



# Recent situation of blackcurrant industry in Poland



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# INTODUCTION – the blackcurrants

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- **Big economic importance in the European and world fruit production,**
- **Great interest in the commercial and amateur cultivation,**
- **High nutrient and health benefit contents of fruits and good usefulness for the processing and freezing industries,**
- **Construction and production of different types of harvesters in Poland,**
- **Working out the technology of cultivation and maintaining plantations established for fruit picking by harvests,**
- **Suitable weather and soil conditions for blackcurrant growing in Poland.**
- **Long tradition in blackcurrant fruit production**



# BLACKCURRANT recent situation



**FRUIT PRODUCTION** – commercial plantations with fruit collecting by harvester



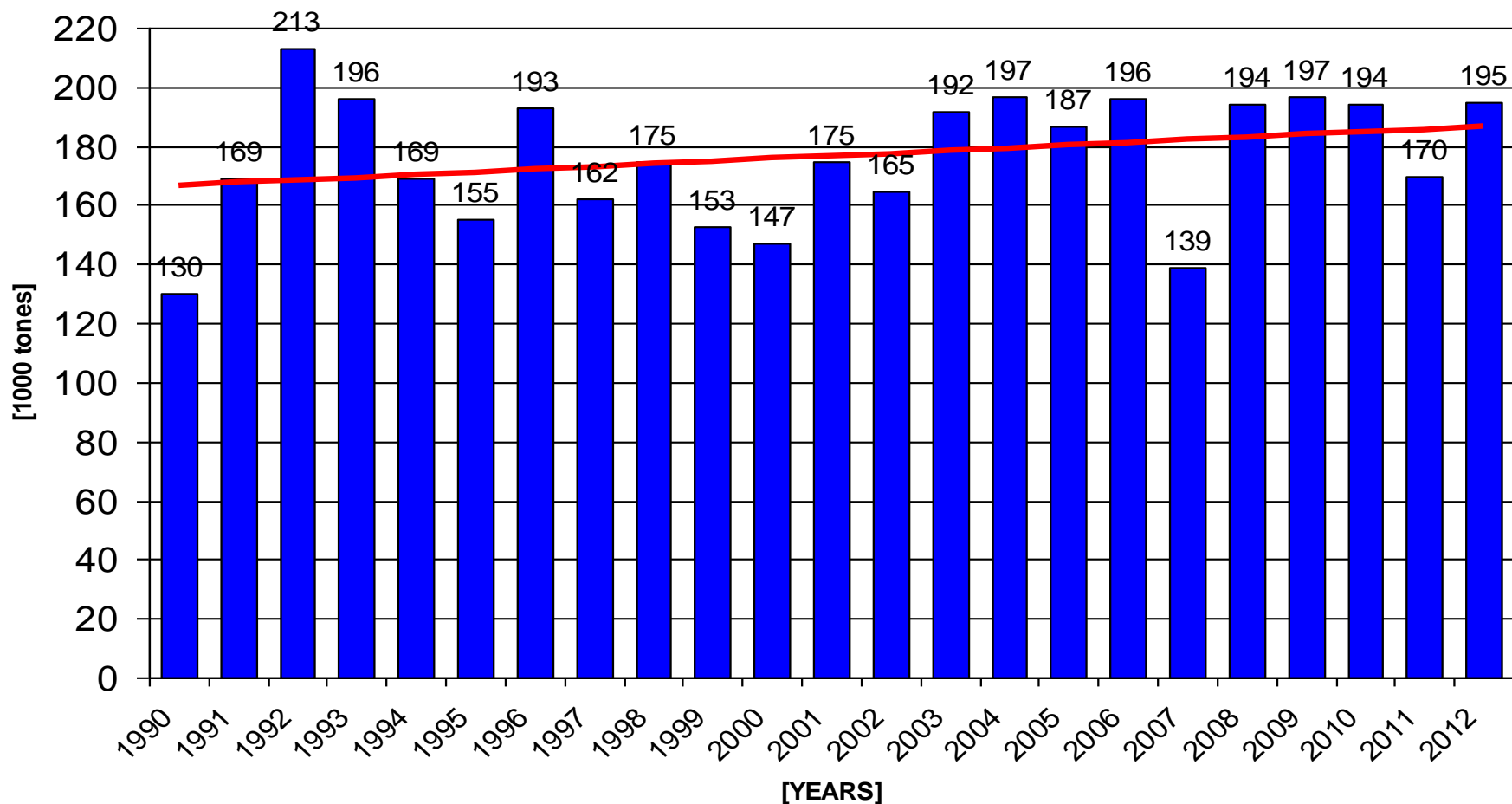


**Different types of harvested used in Poland**

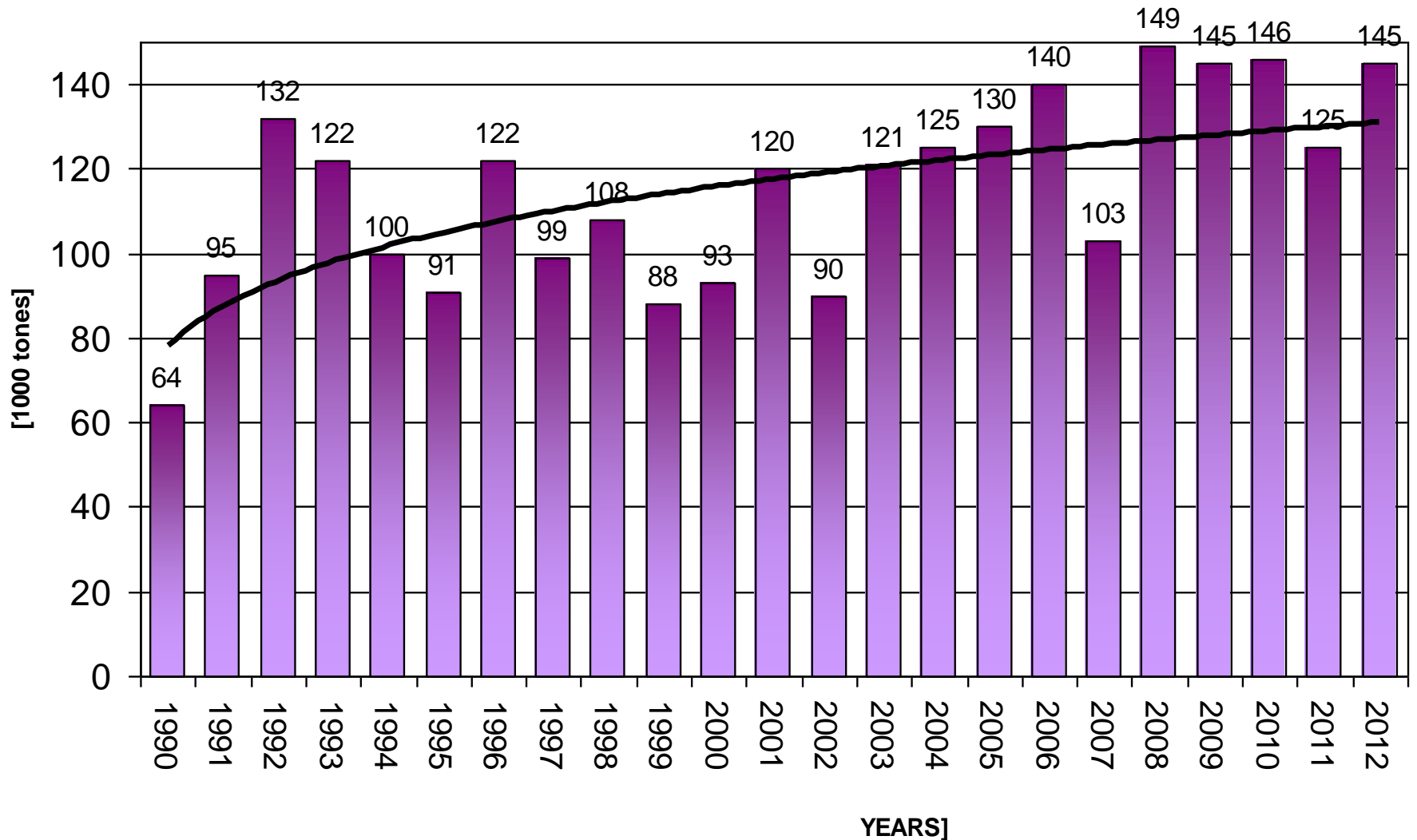


# FRUIT PRODUCTION OF CURRANTS (BLACK and RED) IN POLAND in years 1990-2012 [1000 tones] by GUS/\*

/\* GUS – Central Statistical Office



