





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

*UĪGDL	'DWD VDY				3RN\WLV			
	EH 13	VX 13	EH 13	VX 13	EH 13	VX 13	EH 13	VX 13
.YLHþLDL								
HNWUD								
, NODV;V								
,, NODV;V								
,,, NODV;V								
,9 NODV;V								
5XJLDL					"	"	-	-
, NODV;V	"	"	"	"	"	"		
,, NODV;V	"	"	"	"	"	"		
0LHâLDL								
, NODV;V					"	"		
,, NODV;V					"	"		
VDO\NOLQLDL	"	"	"	"	"	"		
\$YLâRV								
*ULNLDL	"	"	"	"	"	"		
.YLHWUXJLDL								
.XNXUĭjDL								
âLUQLDL								
3XSRV	"	"	"	"	"	"		
5DSVDL								

NDLQD EH QXRVDLWÐ SULHâ YDO\ P LU GâlRYLQLP LU SULHPRNRPLV /âĖ035,6  
 NDLQD VX QXRVDLWRPLV SR YDO\ PR LU GâlRYLQLPR LU SULHPRNRPLV  
 O\JLQDQW P VDYDLW VX VDYDLWH  
 O\JLQDQW P VDYDLW VX P VDYDLWH  
 " ± NRQĭGHQFLDOĭV GXRPHQĭV  
 3DVWDED \*UĪGÐ EHL DOLHMLQLÐ DXJDOÐ V;NOÐ LU VDYDLþLÐ VXSLUNLPR NDLQRV S

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

*UĪGDL	'DWD		3RN\WLV	
	EDODQGLVYDV DULV	NRYDV	EDODQGLV;QHVLR	PHWÐ
.YLHþLDL				
HNWUD				
, NODV;V				
,, NODV;V				
,,, NODV;V				
,9 NODV;V				
VSHOWD				
5XJLDL				
, NODV;V				
,, NODV;V				
0LHâLDL				
, NODV;V				
,, NODV;V				
VDO\NOLQLDL				
\$YLâRV				
*ULNLDL				
.YLHWUXJLDL				
.XNXUĭjDL				
âLUQLDL				
3XSRV				
5DSVDL				
,â YLVR				

O\JLQDQW P EDODQGâLR P;Q VX P NRYR P;Q âDOWâĖQ;LW /âĖ035,6  
 O\JLQDQW P EDODQGâLR P;Q VX P EDODQGâLR P;Q



\*UĪGÐ LU UDSVÐ YLGXWLQjV VXSLUNLPR NDLQRV iš augintojų ir kitų vidaus r  
/LHWXYRMH (85 W EH 390

*UĪGÐL	'DWD															3RN\WLV				
	EDODQGLV YDVDULV					NRYDV					EDODQGLVjQHVLR					PHWÐ				
	EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	EH	13VX	13EH	
.YLHþLDL																				
HNWUD																				
, NODVj																				
,, NODVj																				
,,, NODVj																				
,9 NODVj																				
5XJLDL																				
, NODVj											"	"								
,, NODVj																				
0LHåLDL																				
, NODVj																				
,, NODVj																				
VDO\NOLQLDL																				
\$YLåRV																				
*ULNLDL											"	"								
.YLHWUXJLDL																				
.XNXUjDL																				
åLUQLDL																				
3XSRV																				
5DSVDL																				

NDLQD EH QXRVNDLWÐ SULHå YDO\ P LU GåLRYLQLP LU SULHåLQVLR /åĒ035,6  
 NDLQD VX QXRVNDLWRPLV SR YDO\ PR LU GåLRYLQLPR LU SULHPRNRPLV  
 O\JLQDQW P EDODQGåLR PjQ VX P NRYR PjQ  
 O\JLQDQW P EDODQGåLR PjQ VX P EDODQGåLR PjQ  
 " ± NRQjGHQFLDOiV GXRPHQjV

\*UĪGÐ LU DOLHMLQLÐ DXJDOÐ VjNOÐ SHUGLUELPDV /LH

*UĪGÐL	'DWD															3RN\WLV				
	EDODQGLV YDVDULV					NRYDV					EDODQGLVjQHVLR					PHWÐ				
	EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	EH	13VX	13EH	
.YLHþLDL																				
HNWUD																				
, NODVj																				
,, NODVj																				
,,, NODVj																				
,9 NODVj																				
VSHOWD																				
5XJLDL																				
, NODVj																				
,, NODVj																				
0LHåLDL																				
, NODVj																				
,, NODVj																				
VDO\NOLQLDL																				
\$YLåRV																				
*ULNLDL																				
.YLHWUXJLDL																				
.XNXUjDL																				
åLUQLDL																				
3XSRV																				
5DSVDL																				
/LQÐ VjPHQjV																				
,å YLVR																				

O\JLQDQW P EDODQGåLR PjQ VX P NRYR PjQ åDOVåEQLV& /åĒ035,6  
 O\JLQDQW P EDODQGåLR PjQ VX P EDODQGåLR PjQ



\*UÏGÐ LU DOLHMLQLÐ DXJDOÐ V;NOÐ DWVDUJRV /LHW

*UÏGDL	'DWD		3RN\WLV	
	EDODQGLVYDV DULV	NRYDV	EDODQGLV	QHVLR PHWÐ
.YLHþLDL				
HNWUD				
, NODV;				
,, NODV;				
,,, NODV;				
,9 NODV;				
VSHOWD				
5XJLDL				
, NODV;				
,, NODV;				
0LHåLDL				
, NODV;				
,, NODV;				
VDO\NOLQLDL				
\$YLåRV				
*ULNLDL				
.YLHWUXJLDL				
.XNXUÏJDL				
åLUQLDL				
3XSRV				
5DSVDL				
/LQÐ V;PHQ\				
,å YLVR				

DWVDUJRV DWLWLQNDPR P;QHVLR SDEDLJRMH åDOWåEQ L9& /åË035,6  
 \*\* O\JLQDQW P EDODQGåLR P;Q VX P NRYR P;Q  
 O\JLQDQW P EDODQGåLR P;Q VX P EDODQGåLR P;Q

NDLQD ± (85 W -LH EXYR LåYHåWL 3 /DWYLM (VW  
 5XJLDL WÏNVW W NYLQDLåYHåWL 85 W  
 /DWYLM /HQNLM LU 9RNLHWLM86\$ LGXWLQ;PND SURJQR;XRMD  
 (85 W PLHåMÏNVW W HNMSRHLRML NLVSDVDXO\SHHP;VL  
 3 /DWYLM (VWLM 9RNLHWLM ÏNUR1GHSDDDDGPIQ WFLGWUMQDåXV± 8  
 NDLQD ± (85 W P;Q SURJQR;V GXRPHQLPLV ±  
 5DSVÐ HNVSRUWDV P EDODQGLVYDV DULV SDVDX O\MH  
 SDO\JLQWL VX SUD;MXVLÐ PHWÐ DQDORHJUNLÐXODSNRWRP;JLXSDG  
 EXYR PDåHVQLV SURF VXLGDU;XU;WåWÏNXVUWWL POQ

\*UÏGÐ SURGXNWÐ SDUJEDP;LQVRMIDLQRBMWXYRMH (85 W

3URGXNWDL	'DWD		3RN\WLV	
	EDODQGLVYDV DULV	NRYDV	EDODQGLV	QHVLR PHWÐ
.YLHWLQLDL PLOWDL				
DXNåþLDXVLRV UååLHV				
SLUPRV UååLHV				
5XJLQLDL PLOWDL				
SDVLMRWL		"		
åYHLVWLQLDL				
6;OHQRV				
NYLHþLÐ				
.UXRSRV				
PDQÐ	"	"		
JULNLÐ				
DYLåÐ	"	"	"	
'ULEVQLDL				
NYLHþLÐ	"	"	"	
DYLåÐ				

YLGXWLQ;V VYHUWLQ;V NDLQRV åDOWåEQ L9& /åË035,6  
 O\JLQDQW P EDODQGåLR P;Q VX P NRYR P;Q  
 O\JLQDQW P EDODQGåLR P;Q VX P EDODQGåLR P;Q  
 " ± NRQ;GHQFLDOÏV GXRPHQ\



'XRQRV JDPLQLÐ SDUGDYLRP NDLQRV *gamintoju* /LHWXYRMH (85

	EDODQGLVYDV DULV NRYDV	3RN\WLV				
		EDODQGLV	QHVLR	PHWÐ		
5XJLQ; GXRQD						
<i>tamsi</i>	942,65	956,79	969,93	973,85	0,40	3,31
EH SULHGÐ VX SULHGDLV						
<i>šviesi</i>	940,01	936,72	944,97	951,40	0,68	1,21
EH SULHGÐ VX SULHGDLV						
.YLHWLQ; GXRQD						
<i>batonas</i>	851,00	841,00	848,43	850,81	0,28	-0,02
EH SULHGÐ VX SULHGDLV						
<i>sumuštinių duona</i>	1 081,88	1 094,94	1 110,70	1 092,13	-1,67	0,95
EH SULHGÐ VX SULHGDLV						
<i>kita</i>	1 335,03	1 331,56	1 385,90	1 360,14	-1,86	1,88
EH SULHGÐ VX SULHGDLV						

YLGXWLQ;V VYHUWLQ;V NDLQRV âDOWĪEQ L& /ãĒ 035,6  
 O\JLQDQW P EDODQGâLR P;Q VX P NRYR P;Q  
 O\JLQDQW P EDODQGâLR P;Q VX P EDODQGâLR P;Q

GLGHVQLV NYLHþLÐ GHUOLXV \$XVUDOLMD SDãDULQLDL (6 LQXQLRMLQ; MHQDG  
 .DUDO\WV;MH 0DURNH 8NUDLQRV SDãDULQLDL X-SDPDX ODLNRWDUSLX  
 QHL NRPSHQVXRV \$XVWUDOLMD SDãDULQLDL ODLNRWDUSLX; WDLSDIGELG;WL  
 GHUOLDXV VXPĐã;MLP 5XVLMRMH NYOĒþLWÐ GHUOLXV XVRML;WÐ N  
 VXGDU\WL POQ W LU EĪWÐ SDQĐãXV ÐLS LEĪYMLX VLEHĒB WDã GLC  
 UHNRUGLQ<sup>3</sup> GHUOLÐ G;O SDGHQ;VSRVLV XãRVMQLÐ ãNYLĒþWĒV ãD  
 SORWR ± P JDOL VXGDU\WL

3DVDXOLQ; NYLHþLÐ VXQDXGRMLPDV (6PLU 8NUDLQRV NY  
 SURJQR; SDO\JLQWL VX SDW P V X;S;DVEĒĒĒW DGLGHVQLV QHJ  
 POQ W LNL POQ W \$XVWRJQR;M RMDPDQDGRV LU -\$9 ±  
 GLGHVQLV VXQDXGRMLPDV G;O .YLHþLÐ QLR SRUWĒþLÐ ± P  
 VXQDXGRMLPR PDLVWXL LU SUDPRQ;VXGDUWRQR]XRMDPQ W LU  
 NDG NYLHþLÐ VXQDXGRMLPDV SDãDULQLDL PQHWXU;WÐ EĪWL3URJQR  
 PĐãHVQLV Xã NYLHþLÐ VXQDXGRMLPR SDGHQ;M LPSRUWR DSL  
 SUDPRQ;MH QHV GLGHVQ<sup>3</sup> VXPĐã;VPLUSV ÐĒBQ;MH POQ  
 (6 -XQJWLQ;MH .DUDO\WV;MH ã05LXWLM RMĒH ÐĪV -\$9DWVDUJRV L  
 Lã GDOLHV WXU;WÐ NRPSHQVXRV VLVQXPĒĒMOVLSV ãDIXÐ DWRPD

W VLQ;V SVO  
 3DVDXOLQ;V JUĪGÐ HNVSRUWR NDLQRV (85 W

*UĪGDL	9DOVWĒi	3RN\WLV				
		EDODQGLV	DULV	NRYDV	EDODQGLV	QHVLRPHWÐ
.YLHþLÐ	+5: NDW -\$9 65: NDW \$UJHQLQD (6 3UDQFĪJLMD )&: (6 9RNLHWLMD % NODV; 8NUDLQD SDãDULQLDL .DQDGD &:56 EDOW\ÐÐ					
.XNXUĪ	09 <& \$UJHQLQD					
0LHãLÐ	06 3UDQFĪJLMD SDãDULQLDL \$XVWUDOLMD SDãDULQLDL \$XVWUDOLMD VDO\NOLQLDL					

+5: ± +DUG 5HG :LQWHU 65: ± 6RIW 5HG :LQW&156)&:&ÐQDĒFĒHVWĒQĒH5HGĒĒM&RUQ  
 \* O\JLQDQW P EDODQGâLR P;Q VX P NRYR P;Q  
 O\JLQDQW P EDODQGâLR P;Q VX P EDODQGâLR P;Q âDOWLQLV \$0\$



\*UĪGÐ LU UDSVÐ YLĀĢĪĻĪ QĪĶ ANDĻĪRĪV (85 W

9DOVW\Ē;	VDY					3RN\WLV	
	VDY	DWD	VDY ±	VDY ±	VDY ±	VDY	VDYDLWĪPHWÐ
	ODLVWLQLDL NYLHþLDL						
%HOJLMD %XOJDULMD ýHNLMD 9RNLHWLMD *UDLNLMD ,VSDQLMD 3UDQFĪĴLMD .URDWLMD ,WDOLMD /LHWXYD 9HQJULMD \$XVWULMD /HQNLMD 3RUWXJDOLMD 5XPXQLMD 6ORYĵQLMD 6ORYDNLMD 6XRPLMD âYHGLMD							
	3DāDULQLDL NYLHþLDL						
%HOJLMD %XOJDULMD 9RNLHWLMD (VWLMD *UDLNLMD \$LULMD /LHWXYD 9HQJULMD 2ODQGLMD \$XVWULMD /HQNLMD 3RUWXJDOLMD 5XPXQLMD							
	3DāDULQLDL PLHāLDL						
%HOJLMD %XOJDULMD 9RNLHWLMD (VWLMD *UDLNLMD ,VSDQLMD 3UDQFĪĴLMD .URDWLMD \$LULMD ,WDOLMD .LSUDV /LHWXYD 9HQJULMD 2ODQGLMD \$XVWULMD /HQNLMD 3RUWXJDOLMD 5XPXQLMD 6XRPLMD							
	ODLVWLQLDL UXJLDL						
ýHNLMD 9RNLHWLMD (VWLMD /LHWXYD \$XVWULMD /HQNLMD			-	-	-	-	-

OHQWHOĵV W VLQĪV



SVO OHQWHOjV W VLQ\V

9DOVW\Ej	VDY					3RN\WLV	
	VDY	DWD	VDY	VDY	VDY	VDY	VDYDLWjPHWĐ
							5DSVDL

9RNLHWLMD (VWLMD /DWYLMD /LHWXYD /HQNLMĐ	-						-
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\* O\JLQDQW P VDYDLW VX VDYDLWHaDOWLQDLĐ äË,.9& /äË035,6 (. \$0, =65,5  
 O\JLQDQW P VDYDLW VX P VDYDLWH  
 3DVWDED /LHWXYRV PDLVWLQLĐ LU SDäDULQLĐ NYLHþLĐ SDäDULQLĐ PLHåLĐ PDLVWLQLĐ

