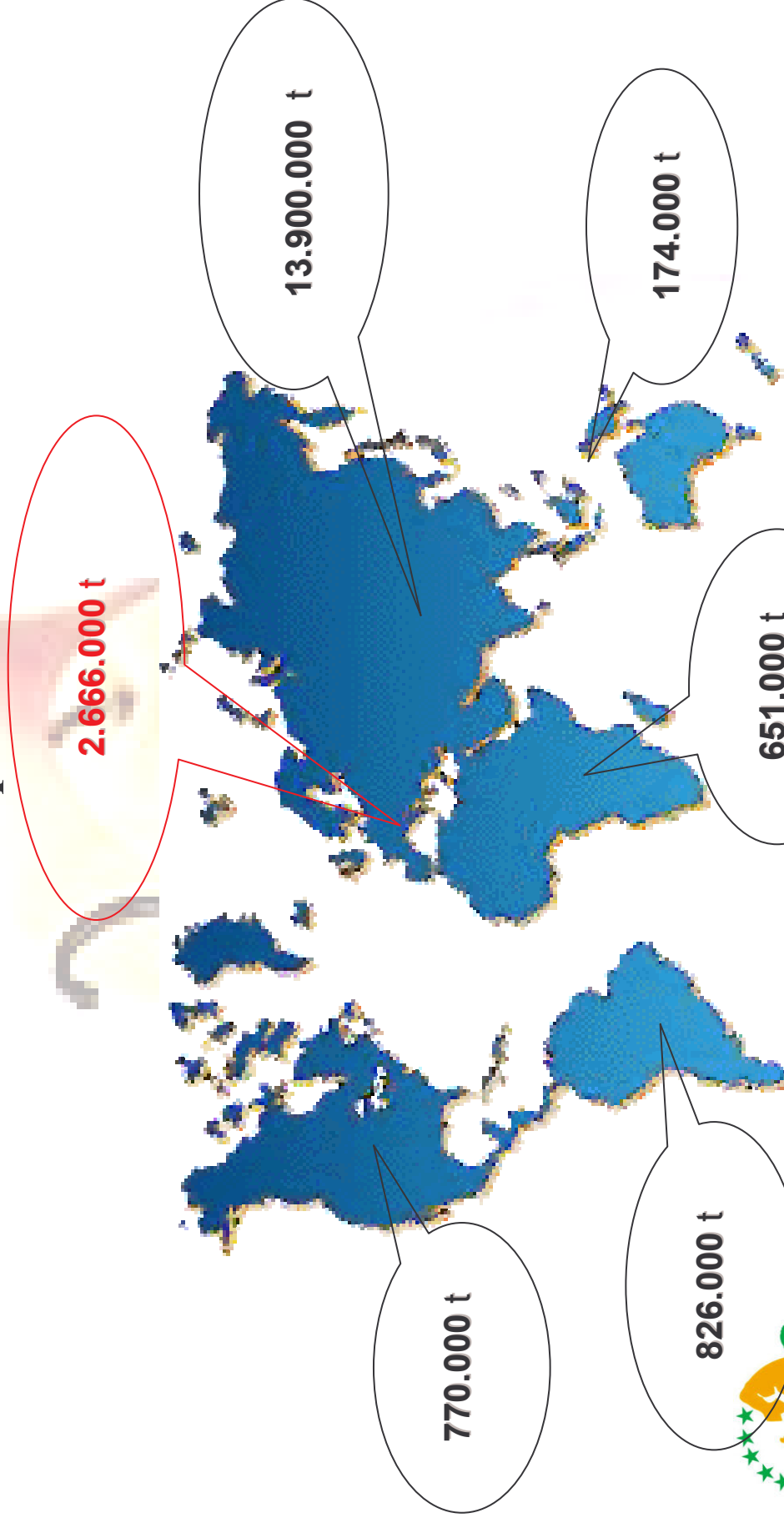
Situation and Trends





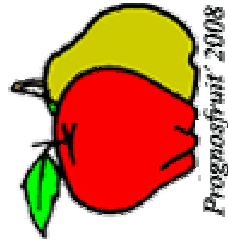
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World production



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2008



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The world production of pears (FAO 2006) reached 19,5 M. Tons.

