OHS Education in Agriculture

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Content

- Introduction
- Health of agricultural workers
- Risks and hazards
- Education of agricultural workers and experts
- Way forward
- Conclusion

Introduction

- Agriculture-first organized human activity
- Serbian statistics:
 - 500.000 workers officially employed in agriculture
 - 40% of Serbian population (≈2.8 million) living in rural areas
 - Since the most of Serbian agriculture is based on individual properties it might be estimated that at least one million inhabitants are involved in agricultural activities
- Inadequate access to health care services of the Rural population in Serbia

M O R B I S ARTIFICUM DIATRIBA

Mutinæ olim edita; nunc accedit Supplementum ejusdem argumenti, ac Dissertatio de Sacrarum Virginum Valetudine tuenda.

AUCTORE

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VENETIIS,

Apud Josephum Corona,
In Via Mercatoria, sub Signo Przmii.
SUPERIORUM PERMISSU.

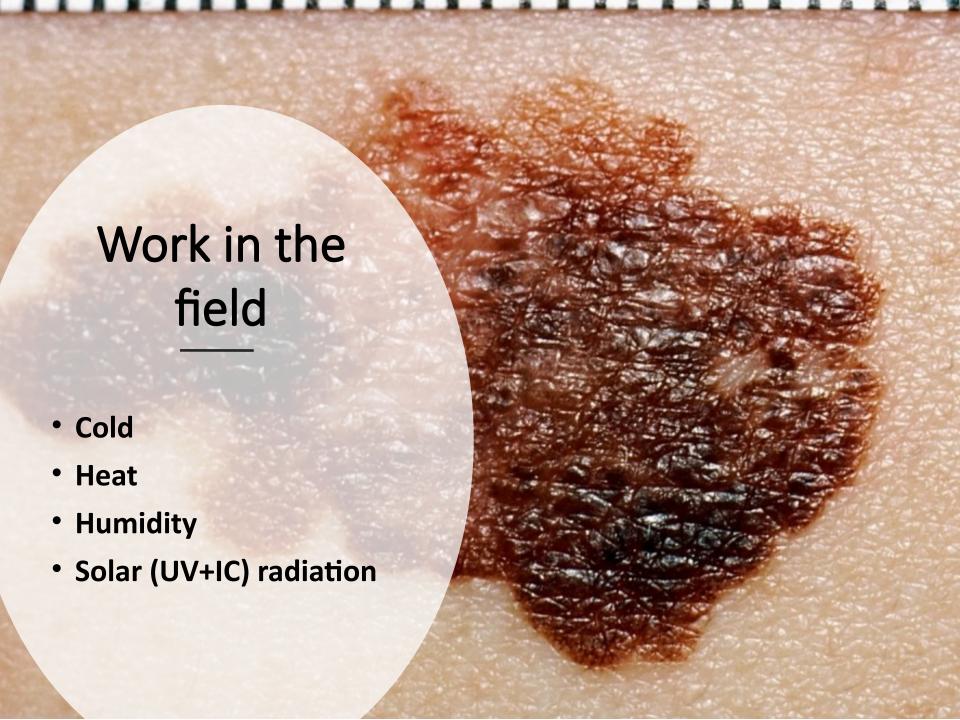
Health of agricultural workers

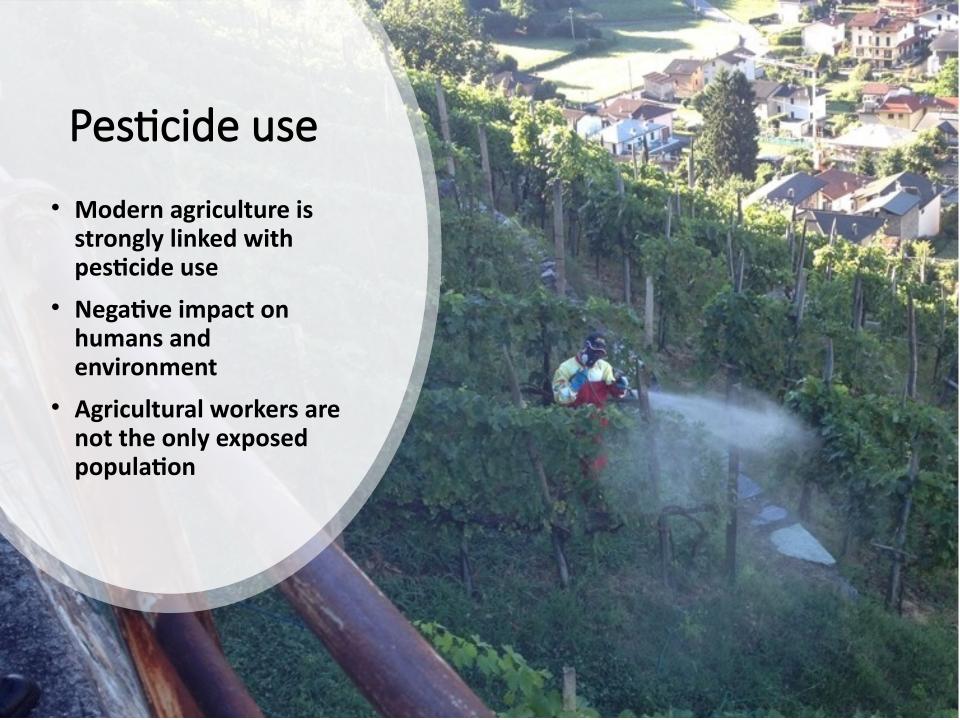
- Ample data on occupational risks and hazards in agriculture is available
- BUT...