JDOL GLGjWL SLUPLDXVLD GjOJSĐGĐGPMXVQRĐ SONOOKĐRV ISURJ  
 \$Oå\UR ,QGRQHjLMRV (6 LU 9LGXULQIPĐ SURĐQRHjHLRSĐRGLGLQWD  
 3URJQRjXRMDPD NDG NYLHþLĐWLPLSjVUWDXGĐBDWLjWDQ LUPOQ W  
 ODURN WDLSDW WXUjWĐ EİWLNDGĐHXQjVjĐ GHUOLXV SDVDXO\M  
 1DXMDXVLDLV 86'\$ GXRPHQLPLVĐL±NXNXUjĐ GHUOLXV V  
 P NYLHþLĐ DWVDUJRV SDVDXO\MHSMĐ\JLQWMRWX 8NUDLG  
 ± P WXUjWĐ EİWL ODEDL SDVDXO\MHSMĐ\JLQWMRWX VXDQX  
 POQ W Lå MĐ QHW SURF NYLHþLĐSDVDXO\MHSMĐ\JLQWMRWX ±  
 SDVDXO\MH WXUjWĐ VXGDU\WLG.LGLQWRMH HVĐQQLRWLNYVĐþLjVĐ V  
 DWVDUJRV 7LNLPDVL NDG NXNXUjĐ VXDQX  
 P JHJXåjV PjQ 86'\$ SURĐQRHjHLRSĐRGLGLQWD SURF %HGGUD  
 GXRPHQLPLV ± P SDVDXO\MHSMĐ\JLQWMRWX SURJQRj; DQDO  
 NXNXUjĐ VRUJĐ PLHåLĐ SDXGILLQLQWDLđĐ RVRQĐWLWNL

\$WHLWLHV VDQGRULĐ NYLHþLĐ NXNXUjĐ LU UDSVĐ NDLQRV WDUSW

*UİGLQjNXO3WİLDDWD\PR VDY	VDY	VDY	VDY	VDY	6DYDLWjV	NDLQRV
ELUåD	PjQXR	±	±	±	±	SRN\WLV
						0DLVWLQLDL NYLHþLĐL

0\$7,)	UXJVjMLV JUXRGLV NRYDV JHJXåj UXJVjMLV					
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3DäDULQLDL NYLHþLĐL

/,))	JHJXåj OLHSD ODSNULWLV VDXVLV NRYDV JHJXåj					
------	-----------------------------------------------------------	--	--	--	--	--

.XNXUjDL

0\$7,)	ELUåHOLV UXJSMiWLV ODSNULWLV VDXVLV NRYDV					
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5DSVDL

0\$7,)	UXJSMiWLV ODSNULWLV YDVDULV JHJXåj UXJSMiWLV					
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/,)) (RQGRQ ,QWHUQDWLRQDO )LGDQRMDL%ULWVWLHLMDKBOB)WLRQDO )UHQFK )XVĐQRHjHLRSĐRGLGLQWD 2S  
 NDLQRV (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YDOLXWĐ NXUV  
 O\JLQDQW P VDYDLW VX VDYDLWH  
 3DVWDED .DLQRV QXURGRPRV )2% V O\JRPLV äDOWLQLV 7DUSWDXWLV



± POQ W LNL POQ W DUBS UNLQV JUMG DJDOL VXGDU\W  
 NDG SDVDXOLQLV NXNXUÏJÐ LPSR P VQ VWS DWUKJAMH JDÐQ W  
 SDGLG;WL SURF 'DXJLDXVLD NXNXUÏJÐ GÐP SRWWRUJRV ±  
 DSLPW\V ± P WXU;WÐ P SWOLG;WEDLJRMH SDO\JLQWL  
 7XUNLMRMH ,UDQH -DSRQLMRSMR JORQXRM DRRMHV .LQWMBMJRPL  
 ± P EHGGUDV JUIGÐ LPSRUWQ JVOGLGXGQJVVWLU JDOL VXG  
 POQ W WDL EIWÐ POQ ,W GDXNLXUQÐ LDWVÐUJÐ SURJQR  
 P 3URJQR]XRMDPD NDG NXNXUÏJÐ LPSRUWQV äË,.9& /äË035,6 LU

0LHäLÐ GHUOLXV VXQDXGRMLPDV LU DWVDUJRV SDVDX

	±	±	±	±	±	3RN\WLV
--	---	---	---	---	---	---------

	±	±	±	±	±	3RN\WLV
\$Oä\UDV						
\$UJHQWLQD						
\$XVWUDOLMD						
.DQDGD						
(WLRSLMD						
(6						
,QGLMD						
,UDQDV						
,UDNDV						
.DJDFKVWDQDV						
0DURNDV						
5XVLMD						
7XUNLMD						
8NUDLQD						
-XQJWLQ; .DUDO\WV;						
-\$9						
.LWRV						
,ä YLVR						

6XQDXGRMLPDV

	±	±	±	±	±	3RN\WLV
\$Oä\UDV						
\$XVWUDOLMD						
.DQDGD						
.LQLMD						
(WLRSLMD						
(6						
,QGLMD						
,UDQDV						
.DJDFKVWDQDV						
0DURNDV						
5XVLMD						
6DXGR \$UDELM						
7XUNLMD						
8NUDLQD						
-XQJWLQ; .DUDO\WV;						
-\$9						
.LWRV						
,ä YLVR						

\*DOXWLQ;V DWVDUJRV

	±	±	±	±	±	3RN\WLV
\$Oä\UDV						
\$XVWUDOLMD						
.DQDGD						
(6						
5XVLMD						
6DXGR \$UDELM						
-XQJWLQ; .DUDO\WV;						
-\$9						
.LWRV						
,ä YLVR						

P JHJXä;V P;QHVLR SURJQR];  
 O\JLQDQW ± P VX ± P

äDOWLQLV 86'\$





.RPELQXRWÐMÐ SDĀDUÐ LU SUHPLNVÐ JDP\ED /LHWXYRMH

3DĀDUDL	3*3. NRGDV	EDODQGLWDVDULVNRVDV		EDODQGPVQHVLR PHWÐ		3RN\WLV
ĒNLQLÐ J\YĪQÐ SDĀDUÐ SUHPLNVDL						
0LĀLQLDL LĀVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV ± NLDXOĭPV ± āHUWL						
0LĀLQLDL LĀVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV ± JDOYLMDPV ± āHUWL						
0LĀLQLDL LĀVN\UXV SUHPLNVXV QDPLQLDPV SDXNĀþLDPV OHVLQWL						
.LWL QLHNXU NLWXU QHSULVNLUWL PLĀLQLDL LĀVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV āHUWL						
āXQÐ ĭGDODV VNLUWDV PDĀPHQLQHL SUHN\EDL						
.DþLÐ ĭGDODV VNLUWDV PDĀPHQLQHL SUHN\EDL						
0LĀLQLDL J\YĪQÐ DXJLQWLQLÐ ĭGDOXL LĀVN\UXV NDþLÐ DUED āXQÐ ĭGDO VNLUW PDĀPHQLQHL SUHN\EDL						
,ā YLVR						

\* O\JLQDQW P EDODQGĀLR PĭQ VX P NRYR PĭQ āDOWLQLV āĒ,.9& /āĒ035,  
O\JLQDQW P EDODQGĀLR PĭQ VX P EDODQGĀLR PĭQ

.RPELQXRWÐMÐ SDĀDUÐ LU SUHPLNVÐ JDP\ED LU SDUGDYLPDV

3URGXNWDV	3DJDPLQWD		W	3DUGXRWD W			
	3*3.			LĀ YLVR		YLGDXV ULQNRMH	
	SRN\WLV			SRN\WLV		SRN\WLV	
	,±,9 PĭQ,9 PĭQ		,±,9 PĭQ,9 PĭQ		,±,9 PĭQ,9 PĭQ		,±,9 PĭQ,9 PĭQ
ĒNLQLÐ J\YĪQÐ SDĀDUÐ SUHPLNVDL							
0LĀLQLDL LĀVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV ± NLDXOĭPV ± āHUWL							
0LĀLQLDL LĀVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV ± JDOYLMDPV ± āHUWL							
0LĀLQLDL LĀVN\UXV SUHPLNVXV QDPLQLDPV SDXNĀþLDPV OHVLQWL							
.LWL QLHNXU NLWXU QHSULVNLUWL PLĀLQLDL LĀVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV āHUWL							
āXQÐ ĭGDODV VNLUWDV PDĀPHQLQHL SUHN\EDL							
.DþLÐ ĭGDODV VNLUWDV PDĀPHQLQHL SUHN\EDL							
0LĀLQLDL J\YĪQÐ DXJLQWLQLÐ ĭGDOXL LĀVN\UXV NDþLÐ DUED āXQÐ ĭGDO VNLUW PDĀPHQLQHL SUHN\EDL							
,ā YLVR							

O\JLQDQW P ,±,9 PĭQ VX P ,±,9 PĭQ āDOWLQLV āĒ,.9& /āĒ035,



.LDXOLHQRV MDXWLHQRV LU DYHLHQRV

P VDXVLR±EDODQGåLR VNHUGLPR DSIPLWV GLGåLR RNVXSNHNGPHQÐ 9RNLHVM  
 NLDXOLÐ VNHUGLPR DSIPLWV GLGåLR RNVXSNHNGPHQÐ 9RNLHVM  
 NDLQD P DSIPLWV NHWXULVQåLMDXVLRV \UD GLGåLDXVLRV  
 /LHWXYRV ³PRQ;VH EXYRVISDVMHUVMLDOLÐ VXSLUNLPR NDLQD  
 NLDXOLÐ ± SURF GDXJLDOLÐDQNRWDUSEX DWRWLQNDPDL VLH  
 SDpLX ODLNRWDUSLX 3DJDO 6(8525 VNHUGLHQLG HQÐ  
 NODVL;NDYLPR VUDO EXYR VXNODVL PNXRWDVLR±ESURFQGåLR P  
 GDXJLDX NLDXOLÐ QHL P³PRQ;XWLRVLEEDODQGLQåNBDXOLÐ J\YR  
 P;Q /LHWXYRV ULQNRMH GDXNDOLÐLDXGDUYRN6 ±LEXSBRF  
 ( NDWHJRULMÐ NLDXOLHQRV VNHUGLHQRVHL MRV V XGDU;VLR±ED  
 SURF QXR YLVD VXNODVL;NXRWÐ (85DXOND VNDLpLDXV  
 P VDXVLR±EDODQGåLR P;Q YLGåWLVQXNLRLXVÐD DULR P;Q  
 VXSLUNLPR NDLQD SDJDO VNHUGLHQRV HWRVSRNVW DWDV;M  
 /LHWXYRV VNHUG\NORVH W XGDUVDULR(85;Q 9RNLHVMMD HNVSR  
 LU EXYR SURF åHPHVQ;NLDXOLHQRV WXR SURF PDåLDX  
 SDpLX ODLNRWDUSLX NJ .LDXOLÐSURF PDåLDX QHL P WXR S  
 UHSUH]HQWDFLQ; (NODV;V YLGåWLRVMDHUGLHQRV VXSLUNLPRLR±Y  
 NDLQD DQDOL]XRMDPX ODLNRWDUSLXVLH WXYRMMH \$RUMXWRWH  
 (6 åDO\ VH PDå;MR /LHWXYRMMH WDP VDXVLR± GDXJLDX QHL  
 EDODQGåLR P;Q NLDXOLÐ (NODV;V YLGåWLVQXNDOLQ;XRMDHQRV  
 VXSLUNLPR NDLQD VXNDU;U EXYRNRUWDV Lå 9RNLHVMRMRV ³ 1  
 SURF åHPHVQ; QHL P SURFOLNRMW XW ,WDOLM ±  
 ODLNRWDUSLX .LDXOLÐ YLGåWLVQ;NWNODHQLM XSLUNSRF LN  
 NDLQD (6 ULQNRMH WXR SDpLX pDLNRWDUSLXV DGRUP;Q ³ V  
 (85 NJ LU EXYR SURFåHPHVQ;V HNVSRUWDV VXGDU;  
 QHL P DWLWLQNDPX SURFåHPHVQ;V SDpLX ODLNRWDUSLX  
 DXNåWHVQ; QHL /LHWXYRMMH \$RUMXWRWH ODLNRWDUSLX  
 /DWYLMRMH NLDXOLÐ (NODV;V NLDXOLÐ PRNRLQDRWXP;å;MR P  
 SURF LN(85 NJ VNHUGLHQRV DSULERM 9RNLHVMRMRV HN  
 /HQNLMRMH SURF LN(85 NJ <SDp GLGHO³ SRYHLN³ WXU;MR H

.LDXOLÐ VXSLUNLPR NDLQRV /LHWXYRV ³PRQ;VH (85 NJ V

5DXPHQLQ NODV;V	JXPR	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	3RN\WLV
S							VDYDLW;PHWÐ
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U							
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P		•	-	-	•	-	
S-P							

O\JLQDQW P VDYDLW VX P VDYDLWH O\JLQDQWOWLPLV åD;YD&WåE035,  
 " ± NRQ;GHQFLDOiV GXRPHQIV

åDOXWLQLÐ J\YiQLQLÐ SURGXNWÐ NLHNLDL JDXWL /LHWX

	EDODQGLWVDVLDVNRVDV	EDODQGEYQHVLPHWÐ	3RN\WLV
,å YLVR			
Lå WR VNDLpLDXV			
JDOYLMÐ			
NLDXOLÐ			
DYLÐ LU RåNÐ			
SDXNåpLÐ			
NLWÐ J\YiQÐ			
DWYHMDL NDL QHGXURGRPD J\YiQR UåLV			

O\JLQDQW P EDODQGåLR P;Q VX P NRYR P;Q O\JLQDQW P EDODQGåLR  
 SDWLVNVLQWL GXRPHQIV åDOWåEQ;L& /åE035,6



3 .LQLM QHV DQNVpLDX ãL ãBOLV ~~EXRFR GRGvXDXVjV~~LDLORNLHW  
 VYDUELDXVLD NLDXOLHQRV SLURJMDXLDORMRM~~WLMRVSURF~~ 1\GH  
 P SURJQRjXRMDPDV (6RUVXBNHQRVjMRMH QXPDWRPD P  
 JDP\ERV GLGjMLPDV (6 SURJQRjLNDWLRPLWDPGRãHLW PHWDLV ,VS  
 SHUWØ WHLJLPX WLNjWLQD NãS QjLDXØYRQRVLDXØPHØSjDPIE  
 PHWXV JDOL SDGLGjWL DSLH JDSURFV DSJFØRDXVSDØMRMH LU  
 NDG NLDXOLHQRV JDP\ED ,VSDØLMDRMRHMXØLRMRMHVSRUjWØ JDØ  
 SDGLGjWL SR SURF ,WDOLMRMH ± ãDSURFØ //ãQNLMRMHU \$Ø.