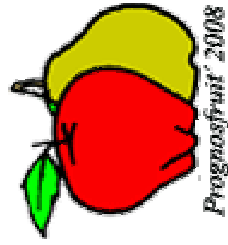
South Asia is concentrating 67% of the world productions, followed by Europe (16%).

North America (North and South) has a market share of 8%.



INTERPERA

2008



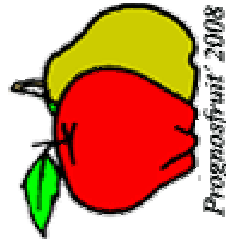
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The european production

	2007 .000 t	%	Trends
ITALY	876	37	-
SPAIN	453	19	--
BELGIUM	280	12	+
FRANCE	218	9	-
NETHERLANDS	250	11	+
PORTUGAL	157	7	=
GERMANY	55	2	=
GREECE	61	3	=
Total	2.350		

Fonte: nostra elaborazione su dati PROGNOFRUIT.





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Main varieties produced in Europe

year 2007

• <i>Conference</i>	759.000 t						31% UE
• <i>Abate F.</i>	311.000 t						13% UE
• <i>William B.C.</i>	300.000 t						12% UE
• <i>Blanquilla</i>	127.000 t						5% UE
• <i>Guyot</i>	97.000 t						4% UE
• <i>Comice</i>	124.000 t						5% UE

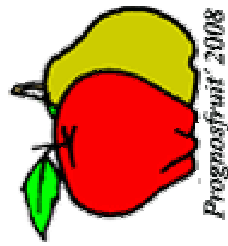
And specificities:

