



Health and safety in agriculture 2020 - a Swedish perspective

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SLU Alnarp – A green Competence Centre



What about Covid - 19

- Sweden – a bit different – keep distance, wash hands, stay home if ill and work at home if possible. No general recommendation about use of PPE!
- The main worries for Swedish farmers during 2020 was the initial problems with restrictions for seasonal (migrant) workers to travel in Europe and the lack of access to personal protection equipment
- So far has the COVID-19 not had much negative impact among farmers and farm workers in Sweden
- Consumers are now more willing to buy locally & Swedish produced products from farmers
- Recent problems – mainly in Denmark, but also in Sweden with Covid-19 on fur (mink) farms also affecting the people on these farms

What about Covid - 19

Farmers opinions

- Loneliness, few social contacts
- No farmer meetings, exhibitions
- Problems to find PPE
- More city people in countryside– some conflicts
- Low level of Covid-19 cases among farmers / workers
- Those had it reported some delays / problems
- Farm workers more motivated – happy to have a job
- Some problems migrant workers - quarantine
- Some farms suffer closed events – selling less products

DANISH IDEA CATALOGUE WITH EXAMPLES OF ACTUAL SOLUTIONS TO PREVENT CORONA VIRUS

EXAMPLES OF ACTUAL SOLUTIONS TO PREVENT CORONA VIRUS INFECTION IN AGRICULTURE, FORESTRY AND HORTICULTURE

- Placing hand sanitizers where persons frequently pass/meet, ante-rooms, canteen/staff rooms, changing rooms, toilets, milking bails, workshop (in case of handheld tools), in tractors/driving machines
- Face covering/face masks for all working closely together, or face shields
- Shielding between persons
- When two persons are performing the task, they can start in each their end of the stable – instead of starting at the same end

<http://baujordtilbord.dk/Files/Billeder/BARjobo/pdf/Andre%20sprog/Idea-Catalog-EN-CORONA-VIRUS.pdf>

Are you safe?

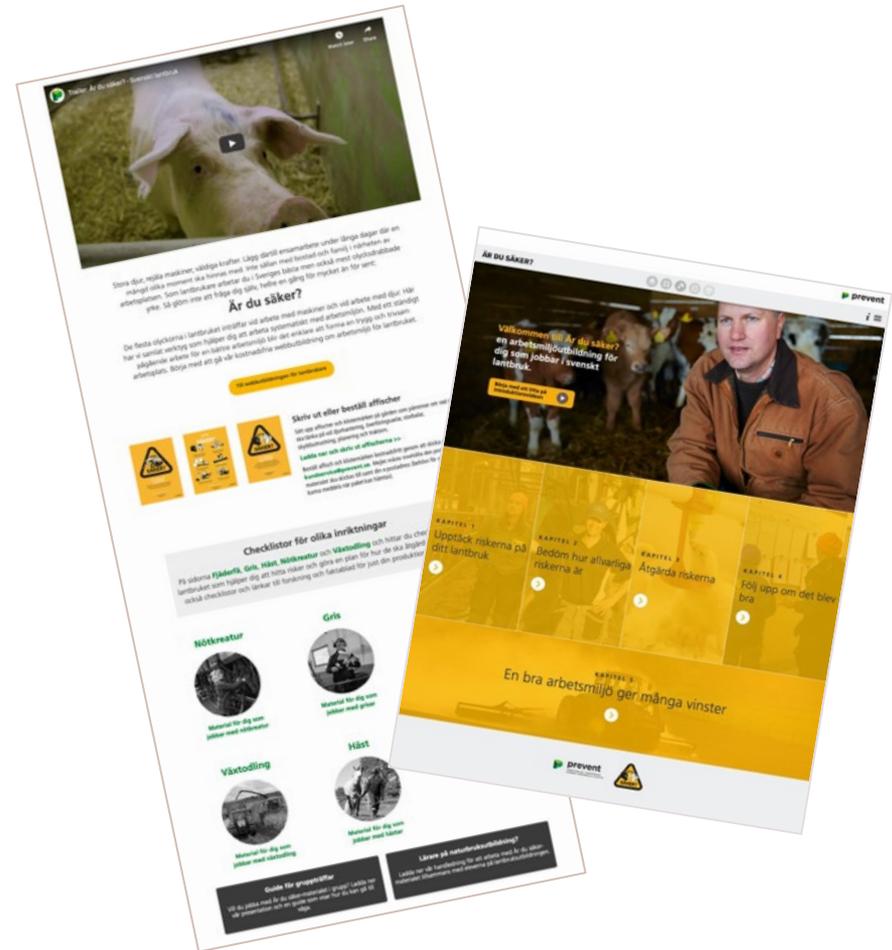
An investment for safe Agriculture

Trailer: <https://youtu.be/M6HWEWATEC0>



On the Webb

A webb-based education about health & safety in agriculture. There is also checklist for different kind of farms plus links to research and fact-sheets.



