

#### MILJAN CVETKOVIĆ

in cooperation with

GORDANA ĐURIĆ AND PAKEZA DRKENDA

## FRUIT PRODUCTION SECTOR IN BOSNIA AND HERZEGOVINA

COUNTRY REPORT





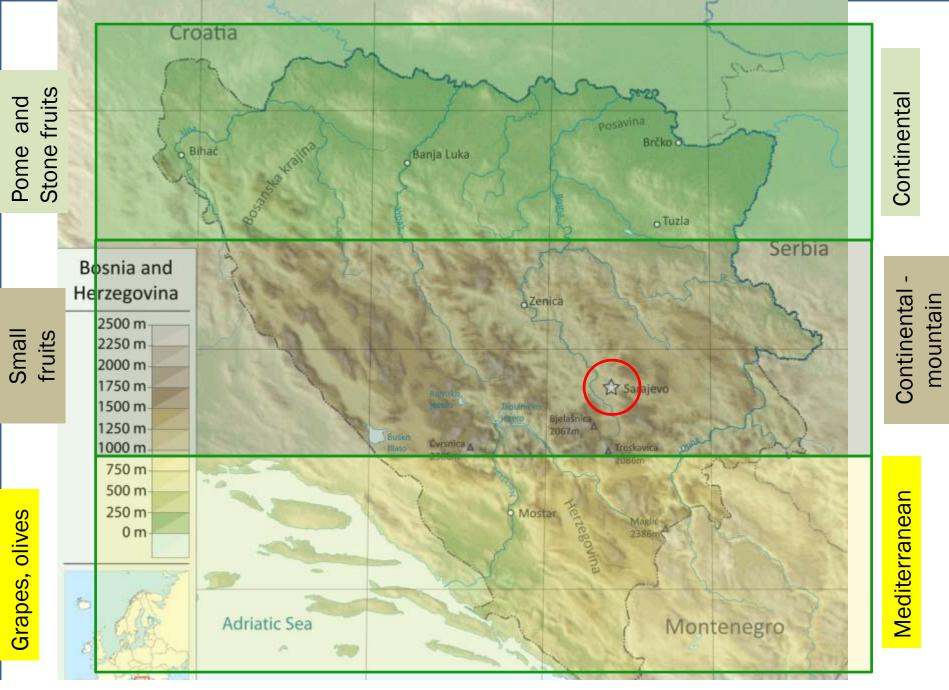












Total coverage 51,209.2 km2 (Land 51,197 km2: Sea 12.2 km2)





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#### Fruit production in Bosnia and Herzegovina



According to data from the 2015 about **147,000** people were employed in agriculture, <u>65%</u> men and <u>35%</u> women.







The share of agriculture in total employment in 2015 was about <u>17.9%</u> (official data?).





The total number of bearing trees of different fruit crops in 2015 was 24.51 million





# The state of the art of fruit production in B&H - general remarks -

Fruit production is concentrated in the mountainous regions, while the more fertile lands reserved for open field crops and vegetable crops

Orchards are located on land with not so well production characteristics (fertility, pH, physical structure ...)

Lack of capital investments in fruit production (irrigation, anti-hail nets, cold storage capacity...)