• <i>Rocha</i>	148.000 t						6% UE
• <i>Coscia</i>	105.000 t						4% UE



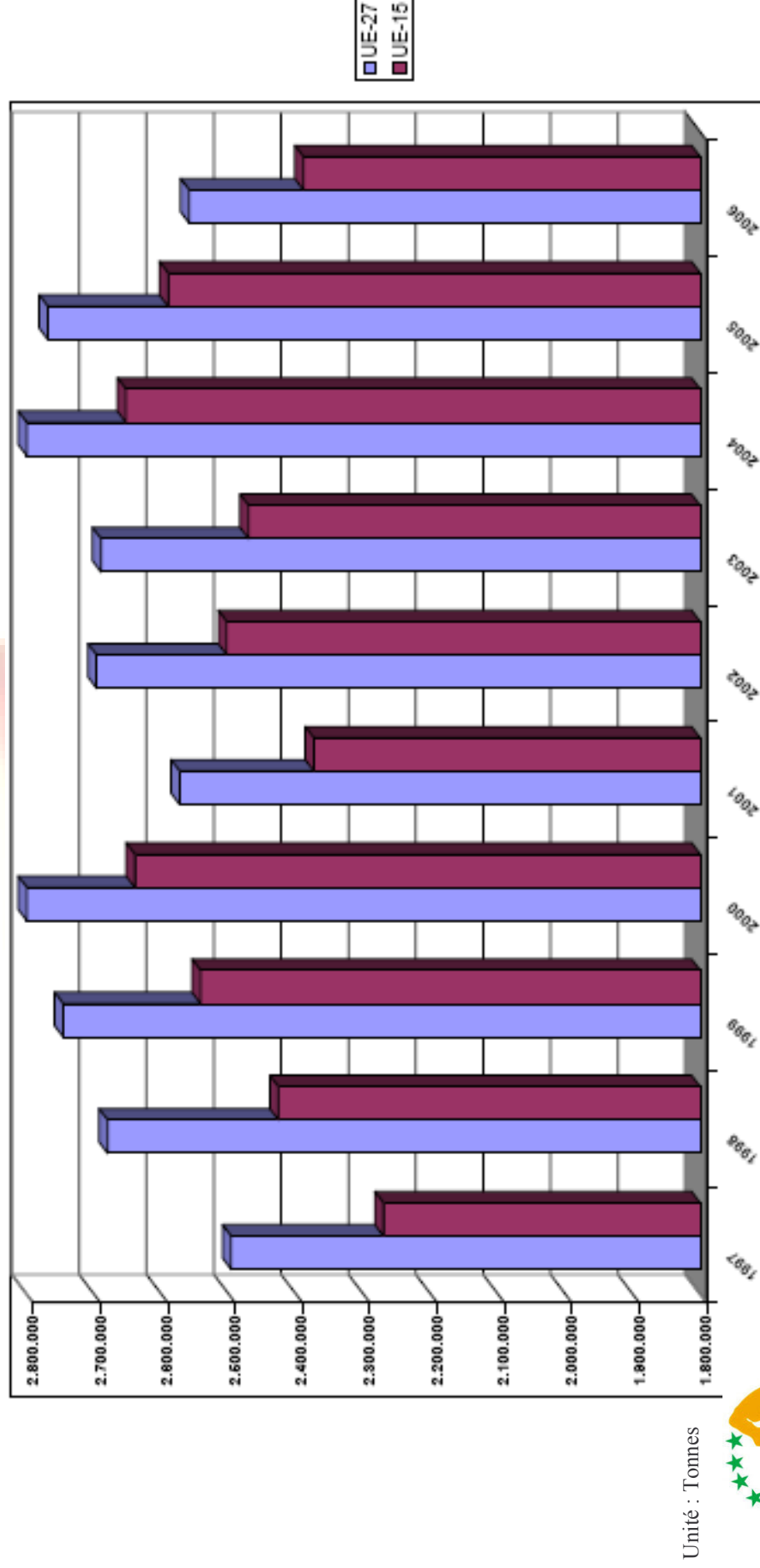
INTERPERA

2008



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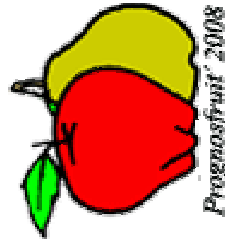
Global European production



