



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

SUHYLRXVO\ XHPPDWLQJGFRWWO\ HTXLSPHO  
EULQJLQJ WHFKQRORJLFDQ SURJUHVV KI  
LPSURYHPPHW LQ VDIHW\ DQG SRZVLNLOLW\ W  
XVLQJ TXDG YHKLFOHV LQ DJULFXOWXUH  
ZKLFK PDVEHURJHQHFVW DOVRFDXVHFRQV  
H DVVXPSWLRODHFRI DQGDFKEDVNDPSPDLPXQ  
SHLVSNFW /LIH 6DIH ZRUN RQ WKH IDUP  
,QVSHFWRUDWH -DNXE' &KRMQLFNL \$Q  
DJULFXOWXUH LQ UHFHQW HDU VKRZV

&RPPHQWU\ 2SHQ \$FRQ D

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

/HVJHN 6ROHNL6WDQLVADZ /DFKRZVNL  
3RSH -RKQ 3DXO ,, 6WDWH 6FKRRO RI +LJKHU (GXFDWLRQ & KDPHU RI HDOWK %LAD 3RGQVND 3RODQG  
: &KRG(NR ,QVWLWXWH RI 5XUDO +HDOWK /XEOLQ 3RQDQG  
&RUUHVSRRGLQJ\H\XKROHFNL 3RSH -RKQ 3DXO ,6WDWH 6FKRRO RI +LJKHU (GXFDWLRQ & KDPHU RI HDOWK %LAD 3RGQVND 3RODQG  
5HFHLYHG-SDWH \$FFHSWHG-SDWH 3XEOLVKHGSDWH-XOY  
&RSULJKW 6ROHFNL / HW DO 7KLVLV DQ RSHQ DFFHLYDUWLFOHGLVWULEXWHG XQGHUWKHWHUPV  
XVH GLVWULEXWLRQ DQG UHSURGXFWRQ LQ DQ\ PHOLXP SURTUG WGWKH RULJLQDQGXWKRU DQGVRX  
&RPPHQWU\

DFFLGHQWV ZLWK D VOILMWH DORZVNDQV  
WREWDLODERQWLGHUDEQHLSURYHPPH  
DQG UPGXFH WKH QXPEHU RIRFFXSDWLRQ  
DORZDQFHV ZHUH SDLG IRU KHDWK OR  
LQFOXGLQJ IDWDOMDFLGHQWDFFLGHQW  
W6WDWH 6FKRRO RI +LJKHU (GXFDWLRQ & KDPHU RI HDOWK %LAD 3RGQVND 3RODQG  
NORZOHGJH LQ WKH DUHD RI DQLPBO SK  
)DUPHUV QXUDOFH)XQG 586 XQGHU  
DFFHLYDUWLFOHGLVWULEXWHG XQGHUWKHWHUPV  
PHOLXP SURTUG WGWKH RULJLQDQGXWKRU DQGVRX  
WR WKHLU GHPDQGV DQG EHKDYLRXU VW  
DFFLGHQW ULVNV

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  
8NUDLOH\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 DQLEADONSVIRIGXFWLROHG RQ DQ  
H[DPOH 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 )DUPV  
\* 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 QXPEHUHFVWFKIDYRXHUUOH KHDULQJ  
SDLQ KHDULQJ WHVSRWDG\ VDKLGHVXQGHU VWDQGLQJ  
VSHHFK GLVRUGHUV ,UUHVSHFWLYSHFLWKH URXWH RI DFWLRQ DSDUW IURP  
HvHFVWHDULQJ RU UHVQRDQFH WKH H[SRVXUH WR LQIUDVRXQG LV  
DFFRPSDQLHG E\ V\PSWRPV ZKLFK H\HGHQFH YHJHWDWLYH GLVRUGHUV  
GLVRUGHUV FRYHU IXQFWLRQDO GLVRUGHUV RI VXFK V\VWHPV DV FDUGLRYDVFXO  
UHVSLUDWRU\ DOLPHQWDUHVHFRDQJHDFRPHUHUYRXV  
LQWHQZLLVHKGWKH OHYHO RH GRXVWVMSUHV VXUH  
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\ VXEMHFVLYHO\ SHUFHLYHG VWDWHV RI H[FHVVLV  
IDWLJXH GLVFRPIRUW VOHSLQHVV DV ZHOO DV GLVRUGHUV RI WKH SV\FKRPRW  
DQG SK\VLRORJLFDO IXQFWLRQV

\$WWHPSWV KDYH EHQ XQGHUWDNHQ WR VSHFLI\ ZKHWKHU QRLVH  
DFFRPSDQ\LQJ WKH ZRUN RI ZLQG WXUELQHV LV WURXEOHVRPH IRU SHRSOH  
OLYLQJ LQ WKHLU YLFLQLW\ 0D JRUJDWD 3DZODF]\N XV]F]\ 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  
cVSRLQLQJd WKHFRDQJHDFRPHUHUYRXV  
ZRUN RI ZLQG WXUELQHV