





*UĪGÐ LU UDSVÐ YLGXWLQ;V VDYDLW;V PHWÐ /LHWXYRMH (85 W EH 390

*UĪGDL	'DWD VDY				3RN\WLV			
	∓VDY		±VDY		±VDY		±VDYDLW;V PHWÐ	
	EH 13\X 13	EH 13\X 13	EH 13\X 13	EH 13\X 13	EH 13\X 13	EH 13\X 13	EH 13\X 13	EH 13\X 13
.YLHþLDDL								
HN VWUD								
, NODV;V								
,, NODV;V								
,,, NODV;V								
,9 NODV;V								
VSHOWD" "								
5XJLDDL								
, NODV;V "								
,, NODV;V								
0LHåLDDL								
, NODV;V		"	"	"	"	"	"	"
,, NODV;V								
VDO\NOLQLDDL					"	"		
\$YLâRV				"	"	"	"	
*ULNLDDL		"	"	"	"			
.YLHWUXJLDDL								
.XNXUĭjDDL								
âLUQLDL " "								
3XSRV								
5DSVDL								
/LQÐ	"	"	"	"				
V;PHQ\V								

NDLQD EH QXR VNDLWÐ SULHå YDO\ P LU GåLRYLQLP LU SULHå DMÐEQ L& åĖ035,6
 NDLQD VX QXR VNDLWRPLV SR YDO\ PR LU GåLRYLQLPR LU SULHPRNRPLV
 O\JLQDQW P VDYDLW VX VDYDLWH
 O\JLQDQW P VDYDLW VX P VDYDLWH
 " ± NRQ;GHQFLDOĭV GXRPHQ\V
 3DVWDED *UĪGÐ EHL UDSVÐ LU VDYDLþLÐ VXSLUNLPR NDLQRV SDWLN VOLQWRV

*UĪGÐ LU UDSVÐ VXSLUNLPDV /LHWXYRV ³PRQ;VH iš augintoju

*UĪGDL	'DWD				3RN\WLV			
	YDVDULV JUXRGLV		VDXVLV		YDVDULVP;QHVLR		PHWÐ	
.YLHþLDDL								
HN VWUD								
, NODV;V								
,, NODV;V								
,,, NODV;V								
,9 NODV;V								
VSHOWD								
5XJLDDL								
, NODV;V								
,, NODV;V								
0LHåLDDL								
, NODV;V								
,, NODV;V								
VDO\NOLQLDDL								
\$YLâRV								
*ULNLDDL								
.YLHWUXJLDDL								
.XNXUĭjDDL								
âLUQLDL								
3XSRV								
\$OLHMLQLÐ DXJDOÐ V;NORV								
5DSVDL								
/LQÐ V;PHQ\V								
,â YLVR								

O\JLQDQW P YDVDULR P;Q VX VDXVLR P;Q å DOVåĖEQ L& åĖ035,6
 O\JLQDQW P YDVDULR P;Q VX P YDVDULR P;Q



*UĪGĎ LU UDSVĎ YLGXWLQ; NDĻQD (85 W EH 390)
 /LHWXYRMH (85 W EH 390)

*UĪGĎL	'DWD					3RN\WLV				
	YDVDULV		JUXRGLV		VDXVLV		YDVDULV PĪQHVL		PHWĎ	
	EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX
.YLHĥLDL										
HNWUD										
, NODVĭ										
,, NODVĭ										
,,, NODVĭ										
,9 NODVĭ										
VSHOWD										
5XJLDL										
, NODVĭ										
,, NODVĭ										
0LHĥLDL										
, NODVĭ										
,, NODVĭ										
VDO\NOLQLDL										
\$YLĥRV										
*ULNLDL										
.YLHWUXJLDL										
.XNXUĭjDL										
ĥLUQLDL										
3XSRV										
5DSVDL										

NDĻQD EH QXRVNDĻWĎ SULHĥ YDO\ P LU GĥLRYLQLP LU SULHPRNĎ NDĻQD VX QXR
 P YDVDULR PĪQ VX VDXVLR PĪQ OĭJLQDQW P YDVDULR PĪQ VX P YDVDULR
 " ± NRQĭGHQFLDOĭV GXRPHQ\ V ĥDOVĥĒQĻ& ĥĒ035,6

(85 W \$YLĥĎ HNVS RUWDV P WĻNDĻL RV DQNĥWLQĥĎ DUQĎĎĎ
 PĪQH V³ SDO\JLQWL VX HĥVSRUWĎ XĎXĎYĎVLXSURF GDXJLDX QHJ
 YDVDULR PĪQH V³ LĥDXJR QHW PĪQHNDUWLXV ELXRV XĎNDĻS; RUWXRWL
 WĻNVW W \$YLĥRV LĥYHĥWRVĻS WĻYĻM QGĻM QNYĻM QĻWĻM Qĭ NDĻQ
 9RNLHWLM YLGXWLQĭ NDĻQD ± 5DSVĎ5 WP YDVDULR PĪQH V³ S
 ĥĎ PHWĎ YDVDULR PĪQH VĎĭ MĥVĎĎ PĻXVĎWĎ QDORJLĥNX OD
 W VLQĭV SVO

*UĪGĎ LU UDSVĎ SHUGLUELPDV /LHWXYRMH W

*UĪGĎL	'DWD					3RN\WLV				
	YDVDULV		JUXRGLV		VDXVLV		YDVDULV PĪQHVL		PHWĎ	
	EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX
.YLHĥLDL										
HNWUD										
, NODVĭ										
,, NODVĭ										
,,, NODVĭ										
,9 NODVĭ										
VSHOWD										
5XJLDL										
, NODVĭ										
,, NODVĭ										
0LHĥLDL										
, NODVĭ										
,, NODVĭ										
VDO\NOLQLDL										
\$YLĥRV										
*ULNLDL										
.YLHWUXJLDL										
.XNXUĭjDL										
ĥLUQLDL										
3XSRV										
5DSVDL										
/LQĎ VĭPHQ\ V										
,ĥ YLVR										

OĭJLQDQW P YDVDULR PĪQ VX VDXVLR PĪQ ĥDOVĥĒQĻ& ĥĒ035,6
 OĭJLQDQW P YDVDULR PĪQ VX P YDVDULR PĪQ



*UĪĢĻ LU DOLHMLQLĢ DXJDOĢ VĪNOĢ DWVDUJRV /LHW

*UĪĢĻ	'DWD			3RN\WLV	
	YDVDULV	JUXRGLV	VDXVLV	YDVDULVP	ĪQHVLR PHWĢ
.YLHĢLDL					
HNWUD					
, NODVĪ					
,, NODVĪ					
,,, NODVĪ					
,9 NODVĪ					
VSHOWD					
5XJLDL					
, NODVĪ					
,, NODVĪ					
0LHāLDL					
, NODVĪ					
,, NODVĪ					
VDO\NOLQLDL					
\$YLāRV					
*ULNLDL					
.YLHWUXJLDL					
.XNXUĪJDL					
āLUQLDL					
3XSRV					
5DSVDL					
/LQĢ VĪPHQ\V					
,ā YLVR					

DWVDUJRV DWLWLQNDPR PĪQHVL R SDEDLJRMH āDOVāĒQ\& āĒ035,6
 ** O\JLQDQW P YDVDULR PĪQ VX VDXVLR PĪQ
 O\JLQDQW P YDVDULR PĪQ VX P YDVDULR PĪQ

*UĪĢĻ SURGXNWĢ SDUĢDĪV PRLNDLXĪRMH (85 W EH 390

3URGXNWDL	'DWD			3RN\WLV	
	YDVDULV	JUXRGLV	VDXVLV	YDVDULVP	ĪQHVLR PHWĢ
.YLHWLQLDL	PLOWDL				
DXNāĢLDXVLRV	UĪāLHV				
SLUPRV	UĪāLHV				
5XJLQLDL	PLOWDL				
āYHLVWLQLDL	"				
6ĪOHQRV					
NYLHĢLĢ					
UXJLĢ	"	"			
.UXRSRV					
NYLHĢLĢ					
PLHāLĢ					
JULNLĢ					
āLUQLĢ					
'ULEVQLDL					
DYLāĢ					
JULNLĢ	"				
5DSVĢ DOLHMXV					
ELRNXR	JDP\EDL				

YLGXWLQĪV VYHUWLQĪV NDLQRV āDOVāĒQ\& āĒ035,6
 O\JLQDQW P YDVDULR PĪQ VX VDXVLR PĪQ
 O\JLQDQW P YDVDULR PĪQ VX P YDVDULR PĪQ
 " ± NRQĪGHQFLDOĪV GXRPHQĪV



'XRQRV JDPLQLD SDUGDINTJPR LNDLQRRMH (85 W EH 390

	YDVDULV JUXRGLV VDXVLV		YDVDULV PjQHVLR PHWĐ		3RN\WLV	
5XJLQ; GXRQD						
tamsi	874,40	885,85	888,64	888,50	-0,01	1,61
EH SULHGĐ VX SULHGDLV						
šviesi	789,27	805,38	802,79	818,78	1,99	3,74
EH SULHGĐ VX SULHGDLV						
.YLHWLQ; GXRQD						
batonas	824,69	821,31	828,65	816,52	-1,46	-0,99
EH SULHGĐ VX SULHGDLV						
sumušīniņ duona	1 105,54	1 101,83	1 088,23	1 073,63	-1,34	-2,89
EH SULHGĐ VX SULHGDLV						
kita	1 225,03	1 203,81	1 193,14	1 208,33	1,27	-1,36
EH SULHGĐ VX SULHGDLV						

YLGXWLQ; V VYHUWLQ; V NDLQRV
O\JLQDQW P YDVDULR PjQ VX VDXVLR PjQ
O\JLQDQW P YDVDULR PjQ VX P YDVDULR PjQ

â DO VĀĒQ LV& äĒ 0 35,6

SURF PDāLDX ± WĪNVW ,Q G\LNHRIMĀ Hā WLPOQD WY LMU 3DNLVV
(VWLM LU /HQNLM YLGXWLQ; ND(LQUR &RV āH(85 W SDODQNLRV
)\$2 NYLHþLĐ PHWĐ GHUOLXV SURJQR; LU GLGHVQL SDV
SDVDXOXO\HWLQLD 7DXWĐ PDLV SDGLGLQW; V ĪNPR NYLHþLĐ GHUC
RUJDQLJDFLMRV WROLDX ±)\$2 UāĒ V P MRMH NR(6R āDQ\ VH P
GXRPHQLPLV NYLHþLĐ GHUOLXV \$XVWUDOLMRMH SURFP GLGHVQLV
WXU;WĐ VXGDU\WL POQ WXGDU\WL EIWĐ POQ SWRF P EXYR
PDāLDX SDO\JLQWL VX P UĀNMDXLDWVþLĐ \$X GXRPHQLPL
WXU;WĐ YLUā\WL SDVNXWLQLD GUSĪBNH WLD ĪNXPVĐ SUDĪMNXWLD PH
ODāHVQLV NYLHþLĐ GHUOLXV SURJQR; RĀMĒ PDLR WĪLO āLHþLĐ MD
Lā PHWĐ PDā;MDQþLĐ NYLHþLĐ \$XGHQĒLV VSDRWMDā SDXU;V MR LU
\$PHULNRMH LU SURJQR;XRMDPĀ V PĀM VQLR PQQĪþLĐ SORWDV WD
GHUOLDXV \$XVWUDOLMRMH NXSDO\JLQWLEXR UHNRUĀLUQLXL VĪ
āLDXULQLDPH 3XVUXWYO\MH āLHþLĐ SORWVþLĐ EQNV SDODQNL
DSLEĪGLQWL GDU VXG;WLQJD SURJQR;XRMDPĀ HNDG\ \$X VLMRMH
JHUD *DXVHVQLV NYLHþLĐ GHUOLXV GPO LQVĀGDLVWL POQ
SDGLGLQWĐ SDV;OLĐ SORWĐ LUDSDĒDX SĒOPĀLWVWL VĀ
V O\JĐ QXPDWRPDV .LQLMRMH PQQ W WDL S DW
SURJQR;XRMDPĀV GLGHVQLV PLQV WĐ GXRPHQLGHUOLXV WJDLQRMH
W VLQIV SVO

3DVDXOLQ;V JUĪGĐ HNVSRUWR NDLQRV (85 W

*UĪGDL	9DOVW\Ē;	YDVDULV JUXRGLV WDXVLV		YDVDULV PjQHVLR PHWĐ		3RN\WLV	
.YLHþL	\$9 +5: NDW -\$9 65: NDW \$UJHQWLQD (6 3UDQFĪJLMD)&: (6 9RNLHWLMD % NODV; (6 -XQJWLQ; .DUDO\VW; SDāDULQLDL .DQDGD &:56 EDOW\þĐ						
.XNXUĪ	\$9 <& \$UJHQWLQD						
OLHāL	\$9 3UDQFĪJLMD SDāDULQLDL \$XVWUDOLMD SDāDULQLDL \$XVWUDOLMD VDO\NOLQLDL						

+5: ± +DUG 5HG :LQWHU 65: ± 6RIW 5HG :LQW&156)&:&DQDSDOFKH V WĪLO QH5HGĪHĪM&RUQ
O\JLQDQW P YDVDULR PjQ VX VDXVLR PjQ
O\JLQDQW P YDVDULR PjQ VX P YDVDULR PjQ

â DOWLQLV \$0\$



*UÏGÐ LU UDSVÐ YLQjWj QjWj ANDQWRIV (85 W

9DOVW\Ej	DWD					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLWj	PHWÐ

ODLVWLQLDL NYLHþLDL

%HOJLMD
 %XOJDULMD
 ýHNLMD
 9RNLHWLMD
 *UDLNLMD
 ,VSDQLMD
 3UDQFìjLMD
 .URDWLMD
 ,WDOLMD
 /DWYLMD
 /LHWXYD
 9HQJULMD
 \$XVWULMD
 /HQNLMD
 5XPXQLMD
 6ORYjQLMD
 6ORYDNLMD
 6XRPLMD
 âYHGLMD
 -XQJWLQj .DUDO\VWj

3DãDULQLDL NYLHþLDL

%HOJLMD
 %XOJDULMD
 ýHNLMD
 9RNLHWLMD
 (VWLMD
 3UDQFìjLMD
 \$LULMD
 /DWYLMD
 /LHWXYD
 9HQJULMD
 2ODQGLMD
 \$XVWULMD
 /HQNLMD
 3RUWXJDOLMD
 5XPXQLMD
 6ORYDNLMD
 -XQJWLQj .DUDO\VWj

3DãDULQLDL PLHåLDL

%HOJLMD
 %XOJDULMD
 9RNLHWLMD
 (VWLMD
 *UDLNLMD
 ,VSDQLMD
 3UDQFìjLMD
 .URDWLMD
 \$LULMD
 ,WDOLMD
 .LSUDV
 /DWYLMD
 /LHWXYD
 9HQJULMD
 2ODQGLMD
 \$XVWULMD

OHQWHOjV W VLQjV



SVO OHQWHOjV W VLQ\V

9DOVW\Ej	DWD					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLWjV	PHWĐ

3DãDULQLDL PLHãLDL

/HQNLMD 3RUWXJDOLMD 5XPXQLMD 6XRPLMD -XQJWLQj .DUDO\WVj							
---	--	--	--	--	--	--	--

0DLVWLQLDL UXJLDL

9RNLHWLMD \$XVWULMD /HQNLMD							
-----------------------------------	--	--	--	--	--	--	--

5DSVDL

9RNLHWLMD (VWLMD /DWYLMD /LHWXYD /HQNLMD		-		-			-
--	--	---	--	---	--	--	---

O\JLQDQW P VDYDLW VX VDYDLWH âDOWLQLDL äË,.9& äË035,6 (. \$0, =65,5
 O\JLQDQW P VDYDLW VX P VDYDLWH
 3DVWDED /LHWXYRV PDLVWLQLĐ LU SDãDULQLĐ NYLHþLD SDãDULQLĐ PLHãLD PDLVWLQLĐ

\$WHLWLHV VDQGRULĐ NYLHþLD PLHãLD LU UDSVĐ NDLQRV WDUSWD.