Source : EUROSTAT



INTERPERA
2008

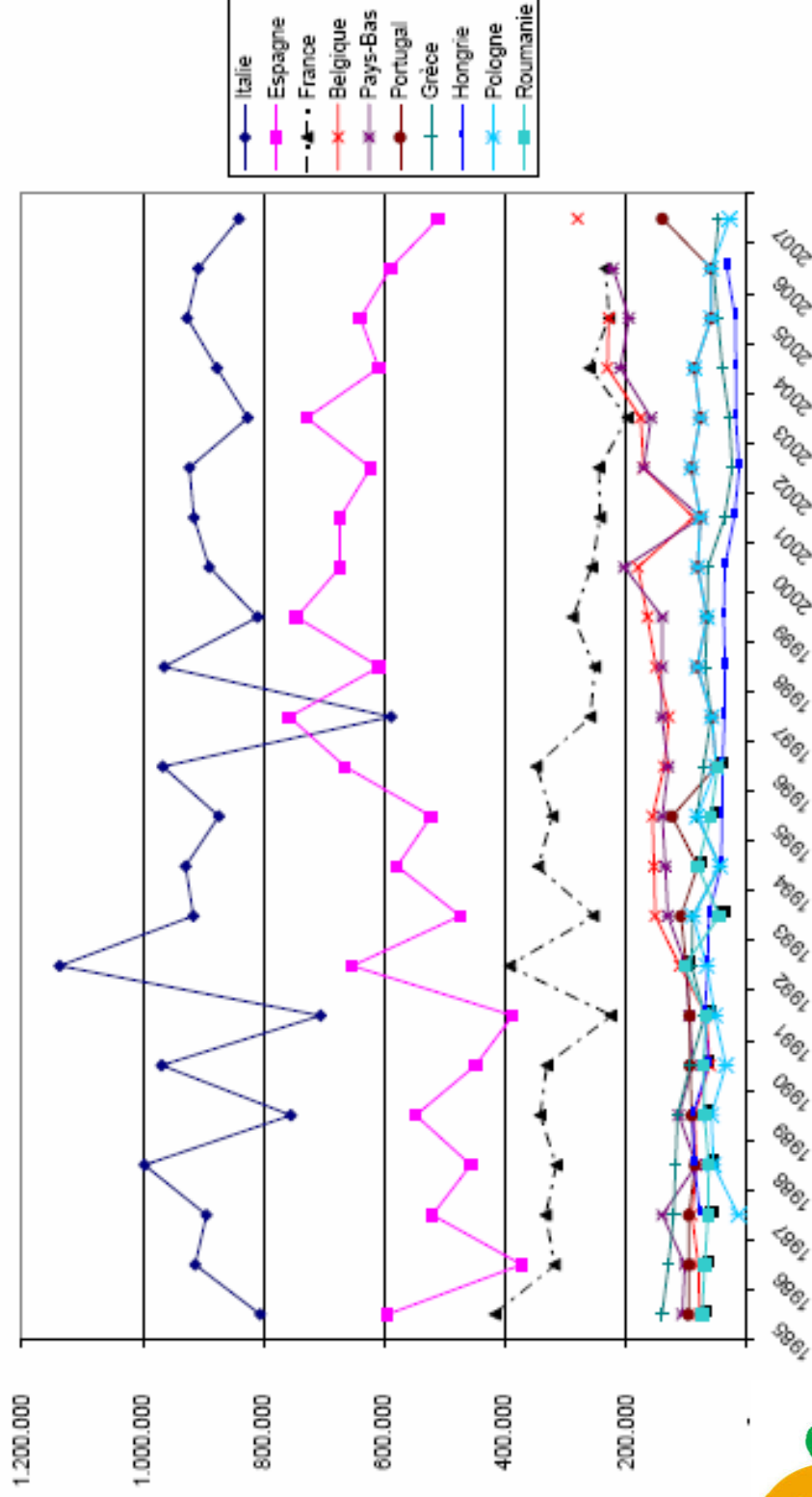


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Prognosfruit 2008

Pear production by member state (T)