.LDXOLØ ( NODVjV VXSLUNLPR NDLQRV (XURSRV 6 MXQJRV YDOVW

9DOVW\i;	DWD					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLWj	PHWØ
/LHWXYD							
/HQNLMD							
/DWYLMD							
(VWLMD							
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6ORYjQLMD							
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/LXNVHPEXUJDV "							
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(6 YLGXWLQj							

\* O\JLQDQW P VDYDLW VX P VDYDLWH O\JLQDQW P VDYDLW  
 " ± NRQjGHQFLDOiV GXRPHQjV ± QjUD GXRPHQØ

\$YLD VXSLUNLPR NDLQRV /LHWXYRV 3PRQjVH (85 NJ E

.DWHJRULMD	*YRMR VYRULR				6NHUGHQØ VYRULR			
	SRN\WLV		SRN\WLV		SRN\WLV		SRN\WLV	
ULXNDL QH Y\UHVQL" NDLS PiQ								
.LWRV DY\V Y\UHVQjV NDLS PiQ								
9LGXWLQj NDLQD								

O\JLQDQW P EDODQGãLR PiQ VX P NRYR PiQ O\JLQDQW P EDODQGãLR  
 " ±NRQjGHQFLDOiV GXRPHQjV  
 3DVWDED 9LGXWLQjV NDLQRV VNDLpLXRMDPRV VYHUWLQLX EiãRØWãEQjLã /ãE035,6

\$YLD LU RãND VNHUGLPDL /LHWXYRV 3PRQjVH YQW

.DWHJRULMD	3RN\WLV			
	EDODQGjVDVDLVNRYDV EDODQGjVQHVLR PHWØ			
ULXNDL QH Y\UHVQL NDLS PiQ				
.LWRV DY\V Y\UHVQjV NDLS PiQ				
,ã YLVR				
2ãNRV LU RãLDL				

\* O\JLQDQW P EDODQGãLR PiQ VX P NRYR PiQ ãDOVãEQjLã /ãE035,6  
 O\JLQDQW P EDODQGãLR PiQ VX P EDODQGãLR PiQ



\*DOYLMØ VXSLUNLPR NDLQRV (XURSRV 6 MXQJRV YDOVW\EjVH (8

9DOVW\Ej	VDY ±					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLWjPHWØ	
	PjQHVLD LU MDXQHVQL QHL					PjQHVLD JDOYLMDL =	
'DQLMD							
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-DXQL EXOLDL \$

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OHQWHOjV W VLQjV



SVO OHQWHOjV W VLQ\V

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	±	±	±	±	±	VDYDLWjPHWĐ	

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YLGXWLQjV NDLQRV DSVNDLpLXRWRV Lã DWUDQNLQLĐ (. WHLNLDPĐ GXRPHQĐ \$ NDWH  
 ' NDWHJRULMRV ± 5 5 2 2 2 3 3 NODVLĐ ( NDWHJRULMRV ± 8 8 5 5 5 2 2  
 O\JLQDQW P VDYDLW VX P VDYDLWH  
 O\JLQDQW P VDYDLW VX P VDYDLWH  
 " ± NRQjGHQFLDOìV GXRPHQìV áDOWãLQĐ /ãË035,6 LU (.  
 10



\*DOYLMØ VXSLUNLPR NDLQRV /LHWXYRV ³PRQjVH (85 NJ V

.DWHJRULMD SDJDO					3RN\WLV	
UDXPHQLQJXP	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLWj	PHWØ

-DXQL EXOLDL \$

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.DUYjV

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9LGXWLQj \$ =

O\JLQDQW P VDYDLW VX P VDYDLWH O\JLQDQW P VDYDLW VX SDWLNVLQWL GXRPHQ\V ± NRQ¿GHQFLDO\V GXRPHQ\V



/LHWXYRV ³PRQ;VH SDJDPLQWRV P;VRV LU NDL NXULÐ P;VRV JDPLQ

*DPLQLR SDYD	G	/LHWXYRV ULQNRMH		.LWÐ (L		ãDOLÐ ULQNRVH	
		EDODQGLV	NRYDV	EDODQGLV	NRYDV	EDODQGLV	NRYDV
		PIQHV	PHWÐ	PIQHV	PHWÐ	PIQHV	PHWÐ
âYLHåLRV DUED DWãDOGIWRV MDXWLHQRV LU YHUãLHQRV VNHUGHQRV LU VNHUGHQÐ SXV;V LU NHWYLUþLDL VX NDXODLV							
âYLHåL DUED DWãDOGIWL MDXWLHQRV LU YHUãLHQRV JDEDODL							
8ããDOGIWRV MDXWLHQRV LU YHUãLHQRV VNHUGHQRV VNHUGHQÐ SXV;V NHWYLUþLDL LU JDEDODL					"	"	"
âYLHåLD DUED DWãDOGIWD NLDXOLHQD VNHUGHQRV VNHUGHQÐ SXV;V							
âYLHåLD DUED DWãDOGIWD NLDXOLHQD NXP SLDL PHQW;V LU MÐ GDO;V VX NDXODLV							
âYLHåLD DUED DWãDOGIWD NLDXOLHQD NXP SLDL PHQW;V LU MÐ GDO;V VX NDXODLV							
8ããDOGIWD NLDXOLHQD NXP SLDL PHQW;V LU MÐ GDO;V VX NDXODLV							"
8ããDOGIWD NLDXOLHQD LãVN;UXV VNHUGHQDV LU VNHUGHQÐ SXVHV NXP SLXV PHQWHV LU MÐ GDO;V VX NDXODLV							
âYLHåLRV DUED DWãDOGIWRV ;ULXNÐ DUED DYLD VNHUGHQRV VNHUGHQÐ SXV;V LU JDEDODL							
âYLHåL DUED DWãDOGIWL JDOYLMHQRV NLDXOLHQRV DYLHQRV RãNLHQRV DUNOLHQRV LU NLWÐ DUNOLQLÐ åHLPRV DWVWRYÐ YDOJRPLHML P;VRV VXSURGXNWDL .LDXOLHQRV NXP SLDL PHQW;V LU MÐ GDO;V VX NDXODLV VIG;WL XåSLOWL V;U;PX GåLRYLQWL DUED U;N;WL							
6;G;WD XåSLOWD V;U;PX GåLRYLQWD DUED U;N;WD NLDXOLHQD							
6;G;WD XåSLOWD V;U;PX GåLRYLQWD DUED U;N;WD JDOYLMHQRV							
'HåURV LU SDQDã;V SURGXNWDL Lã NHSHQÐ LU GDXJLDXVLD Lã NHSHQÐ SDJDPLQWL PDLVWR SURGXNWDL							
'HåURV LU SDQDã;V SURGXNWDL Lã P;VRV P;VRV VXSURGXNWD DUED NUDXMR LU GDXJLDXVLD Lã åLD SURGXNWD SDJDPLQWL PDLVWR SURGXNWDL							
.LWD SDUXRãWD DUED NRQVHUYXRWD NLDXOLHQD MRV VXSURGXNWD LU PLãLQLDL ³VNDLWDQW PLãLQLXV							
3DUXRãWD DUED NRQVHUYXRWD JDOYLMHQRV DUED MRV VXE SURGXNWDL					"	"	"

JDPLQWRMÐ NDLQRV DSVNDLþLXRWRV VYHUWLQLX E;GX EH 390 O;JLQDQW P  
EDODQGåLR P;Q VX P EDODQGåLR P;Q " ± NRQ;GHQFLDO;V GXRPHQ;V  
³VNDLWDQW åYLHåL P;V XåSLOW GUXNNDWQW ÐBNRQÐXRRLQLRQRWHUMÐQNHWYLUþLD  
QXRNDUWDV QXJDULQH V LU MÐ GDO;V LãVN;UXV NXP SLXV LãVRLQXHS;DIUXRãVXGDO;VJLV  
LãVN;UXV Lã NHSHQÐ SDJDPLQWDV GHãLãV;UXVGRãW;V YDGLQDãLXVSWRBNQXW KR  
SDJDPLQWXV PDLVWR SURGXNWXV SDUXRãWXV YDOJLV LU SDWLHNDQXV  
ãDOWãEQ;Lã /ãE035,6



.LDXOLÐ YLGXWLQ<sub>i</sub>V VXSLUNLPR NDLQRV SDJDO J\YRMR VYRULR  
(85 NJ J\YRMR VYRULR EH 390

.LDXOLÐ NDWHJRULMD SDJDO /67	UXS <sub>i</sub>	ODV <sub>i</sub>	NJ	EDODQGLVDUNRYDVEDODQGLVLRPHWÐ	3RN\WLV
\$XNäpLDXVLD	3HQLPLDL	±	"	"	"
3LUPD	3HQLPLDL	±	"	"	"
\$QWUD	3HQLPLDL	±	"	"	"
7UHþLD	3HQLPLDL	±	"	"	"
.HWYLUWD	3DUãDYHG <sub>i</sub> V	QHULELMDPD			
3HQNWD	,ãNDVWUXRWL	QHULELMDPD			
âHãWD	.XLOLDL	±	"	"	"
6HSWLQWD	3XVNLDXO <sub>i</sub> V	±	"	"	"
\$ãWXQWD	3DUãHOLDL	±	"	"	"
'HYLQWD	3LHQLQLDL SDUãHOLDL	±	"	"	"
'HãLPWD	/LHVRV NLDXO <sub>i</sub> V SDUãHOLDL	±	"	"	"
	SXVNLDXO <sub>i</sub> V QHDWLWLNDOþLRV	±	"	"	"
	DXNäpLDXVLRV QHULELMDPD	±	"	"	"
	NDWHJRULMD UHLNDODYLPÐ				
/LHWXYRV YLGXWLQ <sub>i</sub>					
O\JLQDQW P EDODQGãLR P <sub>i</sub> Q VX P NRYR P <sub>i</sub> Q O\JLQDQW P EDODQGãLR					
" ± NRQ <sub>i</sub> GHQFLDO <sub>i</sub> V GXRPHQ <sub>i</sub> V					
3DVWDED 9LGXWLQ <sub>i</sub> V NDLQRV VNDLþLXRMDPRV VYHUWLQLX E <sub>i</sub> Q <sub>i</sub> W <sub>i</sub> EQ <sub>i</sub> L <sub>i</sub> /ãE035,6					

.LDXOLÐ VXSLUNLPR NDLQRV /LHWXYRV ³PRQ<sub>i</sub>VH (85 NJ V

5DXPHQLQJXPR	EDODQGLVDVDULV NRYDV	EDODQGLV <sub>i</sub> QHVL R PHWÐ	3RN\WLV
NODV <sub>i</sub>			
S			
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O	"	"	"
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O\JLQDQW P EDODQGãLR P <sub>i</sub> Q VX P NRYR P <sub>i</sub> Q O\JLQDQW P EDODQGãLR			
" ± NRQ <sub>i</sub> GHQFLDO <sub>i</sub> V GXRPHQ <sub>i</sub> V			
ãDOWãEQ <sub>i</sub> L <sub>i</sub> /ãE035,6			

\*DOYLMÐ VXSLUNLPR NDLQRV /LHWXYRV ³PRQ<sub>i</sub>VH (85 NJ V

.DWHJRULMD SDJDO	EDODQGLVDVDULV NRYDV	EDODQGLV <sub>i</sub> QHVL R PHWÐ	3RN\WLV
UDXPHQLQJXPR			
	-DXQL EXOLDL \$		
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O\JLQDQW P EDODQGãLR P <sub>i</sub> Q VX P NRYR P <sub>i</sub> Q O\JLQDQW P EDODQGãLR			
" ± NRQ <sub>i</sub> GHQFLDO <sub>i</sub> V GXRPHQ <sub>i</sub> V			
ãDOWãEQ <sub>i</sub> L <sub>i</sub> /ãE035,6			





3DXNãWLHQRV LU NLDXãLQLÐ ULQND

P , NHWYLUW<sup>3</sup> /LHWXYR WĪD USLXPĐ Ā;LHNR ĩYLãWĐ85 YQW LU  
 NLDXãLQLÐ JDY\ED LU SDUGDĐXNĪWHVRO;LFSRLUWDVP ,9 NHWYL  
 LU HNVSURUWDV SDGLG;MR äĒXNãWĪVĒQ\$5QHL SULHã PHWXV ,ã  
 GXRPHQLPLV P , NHWYLUMĪD;LHVQYDRWDĐPQ;VH P , NHWY  
 EXYR VXULQNWD POQ YQW PYLĒWENHMDXĪPQXĐ SDGLG;MR  
 ± SURF PDãLDX QHL P ,9(85HWYVQW<sup>3</sup> LU NDW SUBKãLQ  
 SURF PDãLDX QHL WXR SDNĪLX SUD\$5XVLEĐQPHWĐ6 NDW ±  
 ODLNRWDUSLX \$QDOLXRMDPX QĐ5NRWYDUSLX RLHWXNDRW NLDX  
 ULQNRMH EXYR SDUGXRWD VXPOQ;MYRW NSDRĒLQLLNL (8  
 W \ SURF PDãLDX QHL % NODV;NHWYLUW<sup>3</sup> QLLD JDPLQWRM  
 SURF PDãLDX QHL SULHã PHWXV NHWYLUW<sup>3</sup> SDO\JLQWL VX  
 9LGXWLQ; \$ NODV;V YLãWĐ NLDXãLQLÐ GLGPHQLQ;LNL (8  
 JDPLQWRMĐ SDUGDYLP R NDLQ.DDXQDOLPX&MĐĐXYPDR NDLQĐ GLC

/LHWXYRV <sup>3</sup>PRQ;VH SDJDPLQWĐ NLDXãLQLÐ SDUGDYLPDV YLG

.RN\E;V NODV;V	SDJDO VYRU <sup>3</sup>	3RN\WLW
9LãWĐ NLDXãLQLDL VX OXNãWDLV	EDODQGLVDVDULVNRYDV	EDODQGEVQHVL R PHWĐ
,ã MĐ VXUĪãLXRWD		
\$ NODV;	/	
	/	
	0	
	6	
% NODV;		

O\JLQDQW P EDODQGãLR P;Q VX NRYR P;Q O\JLQDQWãDOWĪPĒQEDQĐEãLR P;Q V

/LHWXYRV <sup>3</sup>PRQ;VH SDJDPLQWĐ NLDXãLQLÐ HNVSURUWDV

.RN\E;V NODV;V	SDJDO VYRU <sup>3</sup>	3RN\WLW
9LãWĐ NLDXãLQLDL VX OXNãWDLV	EDODQGLVDVDULVNRYDV	EDODQGEVQHVL R PHWĐ
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	/	
	0	
	6	
% NODV;		" "

O\JLQDQW P EDODQGãLR P;Q VX NRYR P;Q O\JLQDQWãDOWĪPĒQEDQĐEãLR P;Q V  
" ± NRQ;GHQFLDOĪV GXRPHQV

9LãpLXNĐ EURLOHULĐ VNHUGHQĐ SDUGDYLP R YLGXWLQ;V GLGPHQLQ;V gamintoj

3DYDGLQLPDV	VDY	VDY	VDY	VDY	VDY	3RN\WLW
,ãGDULQ;WD VNHUGHQ;O; \$ NODV;	±					VDYDLWHWĐ
.UĪWLQ;O;V ĵOH .1 NRGDV						
.XOãHO;V .1 NRGDV	"	"	"	"	"	

O\JLQDQW P VDYDLW VX VDYDLWH O\JLQDQWãDOWĪPĒQEDQĐEãLR P;Q V  
3DVWDED 9LGXWLQ;V NDLQRV VNDLpLXRMDPRV VYHUWLQLX EĪG

9LãpLXNĐ EURLOHULĐ VNHUGHQĐ SDUGDYLP R YLGXWLQ;V GLGPHQLQ

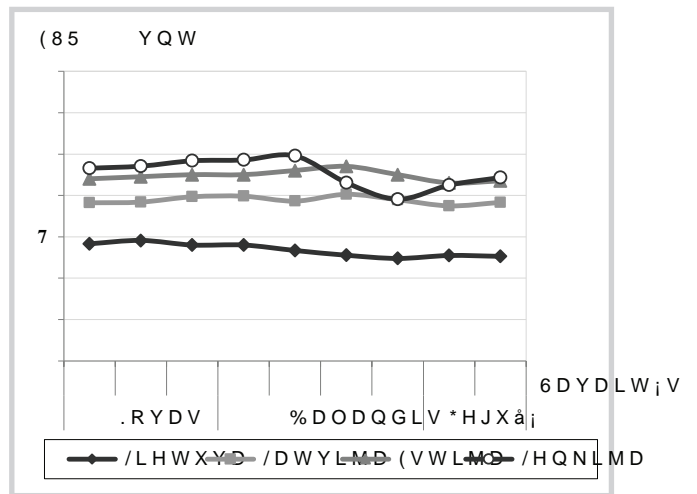
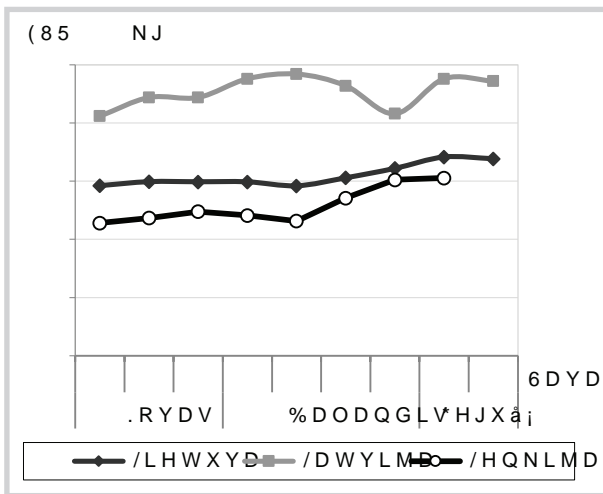
3DYDGLQLPDV	VDY	VDY	VDY	VDY	VDY	3RN\WLW
,ãGDULQ;WD VNHUGHQ;O; \$ NODV;	±	±	±	±	±	VDYDLWHWĐ