*UİGLQj NXOWUUDWDW\PRVDY	VDY ±	VDY ±	VDY ±	VDY ±	6DYDLWjV	NDLQRV
ELUãD	PjQXR				SRN\WLV	

0DLVWLQLDL NYLHþLDL

0\$7,)	JHJXãj UXJVjMLV JUXRGLV NRYDV JHJXãj UXJVjMLV					
--------	--	--	--	--	--	--

3DãDULQLDL NYLHþLDL

/,))(NRYDV JHJXãj OLHSD ODSNULWLV VDXVLV NRYDV					
-------	--	--	--	--	--	--

0LHãLDL

:&(JHJXãj OLHSD VSDOLV JUXRGLV NRYDV JHJXãj					
-----	---	--	--	--	--	--

5DSVDL

0\$7,)	JHJXãj UXJSMiWLV ODSNULWLV YDVDULV JHJXãj					
--------	---	--	--	--	--	--

/,))(± /RQGRQ ,QWHUQDWLRQDO' LGãDQMLD%U)XWDXLHMQFKDQJH âDOWLQLV 7DUSWDXWLV
 0\$7,) ± 7KH ,QWHUQDWLRQDO)UHQQFK3UXWDXLHMQFKDQJH
 :&(± :LQQLSHJ &RPPRGDWDQJFKDQJH
 NDLQRV (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YDOLXWĐ NXUV
 O\JLQDQW P VDYDLW VX VDYDLWH
 3DVWDED .DLQRV QXURGRPRV)2% V O\JRPLV



GLGHOLR NULWXOLÐ NLHNLR PLDXSDOLRPHULND\$NHLPLQH
 PìQ àLHPLQLÐ MDYÐ VÌM XàGHUOLDXMLSURD\$NRUJVLXP DàLQWD C
 YLGXULR àLHPLQLÐ MDYÐ SDVÌOGLHPLÐ SDVÌOGLHPLÐ - \$9 LU .
 PLQìWRMH àDO\MH WXUìWÐ VXDYDWSDVÌOGLHPLÐ SORWDLU WDP SD
 EÌWÐ DSLH SURF PDàLDX QHJX EÌWÐ EÌWÐ EÌWÐ SURF LU V
 P YDVDULR PìQ YLGXULR VXRPHQPLDàLDXV SORWDL SHU
 SURF àLHPLQLÐ MDYÐ SDVÌOGLHPLÐ NYLHPLÐ NYLHPLÐ GHUOLXV
 JHUD)\$2 DQDOLWLNDL SURJQRìRMDW NDL\$NHLPLÐ SURF PD
 YDVDULQLÐ MDYÐ GHUOLXV WXUìWÐ SURJQRìRMDW NDL\$NHLPLÐ NY
 àLHPLQLÐ MDYÐ GHUOLDXV VXPDAìMLP GHUOLQJXPR DQDGRMH àL
 GHUOLXV 8NUDLQRMH WXUìWÐ VXXGDUWL POQ W SURJQRìRMDW
 DSLH SURF PDàLDX QHJX P DàHVQLV NYLHPLÐ GHUOLXV N

*UÌGÐ GHUOLXV SDVDXO\MH POQ W

àDO\V	.YLHPLDL	.LWL JUÌGDL	5\àLDL	9LVL JUÌGDÌHWÐ	SRN\WLW
àLDXUìV \$PHULND					
.DQDGD					
-\$9					
(XURSD					
%DOWDUXV LMD					
(XURSRV 6 MXQJD					
5XV LMD					
6HUELMD					
8NUDLQD					
2NHDQLMD					
\$XVWUDOLMD					
&HQWULQì \$PHULND					
LU .DULEDL					
3LHWÐ \$PHULND					
\$UJHQWLQD					
%UDJLQD					
196 LU \$JLMD					
\$UPìQLMD					
\$JHUEDLGàDQDV					
*UXJLMD					
.DJDFKVWDQDV					
.LUJLJLMD					
7DGàLNLMD					
7XUNPìQLMD					
8JEHNLMD					
\$UWLPLHML 5\WDL					
\$IJDQLVWDQDV					
,UDQDV					
,UDNDV					
6LULMD					
7XUNLMD					
7ROLPLHML 5\WDL					
.LQLMD					
,QGLMD					
3DNLVWDQDV					
.LWRV 7ROLPÐMÐ 5\WÐ					
àDO\V					
3LHWLQì \$IULND					
5\WÐ \$IULND					
9DNDUÐ \$IULND					
àLDXUìV \$IULND					

6DOYDGRUDV *YDWHPDOD +RQG%DDVOD\$NHLND .DQDGDYDSDRQLMD 0LDQPDULV 1HS
 9LHWQDÐDQDJDVNDUDV ODODYLV ORJDPENLV 3LHWLQìLNLQDÐDQDGRMHQDGD
)DQDV yDGDV *DQD ODO\$Oà\WDMUJVL\$WDMUJLNDV 7XQLVDV
 P NRYR PìQHVL SURJQRì
 NXNXUìJDL VRUJDV PLHàLDL UXJLDL DYLàRV VRURV LU JUÌGÐ PLàLQLDL
 ± QìUD GXRPHQÐ

*UÌGÐ LU UDSVÐ VHNWRULDV LQIRUPDFLM SDUHQJì ' 3\UDQWLHQJì 5



P VDXVLR±YDVDULR P;Q /āHDVXPHWĒH VEXVLR±YDVDULR P
SDJDPLQWD WĪNVW W NRPELQXRWĒMĒSDĀDUD EXYR SDUC
R WDL SURF WĪNVW W,āDWRJLQNDQĒHLDXV P WSRF
SDpLX ODLNRWDUSLX \$QDOLJXRMDPXDODLNRLWGDYLPDL VXPDSURF
SUHPLNVĒ LU NDpLĒ ;GDODV VNLUWDV PDāPHQLQHL SUHNĒEDL ± SURF WĪNVW
W LU SURF W EHL PLāLQQLĒDXJLQWLQQLĒP VDXV
;GDOXL ± SURF W JDPIED PDXRQMDPXL ODLNRWDUSLX
VDXVLR ± YDVDULR WĪNVW W NRPELQXRWĒMĒSDĀDUD SDUGDYLPDL YLGD
SDGLG;MR NLWĒ QLHNXU NLWXU QHSULVNLUWL PLāLQQLĒDXJLQWLQQLĒP HNY.SRU
±SURF WĪNVW W EHL OHVURĒ W WDpLDX SURF
SDXNāpLDPV LU PLāLQQLĒDXJLQWLQQLĒP HNY.SRUĒPĒ 3DĀDUDĒPĒH HGGUDI
SURF WĪNVW W LU SURF SUHPLNVĒ SDUGDYLPDL DQDO
\$QDOLJXRMDPX ODLNRWDUSLX PDLQQLĒDXJLQWLQQLĒP MJDPIED PHWĒ
SDGLG;MR SURF WĪNVW W R āXQĒ ;GDOR ± SURF WĪNVW W
SURF W āDOWLQLV āĒ,.9& āĒ035,

.RPELQXRWĒMĒ SDĀDUD LU SUHPLNVĒ JDPĒED /LHWXYRMH

.RPELQXRWLHML			3RN\WLW		
SDĀDUDL 3*3. NRGDV YDVDUUXRGLWDXVLV DVDUR;QHVLRHWD					
ĒNLQLĒ J\YĪQĒ SDĀDUD SUHPLNVDL					
0LāLQLDL LāVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV ±					
NLDXO;PV ± āHUWL					
0LāLQLDL LāVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV ±					
JDOYLMDPV ± āHUWL					
0LāLQLDL LāVN\UXV SUHPLNVXV QDPLQLDPV SDXNāpLDPV					
OHVLQWL					
.LWL QLHNXU NLWXU QHSULVNLUWL PLāLQQLDL LāVN\UXV SUHPLNVXV					
ĪNLQLDPV J\YĪQDPV āHUWL					
āXQĒ ;GDODV VNLUWDV PDāPHQLQHL SUHNĒEDL					
.DpLĒ ;GDODV VNLUWDV PDāPHQLQHL SUHNĒEDL					
0LāLQLDL J\YĪQĒ DXJLQWLQQLĒ ;GDOXL LāVN\UXV NDpLĒ DUED					
āXQĒ ;GDO VNLUW PDāPHQLQHL SUHNĒEDL					
,ā YLVR					

O\JLQDQW P YDVDULR P;Q VX P VDXVLR P;Q āDOWLQLV āĒ,.9& āĒ035,
O\JLQDQW P YDVDULR P;Q VX P YDVDULR P;Q

*UĪGĒ VXQDXGRMLPDV NRPELQXRWĒMĒ SDĀDUD LU SUHPLNVĒ JDP

			3XVPHpLR OHWĒ		
			SRN\WLW SRN\WLW		
\$QNāWLQLDL					
āLUQLDL					
3XSRV					
/XELQDL					
.LWL DQNāWLQLDL					
,ā YLVR					
9DUSLQLDL					
.YLHpLDDL LU PHVOLQDV					
5XJLDL					
0LHāLDL					
\$YLāRV					
.XNXUĪJDL					
*ULNLDL					
.YLHWUXJLDL					
.LWL MDYDL LU MĒ PLāLQQLDL					
,ā YLVR					
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/LQĒ V;PHQ\V					

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O\JLQDQW P ,, SXVPHW³ VX P , SXVPHpLX
3DĀDUD VHNWRULDV LQIRUPDFLM SDUHQJ; 1



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EHYHLN QHSDNLWR R VNHUGLYPRV DLSLR P i Q S D L G P R i M R ± NJ N
SURF P YD VDULR P i Q NLDXORL D R V M H R I G L P R NDLQD SHU PHWXV
D S L P W \ V /LHWXYRV 3 P R Q i V H V X G D W U R V W I N V M J Y Q W SURF
LU EXYR SURF GLGHVQ i V QHINJ D X V L R P i Q R F W B P S D M ä D Y H G ä
SURF P D ä H V Q i V QHL P YD VDULR P i Q Q D U ä R W P i Q /LHWXYR
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SURF QXR EHQGUR SDVN H U X Y R Ø N L D X O L Ø V N D H V Q D X X ä Y L G X
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Table with columns: 5DXPHQLQ NODV i, JXPR VDY ±, VDY ±, VDY ±, VDY ±, VDY ±, 3RN\WLV VDYDLW i PHWØ. Rows include S, E, U, R, O, P, S-P and a detailed header for 3DVWDERV V Y H U G M D L Q Q 3 V N D L W \ W L W U D Q V S R U W D Y L P R N D ä W D L ä Ø W L Q L X W L ä i V 9 & Y H Ø W L 5 Ø.

ä D O X W L Q L Ø J \ Y i Q L Q L Ø S U R G X N W Ø N L H N L D L J D X W L /LHWX

Table with columns: YD VDULWUXRGLVVDXVLV YD VDUL P i QHVLR PHWØ, 3RN\WLV. Rows include ä YLVR, L ä WR VNDL p L D X V, J D O Y L M Ø, N L D X O L Ø, D Y L Ø LU R ä N Ø, S D X N ä p L Ø, N L W Ø J \ Y i Q Ø, D W Y H M D L N D L Q H Q X U R G R P D J \ Y i Q R U i ä L V, O \ J L Q D Q W P YD VDULR P i Q V X P V D X V L R P i Q ä D O W ä I Q L 9 & ä E 0 3 5 , 6, O \ J L Q D Q W P YD VDULR P i Q V X P YD VDULR P i Q



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	SRN\WLV	SRN\WLV	SRN\WLV	SRN\WLV
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*DOYLMĐ YLGXWLQ;V VXSLUNLPR SDJDO 6(8523 VNHUGHQĐ NODY
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" ± NRQ;GHQFLDOiV GXRPHQIV

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/LHWXYRV ³PRQjVH SDJDPLQWRV PjVRV LU NDL NXULÐ PjVRV JDPLQ

*DPLQLR SDYD	GL*QLNRGDXV	LHWXYRV		ULQNRMH		LWÐ (ã		DQÐ ULQNRVH	
		VDXVL	JUXRGL	VDXVL	SRN\WL	VDXVL	JUXRGL	VDXVL	SRN\WL
âYLHåLRV DUED DWãDOG\WRV MDXWLHQRV LU YHUåLHQRV VNHUGHQRV LU VNHUGHQÐ SXVjV LU NHWYLUþLDL VX NDXODLV									
âYLHåL DUED DWãDOG\WL MDXWLHQRV LU YHUåLHQRV JDEDODL									
8ããDOG\WRV MDXWLHQRV LU YHUåLHQRV VNHUGHQRV VNHUGHQÐ SXVjV NHWYLUþLDL LU JDEDODL									
âYLHåLD DUED DWãDOG\WD NLDXOLHQD VNHUGHQRV VNHUGHQÐ SXVjV									
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âYLHåLRV DUED DWãDOG\WRV jULXNÐ DUED DYLD VNHUGHQRV VNHUGHQÐ SXVjV LU JDEDODL									
âYLHåL DUED DWãDOG\WL JDOYLMLH QRV NLDXOLHQRV DYLDHQRV RãNLHQRV DUNOLHQRV LU NLWÐ DUNOLQLÐ åHLPRV DWVWRYÐ YDOJRPLHML PjVRV VXESURGXNWDL .LDXOLHQRV NXPSLDL PHQWjV LU MÐ GDO\V VX NDXODLV VIG\WL XãSLOWL VjU\PX GãLRYLQWL DUED UjN\WL									
6jG\WD XãSLOWD VjU\PX GãLRYLQWD DUED UjN\WD NLDXOLHQD 6jG\WD XãSLOWD VjU\PX GãLRYLQWD DUED UjN\WD JDOYLMLHQD									
'HåURV LU SDQDãiv SURGXNWDL Lã NHSHQÐ LU GDXJLDXVLD Lã NHSHQÐ SDJDPLQWL PDLVWR SURGXNWDL 'HåURV LU SDQDãiv SURGXNWDL Lã PjVRV PjVRV VXESURGXNWD DUED NUDXMR LU GDXJLDXVLD Lã ãLD SURGXNWD SDJDPLQWL PDLVWR SURGXNWDL									
.LWD SDUXRãWD DUED NRQVHUYXRWD NLDXOLHQD MRV VXESURGXNWDL LU PLãLQLDL ³VNDLWDQW PLãLQLXV 3DUXRãWD DUED NRQVHUYXRWD JDOYLMLHQD DUED MRV VXE SURGXNWDL									

JDPLQWRMÐ NDLQRV DSVNDLþLXRWRV VYHUWLQLX EìGX EH 390
 OjJLQDQW P VDXVLR PjQ VX P JUXRGãLR PjQ OjJLQDQW P VDXVLR Pj
 ³VNDLWDQW åYLHåL PjV XãSLOW GUXVND NDLSDNLQXRMX NRQVHUYDQWX
 ³VNDLWDQW EHNRQÐ åRQLQ WULMÐ NHWYLUþLD åRQLQ DUED YLGXULQHV GDOLV SUL
 NDXODLV SDSLOYHV LU MÐ GDOLV
 LãVNI\UXV SDUXRãWXV YDOJLXV LU SDWLHNDQXV
 LãVNI\UXV Lã NHSHQÐ SDJDPLQWDV GHãUDV SDUXRãWXV YDOJLXV LU SDWLHNDQXV
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/LHWXYRV ³PRQ;VH SDJDPLQWRV P;VRV LU NDL NXULÐ P;VRV JDPL WUHþLÐMÐ äDOLÐ ULQNRVH (85 W