Poor organization of producers

Undefined marketing strategy

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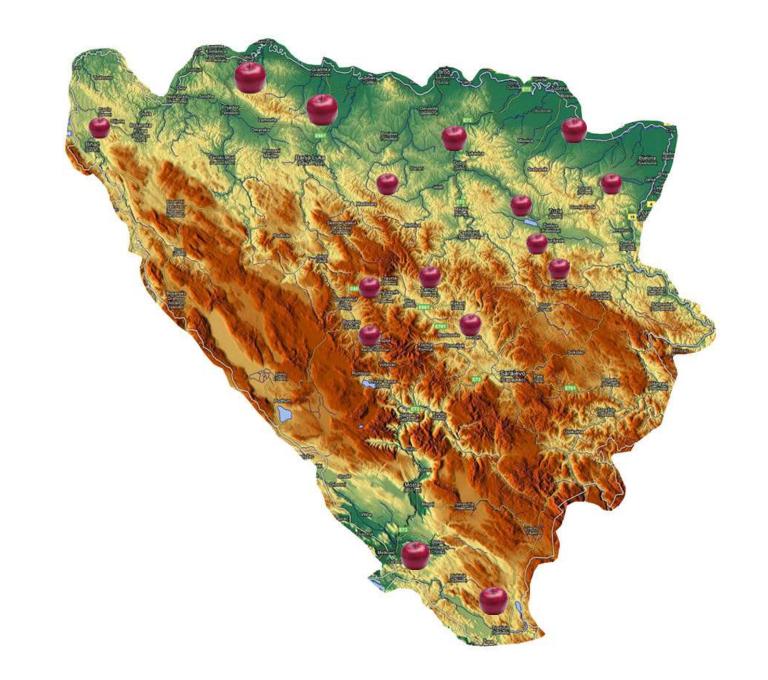




#### Fruit production in B&H

#### What we grow?









GOOD SIDE: EXPERIENCE, ENVIRONMENTAL CONDITIONS, ORCHARD MANAGEMENT IS RELATIVELY GOOD...





#### GOOD SIDE: QUALITY, INVOLVEMENT OF YOUNG PEOPLE IN THE PRODUCTION, THE EXISTENCE OF CERTAIN SALES CHANNELS









PROBLEMS: UNFAVORABLE ASSORTMENT, LOW INVESTMENTS IN IRRIGATION AND ANTI-HAIL SYSTEMS, THE LACK OF MEDIUM-SIZE PRODUCERS (10-15H) ...





## **PROBLEMS:** NOT ENOUGH HIGH QUALITY STORAGE CAPACITY, POOR ORGANIZATION OF FARMERS, POOR ORGANIZATION OF MARKETING...



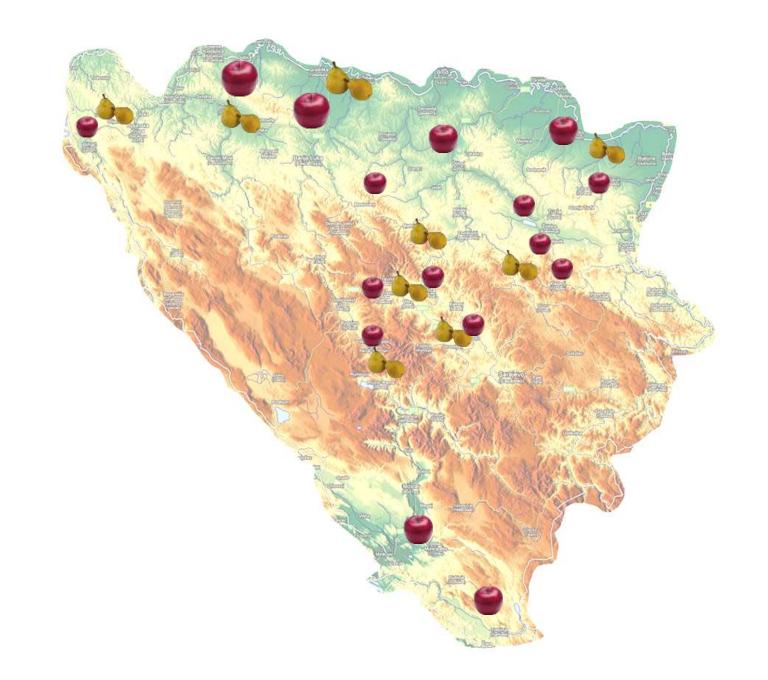




#### Fruit production in B&H

#### What we grow?









GOOD SIDE: QUALITY, LACK OF PEARS ON THE MARKET, GOOD ENVIRONMENTAL CONDITIONS FOR GROWING, PROCESSING ABILITY (WILLIAMS)...