O\JLQDQW P VDYDLW VX VDYDLWH O\JLQDQWãDOWĪPĒQEDQĐEãLR P;Q V  
O\JLQDQW P VDYDLW VX P VDYDLWH



GĭO VHJRQLăNXPR LU PDâHVQĭV 'SDNLMRVRV YLOGDXYQW  
 ULQNRMH VXPĐă;MXVL JDY\ED DâNăGXRPHQVĐYVNDILOĐăLQLĐ H  
 WDLSDW GLGHVQĭGDOLV NLDXăLQLĐ SDUGDYLPRLVGLGPHQLQĭV  
 ODLNRPĐ YLăWĐ NXUL P , NHWYLUPĭLX SDGLGĭMR SSURFF PDăLDX QHL SULHă PH  
 6WDWLWLVNLRV GHSDUWDPHQVWRVXVLăNDXLDăăLQLĐ HNVSRUV  
 GXRPHQLPLV P , NHWYLUĐWEXMB LPSRĐQXRYQW /HQNLMR  
 POQ YQW NLDXăLQLĐ ±(VWLĐDRF GĐXQLĐXQW  
 QHL P ,9 NHWYLUW<sup>3</sup> LU SURP GĐXJLDXăYDHPĐăRMRĭQ6  
 SULHă PHWXV 'DXJLDXVLD NLDXăLQLĐ SDUGDYLPRLVGLGPHQLQĭV  
 ODLNRWDUSLX <sup>3</sup>YHăWD Lă /DW.YRPMRLVMRV±(VWLĐDRF GĐXQLĐXQW  
 /HQNLMRV POQ YQW 6XRPLMLR±YDVĐQRYQW (6 SDXNă  
 W VLQIV SVO

9LăpLXND EURLOHULĐ VNHUGHQĐ YLGXWLQĭV /LU 0 NDWHJRULMĐ VYHUWLQĭV N  
 SDUGDYLPRLVGLGPHQLQĭV EH 390 /LHWXYR /HQNLMRMH P NRYR±JHJXăĭ  
 /HQNLMRMH P NRYR±JHJXăĭ



âDOWăLQĐ /ăĒ035,6\$, LU (. YLGXWLQĭV / LU 0 NDWHJRULMĐ VYHUWLQĭV N  
 NDLQRV (85 SDWHLNWRV(\$2JYDODWWRVQNDP  
 âDOWăLQĐ /ăĒ035,6, /9\$, LU =65,5

âYLHăLĐ VXSDNXRWĐ NLDXăLQLĐ SDUGDYLPRLVGLGPHQLQĭV

.RN\ĖĭV NODVĭV	SDJDO WYRUVDY					3RN\WLV	
	±	±	±	±	±	VDYDLW	WĭWĐ
\$ NODVĭ							
/ QXR J LNL J							
0 QXR J LNL J							
9LGXWLQĭ /±0							
O\JLQDQW P VDYDLW VX VDYDLWH						âDOWăLQĐ /ăĒ035,6	
O\JLQDQW P VDYDLW VX P VDYDLWH							
3DVWDED YLGXWLQĭV NDLQRV VNDLĐLXRMDPRV VYHUWLQLX ĖĭG							

âYLHăLĐ VXSDNXRWĐ NLDXăLQLĐ SDUGDYLPRLVGLGPHQLQĭV

.RN\ĖĭV NODVĭV	SDJDO WYRUVDY					3RN\WLV	
	±	±	±	±	±	VDYDLW	WĭWĐ
\$ NODVĭ							
/ QXR J LNL J							
0 QXR J LNL J							
9LGXWLQĭ /±0							
NDLQRV (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YDOLXWRăDĐXWLQLV =65,5							
O\JLQDQW P VDYDLW VX VDYDLWH							
O\JLQDQW P VDYDLW VX P VDYDLWH							



9LGXWLQ;V GLGPHQLQ;V YLăpLXNĐ EURLOHULĐ VNHUGHQĐ \$ NODV;V  
(85 NJ EH 390

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

9LGXWLQ;V GLGPHQLQ;V âYLHâLĐ VXSDNXRWĐ NLDXăLQLĐ /±0 NDW NDLQRV

9DOVW\E;ı	'DWD					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLW;ı	PHWĐ
/LHWXYD							
/DWYLMD							
(VWLMD							
%HOJLMD							
%XOJDULMD							
ýHNLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD							
,VSDQLMD							
3UDQFĭjLMD							
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9HQJULMD							
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2ODQQLMD							
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5XPXQLMD							
6ORY;QLMD							
6ORYDNLMD							
6XRPLMD							
âYHGLMD							
(6 YLGXWLQ;ı	NDLQD						

O\JLQDQW P VDYDLW VX VDYDLWH âDOWLQLV (.  
 O\JLQDQW P VDYDLW VX P VDYDLWH  
 QHSDWHLNWL GXRPHQ\V



VXGDU; WĪNVW W LU EXYR3HU SURF VPD&HLVQ&LWDVDULR PiQ  
 QHL P WXR SDpLX ODLNR WDSULW D 3HU G&DĪ PHWÐ SURF W W  
 NHWXULV PiQHVLXV GDXJHO\PH â H&C&D&O&LHLYLGXW LQWXR SDpLX  
 GLGPHQLQ; EURLOHULÐ PiVR&D&S&L&G&V&D&P&S&D&N&â&W&D&H&D&D&J&L&P&S&M&R  
 SDGLG;MR DSLH SURF 7XR SDpLX W&D&L&W&R&W&D&U&S&L&X 7&D&I&Q&W&D&Q&G&R  
 SDXNâpLÐ JULSR SURWUĪNLÐ N&X&U&L&H&O&S&M&R&V&L&G&L&M&R&U&W&R&S&P&D&R&F&P&W&R&V  
 JUXRG&LR PiQ LU W VLDVL LN&D&L&P&O&G&M&S&U&R&F&S&D&W&S&D&U&N&H&Q&L&P&S&R&U&W  
 NDUDQWLQR VPDUNLDL VXO;WiMR&W&D&U&S&W&D&S&X&Q&â&W&L&H&Q&R&V&NL&H&N&L&X  
 (. GXRPHQLPLV P VDXVLR±Y&D&W&I&N&V&W&R&P&I&Q&LU 8NUDLQRV  
 (6 GDXJLDXVLD SDXNâWLHQRV HNVSRUWDVYR 3DQ RV 3HU âLÐ  
 LPSRUWR DSLPWLV VXGDU;W W&S&U&R&F&S&D&W&S&D&U&N&H&Q&L&P&S&R&U&W&D&V&L&â 1RU  
 EHQGUR (6 SDXNâWLHQRV HNVSRUWR NĪHNLR W&D&P&D&â&H&V&O&L&X&V  
 NLHNLXV (6 HNVSRUWDYR W 8NUDLQ&G&M&R&D&W&R&W&D&P&D&L&D&L&V&L&B&H&V  
 3 .RQJR 'HPRNUDWLQ 5HV&X&E&O&L&N&W&I&N&V&W&R&D&S&U&L&E&R&M&L  
 )LOLSLQXV WĪNVWĪW&W&U&S&D&O&J&L&Q&W&L&V&X  
 .LWÐ âDOLÐ HNVSRUWDV VXGDU;W W&S&U&R&F&S&D&W&S&D&U&N&H&Q&L&P&S&R&U&W&D&V  
 HNVSRUWR NLHNLR WĪNVW W P&â 8NUDLQRV SURYLQF  
 YD&D&U&L&R PiQ SDO\JLQWL VX&S&U&D&J&M&X&W&L&D&W&X&R&S&D&O&L&X  
 ODLNRWDUSLX GDXJLDXVLD SDXNâWLHQRV LPSRUWR&G&D&O&L&V (6  
 SDGLG;MR 3 8NUDLQ SURF R 3 )LOLSLQXV LU  
 +RQNRQJ ± VXP&â;MR LU SURF âDOWLQLDL âĒ.9& /âĒ035,6 (.  
 .DL NXULÐ SDXNâWLHQRV JDPLQLÐ JDPI&ED /LHWXYRV 3PI

*DPLQLR SDYDGLQLP&BV NRGDV	3DJDPQLQWD		3RN\WLV	
	EDODQ&NR&Y&DV EDODQ&GLV		PiQHVL&RPHWÐ	
âYLH&L DUED DW&âDO&G\WL QHVX&N&D&SR&WL YL&âpL&X&N&D&L				
âYLH&L DUED DW&âDO&G\WL QHVX&N&D&SR&WL NDOD&N&X&W&D&L				
âYLH&L DUED DW&âDO&G\WL YL&âpL&X&N&Ð JDED&O&D&L				
âYLH&L DUED DW&âDO&G\WL NDOD&N&X&W&Ð JDED&O&D&L				
8&â&âDO&G\WL QHVX&N&D&SR&WL YL&âpL&X&N&D&L				
8&â&âDO&G\WL YL&âpL&X&N&Ð JDED&O&D&L				
8&â&âDO&G\WL NDOD&N&X&W&Ð JDED&O&D&L				
9DO&J&R&P&L&H&M&L SDXNâWLHQRV VXESUR&G&X&N&W&D&L				
.LWL JDPLQLDL DUED NRQV&H&U&Y&D&L L&â NDOD&N&X&W&LHQRV				
.LWL JDPLQLDL DUED NRQV&H&U&Y&D&L L&â SDXNâWLHQRV				

O\JLQDQW P EDODQ&â&LR PiQ VX NRYR PiQ âDOWL&EQ&L&â& /âĒ035,6  
 O\JLQDQW P EDODQ&â&LR PiQ VX P EDODQ&â&LR PiQ  
 SDWLN&VOLQWL GXRPHQ\V

/LHWXYRV 3PRQ;VH SDJDPLQWÐ SDXNâWLHQRV JDPLQLÐ S

*DPLQLR SDYDGLQLP&BV NRGDV	3DUGXRWD		/LHWXYRV ULQ&NR&M&L&W&R&VH (6 âDO\&VH	
	NRY&D&EDODQ&GLV		SRN\WLV SRN\WLV	
âYLH&L DUED DW&âDO&G\WL QHVX&N&D&SR&WL YL&âpL&X&N&D&L				
âYLH&L DUED DW&âDO&G\WL YL&âpL&X&N&Ð JDED&O&D&L				
âYLH&L DUED DW&âDO&G\WL NDOD&N&X&W&Ð JDED&O&D&L				
8&â&âDO&G\WL QHVX&N&D&SR&WL YL&âpL&X&N&D&L				
8&â&âDO&G\WL YL&âpL&X&N&Ð JDED&O&D&L				
8&â&âDO&G\WL NDOD&N&X&W&Ð JDED&O&D&L				
9DO&J&R&P&L&H&M&L SDXNâWLHQRV VXESUR&G&X&N&W&D&L				
.LWL JDPLQLDL DUED NRQV&H&U&Y&D&L L&â NDOD&N&X&W&LHQRV				
.LWL JDPLQLDL DUED NRQV&H&U&Y&D&L L&â SDXNâWLHQRV				

O\JLQDQW P EDODQ&â&LR PiQ VX NRYR PiQ âDOWL&EQ&L&â& /âĒ035,6  
 " ± NRQ;GHQ&FL&D&O&I&V GXRPHQ\V



### 3 LHQR LU SLHQR JDPLQLD ULQND

P VDXVLR;YDQV DULV WEDVHR SLHQR JDP\ED WDLSDW WX  
 VXPDA;MR ADOLR SLHQR VXSLU,MLPDLMRUMHNDU NXGHLDSLQORRVH  
 JDPLQLD JEDEDPHWD VDXVQR;YDQV DULV RMDPX ODLNRWDPUSLX S  
 (6 YDOVWE;V VXSLUNR VDXVLR;YDQV DULV SLHQR ±(6 YDOVWE  
 SURF PDALDX QHL SULHAPPEWNOLESQVBOJXRMDP/80 JDP\ED  
 ODLNRWDPUSLX /LHWXYRMH ADOLR SLHQRNVEYRW VXS HWXWBMH  
 SURF PDALDX QHL P VDXVLR;YDQV DULV RMDPX/80 JED\ED SDGL  
 YLVR WWINV SURJQRJXRMD NLNG VAILDLW PMWDL SURJQRJXRMD N  
 GLG;MDQW NDUYLD SLHQLQJXJPLAEDQ6RYISOMWRE;JDP\WU;WDE  
 WXU;WED SDGLG;WL DSLH SURFHTQ;SQHLADOLF \$LULMRMH  
 WXU;WED EIWLVHELDPDVLGLGALDXVLDV VDXVLR;YDQV DULV RMDPX  
 DXJLPDV VXLMLV VX LADXJXS LRERVUNLHEDOD EDGGQPDV WROL

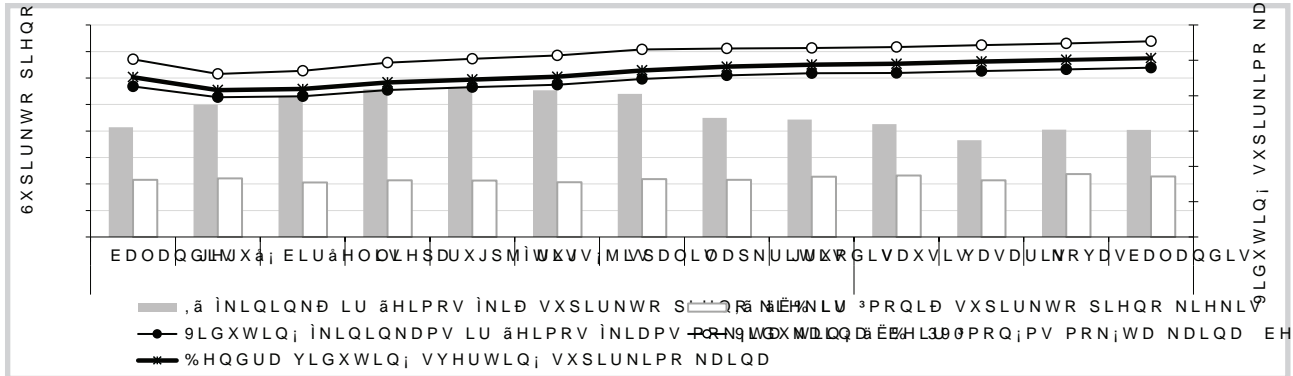
ADOLR SLHQR VXSLUNLPR NLHNLDL (6 YDOVWE;VH W

9DOVWE;V	3RN\WLV		
	NRYDV	VDXVLV	YDVDULV
%HOJLMD			
%XOJDULMD			
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9RNLHWLMD			
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*UDLNLMD			
,VSDQLMD			
3UDQFIJLMD			
.URDWLMD			
,WDOLMD			
.LSUDV			
/DWYLMD			
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/LXNVHPEXUJDV			
9HQJULMD			
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1\GHUODQGDL			
\$XVWULMD			
/HQNLMD			
3RUWXJDOLMD			
5XPXQLMD			
6ORY;QLMD			
6ORYDNLMD			
6XRPLMD			
6YHGLMD			

EH 390

SDVWDED <sup>2</sup> /LHWXYRV ADOLR SLHQR VXSLUNLPR NLHN<sup>3</sup> <sup>3</sup>WUDXNWD ADOLHV SLHQR SHUGL  
 NLHNLDL EHL NLHNLDL VXSLUNWL WLHVLRJLDL LAD /LHWXYRV LU NLWD (6 YDOVWE\ED SLH  
 Q\JLQDQW P NRYR P;Q\JLQDQV DULV RMDPX RRYR P;Q VADOWLQLV RYR;P;Q /AD035,6 LU