*DPLQLR SDYDGLQBPÐ.VNRGDV	VDXVLR	JUXRGL	VDXVLR	P;QHVLR 3RN\WLV	PHWÐ
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'HãURV LU SDQDã;V SURGXNWDL Lã P;VRV P;VRV VXESURGXNWÐ DUED NUDXMR LU GDXJLDXVLD Lã äLÐ SURGXNWÐ SDJDPLQWL PDLVWR SURGXNWDL

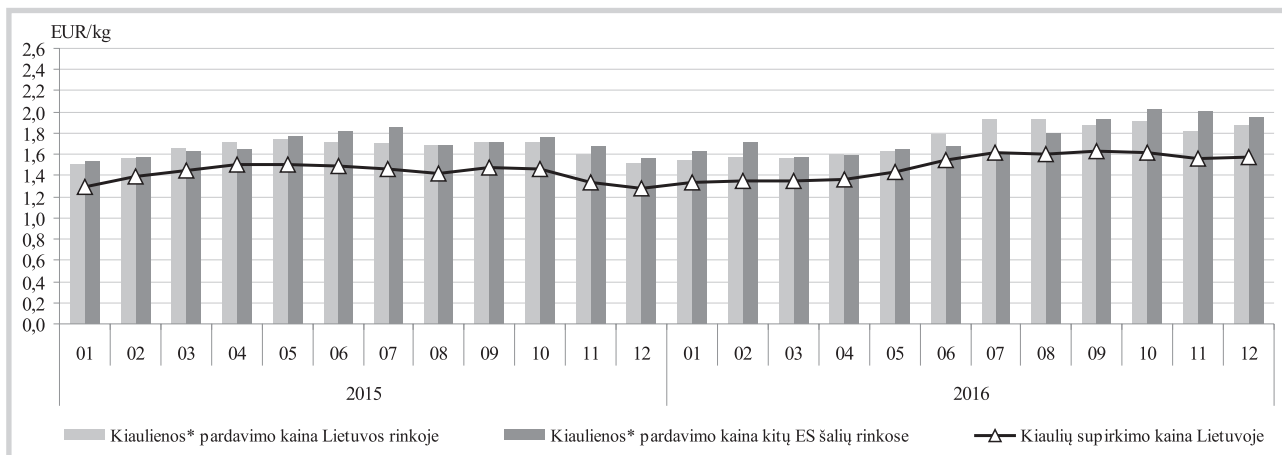
JDPLQWRMÐ NDLQRV DSVNDLþLXRWRV VYHUWLQLX E;GX EH 390

O\JLQDQW P VDXVLR P;Q VX P JUXRGLR P;Q

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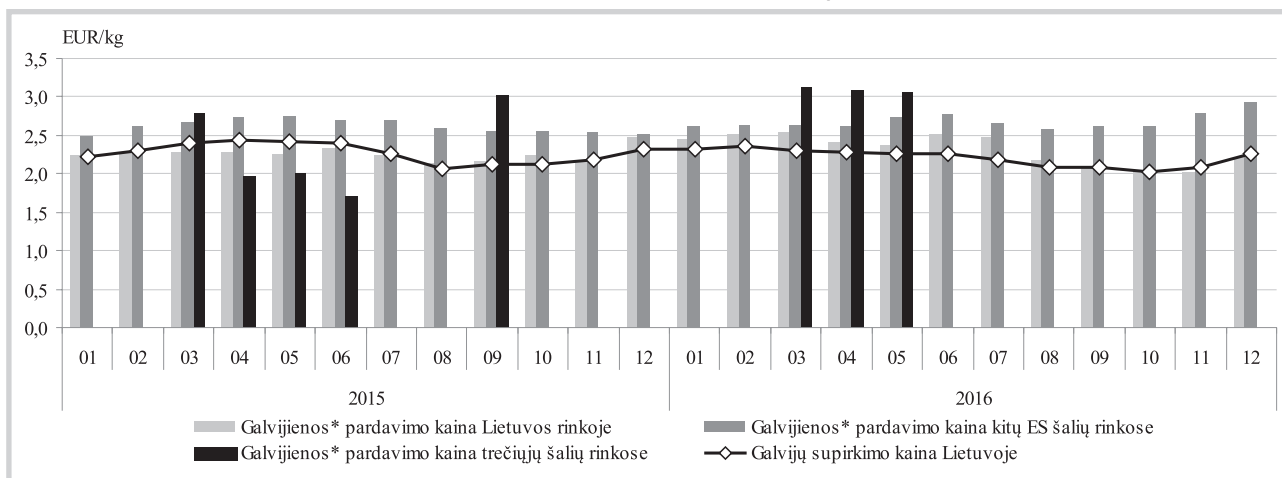
LãVN\UXV Lã NHSHQÐ SDJDPLQWDV GHãUDV SDUXRãWXV YDOJLXV LU SDWLHNDQXV

.LDXOLD VXSLUNLPR LU /LHWXYRV ³PRQ;VH SDJDPLQWRV NLDXOLHQRV



âYLHãLD DUED DWãDOG\WD NLDXOLHQD VNHUGHQRV VNHUGHQÐ SXV;V ³VNDLWDQW äY 3*3. NRGDV 3DVWDED ² NLDXOLHQRV VNHUGHQRV NDLQ ³VNDLW\WL WUDQVSRãDVLQPLBNDãEWÐ, 6

*DOYLMÐ VXSLUNLPR LU /LHWXYRV ³PRQ;VH SDJDPLQWRV JDOYLMLHQRV



âYLHãLRV DUED DWãDOG\WRV JDOYLMÐ VNHUGHQRV VNHUGHQÐ SXV;V LU NHWYLUþLDL 3DVWDED ² JDOYLMÐ VNHUGHQRV NDLQ ³VNDLW\WL WUDQVSRãDVLQPLBNDãEWÐ, 6

.LDXOLHQRV MDXWLHQRV LU DYHLHQRV ULQNRV VHNWRULD XV LQIRUPDFLM WHO



*\YÐ JDOYLMÐ HNVSURUWDV Lã /LHWXYRV ± P

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*\YÐ JDOYLMÐ LPSRUWDV ³ /LHWXY ± P

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P_iQ LU SURF PDãLDX QHLJDPEDYDVHUWLRQDQW SDJDO VNHU
3DXNãWLHQRV JDPIED YHUWLGDOQW SDJDOQNWUHGHOÐ SURF GD
VYRU³ P YDVDULR P_iQ VHGDU_iSURF VDXULDX QHL P
SDO\JLQWL VX ã P VDXVLR P_iQ 'VXPLDãMIRD SDXNãpLÐ SDVNH
EHL SURF SDO\JLQWL VX ± PPOUDVURV P_iQ \ SURF

/LHWXYRV ³PRQ_iVH SDJDPLQWÐ NLDXãLQLÐ SDUGDYLDPDV YLG

.RN\iV NODV _i V	SDJDO VYRU ³	YDVDULWUXRGLVVDXVLV	YDVDULP _i QHVLR PHWÐ	3RN\WLV
9LãWÐ NLDXãLQLDL VX OXNãWX ,ã MÐ VXUĭãLXRWD \$ NODV _i				
	;/			
	/			
	0			
	6			
% NODV _i				

O\JLQDQW P YDVDULR P_iQ VX VDXVLR P_iQ ã DOVãEQLV& ãE035,6
O\JLQDQW P YDVDULR P_iQ VX P YDVDULR P_iQ

/LHWXYRV ³PRQ_iVH SDJDPLQWÐ NLDXãLQLÐ HNVSURUWDV

.RN\iV NODV _i V	SDJDO VYRU ³	YDVDULWUXRGLVVDXVLV	YDVDULP _i QHVLR PHWÐ	3RN\WLV
9LãWÐ NLDXãLQLDL VX OXNãWX ,ã MÐ VXUĭãLXRWD \$ NODV _i				
	;/			
	/			
	0			
	6			

O\JLQDQW P YDVDULR P_iQ VX VDXVLR P_iQ ã DOVãEQLV& ãE035,6
O\JLQDQW P YDVDULR P_iQ VX P YDVDULR P_iQ

9LãpLXNÐ EURLOHULÐ VNHUGHQÐ SDUGDYLPR YLGXWLQ_iV GLGPHQLQ_iV

3DYDGLQLPDV	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	3RN\WLV
,ãGDULQ _i WD VNHUGHQ _i O _i \$ NODV _i						VDYDLWãWÐ

O\JLQDQW P VDYDLW VX VDYDLWH ã DOVãEQLV& ãE035,6
O\JLQDQW P VDYDLW VX P VDYDLWH
3DVWDED 9LGXWLQ_iV NDLQRV VNDLpLXRMDPRV VYHUWLQLX EIGX

9LãpLXNÐ EURLOHULÐ VNHUGHQÐ SDUGDYLPR YLGXWLQ_iV GLGPHQLQ_iV

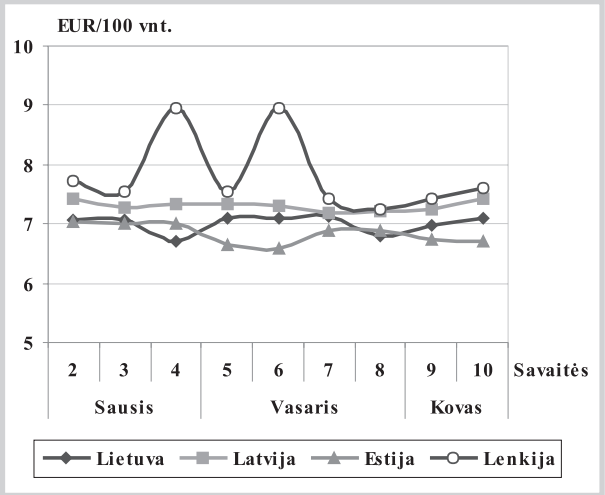
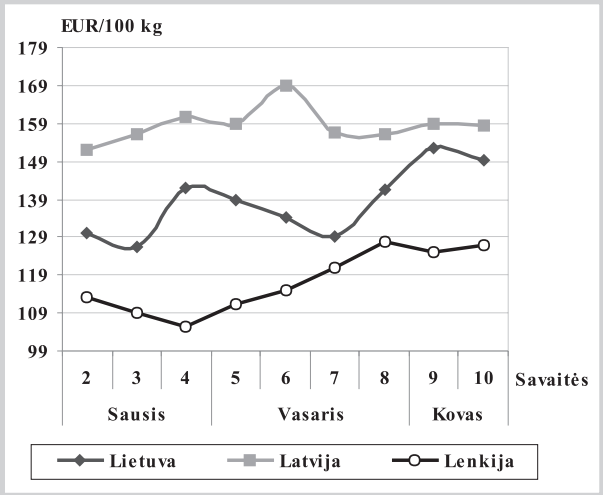
3DYDGLQLPDV	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	3RN\WLV
,ãGDULQ _i WD VNHUGHQ _i O _i \$ NODV _i						VDYDLWãWÐ

O\JLQDQW P VDYDLW VX VDYDLWH ã DOWLQLV (.
O\JLQDQW P VDYDLW VX P VDYDLWH



VNHUGLPĐ LU -XQJWLQ; WDXWĐ PDLVLR ± NRYR IPJQHQLMRMH P %HVLY\VWDQp
W \ SURF (6 SDXNâpLĐ VNHUGLQW SDJDPDWYRUVDY VDY VDY VDY VDYDLWHWĐ
PDâLDX SDXNâpLĐ EXYR SDVNHVUVWĐ SDXNâpLĐ VNHUGLQW SDJDPDWYRUVDY VDY VDY VDY VDYDLWHWĐ
POQ YQW ,VSDQLMRMH WRG;QQDXQWDXJDFOLQ; V LU J\YİQL
WLMRMH POQ YQWQYQW ,VSDQLMRMH
/LHWXYRMH SDVNHVUVWĐ SDXNâpLĐ VNHUGLQW SDJDPDWYRUVDY VDY VDY VDY VDYDLWHWĐ; P S
SURFSDXNâpLĐ VNHUGLQW SDJDPDWYRUVDY VDY VDY VDY VDYDLWHWĐ POQ W SDXNâW
/DWYLMRMH EXYR SDVNHVUVWĐ SDXNâpLĐ VNHUGLQW SDJDPDWYRUVDY VDY VDY VDY VDYDLWHWĐ
SDXNâpLĐ %UDJLOLMD LNL POQ W .LQLM
3DXNâWLHQRV JDP\ERV LU SURFSDXNâpLĐ VNHUGLQW SDJDPDWYRUVDY VDY VDY VDY VDYDLWHWĐ; P S
P -XQJWLQ; WDXWĐ PDLVLR ± NRYR IPJQHQLMRMH P %HVLY\VWDQpLR
RUJDQLJDFLMD WROLDX ±)\$2 QXDFWRLUNĐEHNVP POQ W
SDVDXO\MH J\YHQV POUG âDQVĐ ±WDXJV SURF LU VXGDU
W VLQIV SVO

9LâWLHQRV VNHUGHQĐ YLGXWLQ;V / LU 0 NDWHJRULMĐ VYHUWLQ;V N
NDLQRV EH 390 /LHWXYRMHSDJDPDWYRUVDY VDY VDY VDY VDYDLWHWĐ
/HQNLMRMH P VDXVLR±NRYR IPJQHQLMRMH P VDXVLR±NRYR



âDQVĐ ±WDXJV SURF LU VXGDU W VLQIV SVO
YLGXWLQ;V / LU 0 NDWHJRULMĐ VYHUWLQ;V N
NDLQRV (85 SDWHLNWRV(\$2 JDOQWV\QNDL
âDQVĐ ±WDXJV SURF LU VXGDU W VLQIV SVO

âYLHâLĐ VXSDNXRWĐ NLDXâLQLĐ SDUGDYLRP YLGXWLQ;V GLGPHQLQ;V

.RN\EiV NODViV	SDJDPDWYRUVDY					3RN\LV	
	±	±	±	±	±	VDYDLWHWĐ	
\$ NODVi							
/ QXR J LNL J							
0 QXR J LNL J							
9LGXWLQ; /±0							

O\JLQDQW P VDYDLW VX VDYDLWHWĐ âDQVĐ ±WDXJV SURF LU VXGDU W VLQIV SVO
O\JLQDQW P VDYDLW VX P VDYDLWHWĐ
3DVWDED 9LGXWLQ;V NDLQRV VNDLpLXRMDPRV VYHUWLQLX EİGX

âYLHâLĐ VXSDNXRWĐ NLDXâLQLĐ SDUGDYLRP YLGXWLQ;V GLGPHQLQ;V

.RN\EiV NODViV	SDJDPDWYRUVDY					3RN\LV	
	±	±	±	±	±	VDYDLWHWĐ	
\$ NODVi							
/ QXR J LNL J							
0 QXR J LNL J							
9LGXWLQ; /±0							

NDLQRV (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YDOLXWRADQXLQLV =65,5
O\JLQDQW P VDYDLW VX VDYDLWHWĐ
O\JLQDQW P VDYDLW VX P VDYDLWHWĐ



9LGXWLQ;V GLGPHQLQ;V YLãWLHQRV VNHUGHQÐ \$ NODV;V NDLQRV (X

9DOVW\E; /	'DWD					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLW;PHWÐ	
/LHWXYD							
/DWYLMD							
%HOJLMD							
%XOJDULMD							
ýHNLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD							
,VSDQLMD							
3UDQFĭjLMD							
.URDWLMD							
\$LULMD							
,WDOLMD							
.LSUDV							
9HQJULMD							
0DOWD							
2ODQGLMD							
\$XVWULMD							
/HQNLMD							
3RUWXJDOLMD							
5XPXQLMD							
6ORY;QLMD							
6ORYDNLMD							
6XRPLMD							
âYHGLMD							
-XQJWLQ; .DUDO\VW; (6 YLGXWLQ; NDLQD							

9LGXWLQ;V GLGPHQLQ;V ãYLHãLÐ VXSDNXRWÐ NLDXãLQLÐ / LU 0 NDW NDLQR

9DOVW\E; /	'DWD					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLW;PHWÐ	
/LHWXYD							
/DWYLMD							
(VWLMD							
%HOJLMD							
%XOJDULMD							
ýHNLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD							
,VSDQLMD							
3UDQFĭjLMD							
.URDWLMD							
\$LULMD							
,WDOLMD							
.LSUDV							
9HQJULMD							
0DOWD							
2ODQGLMD							
\$XVWULMD							
/HQNLMD							
3RUWXJDOLMD							
5XPXQLMD							
6ORY;QLMD							
6ORYDNLMD							
6XRPLMD							
âYHGLMD							
-XQJWLQ; .DUDO\VW; (6 YLGXWLQ; NDLQD							

O\JLQDQW P VDYDLW VX VDYDLWH O\JLQDQW P VDYDLWãDOWXLQLVP (.