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**PROBLEMS:** ASSORTMENT, ROOTSTOCKS, DISEASES (ERWINIA AMYLOVORA, PSYLLA PYRI), LACK OF IRRIGATION SYSTEM AND ANTI-HAIL NETS, PROBLEMS IN THE GROWING TECHNOLOGY...



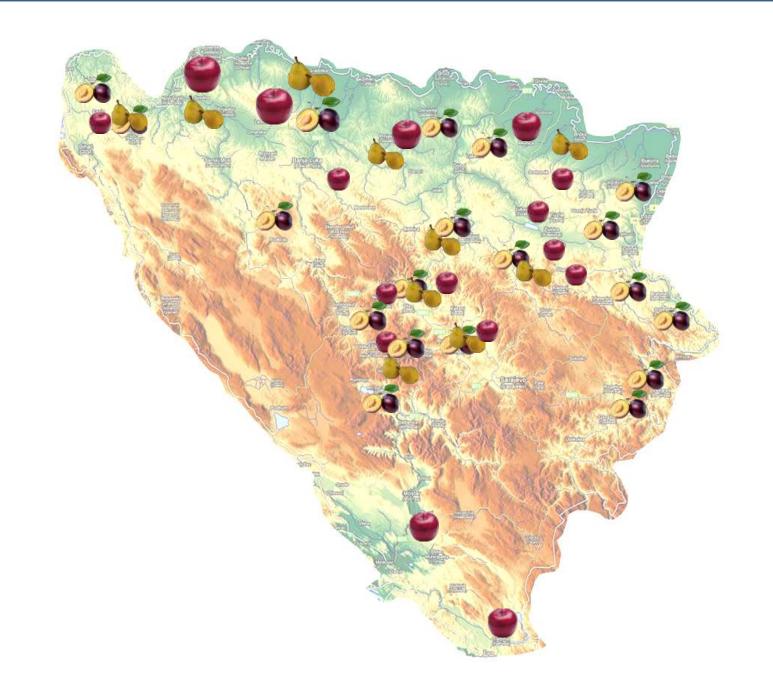




#### Fruit production in B&H

#### What we grow?









alinta

PROBLEM: HIGH QUANTITY (BUT ALSO HIGH QUALITY) HOME PRODUCTION OF ALCOHOL - **RAKIJA - ŠLJIVOVICA** There are not standardization in production!

07/10/2007 15:59

Sall Conte





ANY GATHERING IS IMPOSSIBLE WITHOUT BRANDY (BIRTHDAY, WEDDING, FUNERAL...)...