ADOLR SLHQR VXSLUNLPRV /LHWXYRMH LAD ADOLHV SLHQR



%DJLQLD URGLNOLD ULHEXPDV ± EDOW\PLQJXPDV ±  
<sup>2</sup> YLGXWLQ;V VYHUWLQ;V VXSLUNLPR NDLQRV LU EHGGUR VXSLUNLPR NLHNL RSVNDLPDL  
 VNLUWR SHUGLUEWL <sup>3</sup>PRQLD YLGXMH YHUW;EHL NLHNLV ADOWLQLV AÄ,.9& /AÄ035,



(6 YDOVW\E;VH VLHN; WINVWYRV SIDU DEPLYQRWD SURV ANVW W V  
PDâHVQ; P VDXVLR±YDVD UFLRâ IPDQ QRLNLHWL MRYM XVLR±YDVD U  
LU 3UDQFijLMRMH GLGâLDXVLRVâL DW D H V D(6V DDXVLRV YDLVD ULR P  
VYLHVWR JDP\ERV âDO\ VH VYLMXRV RS DPXE D DLXPRVâPMS LX SHUQD  
DWLWLQNDPDL SURF LNL WLMWNRJL DW YDUWRW SLURJDP ED (6  
LNL WINVW W /LHWXYRMH QDUBIEQ; MDEX ODLW RNDWJ SWX R

3DVDXOLQ;V NDL NXULÐ SLHQR JDPLQLÐ NDLQRV (85

\*DPLQLR SDYDGLQLP DV 9LGXWLQ; NDLQD

-\$9

	VDY					SRN\WLV
	±	±	±	±	±	VDYDLWPHWÐ
6YLVHW DV \$\$						
6iULV &KHGGDU OXLWDLV						
/30 &HQWULQLV LU 5\WÐ UHJLRQDV )2%						
130 1DFLRQDOLQLV YLG )2%						
âUijÐ PLOWHOLDL &HQWULQLV UHJLRQDV )2%						
	9DNDUÐ (XURSRMH HNVSRUWXL )2%					

	± VDY			± VDY		SRN\WLV
	±	±	±	±	±	VDYDLWPHWÐ
6YLVHW DV ULHE						
/30						
130						
/\G\W DV VYLHVW DV						
âUijÐ PLOWHOLDL						

2NHDQLMRV YDOVW\E;VH HNVSRUWXL )2%

	± VDY			± VDY		SRN\WLV
	±	±	±	±	±	VDYDLWPHWÐ
6YLVHW DV ULHE						
/30						
130						
6iULV &KHGGDU						

/30 ± QXJULHEWR SLHQR PLOWHOLDL 130 ± QHQXJULHEWR SLHQR PLOWHOLDL QLQV 86'\$  
\*NDLQRV XâVLHQLR YDOVW\E;VH (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YD  
O\JLQDQW GYL SDVNâDQW VDYDLWPHV P DWLWLQNDPÐ ODLNRWDUSLÐ GXRPHQLV  
O\JLQDQW P ± VDYDLWPHV VX ± VDYDLWjPLV

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

9DOVW\E; JDPLQ\V 0DW 3RN\WLV  
YQVE DODQGLV UNRY DEDODRQD

/DWYLM D

7LOV\WDL DL NJ

(VWLM D

\*HULDPDVLV SLHQDV ULHE LâIDVXRWDV 3 SO;YHO;V IDVXRWHV

\*HULDPDVLV SLHQDV ULHE LâIDVXRWDV 3 WHWUDSDNR IDVXRWHV

6YLVHW DV ± NJ OXLWDLV NJ

6YLVHW DV ± ULHE LâIDVXRWDV SR ± J IDVXRWHV

(GDP ViULDL NJ

\*RXGD ViULDL NJ ...

9DUâN;V ViULDL ULHE NJ

/HQNLMD

6YLVHW DV ULHE OXLWDLV NJ

6YLVHW DV ULHE IDVXRWDV NJ

1HQXJULHEWR SLHQR PLOWHOLDL NJ

1XJULHEWR SLHQR PLOWHOLDL NJ

âUijÐ PLOWHOLDL NJ

(GDP ViULDL NJ

(PPHQWDOHU ViULDL NJ

ORjDUW\QDL NJ

JDPLQRWMD YLGXWLQ;V VYHUWLQ;V NDLQRV EH 390 âDOWLQLDL /9\$(, (, LU S  
O\JLQDQW P EDODQGâLR JRPDQWX NRYR EDDODQGâLR PiQ VX P EDODQGâLR PiQ  
NDLQRV XâVLHQLR YDOVW\E;VH (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YD



äDOLR SLHQR VXSLUNLPR NDLQRV (6 YDOVW\EjVH (85

9DOVW\Ej					3RN\WLV	
	NRYDV	VDXVLV	YDVDULV	NRYDV	PjQHVLV	PHW
%HOJLMD						
%XOJDULMD						
ýHNLMD						
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9RNLHWLMD						
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\$LULMD						
*UDLNLMD						
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3UDQFĭjLMD						
.URDWLMD						
,WDOLMD						
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/LHWXYD						
/LXNVHPEXUJDV	"	"	"	"		
9HQJULMD						
0DOWD						
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\$XVWULMD						
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3RUWXJDOLMD						
5XPXQLMD						
6ORYjQLMD						
6ORYDNLMD						
6XRPLMD						
âYHGLMD						

9LGXWLQj (6

3DVWDED 1DWĭUDODXV ULHEXPR SLHQDV VXSLUNWDV /LHWXYRMH P PjQ UN  
 EDOW\PLQJXPR PjQ ULHEXPR EDOW\PLQJXPR PjQ ULHEXPR  
 VNHOELDPRV SDJDO P EDODQGáLR G (XURSRV .RPLVLMRV 3\YHQGLQLPR UHJODPH  
 O\JLQDQW P NRYR PjQ \JLQDQW DULRPPjQ NRYR PjQ VX P NRYR PjQ " ± NRQĭGHQ

âDOWLQLDL äĒ.9& /äĒ035,6

äDOLR SLHQR HNVS RUWDV Lã LHWXYRV 3 NLWDV (6 ä

/LHWXYRV SLHQR VXSLUNLPR NDLQRV (6 YDOVW\EjVH	EDODQ	PjQHVLV	PHW
äDOLR SLHQR HNVS RUWDV Lã LHWXYRV 3 NLWDV (6 äDOLV			

1DWĭUDODXV ULHEXPR SLHQDV

9LGXWLQj HNVS RUWDV Lã LHWXYRV 3 NLWDV (6 äDOLV			
9LGXWLQLV ULHEXPDV			
9LGXWLQLV EDOW\PLQJXPDV			
%HQGUDV HNVS RUWXRW DV NLHNLV 3 NLWDV (6 äDOLV			

,ã WR VNDLpLDXV

NLHNLV	t	"		
3 /HQNLMD	YLGXWLQj NDLQD(85 W	"		
	YLGXWLQLV ULHEXPDV	"		
	YLGXWLQLV EDOW\PLQJXPDV			

%DjLQLD URGLNOLD SLHQDV

%HQGUDV HNVS RUWXRW DV NLHNLV 3 NLWDV (6 äDOLV			
9LGXWLQj HNVS RUWDV Lã LHWXYRV 3 NLWDV (6 äDOLV			

O\JLQDQW P EDODQGáLR PjQ VX NRYR PjQ  
 O\JLQDQW P EDODQGáLR PjQ WXHUWLRQ ELDODQJLRQ PjQ  
 EDjLQLD URGLNOLD SLHQDV ULHEXPDV ±XRWDE SDWDLRPHWRGLN SDW SLHUWINDW pLLHWX  
 PLãND ĭNLR PLQLVWHULMRV P YDVDULR G 3VDN\PX 1U  
 " ± NRQĭGHQFLDOĭV GXRPHQIV  
 3DVWDED 'XRPHQ\ SDWHLNWL UHPLDQWLV 3LHQR VXSLUNLPRãDOWDQGLVYĒR9RjQHĒQR5D



äDOLR SLHQR VXSLUNLPDV Lã /LHWXYRV SLHQR JDPLQWRM

äDOLR SLHQR VXSLUNLPDV SDJDO WLHN	EDODQGLV	6XSLUNWDV	SLHQR	NLHNLV	W9LGXWLQ; NDLQD	(85 W
YDV DULR	NRYDV	EDODQGLV	PiQHVL	PHW	EDODQGLV	3RN\WLV

1DWIUDODXV ULHEXPRLSHQDV

ä ÌNLQLQNÐ LU äHLPRV ÌNLÐ QHWDLNDQW QXRVDLWÐ						
,ä åHPiV ÌNLR EHQGURYLÐ LU ³PRQLÐ QHWDLNDQW QXRVDLWÐ						
6XSLUNWD Lã YLVR QHWDLNDQW QXRVDLWÐ						
6XSLUNWD Lã YLVR WDLNDQW QXRVDLWDV						
%HGGUDV NLHNLV						
9LGXWLQ; NDLQD						

%DJLQLÐ URGLNOLÐ SLHQDV

ä ÌNLQLQNÐ LU äHLPRV ÌNLÐ						
,ä åHPiV ÌNLR EHQGURYLÐ LU ³PRQLÐ						
%HGGUDV NLHNLV						
9LGXWLQ; NDLQD						

3DVWDED 1DWIUDODXV ULHEXPRLSHQDV VXSLUNWDV Lã /LHWXYRV SLHQR JDPLQWRMÐ  
 ULHEXPRL EDOW\PLQJXPR PiQ ULHEXPRL EDOW\PLQJXPR PiQ  
 SDWHLNWL SDJDO 3LHQR VXSLUNLPR LU SDUGDYLRP PiQHVLR DWDVNDLW 36  
 9LGXWLQ; VYHUWLQ; /LHWXYRV SLHQR JDPLQWRMDPV PRNiWD NDLQD EH 390  
 O\JLQDQW P EDODQGãLR P QDQW NRYR P EDODQGãLR PiQ ED\QLQLEPUREBODDQGLSLHQRV  
 EDOW\PLQJXPDV ± SHUVNDLpLXRWDV UHPLDQWLV PHWRGLND SDWYLUWLQWD /  
 PiQ G ³VDN\PX 1U  
 ² YLGXWLQ;V VYHUWLQ;V VXSLUNLPR NDLQRV LU EHQGUR VXSLUNLPR NLHNLV DSVNDLpL  
 SLHQR VNLUWR SHUGLUEWL ³PRQLÐ YLGXMH YHUW; EHL NLHNLV

äDOWLQLV äË,.9& /äË035,

äDOLR SLHQR LPSRUWVDV ³ /LHWXYRV Lã NLWÐ (6 äDOLR

äDOLR SLHQR LPSRUWVDV ³ /LHWXYRV Lã NLWÐ (6 äDOLR	EDODQGLV	YDV DULR	NRYDV	EDODQGLV	PiQHVL	3RN\WLV
SLHQR VXSLUNLPR LU SHYUWUELRP ³PRQLÐ						

1DWIUDODXV ULHEXPRLSHQDV

9LGXWLQ; LPSRUWXRWDV NLHNLV Lã NLWÐ (6 äDOLR						
9LGXWLQLV ULHEXPDV						
9LGXWLQLV EDOW\PLQJXPDV						
%HGGUDV LPSRUWXRWDV NLHNLV Lã NLWÐ (6 äDOLR						

,ä WR VNDLpLDXV

Lã /D	NLHNLV	t				
	YLGXWLQ; NDLQD(85 W					
	YLGXWLQLV ULHEXPDV					
	YLGXWLQLV EDOW\PLQJXPDV					

%DJLQLÐ URGLNOLÐ SLHQDV

%HGGUDV LPSRUWXRWDV NLHNLV Lã NLWÐ (6 äDOLR						
9LGXWLQ; LPSRUWXRWDV NLHNLV Lã NLWÐ (6 äDOLR						

O\JLQDQW P EDODQGãLR P QDQW NRYR P EDODQGãLR PiQ VX P EDODQGãLR PiQ  
 VYHUWLQ; EHVYUWUWLQLV  
 EDJLQLÐ URGLNOLÐ SLHQDV ULHEXPDV ±XRWDV EDOW\PLQJXPDV PHWRGLND SBDWYLUWLQWD  
 PLãND ÌNLR PLQLVWHULMRV P YDV DULR G ³VDN\PX 1U  
 'XRPHQ\ SDWHLNWL SDJDO 36 3LHQR VXSLUNLPR LU SDUGDYLRP PiQHVLR DWDVNDLW  
 äDOWLQLV äË,.9& /äË035,





.DL NXULÐ SLHQR JDPLQLÐ YLGXWLQ;V VDYDLWLQ;V NDLQRV JDPLQWRMÐ (6

*DPLQ\V	9DOVW\E;VDY	VDY	VDY	VDY	VDY	VDY	3RN\WLV
	±	±	±	±	±	±	VDYDLRHWÐ
LāIDVXRWDV	OXLWDLV						
LāIDVXRWDV	3/PDāHVQH						
IDVXRWHV							
LāIDVXRWDV	OXLWDLV						
LāIDVXRWDV	OXLWDLV ±						
LāIDVXRWDV	SRURF± ULHE						
LāIDVXRWDV	OXLWDLV						
LāIDVXRWDV	9RNLHWLMD						
, UīāLV	3UDQFĭJLMD						
LāIDVXRWDV	9RNLHWLMD						
ġUPLQLV	,WDOLMD						
LāIDVXRWDV	OXLWDLV						
LāIDVXRWDV	6ORYDNLMD						
LāIDVXRWDV	OXLWDLV						
LāIDVXRWDV	SRURF± ULHE						
LāIDVXRWDV	OXLWDLV						
LāIDVXRWDV	3/PDāHVQH						
IDVXRWHV							
<b>ES vidutinė kaina</b>							
LāIDVXRWDV	OXLWDLV NLOP;V						
āDOLV	\$QJOLMD						
LāIDVXRWDV	3 PDāHVQH						
IDVXRWHV	NLOP;V āDOLV						
\$QJOLMD	.DUDO\WVĭ						
LāIDVXRWDV	3 PDāHVQH						
IDVXRWHV	NLOP;V āDOLV						
\$LULMD							
<b>ES vidutinė kaina</b>							
LāIDVXRWL SR	/DWYLMD						
LāIDVXRWL SR	9RNLHWLMD						
LāIDVXRWL SR	3UDQFĭJLMD						
LāIDVXRWL SR	%HQJLMD						
LāIDVXRWL SR	1\GHUODQGD						
LāIDVXRWL SR	ġHNLMD						
LāIDVXRWL SR	6ORYDNLMD						
LāIDVXRWL SR	/HQNLMD						
<b>ES vidutinė kaina</b>							
LāIDVXRWL SR	-XQJWLQ;ĭ						
LāIDVXRWL SR	.DUDO\WVĭ						
<b>ES vidutinė kaina</b>							
LāIDVXRWL SR	9RNLHWLMD						
LāIDVXRWL SR	3UDQFĭJLMD						
LāIDVXRWL SR	%HQJLMD						
LāIDVXRWL SR	1\GHUODQGD						
LāIDVXRWL SR	ġHNLMD						
LāIDVXRWL SR	/HQNLMD						
<b>ES vidutinė kaina</b>							
LāIDVXRWL SR	9RNLHWLMD						
LāIDVXRWL SR	1\GHUODQGD						
LāIDVXRWL SR	ġHNLMD						
LāIDVXRWL SR	/HQNLMD						
<b>ES vidutinė kaina</b>							
LāIDVXRWL SR	-XQJWLQ;ĭ						
LāIDVXRWL SR	.DUDO\WVĭ						
<b>ES vidutinė kaina</b>							
*RXGD							
7LOVLW	/LHWXYD						
.LHWLHML LOJDL	EUDQGLQ'WL						
(GDP	(VWLMD						
(GDP	/DWYLMD						
&KHGGDU							
(PPHQWDO	SRURF± ULHE						
3DUPLJLDQR							
*UDQD 3DGDQR	WDOLMD						
3URYRORQH							

OHQWHO;V W VLQ;V



SVO OHQWHO;V W VLQ;V

*DPLQ;V	9DOVW\E;VDY	VDY	VDY	VDY	VDY	VDY	3RN\WLV
	±	±	±	±	±	±	VDYDLWPHWĐ
3URYRORQH &UHPRQD							
*RUJRQ;ROD							
,WDOLFR	,WDOLMD						
7DOHJJLR							
(GDP	6ORYDNLMD						
(GDP - SURF V P							
(GDP SURF V P							
(PPHQWDO ± SURF V P							
*RXGD ± SURF V P							
(GDP							
*RXGD							
6ĪULĐK;KHGGDU							
(PPHQWDO	/HQNLMD						
OR;JDUHOOD							
)HWD							
3HO;VLQLDL							
Cheddar							
Edam	ES vidutinė						
Gouda	kaina						
Emmental							
&KHGGDU NLOP;V āDOLV							
\$QJOLMD	XQJWLQ;V						
&KHGGDU NLOP;V āDOLV \$LULMD	DUDOLVW;V						

\*NDLQRV XāVLHQLR YDOVW\E;VH (85 SDWHLNWRV VSDJDO DWLWLQNDPRV GDWRV (&% YDOLV  
 O\JLQDQW P VDYDLW VX VDYDLWH  
 O\JLQDQW P VDYDLW VX P VDYDLWH  
 ± Q;UD GXRPHQĐ " ± NRQ;GHQFLDOĪV GXRPHQ;V  
 /LHWXYRV GXRPHQ;V SDWHLNWL UHPLDQWL V 3LHQR JDPLQLĐ SDUGDYLPR VDYDLW;V DWLWL  
 āDOWLQLDL āĒ,.9& /āĒ035,6 (., \$0, /9\$ (., 6=.)