The production is slightly decreasing in particular in Italy, Spain and France



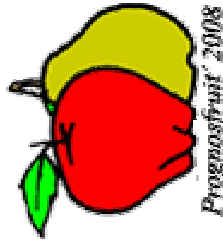
Unité : Tonnes

Source : EUROSTAT



INTERPERA

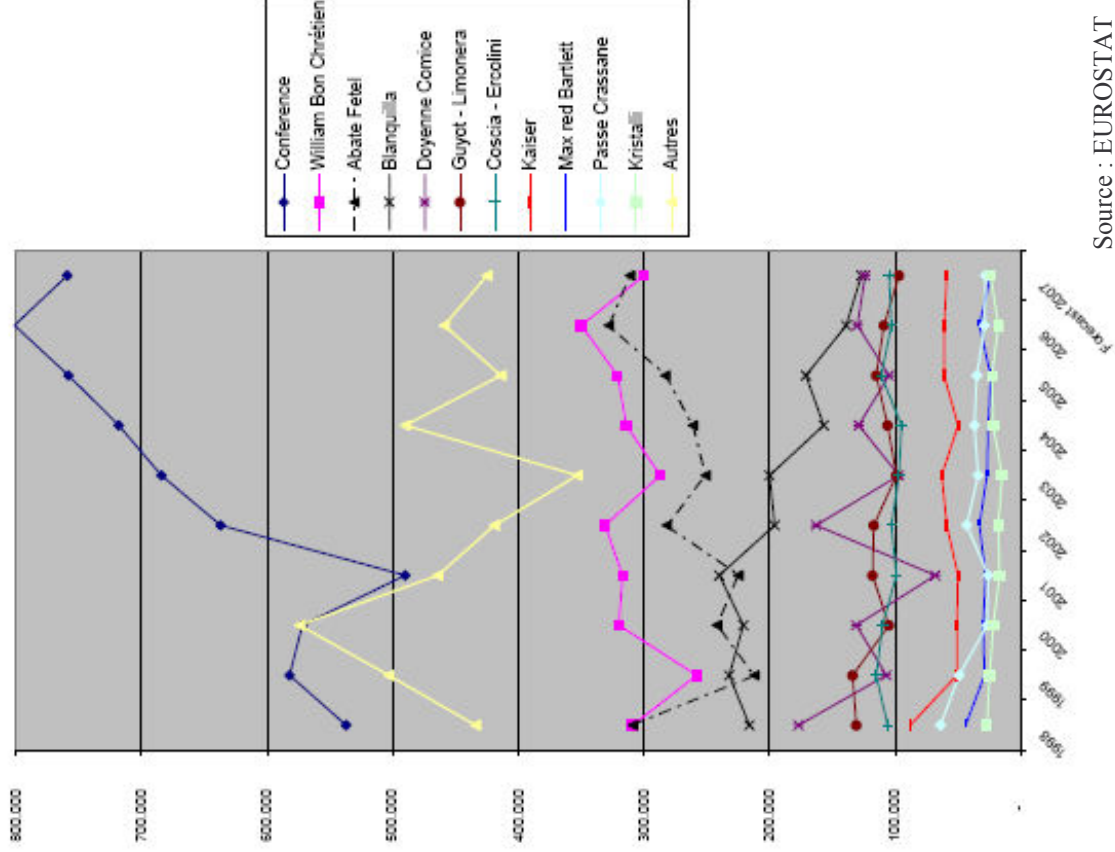
2008



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Prognosfruit 2008

Recent trends of the main varieties of pear UE/15 (T)



If Conference shows an important rise (+100% 98/07), Abate fetel confirms a good trend as well as Williams.

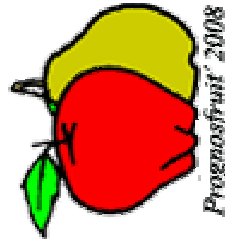
The others are stagnating at best.