# RAKIJA CONNECTING PEOPLE





#### ...SOMETIMES WENT IN THE WRONG DIRECTION!



# RAKIJA

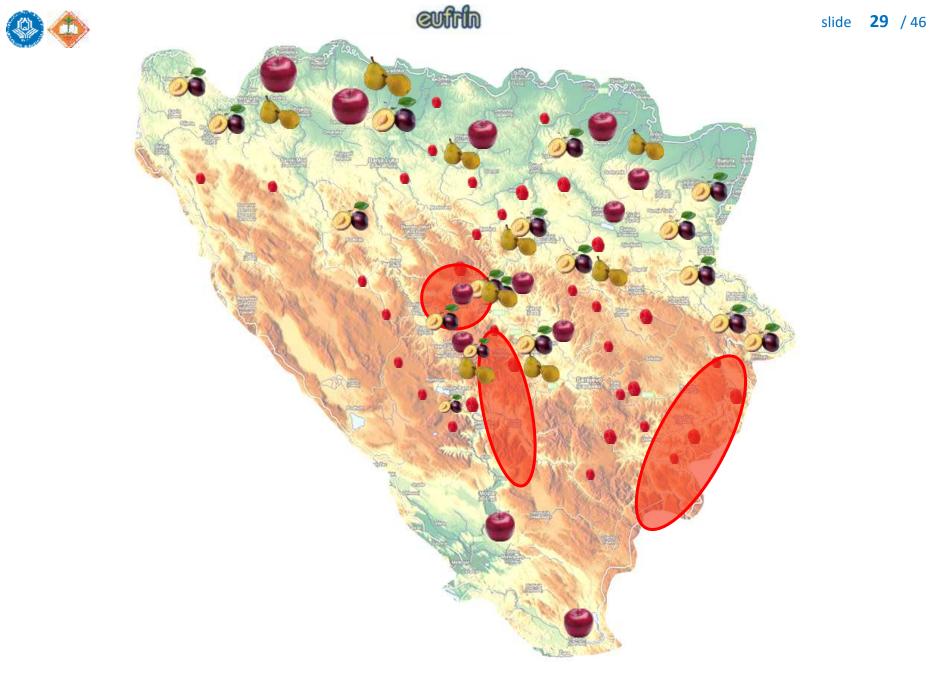
**Connecting** People



### Fruit production in B&H

### What we grow?









The berry fruit sub-sector is wholly oriented towards export markets and accounts for almost **50%** of the total fruit and vegetable exports of BH.





• In Bosnia-Herzegovina, raspberries are grown on **1,682 ha** of land, with a total production volume of **13.631t**, ranking fourth among fruit crops.





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Primary raspberry production increased from **916 ha** in 2006 to **1,682 ha** in 2015, enjoying the leading position in the country's total fruit exports, accounting for about **13 thousand tonnes** worth **BAM 51 million (\$ 28 million)**.

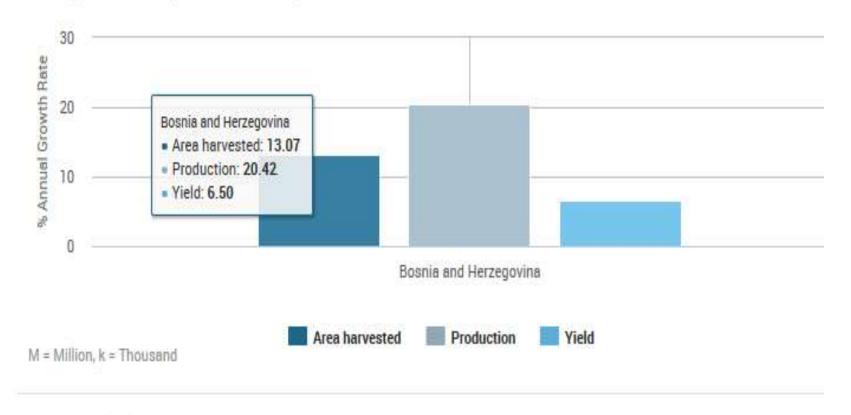






According to FAO data, raspberry production in Bosnia and Herzegovina during 2003-2013 showed annual growth in **harvested area (13.07%)**, average **yield (6.50%)** and total **production (20.42%)**.

Annual growth rates by selected country 2003 - 2013



Growth rate calculated based on the Least-Squares method





#### Average yields are about **8.5t/ha**.





Raspberries are typically produced on small-size farms ranging in area from **0.1 to 0.3ha** on average.







#### Planting material is of local origin







Although part of the planting material is being imported (Poland, England), there has been a steady increase in the number of locally registered nurseries.





Floricane fruiting cultivars predominate, but there has been a marked tendency to increase land area under primocane fruiting cultivars.







• In commercial production, 'Willamette' is the most important cultivar, followed by 'Meeker' and, occasionally, 'Tulameen'.







Among primocane fruiting raspberries, 'Polka' is the dominant cultivar, although 'Heritage' and 'Polana' are also used in some plantings.







The production technology used as the **trellis system** in floricane cultivars and the **hedgerow system** in primocane cultivars has been at a satisfactory level and in accordance with cultivar specificity.







#### Primocane cultivars are also grown under rain cover, but to a small extent.