- \$9 âHPĭV ĩNLR GHSDUWDPHQW \$2 GSURFJQQLĪRMD NDG P
 ± P NLHNYLHQDV SDVDXNDLRRUWYH D SLPMDLW WDUS âDOLĒ
 VXYDUWRV NJ MDXWLHQRV ± SURNFJ NĪD XOLHSURF LU6 ± SU
 NJ SDXNāWLHQRV P EHVLY\SWDFQ pL7XVHĪD D\YH SURF 'DO
 SDXNāWLHQRV VXYDUWRMLPDVLP SLDONXLRQXV, P SXRUWR ± NLHNLV E)
 P SDGLGĭV SURFQQLUWVLSURF -\$9 ± SURF (6 7XUNL
 R LāvLY\VpLXVLRVH âDO\YH MĪVSBRXJ SURFSURF LU VLHNV
 POQ W âDOWLQLDL äĒ,.9& äĒ035,6 (XURVWDWDV 86

.DL NXULĒ SDXNāWLHQRV JDPLQLĒ JDPĪED /LHWXYRV ³PI

*DPLQLR SDYDGLQLĪPĪV NRGDV	3DJDPQLQWD		3RN\WLV	
	YDVDULWDXVLV YDVDULV		PĭQHVL RPHWĒ	
âYLHâL DUED DWâDOG\WL QHVXNDSRWL YLâpLXNDL				
âYLHâL DUED DWâDOG\WL QHVXNDSRWL NDODN*XWDL				
âYLHâL DUED DWâDOG\WL YLâpLXNĒ JDEDODL				
âYLHâL DUED DWâDOG\WL NDODNXWĒ JDEDODL"				
8ââDOG\WL QHVXNDSRWL YLâpLXNDL				
8ââDOG\WL YLâpLXNĒ JDEDODL				
8ââDOG\WL NDODNXWĒ JDEDODL				
8ââDOG\WRV QDPLQLĒ SDXNâpLĒ NHSHQ\V				
âYLHâL DUED DWâDOG\WL QDPLQLĒ SDXNâpLĒ				
YDOJRPLHML PĭVRV VXESURGXNWDL LāVN\UXV â VĒ				
LU DQpLĒ ULHEL VLDV NHSHQLV				
8ââDOG\WL QDPLQLĒ SDXNâpLĒ PĭVRV				
VXESURGXNWDL LāVN\UXV NHSHQLV				
.LWL JDPLQLDL DUED NRQVHUYDL Lā NDODNXWLHQRV				
.LWL JDPLQLDL DUED NRQVHUYDL Lā SDXNāWLHQRV				

O\JLQDQW P YDVDULR PĭQ VX VDXVLR PĭQ âDOVĪĒQ L9& äĒ035,6
 O\JLQDQW P YDVDULR PĭQ VX P YDVDULR PĭQ
 SDWLN VOLQWL GXRPHQ\V
 " ± NRQĭGHQFLDOĭV GXRPHQ\V

/LHWXYRV ³PRQĭVH SDJDPLQWĒ SDXNāWLHQRV JDPLQLĒ S

*DPLQLR SDYDGLQLĪPĪV NRGDV	3DUGXRWD			
	/LHWXYRV ULQNRMMNLWRVH (6 âDO\YH			
	SRN\WLV		SRN\WLV	
	VDXVLWVDVULV	VDXVLWVDVULV	VDXVLWVDVULV	
âYLHâL DUED DWâDOG\WL QHVXNDSRWL YLâpLXNDL				
âYLHâL DUED DWâDOG\WL YLâpLXNĒ JDEDODL				
âYLHâL DUED DWâDOG\WL NDODNXWĒ JDEDODL		"	"	
8ââDOG\WL QHVXNDSRWL YLâpLXNDL				
8ââDOG\WL YLâpLXNĒ JDEDODL				
8ââDOG\WL NDODNXWĒ JDEDODL		"	"	
8ââDOG\WRV QDPLQLĒ SDXNâpLĒ NHSHQ\V				
âYLHâL DUED DWâDOG\WL QDPLQLĒ SDXNâpLĒ				
YDOJRPLHML PĭVRV VXESURGXNWDL LāVN\UXV â VĒ				
LU DQpLĒ ULHEL VLDV NHSHQLV				
8ââDOG\WL QDPLQLĒ SDXNâpLĒ PĭVRV				
VXESURGXNWDL LāVN\UXV NHSHQLV				
.LWL JDPLQLDL DUED NRQVHUYDL Lā NDODNXWLHQRV				
.LWL JDPLQLDL DUED NRQVHUYDL Lā SDXNāWLHQRV				

O\JLQDQW P YDVDULR PĭQ VX VDXVLR PĭQ âDOVĪĒQ L9& äĒ035,6
 SDWLN VOLQWL GXRPHQ\V
 " ± NRQĭGHQFLDOĭV GXRPHQ\V

3DXNāWLHQRV LU NLDXâLQLĒ ULQNRĪLĪH QDIRWĪLDV' LĒSRNĒD WĪMWS



3LHQR LU SLHQR JDPLQLÐ ULQND

3DVDXOLQ;V SLHQR VXSLUNLPR NDLQRV EH 390 (85

3LHQLQ;V SDYDGRQDQWE;V	VDXVLVODSNULVULXRGLWDXVLV;QHVLRPHWÐ	3RN\WLV
0LOFREHO	%HOJLMD	
0•OOHU /HSSHUVGRORNLHWLMD		
'0.	9RNLHWLMD	
\$UOD)RRGV '.	'DQLMD	
9DOLR	6XRPLMD	
6DYHQFLD %DVVH 1RUPQIQGLMD		
'DQRQH 3DV GH &DODQFijLMD		
/DFWDOLV 3DV GH &DODQFijLMD		
6RGLDDO 3DV GH &DODQFijLMD		
'DLU\ &UHVW 'DYLGVWRZLWDQLMD		
'DLU\JROG	\$LULMD	
*ODQELD	\$LULMD	
.HUU\ \$JULEXVLQHVV	\$LULMD	
*UDQDUROR 1RUWK ,WDOLMD		
)ULHVODQG &DPSLQDODQGLMD		
9LGXWLQ; NDLQD		
-\$9		
1DXMRML =HODQGLMD		

3DVWDERV .DLQRV WDLNRPRV SLHQR JDPLQWRMDPV NXULÐ SLHQDV DWLWLQND VHNDQF
 EHQQUDV EDNWHULQLV XVPDQWQPDVO VWHQVPHDQLXSVLWMDWVPPNLHNLV ± WR
 UHPLDQWL 86'\$SHDQWV)RQWHQUDQSRQRj;PLWDXVLR P;Q V\JLQDQWUXRGRALDPX
 P;Q VX P VDXVLR P;Q

âDOWZQLQWHUQDWLRQDO 0LON 3ULFH &RPSDUL

âDOLR SLHQR LPSRUWDV LU HNVSRUWDV /LHWXYRM

âDOLR SLHQR LPSRUWDV Lâ NLWDV (6 âDOLV	âDOLR SLHQR LPSRUWDV Lâ NLWDV (6 âDOLV	âDOLR SLHQR LPSRUWDV Lâ NLWDV (6 âDOLV
ODWDYLPR YQW	VXSLUN;MÐ	SRN\WLV
		SRN\WLV

1DWIUDODXV ULHEXPRLSHQDV

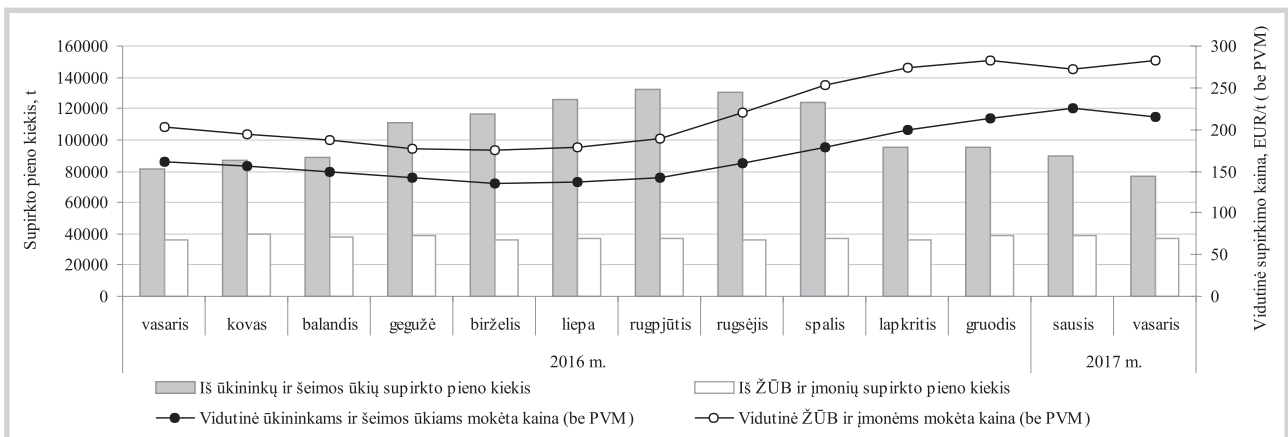
.LHNLV	t	
9LGXWLQ; NDLQD(85 W		
9LGXWLQLV ULHEXPDV		
9LGXWLQLV EDOW\PLQJXPDV		

2VNDLWRPRMR VYRULR SLHQDV

.LHNLV	t	
9LGXWLQ; NDLQD(85 W		

0JLQDQW P VXHUW;LHV890WLQLV âDOWLQLV äĒ,.9& äĒ035,
 3VNDLWRPRMR VYRULR SLHQDV ULHEXPDV;XRWDV EDOW\PLQJXPDPHWRGLNDS\$DWNLUWL
 LU PLâÐ ĪNLR PLQLVWHULMRV P YDVDULR G 3VDN\PX 1U
 'XRPHQ\V SDWHLNWL UHPLDQWL 3LHQR VXSLUNLPR LU SDUGDYLR PHWÐ DWDVNDLWD 36

âDOLR SLHQR VXSLUNLPDV /LHWXYRMH Lâ âDOLHV SLHQR



3VNDLWRPRMR VYRULR ULHEXPDV ± EDOW\PLQJXPDV ± âDOWLQLV äĒ,.9& äĒ035,



3DVDXOLQ;V NDL NXULÐ SLHQR JDPLQLÐ NDLQRV (85

*DPLQLR SDYDGLQLPDV	9LGXWLQ; NDLQD
---------------------	----------------

-\$9

	VDY					SRN\WLV	
	±	±	±	±	±	VDYDLW	P
6YLVHVWV \$							
6ĪULV &KHGGDU OXLWDLV							
/30 &HQWULQLV LU 5\WÐ UHJLRQDV)2%							
130 1DFLRQDOLQLV YLG)2%							
,ãUĪJÐ PLOWHOLDL &HQWULQLV UHJLRQDV)2%							
9DNDUÐ (XURSRMH HNVSRUWXL)2%							

	VDY			SRN\WLV	
	±	±	±	VDYDLW	P
6YLVHVWV ULHE					
/30					
130					
/\G\WV VYLVHVWV					
,ãUĪJÐ PLOWHOLDL					

2NHDQLMRV YDOVW\E;VH HNVSRUWXL)2%

	VDY			SRN\WLV	
	±	±	±	VDYDLW	P
6YLVHVWV ULHE					
/30					
130					
6ĪULV &KHGGDU					

/30 ± QXJULHEWR SLHQR PLOWHOLDL 130 ± QHQXJULHEWR SLHQR PLOWHOLDL 86'\$
 *NDLQRV XãVLHQLR YDOVW\E;VH (85 SDWHLNWRVSDJDO DWLWLQNDPRV GDWRV (&% YD
 OĪJLQDQW GYL SDVNXWLQL VLDV VDYDLWHV
 OĪJLQDQW P LU P DWLWLQNDPRVSDJDO DWLWLQNDPRV GDWRV (&% YD

.DL NXULÐ SLHQR JDPLQLÐ NDLQRV WLMRMH LU /HQNLMRMH (85 PD

9DOVW\E; JDPLQ\V	0DW	3RN\WLV
	YQWYDVDJULXRGLXVYDVP	QHVPRWÐ

/DWYLMÐ

7LOWĪWLDL NJ ...

(VWLMÐ

*HULDPDVLV SLHQDV ULHE	LãIDVXRWDV	3	SO;YHO;V	IDVXRWHV
*HULDPDVLV SLHQDV ULHE	LãIDVXRWDV	3	WHWUDSDNR	IDVXRWHV
*HULDPDVLV SLHQDV ULHE	LãIDVXRWDV	3	SO;YHO;V	IDVXRWHV
6YLVHVWV NJUÐKEWDLV	NJ			
6YLVHVWV ! ULHE	LãIDVXRWDV	±	J	IDVXRWHV
(GDP VĪULDL	NJ			
*RXGD VĪULDL	NJ			
9DUã;V VĪULDL ULHE	NJ			

/HQNLMD

6YLVHVWV ULHE OXLWDLV	NJ
6YLVHVWV ULHE IDVXRWDV	NJ
1HQXJULHEWR SLHQR PLOWHOLDL	NJ
1XJULHEWR SLHQR PLOWHOLDL	NJ
,ãUĪJÐ PLOWHOLDL	NJ
(GDP VĪULDL	NJ
(PPHQWDOHU VĪULDL	NJ
OR]]DUWĪQDL	NJ

JDPLQWRMÐ YLGXWLQ;V VYHUWLQ;V NDLQRV EH 390 âDOWLQLDL /9\$(, (., LU
 OĪJLQDQW P YDVDULRCĪQDQWDXVPR PĪQV P YDVDULR PĪQ
 NDLQRV XãVLHQLR YDOVW\E;VH (85 SDWHLNWRVSDJDO DWLWLQNDPRV GDWRV (&% YD
 ± QĪUD GXRPHQÐ



äDOLR SLHQR VXSLUNLPR NDLQRV (6 YDOVW\EiVH (85

9DOVW\Ei	VDXVLV	ODSNULWLWXRGLV	VDXVLV	PiQHVLV	PHW
%HOJLMD					
%XOJDULMD					
ýHNLMD					
'DQLMD					
9RNLHWLMD					
(VWLMD					
*UDLNLMD					
,VSDQLMD					
3UDQFijLMD					
\$LULMD					
.URDWLMD					
,WDOLMD					
.LSUDV					
/DWYLMD					
/LHWXYD					
/LXNVHPEXUJDV					
9HQJULMD					
0DOWD					
2ODQGLMD					
\$XVWULMD					
/HQNLM					
3RUWXJDOLMD					
5XPXQLMD					
6ORYiQLMD					
6ORYDNLMD					
6XRPLMD					
âYHGLMD					
-XQJWLQi .DUDO\WVi					
9LGXWLQi (6					
9LGXWLQi (6					