.DL NXULĐ /LHWXYRV 3PRQ;VH SDJDPLQWĐ SLHQR JDPLQLĐ SDNYLGXWLG

*DPLQLR SDYDGLV	NRGDV	SDJDO	YDOVW\E;VH	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY	VDY
	GLUHNW;Y (%)			±	±	±	±	±	±	±	±	±	±	±	±	±	±	±	±
6YLHVWDVVOXLVSDRY																			
ULHEXPRLD;VXRWDV																			
6ĪULDL																			
*RXGD																			
7LOVLW																			
.LHWLHML LOJDL EUDQGLQWL																			

VYHUWLQ;V JDPLQWRMĐ EH 390 āDOWLQLV āĒ,.9& /āĒ035,  
 O\JLQDQW P VDYDLW VX VDYDLWH  
 " ± NRQ;GHQFLDOĪV GXRPHQ;V

SDGLG;MR SURFĪNLVNL W 3ULĐ;VXYRMDHV DQDOL;XRMDPX ODLN  
 PHWDLV G;O &29, '± SDQGHPLVXP Dā;MRXVL SURF ĀLBNL WĪNY  
 SLHQR JDPLQLĐ SDNODXVD LU YD;N;EDFLM;DLWUNWĐDVL NDG  
 VWDELOL;XRWL V (. SURJQR;XRMDLVNRG SAMODXR;V SLHQR DQpLE  
 JDP;ED WXU;WĐ āLHN WLHN VXP Dā;VXYRDUWRM;PQ;V āV D;PH VHN  
 āLHN WLHN SDGLG;WL DSLH DSLH SURF SURF R VIULĐ HNVSRUV  
 1DJULQ;MDPX ODLNRWDUSLVXUV;V D;E;VPL;EDSLH SURF GLG  
 YDOVW\E;VH VLHN; WĪNVWU;VWLHL;LXP;VDSWĀNRV (6 VIUL  
 SURF GLGHVQ;QHL P VDYDLW VDYDLW VDYDLW VDYDLW VDYDLW VDYDLW  
 7DUS (6 YDOVW\E;VH ,WDOLMRMH3DWHLN;D;D;P;Y;L;V;S;D;G;H;G;V;R;O;H;Q;W;X;  
 GDXJLDXVLD ± DSLH SURF SURF JDPLQLV WĪNVWU;V W āDOWLQLV (.



3LHQR VXSLUNLPDV Lã SVHQR/LRÆEDQWQDRLR PjQ GHãLP  
LU PRNDPD NDLQD P VDXXRSLRÆEDQWQDRLR PjQ GHãLP  
PjQ9² äHPjV ÌNLR LQIRUPDFQDRWUDUDNDKDLRHEXPR SLHQR D  
YHUVOR FHQWUR WYDUNRPRÆ /BHMQRV RDSINHQWRMDPLQWRM  
LQIRUPDFLQjV VLVWHPRV WRBODLXLQWÆ, V9& 3\$,P WXR SDpLX  
GXRPHQLPLV SDWYLUWLQWRXSLSNHQRV SXSSLLGNMRR WìNV  
³PRQjV WROLDX ± VXSLUNLP.RW³PRQjVH Lã SLHQR JDPLQ  
VDXVLR±EDQDQDãLR SLHQR ND PINQWRMÆDUj WìNVW W L  
VXSLUNR WìNVW W YLGXHWLQLRVXSLUSURF P VDXVL  
ULHEXPR SLHQR P VDXVLRÆEDQDQDãLRWìNVW W DUED  
± WìNVWGXWSQR ULHEXPÆ, .9& 3\$,6 P EDODQGãL  
SLHQR R P VDXVLR±EDQDQDãLR PjQ GDXJLDX NDLS W  
WìNVW W YLGXWLQLR SURF± BHMEXPRSLUNWD Lã  
SLHQR 3DO\JLPQWDXVLR±EDQDQDãLR SLHQR JDPLQWRMÐ ,ã YLV  
PjQ SLHQR VXSLUNLPDV VXPDXQDMD SURQR DDQDQWRMÐ N  
WìNVW W EDQDQDãLR PjQPHWR GDOLV VXGDUj SUR  
VXSLUNWD WìNVW W SLBQRQR ± SURF ± VXSLUNjMD  
äË, .9& 3\$,6 GXRPHQLPLV JDPLQWQDQL NXULÐ DPãLXV QX  
GãLR PjQ VXSLUNLPR ³PRQLÐ SLHQRFJDVXLQDWRMSLPHQR JDPLQ  
PRNjWD YLGXWLQj IDNWLQj EDJLQD UR ÆHMQLÐ DSLHQX VLD N  
NDLQD VX SULHGDV LU QXRDVINDR VSRPIQR JDFRQLQDQMDL NXU  
IDNWLQj EDJLQLÐ URGLNOLÐPNVIEQDLHQROJDIPQXWRMIDL Y\UH  
P EDODQGãLR PjQ SDGLGjMSURF SURFLDU-DXQLHML SLH  
VXGDUj (85 W 3DO\JLQXVDRãLXV LNLNRYR ODLNR SUR  
PjQ IDNWLQH EDJLQLÐ URGINQLSDSNQNDGMDLZXNDRUYLD ±  
SURF GLGHVQj äHPjV ÌNLR ³PRQjVH  
äË, .9& WYDUNRPRV /LHWXYRãË, H9& V3\$,6LXRPHQLPLV NDU  
LU PDLVWR SURGXNWD ULQNRV LQIRUPDXVIERQEDQDQDãLRPjQ  
GXRPHQLPLV P EDODQGSDBLXjQ YEGXMDLQjRWDUSLX VX  
QDWIUDODXV SURF ULHEXPRLWRMÐ VNSURFEXV ± SURF  
EDOW\PLQJXPR SLHQR VXSLUNLPRSNDREQDQDQWXYRMDQW SLHQ  
SDO\JLQWL VX ãLD PHWÐ NRNRXPjQ MXRFDãQDRNRPD NDUYI  
SURF LU VLHNj (85 SLHQDQWXQWLNVDXV PDãjMR Lã Ì  
P EDODQGãLR PjQ ML ERYR NDSYRÐ 6XSLUNWR SLH  
GLGHVQj ãLD PHWÐ NRYR P, QDLNDRQjDPLQWRMDPjV P V  
PRNjWD YLGXWLQj QDWIUDODXjQ ULHEXPRLWRMÐVNSURFEXV ± N  
\UD GLGãLDXVLD LPDQW QXR ODLN\WRMDQDQDãLRPjQ SLHQ  
LNL P EDODQGãLR PjQ SURF ËNLÐ NXULXR VH ODLN  
(XURSRV .RPLVLMRV äHPjV ÌNRYRDLU SDDLPXRR GDPR SLHQR  
SOjWURV JHQHUDOLQLR GLUHSHURFUDãVQXR ãDQN WìNVWMDLWR ±  
GXRPHQLPLV (XURSRV 6PMXQDQDãLRV PjQ LNL P WìNV  
EDODQGãLR PjQ PRNjWD YLVXWLQj ËNDQDãLRPjQ  
QDWIUDODÐ SLHQ VLHNj (8ËNLQLÐ SDYDQDQWMLLVWR W  
VX P EDODQGãLR PjQ ËËXYRGXRPSQRPLV P JHJX  
GLGHVQj \$QDOLjXRMDPX ODLNMRXYDRUSHL XEXYRG³XUMUQYWUXRW  
QDWIUDODXV SLHQR VXSLUNLPRLNDLQDN/DUWYLEM RMH VLUHNFj PD  
(85 W /HQNLMRMH ± (85XW \$DYLXMDLNRWDUSLX 3LH  
(85 W LU SDO\JLQXV VX WìNVWQDQDãLRWRMÐ NXULH  
PjQ /DWYLMRMH NDLQD SNGUYNDR QHV SURFLV ÌNLXR VH S  
/HQNLMRMH SDGLGjMR SURFYD\WWRMMDRMDH VSDYRL GjMLRN PjPV  
SURF DWLGXRGDPD WLHVLRJLDL YDUW  
äË, .9& 3\$,6 GXRPHQLPLV ãDOWLRLV äË, .9& 3\$,6 ± 3LHQR DSVNDLWR



3LHQR JDPLQWRMĐ LU NDUYLĐ VNDLpLXV LU VXSLUNWR SLHQR NLHNLV

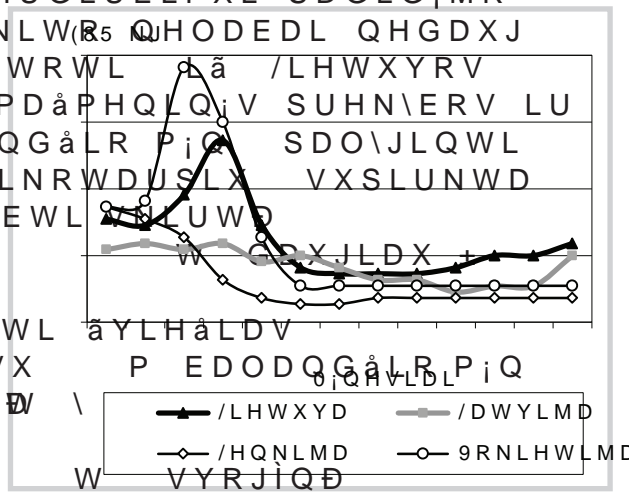
6DYLYDOG\i	*DPLQWRMĐ VXLUN;MDPV	WLNHXV6XSLHQR MĐ VXS LUN9WDXWLQLV	NDUYLĐ YQW
\$NPHQ;V U VDY			
\$O\WDXV U VDY			
\$Q\NãpLĐ U VDY			
%LUãWRQR VDY			
%LUâĐ U VDY			
'UXVNLQLQNĐ VDY			
(OHNWU;QĐ VDY			
,JQDOLQRV U VDY			
-RQDYRV U VDY			
-RQLãNLR U VDY			
-XUEDUNR U VDY			
.DLãLDGRULĐ U VDY			
.DOYDULMRV VDY			
.DXQR P VDY			
.DXQR U VDY			
.DJQĐ 5ĪGRV VDY			
.HOP;V U VDY			
.ODLS;GRV U VDY			
.UHWLQJRV U VDY			
.XSLãNLR U VDY			
.;GDLQLĐ U VDY			
/DJGLMĐ U VDY			
0DULMDPSRO;V U VDY			
0DãHLNLĐ U VDY			
0RO;WĐ U VDY			
3DJ;JLĐ VDY			
3DNUXRMR U VDY			
3DQHY;ãLR U VDY			
3DVYDOLR U VDY			
3OXQJ;V U VDY			
3ULHQĐ U VDY			
5DGYLOLãNLR U VDY			
5DVHLQLĐ U VDY			
5LHWDYR VDY			
5RNLãNLR U VDY			
6NXRGR U VDY			
7DXUDJ;V U VDY			
7HOãLĐ U VDY			
7UDNĐ U VDY			
8NPHUJ;V U VDY			
8WHQRV U VDY			
9DU;QRV U VDY			
9LONDYLãNLR U VDY			
9LOQLDXV U VDY			
=DUDVĐ U VDY			
ãDNLĐ U VDY			
ãDOpLQLQNĐ U VDY			
ãLDXOLĐ U VDY			
ãLODO;V U VDY			
ãLOXW;V U VDY			
ãLUYQLQWĐ U VDY			
ãYHQpLRQLĐ U VDY			
,ã YLVR			

ãDOWLQLV äĒ,.9& 3\$,6 ± 3LHQR DSVNDLWRV



%XOYLD GDUARYLD LU YDLVLD ULQN

P EDODQGåLR P;Q /LHWXYRVD EXOXWLDQ;V NDLQRV *augintoju*  
 LU GDUARYLD VXSLUNLPDV SHUGLUELPXL VRYHYDOWWIEiVH ±  
 R åYLHåLDP YDUWRMLPXL ± NLWR(85 Q)HODEDL QHGDXJ  
 %XOYLDVLUWÐ åYLHåLDV YDUWRWL å /LHWXYRV  
 DXJLQWRMÐ GLGPHQLQ;V LU PDåPHQLQ;V SUHN\ERV LU  
 NLWRVH ³PRQ;VH P EDODQGåLR P;Q SDO\JLQWL  
 VX P DWLWLQNDPX ODLNRWDUSLX VXSLUNWD  
 SURF GDXJLDX W BHUGLUEWL UWÐ  
 EXOYLD VXSLUNWD SURF  
 W  
 'DUARYLD VNLUWÐ YDÐWRWL åYLHåLDV  
 EDODQGåLR P;Q SDO\JLQWL VX P EDODQGåLR P;Q  
 VXSLUNWD SURF PDåLDXWÐ \  
 VXSLUNLPDV VXSDåFMRLNW  
 PRUND ± SURF LNL W VYRJQÐ  
 ODLåND SURF LNLXURN;OLDL NDLQRV XåVLHQLR YDOVWIEiVH (85 SDWHLN  
 SURF LNL W DJXUND ± åDOWLQLV åË,.9& / åË035,6 /9\$(, =6  
 LNL W EDOWDJiåLD SURFåVWÐ  
 LNL 7DVLDPXIVQDNÐ VXSLUNLPDV åDOWPKRMDX SHULRGX EXYR PDåHV  
 SDGLG;MR NDUWR LNL ODXNR GDUARYLD DWVDUJRV DXJL  
 NRSiVWÐ SURF LåRPLGRUD ± SDVLEDLJ; DONVPLDX QHL SUD;MX  
 SURF LNL W VYRJQÐ ± EXYR SURF VXSLUNWD PDåLDX  
 LNL W 3DVLEDLJXV ODXNXRVH LåDXJLQWDP  
 GHUOLXL VDORWÐ VXSLUNLPDV EXOYLD LU P ODåSNULPLR  
 EXYR GDXJ PDåHVQLV QHV YLHQDV LNLV UHNROåVWUXRMD  
 åLOWQDPLXV LU NRO NDV QHDXJLQD VDORWÐ WRGiO MÐ SDVLIOD