Work safe in agriculture

Booklets with drawings (without words) show how to work safe in agriculture.

Available as pdf and e-pub, to study in your mobile or your tablet. Great material when communicating with migrant workers.

<https://www.prevent.se/utbildningar-produkter/bocker/jobba-sakert-i-lantbruket-e-bok-8ff88dcd/>



Rural crime – another health & safety issue



Quadbikes in agriculture



1) Full-scale tests on the use of ROPS on Quadbikes

- 50 professional users during a whole year

2) Roll-over warning system with alarm

3) A new national strategy for Quadbikes

New technologies – solutions and challenges



Robotic milking (*DeLaval*)

Robotic cleaning of pig-
and poultry houses
(*Envirologic*)



New technologies – solutions and challenges

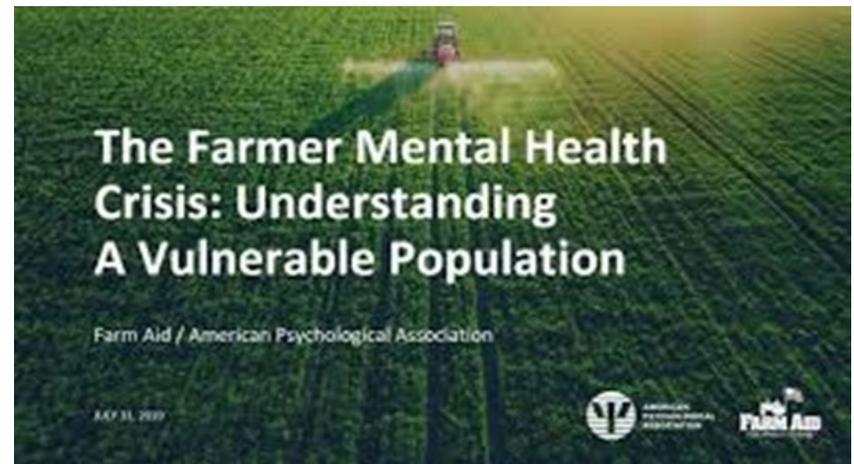


- Simulators for tractor driving (*Tenstar simulation*)
- Drones for agriculture
- Driverless tractors



Mental health – an important issue

- Weather & climate change
- Financial stress
- Rural crime
- Family issues
- Authorities, regulation
- Animal health
- &



Certification of working conditions

Developing Swedish certification standards for work in agriculture

- An interesting process will lead to a standard and possibilities to be certified as a work place with healthy and safe working conditions
- The work is coordinated by *Sigill Kvalitetssystem* and involves a working group with representatives from the whole food-chain as well as health & safety experts
- The first goal is to include companies with field grown crops which often employs seasonal farm workers, mainly migrant workers.

International collaboration is important!



Honorary Scientist and
Advisor on Agricultural
Science and Technology at
the Rural Development
Administration (RDA),
Republic of Korea

International collaboration is important!

International Conference on Agromedicine and Tropical Disease



THE 3rd ICATD Virtual Conference
SEPT 12-13 2020
STARTS AT 10.00AM (GMT +7)

INTEGRATED APPROACHES ON PREVENTION, CURATIVE, AND CONTROL OF ZOONOTIC AND EMERGING DISEASES IN AGROMEDECINE FIELD

OUR SPECIAL SPEAKERS

KEYNOTE SPEAKER

Dr. drh. NLP Indi Dhamayanti, MSiP
 Head of Basic Branch, Directorate
 Veteriner Bogor, Indonesia

*) representative of Indonesia
 Minister of Agriculture

Prof. Susan Alton Brumby, Ph.D
 Queen's University, Australia

Prof. Dr. drh. Wiyon Tunas Ariana
 Universitas Gadjah Mada, Indonesia

Fitima May R. T. Isora, RPh, MScPharm
 San Pedro College, Trinidad

Prof. Peter Lundqvist, Ph.D
 Swedish University of
 Agricultural Sciences, Sweden

Dr. Sukarpati, M.Kes., Ph.D., Sp.BA
 University of Jember, Indonesia

CALLS FOR POSTERS & PAPERS!