3DVWDED äDOLDV SLHQDV VXSLUNWDV /LHWXYRMH P PiQ ULHEXP E
 PiQ ULHEXP EDOW\PLQJXPR P PiQ ULHEXP EDOW\PLQ
 O\JLQDQW P VDXVLR PiQ VX P JUXRGaLR PiQ
 O\JLQDQW P VDXVLR PiQ VX P VDXVLR PiQ äDOWLQLDL äË,.9& äË035,6

äDOLR SLHQR HNVS RUWVDV Lã 7LHWXYRV 3 NLWDV (6 ä

äDOLR SLHQR HNVS RUWVDV Lã 7LHWXYRV 3 NLWDV (6 äDOLV YQW	YD	JUXRGLV	VDXVLV	YD	PiQHVLV	PHW

1DWIUDODXV ULHEXP SLHQDV

9LGXWLQi HNVS RUWVDV (6 äDOLV YQW						
9LGXWLQLV ULHEXPDV						
9LGXWLQLV EDOW\PLQJXPDV						
%HGGUDV HNVS RUWXRWDV NLHNLV 3 NLWDV (6 äDOLV						
,ã WR VNDLpLDXV						
NLHNLV	t					
2 /HQNLMD	YLGXWLQi NDLQD(85 W					
	YLGXWLQLV ULHEXPDV					
	YLGXWLQLV EDOW\PLQJXPDV					

2VNDLWRPRMR VYRULR SLHQDV

%HGGUDV HNVS RUWXRWDV NLHNLV 3 NLWDV (6 äDOLV						
9LGXWLQi HNVS RUWVDV (6 äDOLV YQW						

O\JLQDQW P YDVDULR PiQ VX VDXVLR PiQ
 O\JLQDQW P YDVDULR PiQ VX P YDVDULR PiQ
 VYHUWLQi ULHEXPDLV
 3VNDLWRPRMR VYRULR SLHQDV ULHEXPDV ± EDOW\PLQJXPDV ± SHUVNDLpLX
 LU PLãÑ INLR PLQLVWHULMRV P YDVDULR G 3VDN\PX 1U
 'XRPHQIV SDWHLNWL UHPLDQWLV 3LHQR VXSLUNLPR LU SDUGDYãDOWLQLDL äË,.9& äË035,6



äDOLR SLHQR VXSLUNLPDV Lã /LHWXYRV SLHQR JDPLQ

äDOLR SLHQR	VXSLUNLPDV	YD	JUX	VDX	YDV	PiQHV	PHW	YDV	JUXRGL	VDXV	YDV	PiQHV	PHW
SDJDO WLHN	MXV												

1DWIUDODXV ULHEXPR SLHQDV

ä ÌNLQLQNÐ LU äHLPRV													
ÌNLÐ QHWDLNDQW													
QXRVNDLWÐ													
ä äHPiV ÌNLR													
EHQGURYLÐ LU ³PRQLÐ													
QHWDLNDQW QXRVNDLWÐ													
6XSLUNWD Lã YLVR													
QHWDLNDQW QXRVNDLWÐ													
ä ÌNLQLQNÐ LU													
äHLPRV ÌNLÐ WDLNDQW													
QXRVNDLWÐ													
ä äHPiV ÌNLR													
EHQGURYLÐ LU ³PRQLÐ													
WDLNDQW QXRVNDLWÐ													
6XSLUNWD Lã YLVR													
WDLNDQW QXRVNDLWÐ													
%HQGUDV NLHNLV													
9LGXWLQi NDLQD													

²VNDLWRPRMR VYRULR SLHQDV

ä ÌNLQLQNÐ LU äHLPRV													
ÌNLÐ													
ä äHPiV ÌNLR													
EHQGURYLÐ LU ³PRQLÐ													
%HQGUDV NLHNLV													
9LGXWLQi NDLQD													

3DVWDED 1DWIUDODXV ULHEXPR SLHQDV VXSLUNWDV Lã /LHWXYRV SLHQR JDPLQWRMD
 ULHEXPR EDOW\PLQJXPR P PiQ ULHEXPR EDOW\PLQJXPR
 'XRPHQiV SDWHLNWL SDJDO 3LHQR VXSLUNLPR LU SDUGDYLPR PiQHVLR DWDVNDLW 36
 9LGXWLQi VYHUWLQi /LHWXYRV SLHQR JDPLQWRMDPV PRNiWD NDLQD EH 390
 OJLQDQW P YDVDULR PiQ QDQWDXVPR P PiQ YDVDULR PiQ VX P YDVDULR PiQ
 ³VNDLWRPRMR VYRULR SLHQDV ULHEXPDV ± EDOW\PLQJXPDV ± SHUVNDLpLX
 PLãÐ ÌNLR PLQLVWHULMRV P YDVDULR G ³VDN\PX 1U äDOWLQLV äË,.9& äË035,

äDOLR SLHQR LPSRUWDV ³ /LHWXY Lã NLWÐ (6 äDOL

äDOLR SLHQR LPSRUWDV	YD	JUX	VDX	YDV	PiQHV	PHW
VXSLUNiMÐ	YQW					

1DWIUDODXV ULHEXPR SLHQDV

9LGXWLQi LPSRUWXRWDV (6 äDOLÐ							
9LGXWLQLV ULHEXPDV							
9LGXWLQLV EDOW\PLQJXPDV							
%HQGUDV LPSRUWXRWDV NLHNLV Lã NLWÐ (6 äDOLÐ							

,ä WR VNDLpLDXV

Lã /D	NLHNLV	t				
	YLGXWLQi NDLQD 85 W					
	YLGXWLQLV ULHEXPDV					
	YLGXWLQLV EDOW\PLQJXPDV					
Lã (V)	NLHNLV	t				
	YLGXWLQi NDLQD 85 W					
	YLGXWLQLV ULHEXPDV					
	YLGXWLQLV EDOW\PLQJXPDV					

²VNDLWRPRMR VYRULR SLHQDV

%HQGUDV LPSRUWXRWDV NLHNLV Lã NLWÐ (6 äDOLÐ						
9LGXWLQi LPSRUWXRWDV (6 äDOLÐ						

OJLQDQW P YDVDULR PiQ QDQWDXVPR P PiQ YDVDULR PiQ VX P YDVDULR PiQ
 VYHUWLQi EH390
 ³VNDLWRPRMR VYRULR SLHQDV ULHEXPDV ± XRWDE EDOW\PLQJXPDV ± SHUVNDLpLX
 LU PLãÐ ÌNLR PLQLVWHULMRV P YDVDULR G ³VDN\PX 1U
 'XRPHQiV SDWHLNWL UHPLDQWL 3LHQR VXSLUNLPR LU SDUGDYLPR PiQHVLR äDOWLQLV äË,.9& äË035,



.DL NXULÐ SLHQR JDPLQLÐ YLGXWLQ;V VDYDLWLQ;V NDLQRV gamintoj

*DPLQ\V	9DOVW\E;VDY	VDY	VDY	VDY	VDY	VDY	3RNIWLV
	±	±	±	±	±	±	VDYDLP;WÐ
LāIDVXRWDV OXLWDLV	/LHWXYD						
LāIDVXRWDV 3 PDāHVQH V IDVXRWHV	/DHWYD						
LāIDVXRWDV OXLWDLV	/DHWYD						
LāIDVXRWDV OXLWDLV	/DHWYD						
LāIDVXRWDV SR (VWLMD							
LāIDVXRWDV OXLWDLV	/DHWYD						
LāIDVXRWDV SR 9RNLHWLMD							
, UīāLV	3UDQFĪJLMD						
LāIDVXRWDV OXLWDLV	/DHWYD						
6YLHV JUPVQLV	,WDOLMD						
LāIDVXRWDV OXLWDLV	/DHWYD						
ULHE LāIDVXRWDV 3 PDāHVQH V IDVXRWHV	/DHWYD						
LāIDVXRWDV 3 PDāHVQH V IDVXRWHV	/DHWYD						
LāIDVXRWDV OXLWDLV	/DHWYD						
LāIDVXRWDV OXLWDLV	/DHWYD						
LāIDVXRWDV SR 6ORYDNLMD							
LāIDVXRWDV OXLWDLV	/DHWYD						
LāIDVXRWDV 3 PDāHVQH V IDVXRWHV	/DHWYD						
LāIDVXRWDV OXLWDLV	/DHWYD						
LāIDVXRWDV 3 PDāHVQH V IDVXRWHV	/DHWYD						
(6 YLGXWLQ; NDLQD							
	/LHWXYD						
	/DHWYD						
LāIDVXRWL SR 9RNLHWLMD							
	3UDQFĪJLMD						
1XJULHEWR	%HOJLMD						
SLHQR	2ODQGLMD						
PLOWHOLDL	-XQJWLQ;						
	.DUDO\VW;						
	ýHNLMD						
	/HQNLMD						
(6 YLGXWLQ; NDLQD							
LāIDVXRWL SR 9RNLHWLMD							
1HQX	3UDQFĪJLMD						
JULHEWR	%HOJLMD						
SLHQR	2ODQGLMD						
PLOWHOLDL	/HQNLMD						
(6 YLGXWLQ; NDLQD							
LāIDVXRWL SR 9RNLHWLMD							
	2ODQGLMD						
,āUĪJÐ	-XQJWLQ;						
PLOWHOLDL	.DUDO\VW;						
	ýHNLMD						
	/HQNLMD						
(6 YLGXWLQ; NDLQD							
*RXGD							
7LOVLW	/LHWXYD						
.LHWLHML LOJDL	EUDQGLQWL						
(GDP	(VWLMD						
*RXGD							
(GDP	/DHWYD						
&KHGGDU							
(PPHQWDO	V P 9RNLHWLMD						
6ĪULD LāIDVXRWDV SR ± NJ							
3DUPLJLDQR							
*UDQD 3DGDQR							
3URYRORQH							
3URYRORQH &UH PWDOLMD							
*RUJRQJROD							
,WDOLFR							
7DOHJJLR							
&KHGGDU	%HOJLMD						

OHQWHO;V W VLQ\W



SVO OHQWHO;V W VLQ\V

	*DPLQ\V	9DOVW\E\VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	3RN\WLV	
							VDY ±	PHW
6iULDL	&KHGGDU	-XQJWLQ; .DUDO\W;						
	&KHGGDU	\$LULMD						
	(GDP	6ORYDNLMD						
	(GDP V P							
	(GDP V P	yHNLMD						
	(PPHQWDO V P							
	(GDP							
	*RXGD							
	&KHGGDU							
	(PPHQWDO	/HQNLM						
	ORJJDUHOOD							
)HWD							
3HO;VLQLDL								
Cheddar								
Edam	ES							
Gouda	YLGXWLQ;							
Emmental	NDLQD							

*NDLQRV XäVLHQLR YDOVW\E;VH (85 SDWHLNWLWVSDJDO DWLWLQNDPRV GDWRV (&% YDO
 O\JLQDQW P VDYDLW VX VDYDLWH
 ± Q;UD GXRPHQ " ± NRQ;GHQFLDOiV GXRPHQ\V
 /LHWXYRV GXRPHQ\V SDWHLNWL UHPLDQWLV 3LHQR VXSLUNLPR LU SDUGDY\LPW\QW DäD 9 äD äD 035

.DL NXULÐ /LHWXYRV ³PRQ;VH SDJDPLQWÐ SLHQR JDPLQ (85DN) YLGXWLQ

*DPLQLR SDYDGLDLEP	SDJDPO	VDY ±	VDY ±	VDY ±	3RN\WLV		3RN\WLV	
					VDYDLW	PHW	VDYDLW	PHW
6YLHVWDXLWDLV								
ULHEXP RDVXRWDV								
6iULDL								
*RXGD								
7LOVLW								
.LHWLHML LOJDL EUDQGLQWL								

VYHUWLQ;V JDPLQWRMÐ EH 390 äDOWLQLV äE,.9& äE035,
 O\JLQDQW P VDYDLW VX VDYDLWH
 O\JLQDQW P VDYDLW VX P VDYDLWH
 " ± NRQ;GHQFLDOiV GXRPHQ\V

äDOLR SLHQR VXSLUNLPDV Lã /LHWXYRV SLHQR JDPLQ

	NLHNLV	WDLN\WD	NLHNLV	WDLN\WD	3RN\WLV	
					VDYDLW	PHW
9LGXWLQ; NDLQD						
%HQGUDV NLHNLV						
,ã WR VNDLpLDXV						
6XSLUNWD SLHQR NXULDP						
QHWDLN\WD QXRVDLWÐ						
6XSLUNWD SLHQR NXULDP						
WDLN\WD QXRVDLWRV						
²VNDLWRPRMR VYRULR SLHQDV						
%HQGUDV NLHNLV						
9LGXWLQ; NDLQD						

3DVWDED äDOLR QDWiUDODXV ULHEXP RDVXRWDV VXSLUNWDV /LHWXYRMH P YLGXWLQ
 ULHEXP DV ± YLGXWLQLV EDOW\PLQJXP DV ±
 YLGXWLQ; VYHUWLQ; /LHWXYRV SLHQR JDPLQWRMÐ P RN;VNDLWRPRMR EH 390 LR SLHQD
 EDOW\PLQJXP DV ± SHUVNDLpLXRWDV UHPLDQWLV PHWRGLND SDWYLUWLQWD /
 G ³VDN\PX 1U
 'XRPHQ\V SDWHLNWL UHPLDQWLV 3LHQR VXSLUNLPR LU SDUGDY\LPW\QW DäD 9 äD äD 035



P YDVDULR G VDYLYDOG\EiV \$NPHQjV U VDY
 LãVLĐVWD 'XRPHQĐ DSLH SLHQR JDP LQWRM XV JDOLQpLXV \$O\WDXV U VDY
 WHLNWL PRN;MLPR SUDã\PXV JDXWL SODQDYR Xå SUXWQR SR SULWD \$Q\NãpLĐ U VDY
 SDUGXRWR SHUGLUEWL NLHNLR WXNDãV LQ (85 SDUXDP RWLQ; %LUãWRQR VDY
 WROLDX ± VXYHVWLQ; 6XYHVWLQ;ãMSIDSDWHNXMLĐPSLĐGXRãNDV J
 PHQ\V DSLH WXR V SLHQR JDP LQWRM SUDUGDYULH JDOLQWRMĐ (OHNWU;QĐ VDY
 WHLNWL PRN;MLPR SUDã\PXV JDXWL SODQDYR Xå SUXWQR SR SULWD ,JQDOLQRV U VDY
 SDUGXRGDPR SHUGLUEWL NLHNLR WXPĐãLQLP WROLDX -RQDYRV U VDY
 ± PRN;MLPR SUDã\PDV LU NXULH SDWHLN;SDUWLãNDV SULWDLN -RQLãNLR U VDY
 SDUDPD L JDXWL Xå DQWU M³ PDãLQLP PR ODLNRWDUS³ W \ -XUEDUNR U VDY
 P ODSNULpLR± P VDXVLR P;Q 3ODQDYR JLJRWL SR SULWD .DLãLDGRULĐ U VDY
 VXPĐãLQWL SLHQR SDUGXRGDPR WSHUGLUEWL SUDUPRV (DOYDULMRV VDY
 SDO\JLQWL VX WXR SDpLX ODLNRWDUS³LXP ĐONWHPVQLĐLV .DXQR P VDY
 PHWDLV VXPĐãLQLP .DXQR U VDY
 3LHQR SDUGDYLP R SHUGLUEWL PDãLQLPĐV Xå ĐQWU M³ VNDLpLXV
 PDãLQLP R ODLNRWDUS³ SDUDPRV WXPĐ (85 NDGDQJL NDL NX
 SUDãRPDP NLHNLR VXPĐãLQLP XLWDLNWRNPH;FLHQWV QHV S
 .RPLVLMRV WROLDX ± (. NRH;FLHQWV WLNVDL EXYR DSVLNDLpLDY
 3DWHLN; SDUDLãNDV PDãLQLPXL JDPLQWRMDL
 3ODQDYR VXPĐãLQWL SLHQR SDUGDYLP;QHVLXV QXR
 W G LNL P YDVDULR G SD
 (. SDWYLUWLQR SULWDLN;XVLNRH;FLHQW VNXUNLPR³PROPV EXYRNDWGXF
 3ODQDYR JDXWL Xå PDãLQLP MDXSR YLGXWLQLV ULHE
 SULWDLN\WR NRH;FLHQWR 3HUVDLpLDYXV³ QDFLRQDOLQ
 ,ã SDWHLNXVLĐ SDUDLãNDV JDPLQWRMĐ SURE WDL VWGDU; ULHEXP (85 SDUDP
 PDãLQR SLHQR SDUGDYLP JDPLQWRMĐ VXP P WR SDpL
 3ODQDYR VXPĐãLQWL SDUGDYLP SLHQR SDUGDYLP SLHQR VXSLUNLPR
 W GXRPHQLPLV SLHQR VDXVLR;MR SURF
 ãDOWLQLV ãĒ,.9& 3\$,6 ± 3LHQR DSVNDLWRV