# FRUIT PRODUCTION OF BLACKCURRANTS IN POLAND [1000 tones] by GUS



# BLACKCURRANT PRODUCTION in POLAND

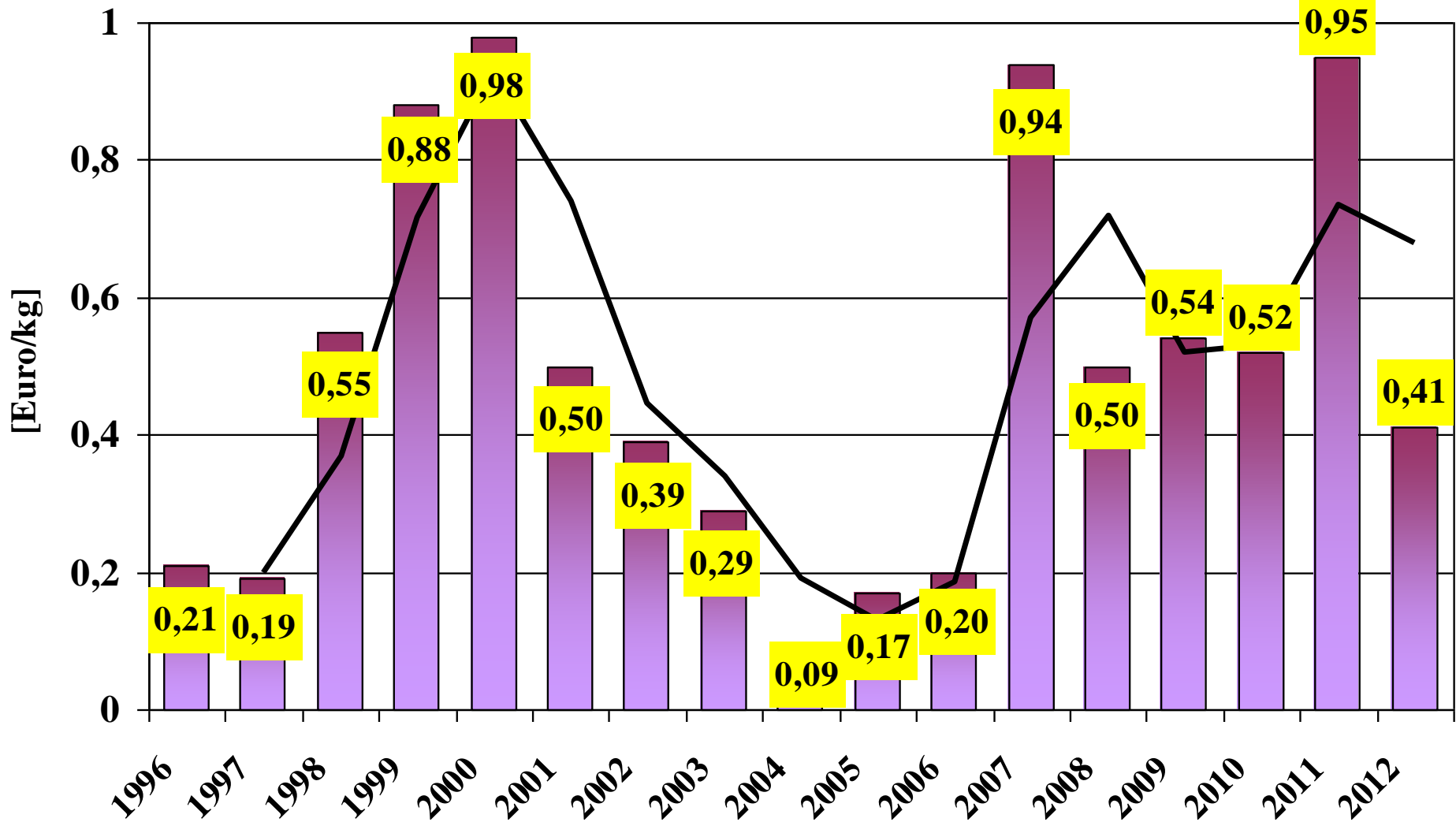
## due to different sources

Source of DATA	FRUIT PRODUCTION (1000 MT)				
	2008	2009	2010	2011	2012
<b>GUS - Central Statistical Office</b> <b>TOTAL</b> (Black & Red currants) <b>BLACKCURRANTS</b>	196 -	197 -	191 -	172 -	196 145
<b>Institute of Agricultural and Food Economics</b> <b>TOTAL</b> (Black & Red currants) <b>BLACKCURRANTS</b>	196 149	197 145	191 146	160 115	185 125
<b>Grower's Organizations</b> <b>Since 2012 – KSPCP</b> <b>BLACKCURRANTS</b>	115	125	110	80	95