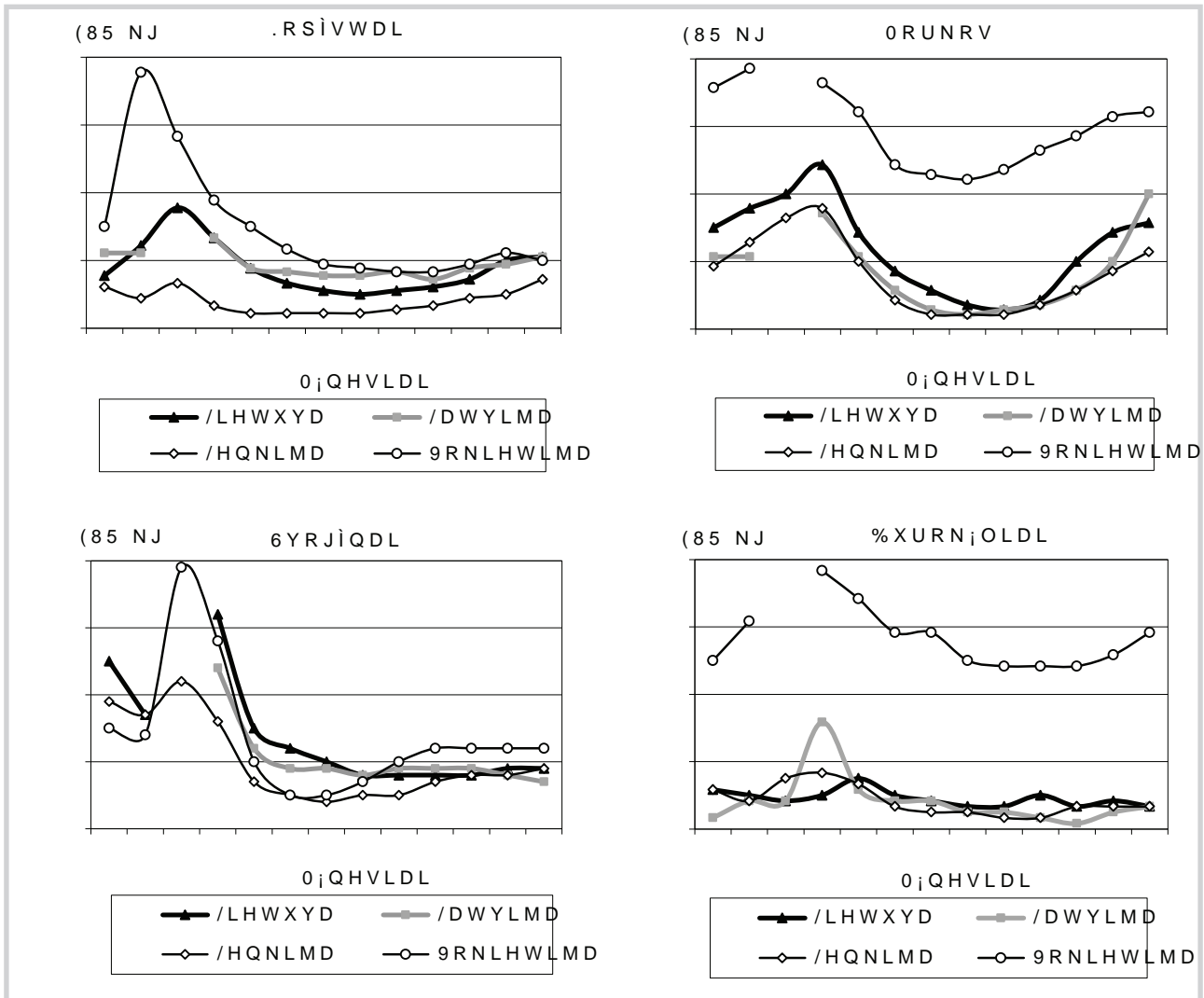
%XOYLD GDUARYLD LU REXROLD YLGXWLQ;V SDUGDYLPR NDLQRV /L  
 (85 NJ EH 390

3URGXNFLMD	VDY ±				3RN\WLV			
	'DWDY ±	VDY ±	VDY ±	VDY ±	VDYDLW;VPHWÐ			
	PLQ PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNV	
%XOY;V								
0RUNRV QHSODXWRV								
0RUNRV VNXVWRV								
%DOWDJiåLDL NRSiVWDL								
%XURN;OLDL								
6YRJQDL								
6YRJQÐ ODLåNDL								
6DORWRV								
6DORWRV YQW								
åSLQDWDL								
3ULHVNRQLQ;V åROHO;V YQW								
,OJDYDLVLDL DJXUNDL								
7UXPSDYDLVLDL DJXUNDL								
3RPLGRUDL								
5DXJLQWL NRSiVWDL								
5DXJLQWL DJXUNDL								
2EXROLDL								

EXOYLD LU GDUARYLD NDLQÐ VNLUWXP OHPLD NRN\i; SUHNLQLV SDUXRåLPDV SDWHLN  
 O\JLQDQW P VDYDLW VX VDYDLWH  
 O\JLQDQW P VDYDLW VX P VDYDLWH åDOWLQLV åË,.9& / åË035,



'DUåRYLÐ YLGXWLQ;V NDLQRV augintoju /LHWXYRMH LU NLWRVH



NDLQRV XåVLHQLR YDOVWIE;VH (85 SDWHLNWRåDSDWLDL DLW LåLQD PãE0 3SDWRX9\$(& % =%6

3LHYDJUVENLEUWÐ YDUWRWL VYXSHLUNLVPDV SDGLG;MR W SURF  
 EDODQGåLR P;Q SDO\JLQWL VXRJìQEXYR WLVSLUNDPÐ NDU  
 ODLNRWDUSLX VXSLUNWDW SURFW GDXJLNDX ± NDUWR GDXJ  
 2EXROLÐ EXYR VXSLUNWD EDOWDJìNDLNSLHWD ± WNDUWR  
 PHWXV WLN W QHV SHUQURRFXOLD SURWV DUXRYLDW  
 WRNLX ODLNX MDX EDLJ;VL R7åNHFDWUMÐ QDWXGWHNRYLNDL DJ  
 YDVDURV SUDGåLRV EXYR VXSLUNWD SURF PDåLD  
 3HUGLUELPR ³PRQ;VHP;Q P EDODQGåLR  
 SDO\JLQWL VX P EDODQGLR P;Q åDOWLQLV äE,.9& /äE035,

%XOYLD LU GDUåRYLÐ VXSLUNLPR Lå /LHWXYRV DXJLQWRMÐ SHUGI

3URGXNFLMD	EDODQGLVYDV DULV NRYDV	EDODQGLV;QHVL R PHWÐ	3RN\WLV
%XOY;V			
%DOWDJìåLDL NRSìVWDL			
0RUNRV			
%XURNìOLDL			
6YRJìQDL			

O\JLQDQW P EDODQGåLR P;Q VX NRYR P;Q åDOWLQLV äE,.9& /äE035,  
 O\JLQDQW P EDODQGåLR P;Q VX P EDODQGåLR P;Q



%XOYLÐ GDUåRYLÐ SLHYDJU\ELÐ LU REXROLÐ VXSLUNLPR  
 åYHLåLDP YDUWRMLPXL NDLQRV (85 NJ EH 390

3URGXNFLMD	0DåPHQLQ;VLGPHQLQ;V.LWRVH			9LGXWLQ;NDLQD			9LGXWLQ;VNDLQR		
	SUHN\IERV	3URQ\VERV	3PRR\QVH	YLVRVH	3PRQ;VH	SRN\WLV	YLVRVH	3PRQ;VH	SRN\WLV
%XOY;V									
%DOWDJiåLDL NRSiVWDL									
5DXGRQJiåLDL NRSiVWDL				•	-	-			
0RUNRV									
%XURN;OLDL									
\$JXUNDL									
3RPLGRUDL		•	•	•			•	•	
ýHVQDNDL			•	-			•	•	
6YRJiQDL									
6YRJiQÐ ODLåNDL				•	•				
6DORWRV	•	•	•	-	-	-			
3LHYDJU\ELDL				•	•	•			
2EXROLDL									

O\JLQDQW P EDODQGåLR P;Q VX NRYR P;Q åDOWLQLV äË,.9& /äË035,  
 O\JLQDQW P EDODQGåLR P;Q VX P EDODQGåLR P;Q  
 " ± NRQ;GHQFLDOiV GXRPHQ;V

%XOYLÐ GDUåRYLÐ YDLVLÐ LU XRJÐ NDLQRV /HQNLMRV GLGPHQLQ;V S

'DUåRY;V YDLVLDL	'DWD			3RN\WLV		
	XPURV	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNVPLQ	PDNV
%XOY;V						
åYHLåLRV EXOY;V						
0RUNRV						
%XURN;OLDL						
6YRJiQDL						
5DXGRQLHML VYRJiQDL						
%DOWDJiåLDL NRSiVWDL						
åYHLåL EDOWDJiåLDL NRSiVWDL						
5DXGRQJiåLDL NRSiVWDL						
.LQLQLDL NRSiVWDL						
6DYRMRV NRSiVWDL						
åLHGLQLDL NRSiVWDL						
6DOLHUDL						
åDNQLQ;V SHWUDåRO;V						
3RUDL						
7UXPSDYDLVLVDL DJXUNDL						
3RPLGRUDL ± PP						
3RPLGRUDL ± PP						
3RPLGRUDL ± PP						
3RPLGRUDL ± PP						
*iåLQ;V VDORWRV						
\$LVEHUJR VDORWRV						
*DUEDQRWRV VDORWRV						
'HVHUWLQ;V EUDåN;V	*DOD PP					
	*ROGHQ 'HOLF PP					
	GDUHG PP					
	/LJRO PP					
	åDPSLRQ PP					

± DXJLQWRMÐ DUED SUHN\ELQLQÑ YLGXWLQ; NDLQD ³YDLULXR;BOWQ;MRPDUN#MRQ  
 O\JLQDQW VX  
 YQW NDLQD



### 7HFKQLNRV ULQND

'HJDOÐ NDLQRV GLG;MD OÐLN RWDUSLX LP;QG\]SHORLQ DV(VKLYNRR M  
 GLGPHQLQ;V GHJDOÐ NDLQRV GLSURR \$%/HQL(LMRMH ± SUR  
 /LHWXYD³ 8\$% Ä7RPHJD³ 8\$%ÄVXDXM HGD³  
 'LGPHQLQ; G\]HOLQR NDLQD DQDOL]XRMDPX äDÐLN RWDUSLX UHJLVWU  
 SDGLG;MR SURF G\]HOLQR SURR \$%/HQL(LMRMH ± SUR  
 EHQJLQR \$ ± SURF DXWRPRELOÐ GXMÐ (# LU NLWÐ äDOL  
 SURF R NURVQLÐ NXUR ± SURF P JHJXå;V (85 0  
 P;Q SDO\JLQWL VX P DW  
 GLGPHQLQ; G\]HOLQR NDLQD :  
 G\]HOLQR åHP;V ÌNLXL ± SU äDOLV  
 0DåPHQLQ;V GHJDOÐ LåVN  
 GXMÐ NDLQRV P JHJXå;V  
 Ä/XNRLO /LHWXYD³ 8\$% Ä6WDWLMÐ )XHO 5HWDLO  
 /LHWXYD³ 8\$% Ä1HVWH /LHWXYD³ 8\$% Ä% DOWLF  
 3HWUROHXP³ 8\$% Ä-RJLWD³ 8\$%ÄYLVWLM D³ 8\$%  
 Ä6DXULGD³ 0DåPHQLQ; G\]HOLQR åHP;V ÌNLXL  
 NDLQD DQDOL]XRMDPX ODLNRWDUSLX SDGLG;MR SURF  
 G\]HOLQR ± SURF EHQJLQR \$%/HQL(LMRMH ± SUR  
 DXWRPRELOÐ GXMÐ ± VXPDA;MRVQLMD+HUFHJRYLQÐ  
 P DWLWLQNDPX ODLNRWDUSLX JLOLMDåPHQLQ; G\]HOLQR  
 NDLQD SDGLG;MR SURF R \$%/HQL(LMRMH ± SUR  
 SURF yHNLMD

P JHJXå;V P;Q QDIWRV ÌNLQD 1LXMRUNR  
 ELUåRMH SDGLG;MR SURF P JHJXå;V SUDGåLRMH  
 1LXMRUNR ELUåRMH åYLHVL MD QDIWD EXYR SUHNLDXMDPD  
 SR 86' (85 R P;QHVLRLSMD LJRMRH  
 NDLQD SDGLG;MR LNL 86' \*UXJLMD5 Xå EDUHO³  
 7DUSWDXWLQ;V NHOLD WUDQVSRUWR V MXQJRV GXRPH  
 QLPLV P JHJXå;V P;Q SDELRMRH EHQJLQDV  
 \$ NDLP\QLQ;VH äDO\]VH EXYR SLJHVQLV 5XVLMRMH  
 ± SURF %DOWDUXVLMRMH-XRGND SURR R /HQLNMRMH  
 ± SURF (VWLMRMH EHQJLQD]DFK VWDQDQDOL]XRMDPX  
 ODLNRWDUSLX EXYR SURF RRYD VYLMRMH ± SURF  
 EUDQJHVQLV QHJX /LHWXYRMH /DWYLMB QDV DQDOL]XRMDPX  
 ODLNRWDUSLX EXYR SLJHVQLV /VWLMMD 5XVLMRMH SURF  
 LU %DOWDUSLX VWRMRH DWYLMRMH /DQDOL]XRMDPX  
 /LXNVHPEXUJDV

'DWD	GLGPHQLQ;V	PDåPHQLQ;V	GLGPHQLQ;V	PDåPHQLQ;V	'DWD
VDY	±				1\GHUODQGD L
VDY	±				3HUX
VDY	±				3RUWXJDOLMD
VDY	±				3UDQFijLMD
VDY	±				5XPXQLMD
VDY	±				5XVLM D
VDY	±				6HUELMD
VDY	±				6ORYDNLMD
VDY	±				6ORYiQLMD
VDY	±				6XRPLMD
VDY	±				åYHGLMD
VDY	±				åYHLFDULMD
VDY	±				7XUNLMD
VDY	±				8NUDLQD
VDY	±				8UXJYDMXV
VDY	±				9HQJULMD
VDY	±				9RNLHWLMD

O\JLQDQW P VDYDLW VX VDYDLW HJLQDQWJLQDQW VDYDLW VX P VDY  
 VDYDLW VX P åDOWLQDLW Hå.9& /åÈ035,6 äDOWDUSWDXWLQ; NHOLD WUDQV