3LHQR JDPLQWRMĐ VNDLpLXV YQW NDUYLĐ VNDLpLXV YQW
 SHU P VDXVLR±YDVDULR P;QHVLXV

6DYLYDOG\EiV	*DPLQWRMĐ SLHQ VNDLpLXV	3DUGXRWRĐV QDWVUDOLX ULHEXP	3LHQRĐVSHU ULHEXP	VNDLpLXV VNDLpLXV
\$NPHQjV U VDY				
\$O\WDXV U VDY				
\$Q\NãpLĐ U VDY				
%LUãWRQR VDY				
%LUãĐ U VDY				
'UXVNLQLQNĐ VDY				
(OHNWU;QĐ VDY				
,JQDOLQRV U VDY				
-RQDYRV U VDY				
-RQLãNLR U VDY				
-XUEDUNR U VDY				
.DLãLDGRULĐ U VDY				
.DOYDULMRV VDY				
.DXQR P VDY				
.DXQR U VDY				

OHQWHO;V W VLQ\V



SVO OHQWHO;V W VLQ\V

6DYLYDOG\E;V	*DPLQWRMĐ 3DULGNRWRĐV 3LHQRĐV SVU VNDLĐUXRĐV DV SLHQ VNDLĐVUDOLX ŪLHEXPŪLHEXP VNDLĐLXV			
.DJQĐ 5ĪGRV VDY				
.HOP;V U VDY				
.ODLS;GRV U VDY				
.UHWLQJRV U VDY				
.XSLāNLR U VDY				
.;GDLQLĐ U VDY				
/DJGLMĐ U VDY				
0DULMDPSRO;V U				
0DāHLNLĐ U VDY				
0RO;WĐ U VDY				
3DJ;JLĐ VDY				
3DNUXRMR U VDY				
3DQHY;āLR U VDY				
3DVYDOLR U VDY				
3OXQJ;V U VDY				
3ULHQĐ U VDY				
5DGYLOLāNLR U VDY				
5DVHLQLĐ U VDY				
5LHWDYR VDY				
5RNLāNLR U VDY				
6NXRGR U VDY				
7DXUDJ;V U VDY				
7HOāLĐ U VDY				
7UDNĐ U VDY				
8NPHUJ;V U VDY				
8WHQRV U VDY				
9DU;QRV U VDY				
9LONDYLāNLR U VDY				
9LOQLDXV P VDY				
9LOQLDXV U VDY				
=DUDVĐ U VDY				
âDNLĐ U VDY				
âDOPLQLQNĐ U VDY				
âLDXOLĐ P VDY				
âLDXOLĐ U VDY				
âLODO;V U VDY				
âLOXW;V U VDY				
âLUYQLQWĐ U VDY				
âYHQpLRQLĐ U VDY				
,ā YLVR				

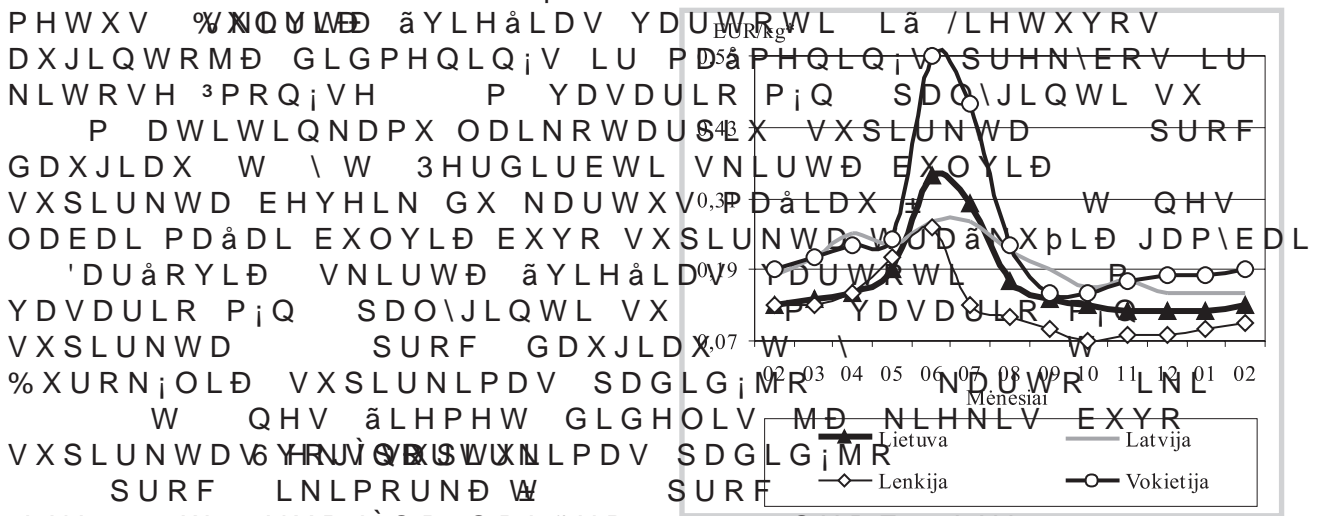
âDOWLQLV äĒ,.9& 3\$,6 ± 3LHQR DSVNDLWR

3LHQR LU SLHQR JDPLQLĐ ULQNRV VHNWRULD XV LQIRUPDFLM SDUHQJ; 3
(.UDVXFNLHQ; WHO



% XOYĻÐ GDUĀRYĻÐ LU YDLVLÐ ULQN

P YDVDULR P_iQ /LHWXYRVAKIOYGDYĀR XWVQ_iV NDLQRV *augintoju*
VXSLUNLPDV EXYR WUHþGDOLX GLGHOLV VQHLÐ SWHLFĀVH ±



LNL W VYRJĪQÐ ODLĀND ± NDLQRVĀVLHQLVYDOVWĒiVH (85 SDWHLN
VEDOWDJĀLDL NRSĪVWÐ ± (&% YDURVNXLNL

W 7DÐOBWÐ VXSLUNWD NDUWR
PDĀLDX NLQWQLÐ NRSĪVWÐ

PDĀLDX W 5DXGRQJĀLDL NRSĪVWÐ SURF LU VXGDUi W
SLUNLPDV NLWR QHĀ\PLDL ± SURF LU VXGDUi

W ĀLHPHW DQNVQLDXSDVIDĪGXV 3HUGLUELP R³PRQ_iVH P Y
DJXUND GHUOLXL YDVDULR P_iQ SDO\JLQWL VX P GÐÐBYLÐ

W
3LHYDJUVNLWÐ ĀYLHĀEXV YDUWRWĪ
YDVDULR P_iQ SDO\JLQWL VX WRUND EXSRUNWD SURF

ODLNRWDUSLX VXSLUNLPDV VXPÐĀiMR WRUND EXSRUNWD SURF
W
2EXROLD VNLUWÐ ĀYLHĀLXV YDUWRWL QDJULQ_iMDPX

W
2EXROLD VNLUWÐ ĀYLHĀLXV YDUWRWL QDJULQ_iMDPX
āDOVĀEQ19& āĒ035,6

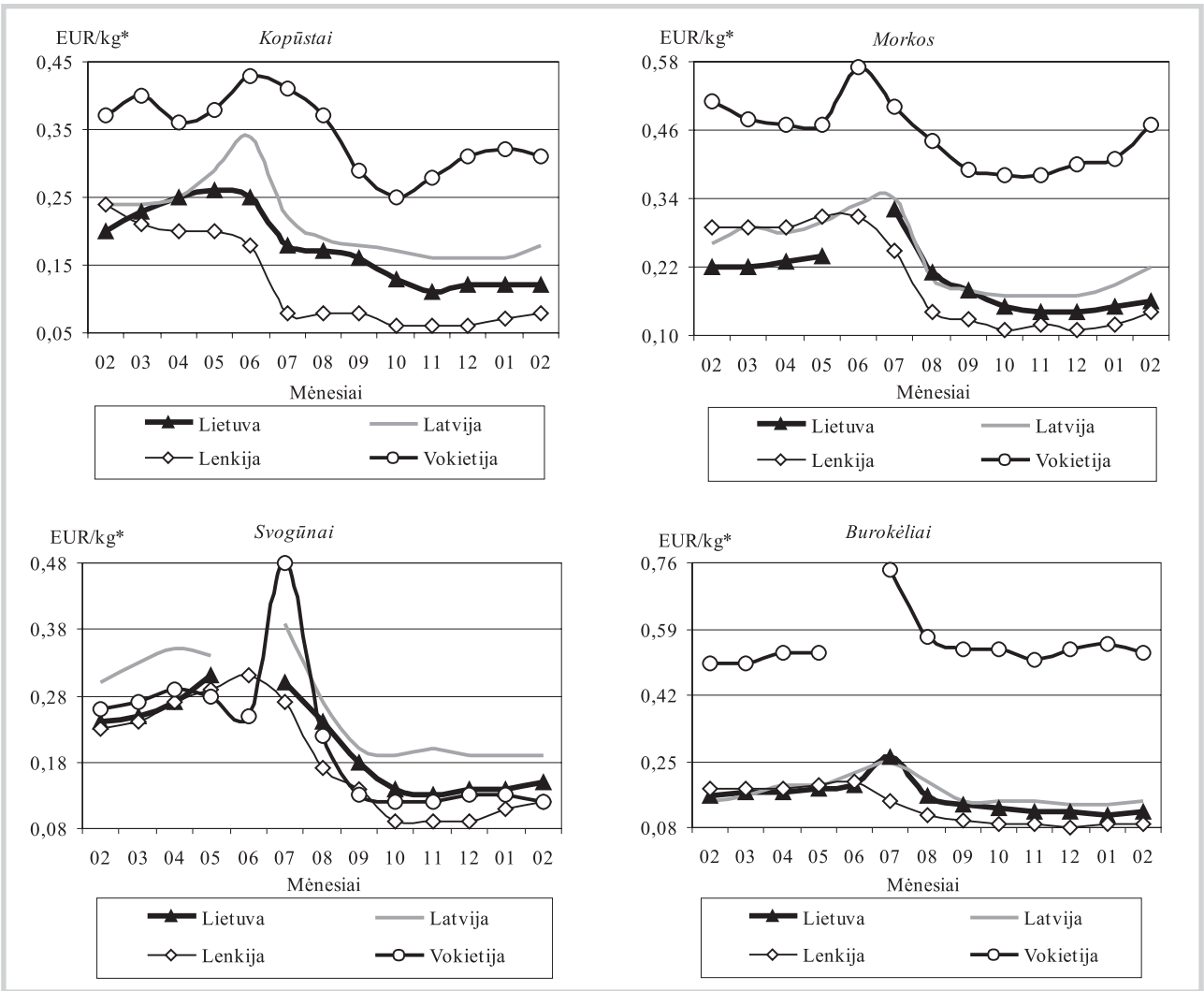
% XOYĻÐ GDUĀRYĻÐ LU REXROLD YLGXWLQ_iV SDUGDYLP R NDLQRV /L
(85 NJ EH 390

3URGXNFLMD	3RN\WLV							
	VDY ±	'DWDDY ±	VDY ±	VDY ±	VDYDLW _i VPHWÐ			
	PLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNV
% XOY _i V								
0RUNRV QHSODXWRV								
0RUNRV SODXWRV								
0RUNRV VNXVWRV								
% DOWDJĀLDL NRSĪVWDL								
5DXGRQJĀLDL NRSĪVWDL								
% XURNĪOLDL								
6YRJĪQDL								
-XRGLHML ULGLNDL								
6YRJĪQÐ ODLĀNDL								
6DORWRV YQW								
3ULHVNRQLQ _i V āROHO _i V YQW								
,OJDYDLVLDL DJXUNDL								
7UXPSDYDLVLDL DJXUNDL								
5DXJLQWL NRSĪVWDL								
5DXJLQWL DJXUNDL								
2EXROLDL								

EXOYĻÐ LU GDUĀRYĻÐ NDLQÐ VNLUWXP OHPLD NRN\ē; SUHNLQLV SDUXRĀLPDV SDWHLN
O\JLQDQW P VDYDLW VX VDYDLWH
O\JLQDQW P VDYDLW VX P VDYDLWH āDOWLQLV āĒ,.9& āĒ035,



'DUāRYLĢ YLGXWLQjV NDLQRV augintojū /LHWXYRMH LU NLWRVH



NDLQRV XāVLHQLR YDOVW\ējVH (85 SDWHLNWRVāBOWDQLDWLWĒQNDPĒ0GDWRV96% ¥6

(6 āDOLĢ REXROLĢ DWVDUJR V W

						3RN\WLV	5HDOLJXRWD	SHU PjQ
\$XVWULMD	āWLULMD							
%HOJLMD								
ýHNLMD								
'DQLMD								
3UDQFìjLMD								
9RNLHWLMD								
,WDOLMD								
/HQNLM								
,VSDQLMD	.DWDORQLMD							
āYHLFDULMD								
2ODQGLMD								
-XQJWLQj .DUDO\Wj						****		
,ā YLVR								

* O\JLQDQW VX āDOWLQLV :\$3\$
 UHDOLJXRWD P VDXVLR PjQ
 UHDOLJXRWD P VDXVLR PjQ
 -XQJWLQj .DUDO\Wj QXR ± JPD WINDRQRDWRIRP HWVGN DWRCjD QHJDOLPD VNDL



%XOYLÐ LU GDUåRYLÐ VXSLUNLPR Lã /LHWXYRV DXJLQWRMÐ SHUGL

3URGXNFLMD	YDVDULV JUXRGLV VDXVLV	YDVDULV P;QHVLR PHWÐ
%XOY;V		
%DOWDJiãLDL NRSiVWDL		
ORUNRV		
%XURN;OLDL		
6YRJiQDL		

O\JLQDQW P YDVDULR P;Q VX VDXVLR P;Q åDOWLQLV äË,.9& äË035,
O\JLQDQW P YDVDULR P;Q VX P YDVDULR P;Q

%XOYLÐ GDUåRYLÐ SLHYDJU\ELÐ LU REXROLÐ VXSLUNLPR Lã /LHW
(85 NJ EH 390

3URGXNFLMD	0DåPHQLQiV GPHQLQiV WVRVH 3PRQiVH 3PRQiVH	9LGXWLQiV NDLQD YLVRVH 3PRQiVH	9LGXWLQiV NDLQR YLVRVH 3PRQiVH
%XOY;V			
%DOWDJiãLDL NRSiVWDL			
5DXGRQJiãLDL NRSiVWDL			
ORUNRV			
%XURN;OLDL			
6YRJiQDL			
6YRJiQÐ ODLãNDL			
6DORWRV			
3LHYDJU\ELDL			
2EXROLDL			

O\JLQDQW P YDVDULR P;Q VX VDXVLR P;Q åDOWLQLV äË,.9& äË035,
O\JLQDQW P YDVDULR P;Q VX P YDVDULR P;Q

• ± NRQiGHQFLDOI V GXRPHQiV									
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%XOYLÐ GDUåRYLÐ LU YDLVLÐ NDLQRV /HQNLMRV GLGPHQLQiV SUHN\