**In December 2012 – the first meeting and discussion at the GUS in Warsaw**

- separate statistic data for black- and red currants
- cooperation with Grower's Association (KSPCP) and processing industry representing by the Polish Association of Juice Producers (KUPS) in preparing the reliable, official data for fruit production, including blackcurrants

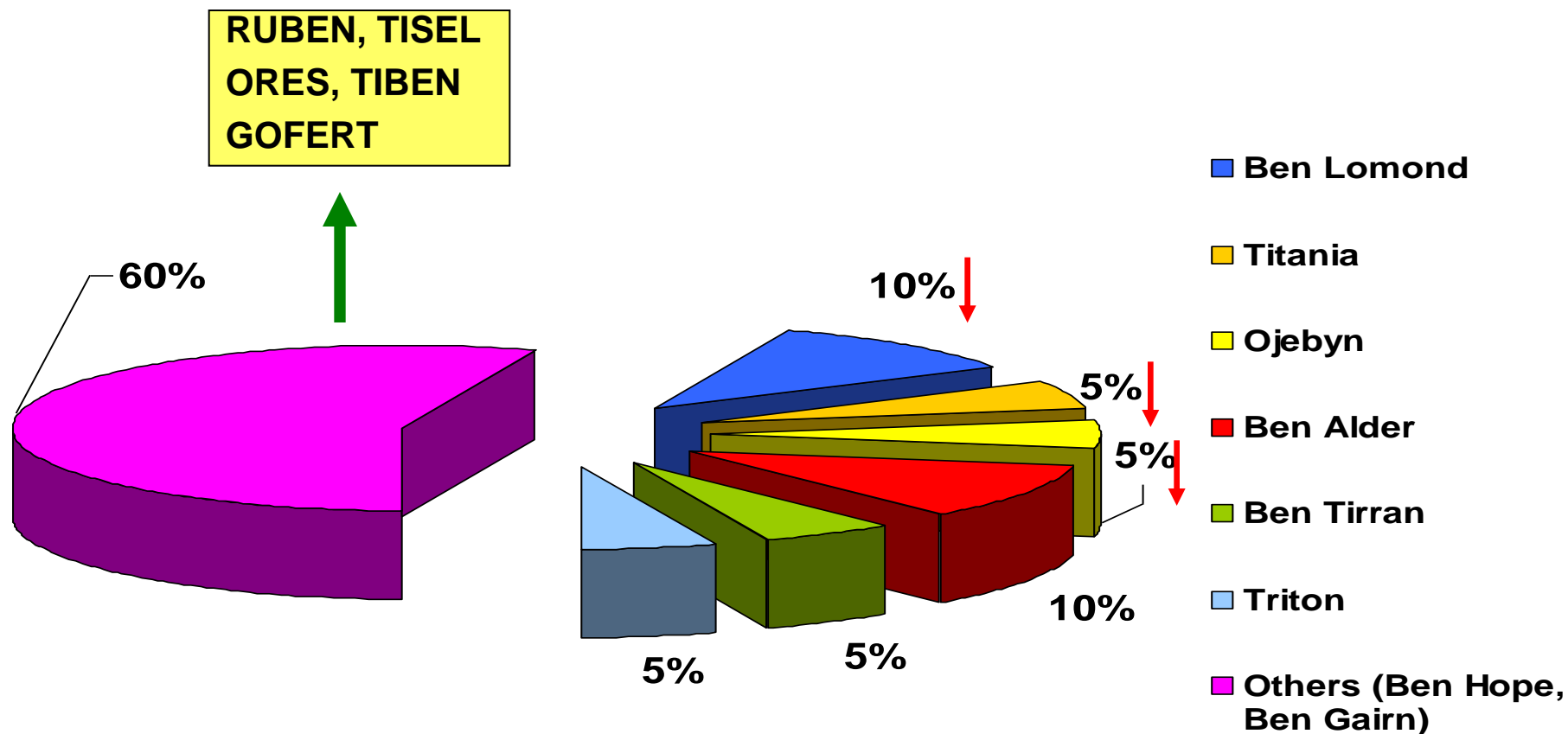
# Average prices of blackcurrants for growers in Poland in 1996-2012, [Euro/kg]





# Structure of blackcurrant cultivars

Grown recently on commercial plantations in Poland.