Selected papers will be published to SCOPUS indexed journal or SINTA (2-4) indexed journal. Other articles will be published in ISSN proceeding.

Topics :

- Current issue on agricultural health
- Tropical diseases
- Zoonosis
- Emerging diseases
- Herbal medicine
- Epidemiology on tropical diseases and zoonosis

GET IN TOUCH

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Important Dates

- 30 August : Abstract Submission Deadline
 10 Sept : Poster and Fullpaper Submission Deadline
 12-13 Sept : Conference Days

Payment and Registration

Registration form, Guidelines, and Submission:

http://icatd_fk.unej.ac.id

Bank transfer :

Account Name : DINI AGUSTINA
 Account Number : 0390136354
 Name of Bank : PT BANK NEGARA INDONESIA 46 (Penaero) Tbk
 - Jember Branch, East Java, Indonesia
 Branch : Indonesia
 Swift code : BININDIA

SEMINAR VIA ZOOM

LIVE STREAMING YOUTUBE
 Fakultas Kedokteran UNEJ

Registration Fee

Conference Participant : FREE

Presenter¹⁾ :

Non-Student IDR 400.000

Student IDR 200.000

International Presenter :

Non-Student USD 30

Student USD 15

⇒ Publication fee is not included

<http://fk.unej.ac.id> [fk.unej](https://www.facebook.com/fk.unej) [Fakultas Kedokteran Unej](https://www.instagram.com/fk.unej) [Fakultas Kedokteran UNEJ](https://www.youtube.com/channel/UC...)

UNIVERSITAS JEMBER AGROMEDECINE FACULTY OF MEDICINE, UNIVERSITY OF JEMBER

VIRTUAL CONFERENCE

FREE REGISTRATION

Farmer Safety in Covid-19 Era

SPEAKERS:

dr. Al Munawir, Ph.D
 Head of Agromedicine Commission
 Faculty of Medicine, University of Jember
 President of IAS (Indonesian Agromedicine Society)

Prof. Peter S.R. Lundqvist, B.Sc, Ph.D
 Swedish University of Agricultural Sciences
 International Society of Agricultural Safety and Health
 Vice President of International Association of Rural Health and Medicine

Dr. Rokhani SP, M.Si
 Agricultural Extension Study Program
 Faculty of Agriculture, University of Jember

REGISTRATION LINK:
<https://bit.ly/SeminarKeselamatanPetani>

FACILITIES:
 - ACCESS TO ZOOM ROOM
 - E-CERTIFICATE

GET IN TOUCH
 Further inquiries please contact :
 dr. Rosita +62 895 3665 99096

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International collaboration is important!

**Farmsafe Australia Virtual
Conference 2020**

November 11-13

<https://www.farmsafeconference.com/>

**Virtual CASA 2020 Canadian
Agricultural Safety
Association**

October 29 – November 19

<https://www.casa-acsa.ca/en/annual-conference/>

The Nordic Meeting on Agricultural Occupational Health and Safety

We are delighted to welcome you to the Nordic Meeting on Agricultural Occupational Health and Safety

Trondheim, Norway

6 - 8 September 2021



**Skjetlein Grønt Kompetansesenter,
Trondheim**

<https://ruralis.no/en/events/2021-nordic-meeting>

Less resources for Safety & Health in Agriculture

(In most countries less people are working with ...and less money for these issues in organizations, authorities, education & research)

- Direct effects: less extension, less education, less inspections and less research on health & safety in agriculture might lead to more fatalities, injuries and illnesses.
- Direct consequences: less attractive – less farms & jobs
- Indirect effects on OHS: injuries and illnesses
- Prevention strategies: increase resources and increase national and international collaboration

Ag health & safety - international collaboration is important!

....but, we also need more collaboration between organizations & networks!

Examples of international organizations / networks:

- ISSA (The International Section of the ISSA on Prevention in Agriculture)
- ISASH (International Society of Agricultural Safety and Health)
- IEA (International Ergonomics Association, TC Agriculture)
- IARM (International Association of Rural Health and Medicine)
- ICOH (International Commission on Occupational Health)
- ENASP (European Network of Agricultural Social Protection Systems)
- Nordic network (Nordic Meeting) & Ragusa SHWA network
- SACURIMA (Safety Culture and Risk Management in Agriculture, COST/EU)
- SLU, Sweden & RDA, South Korea (Rural Development Administration) Exchange program
- Korea – Japan collaboration... etc

Why not a joint World Conference organized by all major organizations - with the theme:
“The Future of Agricultural – the Future of Health and Safety”

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