Unité : Tonnes



INTERPERA

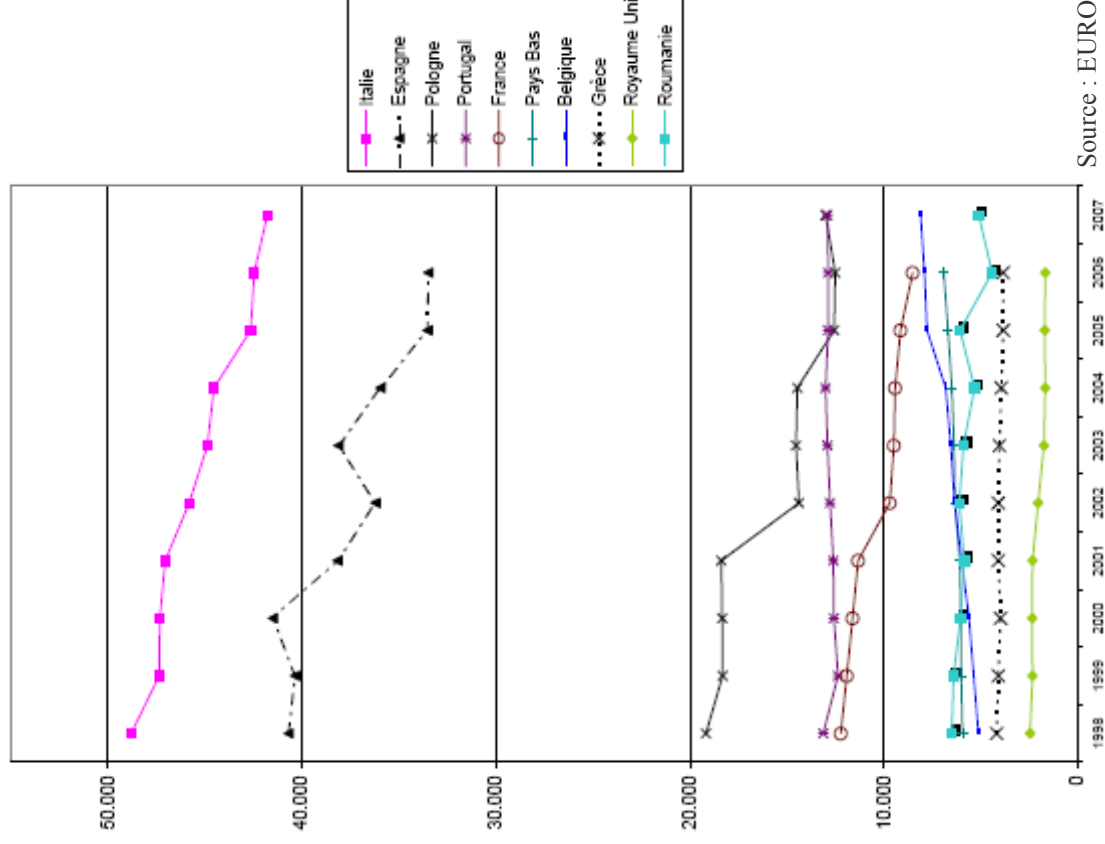
2008



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Recent trends for the main varieties of pears (Ha)



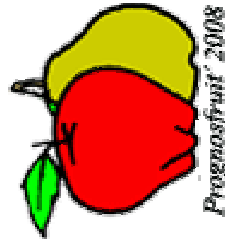
Source : EUROSTAT

Unité : Ha



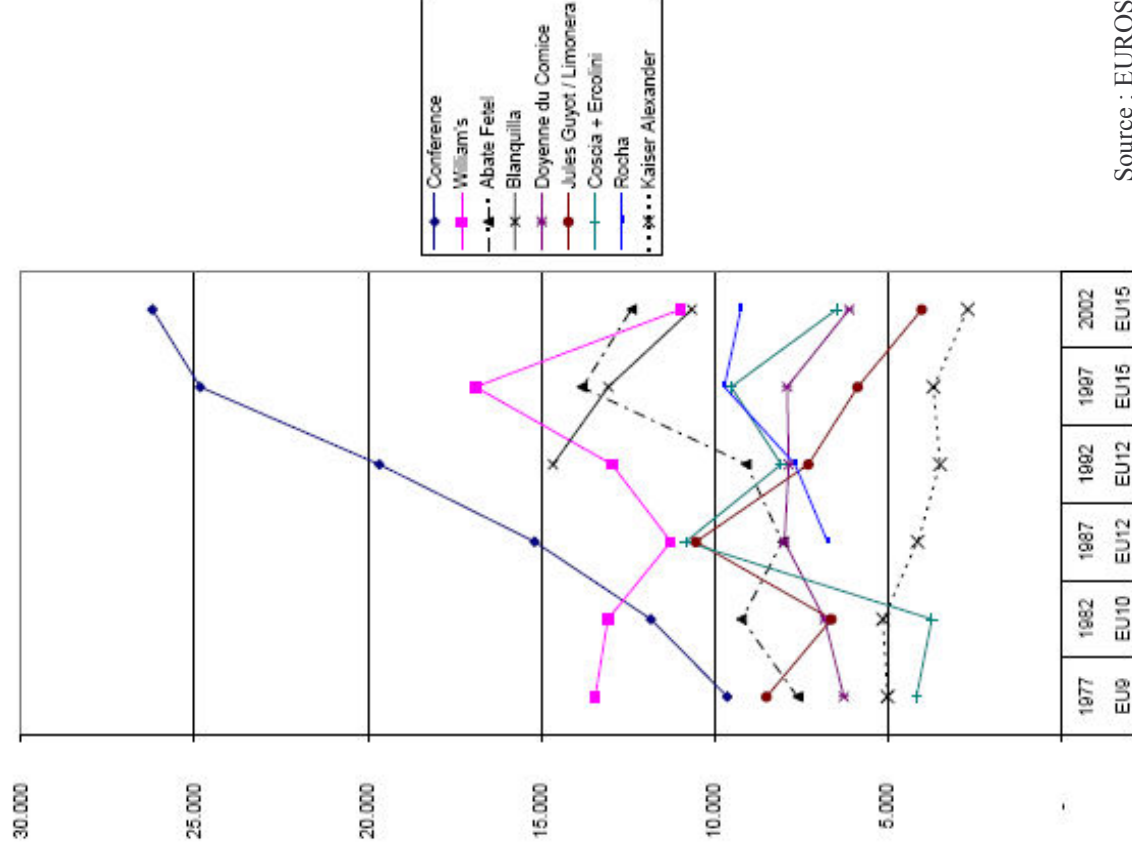
The european orchard is decreasing from year to year, in all countries. Except in Belgium and The Netherlands.