- Modern agricultural equipment improves safety
- BUT...

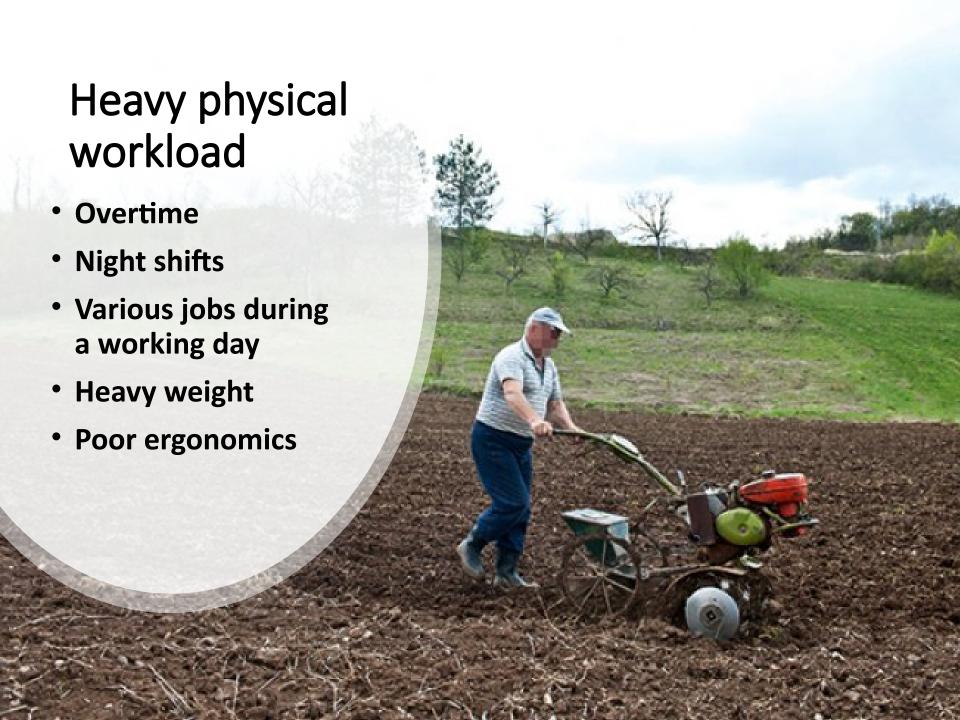
Health of agricultural workers

- The most sophisticated and modern agricultural equipment is expensive and unavailable
- Even the most sophisticated equipment presents a risk of injury when the operator is not properly trained
- Injuries and long term-low level exposure might cause significant health issues











Sensitive groups

- Child labour
- Women in the reproductive period
- Pregnant women
- Elderly population



STEFAN TOTIĆ (7),

najmlađi srpski kasapin, u "Nedeljnom telegrafu" p svojoj strasti mesara i ugostitelja:

"Više volim kafanu nego 'Moćne rendžere'. A više vol koljem i obrađujem prasiće nego da gledam crtaće. volim da čitam kuvar nego stripove. Najveći bakšiš da Šaban Šaulić – po sto dinara! Služim ga pečenjem, v spremam, čistim mušemu, donosim mu hleb. Najviš

- Secondary agricultural schools in Serbia: 22
 - OHS does not exist as a module

- OHS related statements in educational goals
 - Implementation of safe and healthy procedures in agriculture – 4 schools
- OHS related topics
 - Ecology and environmental protection 6 schools
- Not mentioning OHS 12 schools

- Agricultural High Schools in Serbia: 2
 - Only one provides OHS related teaching
 - Environmental protection
 - Noise protection

 Faculties providing agriculture related programs in Serbia:5+1

OHS related teaching

- Environmental protection (elective) Belgrade
- Environmental protection (master) Belgrade
- Ecotoxicology and environmental protection Novi Sad
- Agriculture and environmental protection Sremska Kamenica
- Agroecology and environmental protection Bačka Topola
- Sports medicine (?) Faculty of veterinary medicine-Belgrade

- In the Serbian educational system of agricultural workers training on Occupational Health and Safety almost does not exist
- Solving health issues and prevention in a numerous population (more than 1,000,000 people) represents a challenge, especially taking into account the lack of institutional monitoring

A way forward

- Introduction of OHS education in core curriculum of all educational programs for agricultural workers
- Secondary schools: at least one module Basics of OHS in agriculture
- University level: Basics of OHS in agriculture + Management of environmental and occupational health and safety

Conclusion

- Considering a number of people involved and their production agriculture is an important sector of Serbian economy
- Health risks of agricultural workers, even if well known for decades, are not properly addressed in agricultural workers' education
- Improvement of OHS education of agricultural workers might significantly reduce occupational injuries and diseases in this group almost without economic investments
- Since this is strategic activity first results might be obvious in next decades, but delaying it will result in new occupational injuries and diseases