



-RXUQDO RI &RPPXQLW\ 0HG +HDOWK (GXF +HDOWK (GXFDWLRQ

&RPPHQWU\

Report from XIX International Symposium of Ergonomics, Work Safety and Occupational Hygiene in Agriculture - Practical Problems Related with Work Protection in Agriculture

/HVJHN 6ROHNL6WDQLVáDZ /DFKRZVNL

3RSH -RKQ 3DXO ,, 6WDWH 6FKRRO RI +LJKHU (GXFDWLRQ & KDPHU RI +HDOWK %LAD, 3RGQDYN, 3RODQG

: &KRG(NR ,QVWLWXWH RI 5XUDO +HDOWK /XEOLQ 3RGQDQG

&RUUHVSRRQLQ\ 3RSH -RKQ 3DXO ,6WDWH 6FKRRO RI +LJKHU (GXFDWLRQ & KDPHU RI +HDOWK %LAD, 3RGQDYN, 3RODQG

5HFHLYHG-áDWH \$FFHSWHG-áDWH 3XEOLVKHG áDWH -XO\

&RSULJKW 6ROHNL / HW DO 7KLVLV DQ RSHQ DFFHLY DUWL FOH GLVWULEXWHG XQGHD WKH WHUPV

XVH GLVWULEXWLRQ DQG UHSURGXFWRQ LQ DQ\ PHQXP SURFHG WKH RULJLQDQ 3XWKRU DQG VRXE

&RPPHQWU\

H ;,; ,QWHUQDWLRQDO 6\PSRVLXP RI (UJRQRPLF f:RUN 6DIHW\ DQG 2FFXSDWLRQDO +\JLHQH LQ \$JULFXOWXUH 3UDFWLFDO 3UREOHPV 5HODWHG ZLWK :RUN 3URWHFWLRQ LQ \$JULFXOWXUH ZDV KHOG IURP 'HFHPEHU DW WKH :LWROG &KRG<NR ,QVWLWXWH RI 5XUDO +HDOWK LQ /XEOLQ LQ ZKLFK SDUWLFLSDWHG UHVHDUFKHUV DQG SUDFWLWLRQHUV IURP 3RODQG DQG 8NUDLQ 6\PSRVLXP ZDV RUJDQLJHG E\ WKH ,QVWLWXWH RI 5XUDO +HDOWK LQ /XEOLQ LQ DVVRFLDWLRQ ZLWK WKH \$JULFXOWXUDO 6RFLDO ,QVXUDO)XQG \$JHQF\ LQ :DUVDZ WKH \$JULFXOWXUDO 3URSHU\ \$JHQF\ \$JHQF\ LQ :DUVDZ 3ROLVK (UJRQRPLFV \$VVRFLDWLRQ \$JHQF\ LQ /XEOLQ &KLHI 6DQLWDU\ ,QVSHFWRUDWH LQ :DUVDZ DQG WKH 7RDW7R WHFKQRORJLHV LQ DQ\ PHQXP SURFHG WKH RULJLQDQ 3XWKRU DQG VRXE H[DPSO RI DQ \$JULFXOWXUDO &RQJORPHUDWH LQ .LHWU] -DQ /DFK PHWKRG RI SUHYHQWLRQ RI DFFLGHQW HYHQWV LQ DVVRFLDWLRQ ZLWK WKH ZRU SHUIRUPHG ZDV SUHVHQWHG LQ D PHFKDQLFDO ZRUNVKRS LQ c7RS)DUPVD * XEF\ \FH /WG 0LHF\ \V DZ +DQXVVHN \$ ODUJH DPRXQW RI ROG SRRUO\

LQGxvwuldo pdfklqhv dgg dssoldqfhv ,qiudvrXqG LV SHUFHLYHG E\
KXPDQV E\ WKH KHDULQJ DQG YLEUDWLRQ URXWHV E\ PHFKDQRUHFHSWRUV
,qiudvrXqGv RQ WKH OHYHO RI DSSURJ G% DERYH WKH KHDULQJ
WkuHVKROG FDXVH D QXPEHUHFVWFKIDYRXHUDU OH KHDULQJ
SDLQ KHDULQJ WHVSRWDG\ VDKLGHVXQGHU VWDQGLQJ
VSHHFk GLVRUGHUV ,UHVSHFWLYSHFLWKH URXWH RI DFWLRQ DSDUW IURP
HvHFVWHDULQJ RU UHVRQDQFH WKH H[SRVXUH WR LQIUDVRXQG LV
DFFRPSDQLHG E\ V\PSWRPV ZKLFK HYLHGQFH YHJHWDWLYH GLVRUGHUV
GLVRUGHUV FRYHU IXQFWLRQDO GLVRUGHUV RI VXFk V\VWHPV DV FDUGLRYDVFXO
UHVSLUDWRU\ DOLPHQWDUHVHFRDQDQDGHFRPHUHUVRXV
LQWHQZLLVHKGWKH OHYHO RH GRXKQVWRMSUHVvXUH
H[SRVXUH WR LQIUDVRXQG QRLVH RI PRGHUDWH OHYHOV W\SLFDO RI ZRUNSODFH
LV WKH QR[LRXVQHVV RFFXUULQJ DW VOLJKW H[FHHGLQJ RI WKH KHDULQJ
WkuHVKROG PDQLHVWHG E\ VXEMHFwLYHO\ SHUFHLYHG VWDWHV RI H[FHVvLY
IDWLJXH GLVFRPIRUW VOHSLQHVV DV ZHOo DV GLVRUGHUV RI WKH SV\FKRPRW
DQG SK\VLRRJLFDO IXQFWLRQV

\$WWHPSWV KDYH EHQ XQGHUWDNHQ WR VSHFLI\ ZKHWKHU QRLVH
DFFRPSDQ\LQJ WKH ZRUN RI ZLQG WXUELQHv LV WURXEOHVRPH IRU SHRSOH
OLYLQJ LQ WKHLU YLFLQLW\ oD JRUJDWD 3DZODF]\N XVJF]\ VND
G\QDPLF GHYHORSPhQW ZKLFK KDV EHQ UHFHQWO\ REVHUYHG LQ WKH XVH RI
ZLQG SRZHU IRU HOHFWULFLW\ SURGXFWLRQ LV QRW DFFRPSDQLHG E\ WKH
FRQVHQW RI ORFDO FRPPXQLWLHV IRU WKH FRQVWUXFWLRQ RI ZLQG IDUPV
DUJXPHQWV PRVW IUHTXHQWO\ UHSHDWHG DJDLQVW WKHLU FRQVWUXFWLRQ DU
cVSRLOLQJd WKHFRDQDQDGHFRPHUHUVRXV HDQG QRLVH DFFRPSDQLHG WKH
ZRUN RI ZLQG WXUELQHv