ODLVWR SURGXNWÐ PDåPHQLQj ULQND

3LHQR SURGXNWÐ YLGXWLQjV PDåPHQLQjV NDLQRV /LHWXYRV GLG

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQj VYHUWLQj NDLDQD (85 PDW YQW 3RN\WLV	VDYDRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ
					VDY	DRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ	VDY
					VDY	DRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ	VDY
*HULD	SDVWHULjXRWD	WHWUDSDNH	OEH DNFLMÐ						
PHGáLDjD	EH SULHGÐ	SODVWLNQLDPH	OEH DNFLMÐ						
SLHQD	NYDSLDMÐEXPR	PDLáHO\MH	OEH DNFLMÐ						
	&D YLWDPLQÐ	WHWUDSDNH	OEH DNFLMÐ						
	LU SDQULHEXP	SODVWLNQLDPH	OEH DNFLMÐ						
	O SDNXRWjMH	PDLáHO\MH	OEH DNFLMÐ						
.HI\UD	ULHEXP	SODVWLNQLDPH	PDLáHO\MH	OEH DNFLMÐ					
	± NJ	WHWUDSDNH	NJEH DNFLMÐ						
*ULHW	ULHEXP	± J	NJ	EH DNFLMÐ					
	± ULHEXP	SROLVWLUHQR	LOGHOMH	NJEH DNFLMÐ					
9DUån	EH SULHGÐ	ULHEXP	NJEH DNFLMÐ						
VIULV	GáLRYLQWÐ	VXSDNXRWDV	NJEH DNFLMÐ						
	YDLVLÐ	ULHEXP	NJEH DNFLMÐ						
-RjXU	QDWIUDLáXN\UXV	± J	NJEH DNFLMÐ						
	WDV JHULD	M3± J	NJEH DNFLMÐ						
	VX SULHGLHWLQ	SROLVWLUHQR	LOGHOMH	NJEH DNFLMÐ					
6YLHV	WDV ± J	SHUJDPHQWLQjDPH	EH DNFLMÐ						
	ULHEXP	QDPLQXRWDPH	SRS LHULXMH	DNFLQj					
6DOGLQW	QDPLQXRWDPH	SRS LHULXMH	DNFLQj						
VXWLUáWLQW	± J	VNDUGLQjMH	SDNEXRWjMH	DNFLMÐ					
SLHQD	ULHEXP								
9DUån	ULHEXP	± J	NJ	EH DNFLMÐ					
	EH SULHGÐ	SRS LHULXMH	DUED	DNFLQj					
	OLHVD	SODVWLNQLDPH	NJEH DNFLMÐ						
		PDLáHO\MH	NJEH DNFLMÐ						
)HUPH	*RXGD QHVXSM	DXXV\W	WDV	NJEH DNFLMÐ					
WLQLV	ULHNHOjPLV								
	QHVXSM	DXXV\W	WDV	EH DNFLMÐ					
	ULHNHOjPLV	VXSDNXRWDV		DNFLQj					
	7LQCHWXSM	DXXV\W	WDV	NJEH DNFLMÐ					
	ULHNHOjPLV								

3DXNáWLHQRV SURGXNWÐ LU NLDXáLQLÐ YLGXWLQjV PDåPHQLQjV NDLQRV

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQj VYHUWLQj NDLDQD (85 PDW YQW 3RN\WLV	VDYDRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ
					VDY	DRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ	VDY
					VDY	DRjVjH\PLRWÐ	VDY	DRjVjH\PLRWÐ	VDY
9LáWLHQRV	WYjVLQW	VXSDNXRWL	DUED	NJEH DNFLMÐ					
NHWYLUPLDL	QHVXSDNXRWL								
9LápLXNDV	WYjVLQW	VXSDNXRWDV	DUED	NJEH DNFLMÐ					
YLápLXNDV	QHVXSDNXRWL								
9LáWLHQRV	VNDUGLQjMH	SDNEXRWjMH	DNFLMÐ						
NRQVHUyDL									
1DUYXR	NDLNRjP	BULMD	YQW	EH DNFLMÐ					
YLáWÐ	NLDXáLQLÐ	SDNEXRWL	3 SRS LHULXMH	DNFLMÐ					
\$QW	NUDLNR	DUED	SODVWLNQLQHV						
ODLNR	PD YLáW	SDNXRW	HV	YQW	EH DNFLMÐ				
NLDXáLQLDL	WYjVLQW	GáLD							



0iVRV SURGXNWÐ YLGXWLQ;V PDâPHQLQ;V NDLQRV /LHWXYRV GLGÅ

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQ; VYHUWLQ; NDLQD (85 PDW YQW 3RINWLV)	VDYDR;V;H;PLRWÐ	***	***
					VDYVDYVDYVDY*		
.LDXOL	HåLD Dwado	NXPSLV VX NDXOX	NJEH DNFLMÐ				
		NXPSLV EH NDXOR	NJEH DNFLMÐ				
		VSUDQGLQ; EH NDXOR	NJEH DNFLMÐ				
		QXJDULQ; EH NDXOR	NJEH DNFLMÐ				
		QXJDULQ; EH NDXOR	NJEH DNFLMÐ				
		VXSDNXRWRV	NJEH DNFLMÐ				
		QXJDULQ; EH NDXOR	NJEH DNFLMÐ				
'HåUD	HåUD	NLDXOLHQRV GHåVXSDNXRWRV	NJEH DNFLMÐ				
		LU DUED	NJEH DNFLMÐ				
		MDXWLHQRV GHåVXSDNXRWRV	NJEH DNFLMÐ				
		LU DUED	NJEH DNFLMÐ				
		YlãWLHQRV GHåVXSDNXRWRV	NJEH DNFLMÐ				
0iVRV NRQVH	HåUD	WURãNLQWD NLDXOLHQRV	NJEH DNFLMÐ				
		UYDL	NJEH DNFLMÐ				
		WURãNLQWD NLDXOLHQRV	NJEH DNFLMÐ				

%XOYLD GDUåRYLD LU YDLVLÐ YLGXWLQ;V PDâPHQLQ;V NDLQRV /LHWXYRV

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQ; VYHUWLQ; NDLQD (85 PDW YQW 3RINWLV)	VDYDR;V;H;PLRWÐ	***	***
					VDYVDYVDYVDY*		
%XOYi	HåUD	OLHWXYLãNRV	NJEH DNFLMÐ				
		VHQR GHUOLDXV	NJEH DNFLMÐ				
		LPSRUWXRWRV	NJEH DNFLMÐ				
		QDXMR GHUOLDXV	NJEH DNFLMÐ				
%XURN	HåUD	YLVÐ NODVLÐ	NJEH DNFLMÐ				
		YLUWL	NJEH DNFLMÐ				
		YLUWL	NJEH DNFLMÐ				
0RUNR	HåUD	OLHWXYLãNRV	NJEH DNFLMÐ				
		VHQR GHUOLDXV	NJEH DNFLMÐ				
		LPSRUWXRWRV	NJEH DNFLMÐ				
%DOWD	HåUD	OLHWXYLãNL	NJEH DNFLMÐ				
		VHQR GHUOLDXV	NJEH DNFLMÐ				
		LPSRUWXRWRV	NJEH DNFLMÐ				
7UXPSD	HåUD	YDLVLÐ	NJEH DNFLMÐ				
		DJXUNDL	NJEH DNFLMÐ				
,OJDYD	HåUD	YDLVLÐ	NJEH DNFLMÐ				
		DJXUNDL	NJEH DNFLMÐ				
3RPLG	HåUD	OLHWXYLãNL	NJEH DNFLMÐ				
		LPSRUWXRWRV	NJEH DNFLMÐ				
3DSUL	HåUD	YLVÐ NODVLÐ	NJEH DNFLMÐ				
		YLVÐ NODVLÐ	NJEH DNFLMÐ				
6YRJQD	HåUD	OLHWXYLãNL	NJEH DNFLMÐ				
		GHUOLDXV	NJEH DNFLMÐ				
2EXROL	HåUD	OLHWXYLãNL	NJEH DNFLMÐ				
		OLHWXYLãNL	NJEH DNFLMÐ				
		*ROGHQ	NJEH DNFLMÐ				
Bananai		QHVXSDNXRWRV	NJEH DNFLMÐ				



\*UÏGÐ SURGXNWÐ YLGXWLQ;V PDâPHQLQ;V NDLQRV /LHWXYRV GLGâL

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQ; VYHUWLQ; NDLOD (85 PDW YQW 3RIN\WLV	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ
					VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ
					VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ
.YHLWLQLDL PLOWDL	HNVWUD UÏâLHV %±)	± NJ SRSLHULQ;MH SDNXRW;MH	NJEH	DNFLMÐ				
		± NJ SRSLHULQ;MH SDNXRW;MH	NJEH	DNFLMÐ				
		± NJ SRSLHULQ;MH SDNXRW;MH	NJEH	DNFLMÐ				
		± NJ SRSLHULQ;MH SDNXRW;MH	NJEH	DNFLMÐ				
'XRQD	WDPVL	EH VSHFLDOLÐ	NJ	DNFLMÐ				
	âYLHVL	SULHGD SRSLSLHULQ;MH DUEÐ GâLR SODVWLNQ;MH SDNXRW;MH	NJEH	DNFLMÐ				
	EDWRQD	YDLVLD ULHâXWÐ LU NW	NJ	DNFLMÐ				
5\âLDL	EH VSHFLDOLÐ SULHGD SRSLSLHULQ;MH DUEÐ SDNXRW;MH	NJEH	DNFLMÐ					
0DNDU	VSDJHPLDL SODVWLNQ;MH SDNXRW;MH	NJEH	DNFLMÐ					
*ULNLÐ NUXRSRV	OHVNDOG\WRV		NJEH	DNFLMÐ				
0DQÐ	NUXRSRV		NJEH	DNFLMÐ				
\$YLâLQ;V	NUXRSRV	SRSLSLHULQ;MH DUEÐ	NJEH	DNFLMÐ				
\$YLâLQLDL	GULSODVWLNQ;MH		NJEH	DNFLMÐ				
0LHâLQ;V	NUXRSRV		NJEH	DNFLMÐ				
3HUOLQ;V	NUXRSRV		NJEH	DNFLMÐ				
6NDOG\WL	âLUQLDL		NJEH	DNFLMÐ				

âXYÐ SURGXNWÐ YLGXWLQ;V PDâPHQLQ;V NDLQRV /LHWXYRV GLGâL

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQ; VYHUWLQ; NDLOD (85 PDW YQW 3RIN\WLV	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ
					VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ
					VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ	VDYDYLQ;H\PLRWÐ
-ÏLQ;V	OÏG\WRV	SODVWLNQ;MH DUEÐ PDLâHO\MH	NJEH	DNFLMÐ				
\$WODQWLQ;V	âYLHâLRV V QXR LNL	VX JDOYRPLV NHVXSDNXRW;MH	NJEH	DNFLMÐ				
0HQN;V	ÏO;XââDOG\WD	SODVWLNQ;MH DUEÐ PDLâHO\MH	NJEH	DNFLMÐ				
.DUSLDL	âYLHâLDL	SDVNHUVWL	NJEH	DNFLMÐ				
6ÏG\WRV	VLQHLâGDULQ;WRV JDOYRPLV	VX QHVXSDNXRW;MH	NJEH	DNFLMÐ				
-ÏLQLDL	HâLQ;V	NDUâLWDL UÏN\WL	NJ	DNFLQ;V				
6NXPEU;V	âDOWDL UÏN\WL	VXSDNXRW;MH DUEÐ QHVXSDNXRW;MH	NJEH	DNFLMÐ				
âXYÐ NRQV	HâLQ;V	± J	NJEH	DNFLMÐ				
DOLHMXMH	VNXPEU;V	VNDUGLQ;MH SDNXRW;MH	NJEH	DNFLMÐ				

SVO OHQWHO;V W VLQ;V

.LWÐ PDLVWR SURGXNWÐ YLGXWLQ;V PDâPHQLQ;V NDLQRV /LHWXYRV

3URGXNWDV		ODWDYL PR YQW	9LGXWLQ; VYHUWLQ; NDLQD (85 PDW YQW 3RIN\WLV	VDYDLW;V\PLRWÐ	VDYDLW;V\PLRWÐ	VDYDLW;V\PLRWÐ	VDYDLW;V\PLRWÐ	VDYDLW;V\PLRWÐ
&XNUX	SRSLHULQ;MH DUED SODVWLNQ;MH SDNXRW;MH	EH DNFLMÐ DNFLQ;V						
*HULD YDQGX	PHJD;XRWDV EXWHO;MH	EH DNFLMÐ DNFLQ;V						
0DLVW DOLHM	UDSVÐ LQLV XV VDXO;JU âÐ	EH DNFLMÐ DNFLQ;V						
0HGXV	QDW;UDOXV	SODVWLNQLDPH LQGHO;MH NJEH DNFLMÐ						
'UXVND	MRGXRD EH SULHGÐ	SRSLHULQ;MH DUED SODVWLNQ;MH SDNXRW;MH NJEH DNFLMÐ						

QXR LNL LU QXR LQIRUPDFLMD UHQJLDPD SDJDO 8\$% Ä/LGO /L  
8\$% Ä3DOLQN³ LU 8\$% Ä5LPL /LHWXYD³ SUHN\ERV WLQNOÐ LQWHUQHWR VYHWDLQLÐ LU  
NDLQDV QH³WUDXNLDPRV SUHN\ERV WLQNOÐ SULYDpLÐ SUHNLÐ âHQNOÐ SURGXNWÐ NDL  
O\JLQDQW P VDYDLW VX VDYDLWH  
O\JLQDQW P VDYDLW VX VDYDLWH  
O\JLQDQW P VDYDLW VX P VDYDLWH äDOWLQLV äË,.9& /äË035,

### âDOWLQLÐ VXWUXPSLQLPDL

\$0\$ ± \$JUDUPDUNW \$XVWULD \$XVWULMD  
\$0, ± \$JUDUPDUNW ,QIRUPDWLRQV 9RNLHWLMD  
(. ± (XURSRV .RPLVLMD  
(., ± (HVWL .RQMXQNWXULLQVWLWXXW (VWLMD  
(85267\$7 ± 7KH 6WDWLWVLFDO2vFH RI WKH (XURSHDQ &RPPXQLWLHV  
)\$2 ± -XQJWLQLÐ 7DXWÐ PDLVWR LU âHP;V ÌNLR RUJDQLJDFLMD  
,\*& ± ,QWHUQDWLRQDO \*UDLQV &RXQFLO ' %ULWDQLMD  
/'\$\$ ± /LHWXYRV GDUâRYLÐ DXJLQWRMÐ DVRFLDFLMD  
/9\$(, ± /DWYLM DV 9DOVWV \$JUDUDV (NRQRPLNDV ,QVWLWXWV /DWY  
/äË.7 ± /LHWXYRV âHP;V ÌNLR NRQVXOWDYLP R WDUQ\ED  
/äË0355\$ ± /LHWXYRV âHP;V ÌNLR LU PDLVWR SURGXNWÐ ULQNRV UHJXO  
/äË035,6 ± /LHWXYRV âHP;V ÌNLR LU PDLVWR SURGXNWÐ ULQNRV LQIRUP  
10\$ ± 1DFLRQDOLQ; PR;MLPR DJHW;UD  
1ä7 ± 1DFLRQDOLQ; âHP;V WDUQ\ED  
6'\$,6 ± 6XSLUN;MÐ GXRPHQÐ DSGRURMLPR LQIRUPDFLQ;V VLVWHPRV  
67' ± /LHWXYRV 6WDWLWVWLN RV GHSDUWDPHQWDV  
9097 ± 9DOVW\ELQ; PDLVWR LU YHWHULQDULMRV WDUQ\ED  
=65,5 ± =LQWHJURZDQ\ 6\WHP 5ROQLFJHM ,QIRUPDFML 5\QNRZHM /H  
äË,.9& ± 9² âHP;V ÌNLR LQIRUPDFLMRV LU NDLPR YHUVOR FHQWUDV  
äË0 ± /LHWXYRV 5HVSXEOLNRV âHP;V ÌNLR PLQLVWHULMD  
äË5 ± äHP;V ÌNLR U;PDL  
86'\$ ± 8QLWHG 6WDWHV 'HSDUWPHQW RI \$JULFXOWXUH -\$9

.RSLMDYLPDV DU SXEOLNDYLPDV YLVR OHLGLQLR DU MR GDOLHV EH UDâWLäNR

< Ä\$JUR 5,1.\$³ (O SDâWDV DJURULQND#YLF OW  
/HLG;MDV 9² âHP;V ÌNLR LQIRUPDFLMRV KWWS ZZZ YLF OW ULV  
NDLPR YHUVOR FHQWUDV 7LUDâDV HJ  
9LQFR .XGLUNRV J 9LOQLXV 6SDXVGLQR 9² âHP;V ÌNLR LQIRUPDFLM  
7HO 9LQFR .XGLUNRV J /7 9LOQLXV