'DUåRY;V YDLVLDL	'DWD	PLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNV	3RN\WLV
%XOY;V								
ORUNRV								
%XURN;OLDL								
6YRJiQDL								
5DXGRQLHML VYRJiQDL								
%DOWDJiãLDL NRSiVWDL								
5DXGRQJiãLDL NRSiVWDL								
.LQLQLDL NRSiVWDL								
6DYRMRV NRSiVWDL								
6DOLHUDL								
åDNQLQiV SHWUDåRO;V								
3RUDL								
7UXPSDYDLVLDL DJXUNDL								
,OJDYDLVLDL DJXUNDL								
'HVHUWLQDL REXROLÐ	*DOD PP *ROGHQ PP BQDJRUHG PP /LJRO PP åDPSLRQ PP							

± DXJLQWRMÐ SUHN\ELQLQÐ YLGXWLQi NDLQD 3YDLULXR VH /HQNLMRV GLGPHQLQiV SUHN\
O\JLQDQW VX
NRQWUROLXRMDPRV DWPRVIHURV åDOG\PR NDPHURVH ODLNRPÐ GHVHUWLQLÐ REXROL

%XOYLÐ GDUåRYLÐ LU YDLVLÐ VHNWRULD XV LQIRUPDFL



'HJDOÐ NDLQRV NLWR 3 YDYLW VXD LMR SURF /HQNLMRMH ± SU
 PiQ GLGPHQLQ;V GHJDOÐ LãVNSURV DXWRPRELOÐ DQDOL]XRMDP
 GXMÐ NDLQRV PDãMR 8\$% ÅQDXUEGDR 8\$% SURF EUDQJHVQL
 Å6NXODV³ 8\$% Å7RPHJD³ 'LGPHQLQ; G\]HOLQR
 NDLQD DQDOL]XRMDPX ODLNRWDUSLX VXPdãMR
 G\]HOLQR åHP;V ÌNLXL ± SURF 'HJDOÐ NDLQRV (GLGPHQLQ;V NLWÐ äDOL
 SURF EHQJLQR \$ ± SURF R DXWRPRELOÐ (85 O
 GXMÐ ± SDGLG;MR SURF P NRYR P;Q QDIWRV VXD LMR SURF
 SDO\JLQWL VX P DWLW VDYDLW VXD LMR SURF
 GLGPHQLQ; G\]HOLQR NDLQD
 G\]HOLQR åHP;V ÌNLXL ± SU äDOLV VDY VDY SRN VDY VDY SRN
 0DãPHQLQ;V GHJDOÐ NDLQ
 PiQ 8\$% Å/XNRLO /LHWXYD³ 8\$% Å1HVVH /LHWXYD³ 8\$% Å% DOWLF
 5HWDLO /LHWXYD³ 8\$% Å1HVVH /LHWXYD³ 8\$% Å% DOWLF
 3HWUROHXP³ \$% Å9HQWXV 1DLWDL NLRW ³YDLULDL
 0DãPHQLQ; EHQJLQR \$ NDLQD DQDOL]XRMDPX
 ODLNRWDUSLX VXPdãMR SURF G\]HOLQR ±
 G\]HOLQR åHP;V ÌNLXL ± SDGLG;MR SURF R
 DXWRPRELOÐ GXMÐ ± QHSDVLRNLRW 3DOWLFV VXD
 DWLWLQNDPX ODLNRWDUSLX PDãPHQLQ; G\]HOLQR NDLQD
 SDGLG;MR SURF R G\]HOLQR åHP;V ÌNLXL ±
 SURF yHNLMD
 P NRYR PiQ QDIWRV NDLQD 1LXMRUNR
 ELUåRMH VXPdãMR SURF 'LGãRMH /LHWXYD³
 1LXMRUNR ELUåRMH åYLHVL MD QDIWRV EXYR SUHNLDXMDPD
 SR 86' (85 R PiQHVL R SFDLJRMH
 NDLQD VXPdãMR LNL 86',VSDQLM (85 Xã
 EDUHO³ ,VDOLMD
 7DUSWDXWLQ;V NHOLÐ WUDQVSRUWR V MXQJRV
 GXRPHQLPLV P NRYR P;Q SDEDLJRMH
 EHQJLQDV \$ NDLP\QLQ;VH äDOLVH EXYR SLJHVQLV
 %DOWDUXVLMRMH ± SURF R VVLMRMH ± SURF
 /HQNLMR SURF /DWYLMRMH ± SURF (VWLMRMH
 ± SURF '\]HOLQDV DQDOL]XRMDPX ODLNRWDUSLX WDL
 SDW EXYR SLJHVQL SURVLMRDLV
 /LXNVHPEXUJDV

'\]HOLQR LU G\]HOLQR åHP;V ÌNLXL NDLQRV
 /LHWXYD³ (85 O
 G\]HOLQR åHP;V ÌNLXL

'DWD	GLGPHQLQ;	PDãPHQLQ;	GLGPHQLQ;	PDãPHQLQ;	1\GHUODQGDL
VDY	±				3HUX
VDY	±				3RUWXJDOLMD
VDY	±				3UDQF;LMD
VDY	±				5XPXQLMD
VDY	±				5XVLM
VDY	±				6HUELMD
VDY	±				6ORYDNLMD
VDY	±				6ORY;QLMD
VDY	±				6XRPLMD
VDY	±				åYHGLMD
VDY	±				åYHLFDULMD
VDY	±				7XUNLMD
VDY	±				8NUDLQD
/DLNRWDUSLR SRN\WLV					8UXJYDMXV
0HWÐ SRN\WLV					9HQJULMD
					9RNLHVLMD

O\JLQDQW P VDYDLW VX VDYDLW O\JLQDQW P VDYDLW VX VDY
 O\JLQDQW P VDYDLW VX P VDYDLW
 äDOWLQLV äË,.9& äË035,6 äDOWDUSWDXWLQ; NHOLÐ WUDQV
 7HFKQLNRV ULQNRV VHNWRULD XV LQIRUPDFLM SDUH



ODLVWR SURGXNWÐ PDåPHQLQ; ULQND

äHP;V ÌNLR LU PDLVWR SURGXNWÐ YLGXWLQ;V NDLQRV /LHWXYR
± P NRYR P;Q SUDGåLRMH (85 PDW YQW

3URGXNWDV		0DWDYLPR	3RN\WLV
		YLVHQLM\WV\WV\DNRY\WV\YQHV\LRHWÐ	
*HULDPDVLV	SLHQDV ULHEXP	WHWUDSDNDV	O
QHDSGRURW	DV 8\$ ULHEXP	SODVWLNLQLV	PDLåHOLV
*HULDPDVLV	SLHQDV ULHEXP	WHWUDSDNDV	O
DSGRURWDV	8\$ ULHEXP	SODVWLNLQLV	PDLåHOLV
.HI\UDV	ULHEXP	WHWUDSDNDV	NJ
*ULHWLQ;	ULHEXP ± J SDNXRW;M	SODVWLNLQLV	PDLåHOLV
9DUån;V V;ULV	ULHEXP		NJ
6YLHVWDV	ULHEXP		NJ
7HSXV ULHEDOÐ	ULHEXP		NJ
9DUån;	ULHEXP ± J SDNXRW;M		NJ
)HUPHQWLQL	OLHVD		NJ
.LDXOLHQD	*RXGD DLV;ULDL		NJ
9LåWLHQD	NXPSLV EH NDXOR		NJ
9LåWÐ NLDXå	åRQLQ; EH NDXOR		NJ
6LON;	NHWYLUPLDL		NJ
-;UD O\GHND	EURLOHULV		NJ
0HQN;V ;O;	/ NDWHJRULMRV		YQW
.YLHWLQLDL	0 NDWHJRULMRV		YQW
'XRQD	QHLåGDULQ;WD VX JDOYRP		V;G\WD
5\åLDL	;O; V;ULPH		NJ
*ULNLÐ NUXRSRV	VXåDOG\WD EH JDOYRV		NJ
0DQÐ NUXRSRV	VXåDOG\WD		NJ
0DNDURQDL			NJ
&XNUXV			NJ
%XOY;V	HNVUD U;åLHV SDNXRW;MH		NJ
%XURN;OLDL	PLWDL NJ SDNXRW;MH		NJ
0RUNRV	DXNåPLDXVLR NJ SDNXRW;MH		NJ
%DOWDJ;åLD	MXRGD		NJ
\$JXUNDL	EDOWD		NJ
3RPLGRUDL	EDWRQDV		NJ
6YRJ;QDL	DSGRURWL JDUDLV		NJ
yHVQDNDL			NJ
2EXROLDL			NJ
*HULDPDV YDQ;XRV			NJ
\$OLHM XV			NJ
0HG XV			NJ
'UXVND			NJ

OHQWHO;V W VLQ\V



SVO OHQWHOjV W VLQIV

0DLVWR SURGXNWÐ DSUDäDV JHULDPDVLV SLHQDV ± EH SULHGÐ NYDSQLÐMÐ PHGåLDJ...
SODVWLNQLDPH LQGHOMH VYLHVWDV ± ODPLQXRWDPH SRSLHULXMH WHSXV ULHEDOE...
VLQWHWLQLÐ LU QDWIUDOLÐMÐ NYDSLÐMÐ PHGåLDJÐ GDåLNOLÐ ± J SODVWLNQLD...
ULHNHQjPLV SODVWLNQLDPH PDLåHO\MH DUED QHIDVXRWL NLDXOLHQD ± åYLHåLD DW...
SODVWLNQLDPH PDLåHO\MH DUED LQGHOMH EURLOHULV ± YLåPLXNDV DUED YLåPLXND...
UXGL SRSLHULQjVH DUED SODVWLNQLQjVH GiåXWjVH VLONj ± QHIDVXRWD MIUÐ O\GHND...
PLOWDL ± SRSLHULQLDPH PDLåHO\MH GXRQD EDWRQDV ± EH VSHFLDOLÐ SULHGÐ GåL...
U\åLDL DSGRURWL JDUDLV ± SODVWLNQLDPH PDLåHO\MH DUED QHIDVXRWL NLDXOLHQD...
NUXRSRV ± J SODVWLNQLDPH PDLåHO\MH PDNDURQDL ± VSDJHPLDL SRQLHML LU...
DUED SRSLHULQLDPH PDLåHO\MH EXOYjV PRUNRV EDOWDJiåLDL NRSIVWDL EXURNjOL...
± QHIDVXRWL REXROLDL ± EHW NRNLRV YHLVOjV IDVXRWL DUED QHIDVXRWL JHULDPD...
EXWHO\MH GUXVND ± SODVWLNQLQjMH DU SRSLHULQjMH SDNXRWjMH
3DVWDERV NDLQRV NDLPR YLHWRYLÐ SDUGXRWXYjVH UHJLVWUXRMDPRV LNL NLHNYLHQ...
QHGDQGRMDPRV DNFLMLQjV NDLQÐ YHUWjV

åDOWLQLV äË,.9& äË035,

åHPjV ÌNLR LU PDLVWR SURGXNWÐ YLGXWLQjV NDLQRV /LHV
± P NRYR PjQ SUDGåLRMH (85 PDW YQW

Table with columns: 3URGXNWDV, ODWDYLPR, 3RN\WLV. Rows include codes like *HULDPDVLV, *ULHWLQj, 6YLHVWDV, etc.

0DLVWR SURGXNWÐ DSUDäDV JHULDPDVLV SLHQDV ± SLOVWRPDV DUED SODVWLNQLDPH
YDUånj YDUånjV VILUV ± IDVXRWLQDQV ± QHIDVXRWLQDQV ± QHIDVXRWLQDQV ± QHIDVXRWLQDQV
åYLHåLD DWYjVLQWD VYHULDPD QHIDVXRWD YHUåLHQD ± åYLHåLD DWYjVLQWD VYHUL
± åYLHåLD DWYjVLQWD QHIDVXRWD NLDXåLQLDL ± UXGL QHåHQNOLQWL QHUHJLVWUXR
O\GHND ± VXåDOG\WD QHIDVXRWD PHQNjV çOj ± VXåDOG\WD QHIDVXRWD DWODQWR OD
åYLHåLDV DWåDOG\WDV QHIDVXRWDV PHQNj ± åYLHåLD DWåDOG\WD QHIDVXRWD VWU
VWLQWD ± åYLHåLD DWåDOG\WD QHIDVXRWD PHGXV ± SODVWLNQLDPH DUED VLNOL
WUXPSDYDLVLDL LU LOJDYDLVLDL DJXUNDL SRPLGRUDL VYRJiQDL þHVQDNDL ± QHIDVXR
3DVWDERV NDLQRV WXUJDYLHWjVH UHJLVWUXRMDPRV LNL HLQDPRMR PjQHVLR G WX
åDOWLQLV äË,.9& äË035,



äHPiV İNLR LU PDLVWR SURGXNWÐ YLGXWLQjV NDLQRV /LHWX
± P NRYR PjQ SUDGåLRMH (85 PDW YQW

3URGXNWDV		0DWDYLPR	YLDVVDULRY		3RN\WLV
		YLHQHWRV	DPj	QHV	PRWÐ
*HULDPDVLV	NDUYiV QDWiUDODXV ULHEXP	åYLNåLDV			
	RåNRV QDWiUDODXV ULHEXP	åYLNåLDV			
*ULHWLQj	QDWiUDODXV ULHEXP	NJ			
6YLVHVDV	EH DXJDOLQjV NLOPjV ULHED	DD			
9DUånj	QDWiUDODXV ULHEXP	NJ			
9DUånjV Vi	NDUYiV SLHQR QDWiUDODXV	ULHEXP			
.LDXOLHQD	UIN\WL ODåLQLDL	NJ			
	NXPSLV EH NDXOR	NJ			
	VSUDQGLQj EH NDXOR	NJ			
	QXJDULQj EH NDXOR	NJ			
9LåWLHQD	LåGDULQjWD QHSDGDOLQWD	NJ	DED	OXV	
.DODNXWLH	NDIWLQjOj	NJ			
9LåWÐ NLD	XåGLDQåHQNOLQWL QH	UHJLVWUXRWÐ	YLåWÐ	DXJLQWRMÐ	
0HGXV	QDWiUDOXV	NJ			
'XRQD	MXRGD EH SULHGÐ	NJ			
	EDOWD EH SULHGÐ	NJ			
%XOYjV	YLGXWLQLR G\GåLR	NJ			
0RUNRV	QHSODXWRV QHIDVXRWRV	NJ			
.RSiVWDL	EDOWDJiåLDL	NJ			
	EDOWDJiåLDL UDXJLQWL	NJ			
%XURNjOLD	MLGXWLQLR G\GåLR	NJ			
6YRJiQDL		NJ			
2EXROLDL		NJ			

0DLVWR SURGXNWÐ DSUDåDV JHULDPDVLV SLHQDV ± SLOVWRPDV DUED SODVWNLQLD
QHIDVXRWDV YDUånj YDUånjV ViULV ± IDVXRWD DUED QHIDVXRWD VDLHåLDWV VDDåQLVDD ±
QHIDVXRWD YLåWÐ DQWL ± åYLNåLD DWåDOGIWD QHIDVXRWD WULXåLHQD ± åYLNåL
PHGXV ± SODVWNLQLDPH DUED VWLNOLQLDPH PIRUNROåMIDGXVQåLDLV NRSiLDWDL QHJåUX
bHVQDNDL ± QHIDVXRWL REXROLDL ± EHW NRNLRV YHLVOjV QHIDVXRWL
3DVWDERV NDLQRV WXUJDYLHWjVH UHJLVWUXRMDPRV LNL HLQDPRMR PjQHVLR G WX
NDLQRV EXYR UHJLVWUXRWRV 9LOQLDXV .DXQR .ODLSjGRV 3DQHYiåLR LU 0DULMDPSRO
åDOWLQLV åË,.9& åË035,