Polish cultivars have been more planted and now aprox. 60% of the production acreage is occupied by Polish blackcurrant cultivars

# BLACKCURRANT BREEDING - 1986

- 75% for processing and freezing (machine harvest)
- 25% dessert – fresh market (hand picked)



# Progress in increasing of **blackcurrant** fruit size

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0,8-1,0 g

Ojebyn, Titania  
Ben Alder, Tiben  
Ben Lomond



1,2- 1,5 g

Ben Hope  
Tines, Ruben  
Gofert, Ores



2,5-3,0 g

Bona  
Big Ben  
D 13 B/11





X



=



X



=



'BONA' (PL)  
(1,8 g)

'LENTAJ' (RUS)  
(1,4 g)

D 13B/11  
(2,4 g)

# MOST IMPORTANT ACHIEVEMENTS - new **Blackcurrant** cultivars released and register into the National List of Cultivars and Plant Breeding Rights (PBR) in Poland

2000



2010



2005



All these cultivars are also protected by the PBR on territory of UE till 2025-2030

# The newest **blackcurrant** cultivars submitted to the final evaluation before registration into National List

2009

**'TIHOPE'**



Breeding clone numbered **PC-425**

**'POLARES'**



Breeding clone numbered **PC-7/13**



# Further development

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- ✓ **The present blackcurrant production (acreage and fruit crop) is rather steady because of four reasons:**
  1. The plantations are getting older and older, so the yield potential of plants is decreasing !!!
  2. The reduction (or lack) of effective pesticides for plant protections against the most serious fungal diseases and pests
  3. Spreading out the main pests and disease – **gall mite** („big bud” and **Blackcurrant Reversion Virus (BRV)**
  4. Occurring of spring frosts also reduce the fruit yield potential of blackcurrant plants and total crop.
    - **in spring of 2013 there have not been any spring frost, but thunderstorms, heavy rains and hailstones occurred locally in Poland.**

# Blackcurrant Reversion Virus (BRV)



Gall mite („big bud“).  
***Cecidophyopsis ribis***



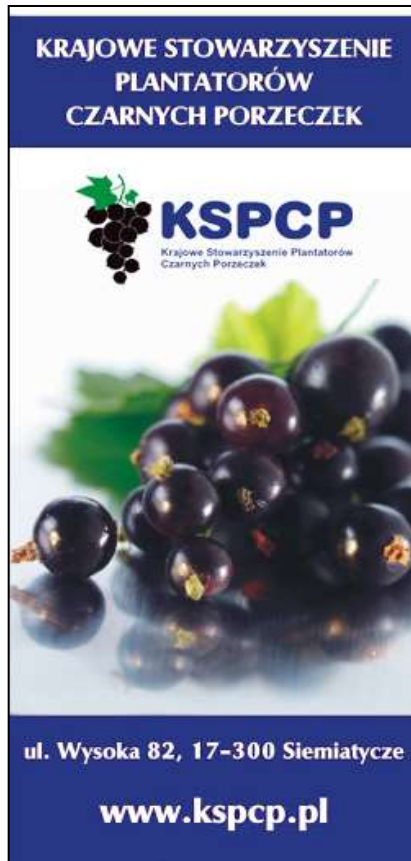
American powdery mildew  
***Spherotheca mors-uvae***



# Further development

✓ The most important matters to be arranged:

1. **better organized Polish growers** (group of growers, production organization - regional or/and on the National level



**since April 2012** – it has been established the National Blackcurrant Growers' Association („Krajowe Stowarzyszenie Plantatorów Poczeczek Czarnych” – **KSPCP**, <http://www.kspcp.pl>



# Further development

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✓ **The most important matters to be arranged:**

**2. Fair-play cooperation between growers and processing industry** resulting in signing the contracts between growers and processors:

- fruit concentrate – **90% foreign** capital, 10% Polish
- frozen fruits – 50 : 50% of foreign and Polish capitals

- more stable prices are needed
- eliminate the **low prices for blackcurrants** (often much lower, that our growers expected !!!) settled down by processors in some seasons, like 2004-2006 and 2012
- offering contract agreements for our growers by some processing companies

# Further development

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- **PROMOTION** is needed for increasing the consumption of the valuable blackcurrant products
- Annual increase of consumption of only 1 l of juice/ nectar per person in EU countries could improve the profitability of blackcurrant fruit production,
- The people/ consumers should change their thinking; „**Blackcurrant juice or nectar is pretty expensive, because it is very healthy and beneficial for the human health**”.



**Thank you for your attention**