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Trends of surfaces by variety (Ha)



Unité : Ha



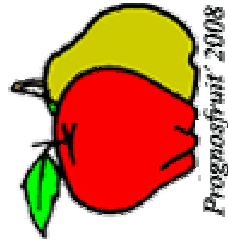
Conference has become the variety leader followed by Abate Fetel.

The production of Guyot is less than half of 1987.



INTERPERA
2008

Source : EUROSTAT



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The share of the european production is quite well balanced.

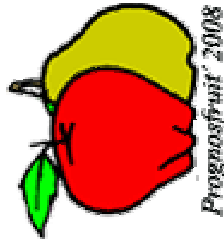
Spain 50% in July, August and September
France 60% in July, August and September
Italy 50% in October, November, December

Underline the increasing production in The Netherlands, Belgium (cv. Confrence) which contribute to strenghten the market position of these countries to re-export.



INTERPERA

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Main Objectives of pear breeding in Europe

- *Greater seasonal range* (especially for very early & post-Conference fall-winter ripeners)
- *Compact tree habit*
- *Biotic resistance*
 - fireblight (*Erwinia amylovora*)
 - psylla (*Cacopsilla pyri*)
 - scab (*Venturia pyrina*)
- *Environmental adaptation* (cold climates and hot Summer)
- *Fruit quality* (shape, skin colour, flesh, taste)
- *Search for new cv. types*
 - hybrids with Asian species
 - red-skin pears
 - hard and compact flesh for processing
- *Historical germplasm*: recover abandoned pears for niche markets

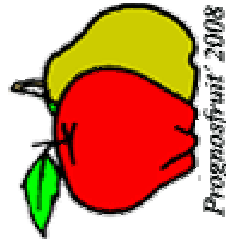


Source : Silviero Sansavini



INTERPERA

2008



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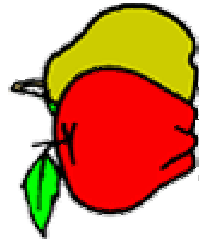
Novel CVS Released Worldwilde 1991-2007

PEAR	201
Conventional	118
With resistance	83
NASHI & HYBRIDS	103
Conventional	50
With resistance	56



Source : Silviero Sansavini





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Prognosfruit 2008

Main pear varieties recently obtained in Europe

COUNTRY	INSTITUTE	Angers	MAIN VARIETIES
France	INRA	Angers	Angelys
	G. Delbard	Commentry	Delsavor
Germany	Inst. Fruit Res.	Pillnitz	Isolda; Hortensia; Uta
Italy	CRA - Ist. Sper. Fruttic.	Forlì	Carmen; Aida
	Istea - CNR	Bologna	Abate Light; William Ramada
	DCA - Università	Bologna	Selected hybrids -44; -51; -69
	DOFFI	Florence	Etrusca; Sabina
Netherlands	CPRO-DLO	Wageningen	Condo
	S.K. Broertjes	Wijdenes	Sweet sensation®
Belgium	Gebroeders Sael, s	Herk de Stad	Corina (2) (Vroege Conference Sael)
Poland	Skierniewice Res. Inst.	Skierniewice	Hnidzik
U.K.	East Malling Research Station	Maidstone	Concorde
	John Innes Institute	Norwich	Jowil ® (Dolacomì)
Rep. Ceka	Breeding Station of Fruit Tree	Techobuzice	Karina
Moldova	Inst. de Cercetari pentru Pomicultura	Chisinau	Xenia (Noiabriskaia)
Rumenia	Fruit Research Station	Voinesti	Corina (1); Tudor
	Fruit Tree Institute	Pitesti-Maracineni	Monica
	Fruit Tree Res. Station	Cluj	Ina-Estival

Source : Silviero Sansavini