ËNLQLÐ J\YiQÐ LU MDYÐ YLGXWLQjV NDLQRV /LHWXYRMH ± P

3URGXNWDV		0DWDYLPR	YLDVVDULRY		3RN\WLV
		YLHQHWRV	DPj	QHV	PRWÐ
*DOYLMDL	SULHDXJOLV LNL LPWLQDLYRjV				
	WHO\pLRV QXR PjQ LNL DSVLYåWUåLDYLPR				
	NDUYiV QXR PjQ EHQW NDUYWDSVLYHUåLDYXVLRV				
3DUåHOLDL	LNL PjQ	YQW			
.LDXOjV	QXR PjQ	YQW			
2åLDL		YQW			
2åNRV	RåNLQJRV RåNDYHGjV	YQW			
	RåNÐ SULHDXJOLV ± PjQ	YQW			
\$YLQDL		YQW			
\$Y\V	jULQJRV jULDYHGjV	YQW			
ULXNDL	DYLÐ SULHDXJOLV ± PjQ	YQW			
7ULXåLDL	± PjQ	YQW			
	± PjQ	YQW			
9LåWRV LU	QåRGåPQ	YQW			
9LåWÐ MDX	RiNLOLD YHLVOjV YLHQDGLHYQWL				
.YLHþLDL		NJ			
0LHåLDL	PDLVWLQLDL DUED SDåDULQLDL ± NJ PDLåXRVH				
\$YLåRV		NJ			

3DVWDERV NDLQRV WXUJDYLHWjVH UHJLVWUXRMDPRV LNL HLQDPRMR PjQHVLR G WX
OJLQDQW P NRYR PjQ VX P YDVDULR PjQ
OJLQDQW P NRYR PjQ VX P NRYR PjQ åDOWLQLV åË,.9& åË035,



0DLVWR SURGXNWD NDLQRV /LHWXYRV PD&PHQLQ;V SUHN\ERV

3URGXNWDV			0DWDYLPR	9LGXWLQ; VYHUWLQ;	NDBD\W&V PDW	VDYDLPW;W
			YQW			
	SDVWHULJXRWDV	ULHEXP	WHWUDSDNDV	EH DNFLM		
	EH SULHG		SODVWLNQLV	DNFLQ;		
*HULD	DMYDSLDM		PDLâHOLV	EH DNFLM		
SLHQDV	PHGâLDJ		WHWUDSDNDV	DNFLQ;		
	&D YLWDPLQ	ULHEXP	SODVWLNQLV	EH DNFLM		
	LU SDQ		PDLâHOLV	DNFLQ;		
.HI\UDV		ULHEXP	SODVWLNQLV	EH DNFLM		
			PDLâHOLV	DNFLQ;		
			WHWUDSDNDV	DNFLQ;		
*ULHWLQ;		ULHEXP	J	EH DNFLM		
			SROLVLUHQ	DNFLQ;		
		ULHEXP	LQGHOLV	EH DNFLM		
9DUân;	EH SULHG		PRVXRWD	EH DNFLM		
	VâURYLQW	ULHEXP		DNFLQ;		
	YDLVL	LU NW				
-RjXUW	DDWIUDV	LâVN\UXV	JHULD	EH DNFLM		
	DU GLHWL		SROLVLUHQ	DNFLQ;		
			LQGHOLV			
6YLHVW	ULHEXP		J SDNXRW	EH DNFLM		
				DNFLQ;		
7HSXV	ULHEDD		J SDNXRW	EH DNFLM		
PLâLQV	DXJDOLQLD	ULHEDD		DNFLQ;		
9DUân;		ULHEXP	NJ	EH DNFLM		
	EH SULHG		± J	DNFLQ;		
	OLHVD		SDNXRW;	EH DNFLM		
				DNFLQ;		
)HUPHQ	*RXGD	QHVXSMDXVW\WDV		EH DNFLM		
VIULV	ULHNHO;PLV			DNFLQ;		
	WLVWV	QHVXSMDXVW\WDV	JHULD	EH DNFLM		
	ULHNHO;PLV		QHVXSMDXVW\WDV	DNFLQ;		
	7LOV	QHVXSMDXVW\WDV	ULHNHO;PLV	EH DNFLM		
				DNFLQ;		
.LDXOLH	âYLHâLD	NXPSLV VX NDXOX	NJ	EH DNFLM		
	DWâDOG\WD	NXPSLV EH NDXOR	NJ	EH DNFLM		
		SUDQGLOQHIDVXRWD	NJ	EH DNFLM		
				DNFLQ;		
		QXJDULQ;	NJ	EH DNFLM		
				DNFLQ;		
*DOYLM	âYLHâLD	NXPSLV VX NDXOX	NJ	EH DNFLM		
	DWâDOG\WD	NXPSLV EH NDXOR	NJ	EH DNFLM		
		QXJDULQ;	NJ	EH DNFLM		
				DNFLQ;		
'HâUD	NLDXOLH	QHVXSMDXVW\WDV	JHULD	EH DNFLM		
	LU DUE		SDNXRW;	DNFLQ;		
	MDXWLH	QHVXSMDXVW\WDV		EH DNFLM		
	DXNâPLDXVLRV		IDVXRWD	DNFLQ;		
	UIâLHV	NDUâWR UIN\PR		EH DNFLM		
				DNFLQ;		
9LâWLHQ	DWY;VLQWL		SODVWLNQLV	EH DNFLM		
NHWYLU	PLDL		PDLâHOLV	DNFLQ;		
	VXâDOG\WL		QHVXSMDXVW\WDV	EH DNFLM		
			PDLâHOLV	DNFLQ;		
9LâPLXND	DWY;VLQWDV	QH	SODVWLNQLV	EH DNFLM		
DU YLâPLXNDV			PDLâHOLV	DNFLQ;		
EURLOHULV	VXâDOG\WDV	QH	SODVWLNQLV	EH DNFLM		
			PDLâHOLV	DNFLQ;		
9LâWLHQ	âYLHâLD		IDVXRWD	EH DNFLM		
NUIWLQ;oi			QHVXSMDXVW\WDV	DNFLQ;		
.DODNXWLHQ	âYLHâLD		IDVXRWD	EH DNFLM		
NUIWLQ;oi			QHVXSMDXVW\WDV	DNFLQ;		
1DUYXR	NDWHJRULMD		IDVXRWD	EH DNFLM		
ODLNRPD	YLâW			DNFLQ;		
NLDXâLQ	NDWHJRULMD		IDVXRWD	EH DNFLM		
				DNFLQ;		

OHQWHO;V W VLQV



SVO OHQWHOjV W VLQ\V

3URGXNWDV		ODWDYLP YQW	9LGXWLQ; VYHUWLQ; NDBBQ\WBS	PDW Y
-iULQ; X	SODVWLNQLV	NJ	EH DNFLMØ	
0HQNiV X	SODVWLNQLV	NJ	EH DNFLMØ	
\$WODQW	QHIDVXRWDNJ		EH DNFLMØ	
.DUSLV J	QHIDVXRWDNJ		EH DNFLMØ	
3OHNäQ	QHIDVXRWDNJ		EH DNFLMØ	
6WULPH	QHIDVXRWDNJ		EH DNFLMØ	
6iG\WD	QHIDVXRWDNJ		EH DNFLMØ	
6LONiV	QHIDVXRWDNJ		EH DNFLMØ	
-iULQLV	QHIDVXRWDNJ		EH DNFLMØ	
6NXPEU	QHIDVXRWDNJ		EH DNFLMØ	
äXYÐ	VNDUGLQ; GiäXWi		EH DNFLMØ	
NRQVHU	OHQJYDL		DNFLQ; EH DNFLMØ	
DOLHM	DWLGDURPD		EH DNFLMØ	
	VNDUGLQ; J GiäXWi		DNFLQ; EH DNFLMØ	
	NJ SRSLHULQ; SDNXRWi		EH DNFLMØ	
.YLHWL	NJ SRSLHULQ; SDNXRWi		EH DNFLMØ	
PLowDL	NJ SRSLHULQ; SDNXRWi		EH DNFLMØ	
	NJ SRSLHULQ; SDNXRWi		EH DNFLMØ	
'XRQD	MXRGD EDOWD EDWRQD	EH VSHFLDOLP SULHGD YLQWÐ	NJ EH DNFLMØ	
5\äLDL	EH VSHFLDOLP SULHGD	SODVWLNQLV SDNXRWi	EH DNFLMØ	
0DNDUR	QDSDJHPLDL J	SODVWLNQLV SDNXRWi	EH DNFLMØ	
*ULNLÐ	QHVNDOGiW	J SRSLHULQ; DUEÐ	EH DNFLMØ	
NUXRSRV	SODVWLNQLV SDNXRWi		DNFLQ; EH DNFLMØ	
0DQÐ	NUXRSRV	J SRSLHULQ; DUEÐ	EH DNFLMØ	
&XNUXV		NJ	EH DNFLMØ	
'UXVND	MRGXRW	SRSLHULQ; DUEÐ	DNFLQ; EH DNFLMØ	
	EH SULHGÐ	SDNXRWi NJ	DNFLQ; EH DNFLMØ	
0HGxV	QDWiUDOL	SODVWLNQLV LQGHOM	EH DNFLMØ	
%XOY;V	OLHWXYLäNRV	IDVXRWD NJ	EH DNFLMØ	
	QDVMRMR GHUOLDXV	QHIDVXRWDNJ	EH DNFLMØ	
	QDFLRQDOLQ;V	IDVXRWD NJ	EH DNFLMØ	
0RUNRV	OLHWXYLäNRV	QHIDVXRWDNJ	EH DNFLMØ	
	LPSRUWXRWRV	IDVXRWD NJ	EH DNFLMØ	
	QDFLRQDOLQ;V	IDVXRWD NJ	EH DNFLMØ	
	OLHWXYLäNL	NJ	EH DNFLMØ	
.RSiVWD	LPSRUWXRWL	QDXMRMR GHUOLDXV	EH DNFLMØ	
	UDXJLQWL	IDVXRWD ³ SODVWLNQLV SDNXRW	EH DNFLMØ	

OHQWHOjV W VLQ\V

3URGXNWDV			ODWDY LPR YQW	9LQXWLQj VYHUWLQj	NDBD\W85 PDW Y	VDYDLPWjWÐ
7UXPS DLHWXYLäNL			NJ	EH DNFLMÐ		
YDLVLDL				DNFLQj		
DJXUNDES RUWXRWL			NJ	EH DNFLMÐ		
				DNFLQj		
,OJDYDL HWXYLäNL	,, NODQHV DVXRWD			EH DNFLMÐ		
DJXUNDL				DNFLQj		
LPSRUWXRWL			NJ	EH DNFLMÐ		
				DNFLQj		
3RPLG DESRUWXRWL			NJ	EH DNFLMÐ		
				DNFLQj		
3DSULNWXGRQRVLRV,, LPSRUWXRWD				EH DNFLMÐ		
6YRJiQDL HWXYLäNL	,, NODQHV DVXRWD			EH DNFLMÐ		
JHOWRQDLHW				DNFLQj		
LPSRUWXRWL			NJ	EH DNFLMÐ		
				DNFLQj		
QDFLRQDOLQjV NRNVjXRWD				EH DNFLMÐ		
	,, NODQHV DVXRWD			EH DNFLMÐ		
%XURNjOLDL		IDVXRWD 3				
DLHWXYLäNL	YLUWLYDNXXPLQNJ	SDNXRW		EH DNFLMÐ		
ýHVQDNDES RUWXRWL		IDVXRWD NJ		EH DNFLMÐ		
		QHIDVXRWD		EH DNFLMÐ		
2EXROLDL	,, NODQHV DVXRWD			EH DNFLMÐ		
*ROGHQ			NJ	DNFLQj		
				EH DNFLMÐ		
Bananai		QHIDVXRWD		EH DNFLMÐ		
				DNFLQj		
*HULD PDVLV	QHJDjXRWDV EH SULHGÐ			EH DNFLMÐ		
YDQGXR				DNFLQj		
0DLVWLDLV		SODVWLNLO		EH DNFLMÐ		
DOLHMXY		EXWHOLV		DNFLQj		
VDXOjJU äÐ				EH DNFLMÐ		
				DNFLQj		

.DLQRV UHJLVWUXRMDPRV 9LOQLDXV .DXQR .ODLSjGRV 3DQHYjâLR âLDXOLÐ \$O\WDXV
 SUHNIERV FHQWUXRVH
 OjJLQDQW VX OjJLQDQW VX âDOWLQLV äË,.9& äË035,
 0DLVWR SURGXNWÐ PDâPHQLQjV ULQSNRSDR BANNRYLjDjXQjLQURU P5DFLOMLHSQjUWQjQj

âDOWLQLÐ VXWUXPSLQLPDL

\$0\$ ± \$JUDUPDUNW \$XVWULD \$XVWULMD
 \$0, ± \$JUDUPDUNW ,QIRUPDWLRQV 9RNLHWLMD
 (. ± (XURSRV .RPLVMD
 (. ± (HVWL .RQM XQNWXULLQVWLWXXW (VWLMD
 (85267\$7 ± 7KH 6WDWLWVLFDO2i¿FH RI WKH (XURSHDQ &RPPXQLWLHV
 ,* & ± ,QWHUQDWLRQDO *UDLQV &RXQFLO ' %ULWDQLMD
 /'\$ \$ ± /LHWXYRV GDUâRYLÐ DXJLQWRMÐ DVRFLDFLMD
 /9\$(, ± /DWYLM DV 9DOVWV \$JUDUDV (NRQRPLNDV ,QVWLWXWV /DWYI
 /äË.7 ± /LHWXYRV âHPjV ÌNLR NRQVXOWDYLRP WDUQIÐ
 /äË0355\$ ± /LHWXYRV âHPjV ÌNLR LU PDLVWR SURGXNWÐ ULQNRV UHJXO
 10\$ ± 1DFLRQDOLQj PRNjMLPR DJHQWjUD
 1ä7 ± 1DFLRQDOLQj âHPjV WDUQIÐ
 6'\$,6 ± 6XSLUNjMÐ GXRPHQÐ DSGRURMLPR LQIRUPDFLQjV VLVWHPRV
 67' ± /LHWXYRV 6WDWLWVNLNRV GHSDUWDPHQWDV
 9097 ± 9DOVW\ELQj PDLVWR LU YHWULQDULMRV WDUQIÐ
 =65,5 ± =LQWHJURZDQ\ 6\WHP 5ROQLFjHM ,QIRUPDFML 5\QNRZHM /H
 äË,.9& ± 9² äHPjV ÌNLR LQIRUPDFLMRV LU NDLPYHUVOR FHQWUDV
 äË0 ± /LHWXYRV 5HVSXEOLNRV âHPjV ÌNLR PLQLVWHULMD
 äË035,6 ± /LHWXYRV âHPjV ÌNLR LU PDLVWR SURGXNWÐ ULQNRV LQIRUP
 äË5 ± äHPjV ÌNLR UjPDL
 86'\$ ± 8QLWHG 6WDWHV 'HSDUWPHQW RI \$JULFXOWXUH -\$9

.RSLMDYLPDV DU SXEOLNDYLPDV YLVR OHLGLQLR DU MR GDOLHV EH UDâWLäNFR

< Ä\$JUR 5,1.\$³ (O SDâWDV DJURULQND#YLF OW
 /HLGjMDV 9² äHPjV ÌNLR LQIRUPDFLMRV KWWS ZZZ YLF OW ULV
 NDLPYHUVOR FHQWUDV 7LUDâDV HJj
 9 .XGLNRV J 9LOQLXV 0DNHWDYR 5 %HUÌnäWLHQj
 7HO 6SDXVGLQR 9² äHPjV ÌNLR LQIRUPDFLM
 9 .XGLNRV J /7 9LOQLXV WH