



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

*UÏGDL	'DWD				3RN\WLV			
	VDY		± VDY		VDY		VDYDLW;V PHWÐ	
	EH 13	VX 13	EH 13	VX 13	EH 13	VX 13	EH 13	VX 13
.YLHþLDDL								
HNWUD								
, NODV;V								
,, NODV;V								
,,, NODV;V			"	"				
,9 NODV;V								
5XJLDDL			-	-	"	"	-	-
, NODV;V			"	"	"	"		
,, NODV;V			"	"				
0LHåLDDL								
, NODV;V			"	"	"	"		
,, NODV;V								
VDO\NOLQLDDL			"	"	"	"		
\$YLåRV					"	"		
*ULNLDDL			"	"				
.YLHWUXJLDDL			"	"				
.XNXU;JDL								
äLUQLDDL								
3XSRV			"	"	"	"		
5DSVDL								

NDLQD EH QXRVNDLWÐ SULHå YDO\ P LU GåLRYLQLP LU SULHåPRNRLPLV /åË035,6
 NDLQD VX QXRVNDLWRPLV SR YDO\ PR LU GåLRYLQLPR LU SULHåPRNRLPLV
 O\JLQDQW P VDYDLW VX VDYDLWH
 O\JLQDQW P VDYDLW VX P VDYDLWH
 " ± NRQ;GHQFLDO;V GXRPHQ;V
 3DVWDED *UÏGÐ EHL UDSVÐ LU VDYDLþLÐ VXSLUNLPR NDLQRV SDWLNVLQWRV

*UÏGÐ LU DOLHMLQLÐ DXJDOÐ V;NOÐ VXSLUNLPDV /LHWXYRV

*UÏGDL	'DWD				3RN\WLV			
	EDODQGLVYDV		DULV NRYDV		EDODQGLV;V		QHVL R PHWÐ	
.YLHþLDDL								
HNWUD								
, NODV;V								
,, NODV;V								
,,, NODV;V								
,9 NODV;V								
VSHOWD								
5XJLDDL								
, NODV;V								
,, NODV;V								
0LHåLDDL								
, NODV;V								
,, NODV;V								
VDO\NOLQLDDL								
\$YLåRV								
*ULNLDDL								
.YLHWUXJLDDL								
.XNXU;JDL								
äLUQLDDL								
3XSRV								
\$OLHMLQLÐ DXJDOÐ V;NORV								
5DSVDL								
,å YLVR								

O\JLQDQW P EDODQGåLR P;Q VX NRYR P;Q åDOWåEQ;V /åË035,6
 O\JLQDQW P EDODQGåLR P;Q VX P EDODQGåLR P;Q



*UİĞĐ LU DOLHMLQLĐ DXJDOĐ VİNOĐ SHUGLUELPDV /LH
 Digitalizasyon ve Veri Sistemleri Genel Müdürlüğü /NDLQRV
 /LHWXYRMH (85 W EH 390)

*UİĞDL	'DWD												3RN\WLV					
	EDODQGLV YDVDULV NRYDV				EDODQGLV PİQHVLR				PHWĐ									
	EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX		
.YLHıLDL																		
HNWUD																		
, NODVİ																		
,, NODVİ																		
,,, NODVİ																		
,9 NODVİ																		
5XJLDL																		
, NODVİ																		
,, NODVİ				"	"													
0LHıLDL																		
, NODVİ																		
,, NODVİ																		
VDO\NOLQLDL																		
\$YLıRV																		
*ULNLDL																		
.YLHWUXJLDL																		
.XNXUİİDL																		
äLUQLDL																		
3XSRV																		
5DSVDL																		

NDLQD EH QXRVNDLWĐ SULHı YDO\ P LU GıLRYLQLP LU SULHıPİRLV /äË035,6
 NDLQD VX QXRVNDLWRPLV SR YDO\ PR LU GıLRYLQLPR LU SULHPRNRPLV
 O\JLQDQW P EDODQGıLR PİQ VX NRYR PİQ
 O\JLQDQW P EDODQGıLR PİQ VX P EDODQGıLR PİQ
 " ± NRQİGHQFLDOİV GXRPHQİV

*UİĞĐ LU DOLHMLQLĐ DXJDOĐ VİNOĐ SHUGLUELPDV /LH

*UİĞDL	'DWD												3RN\WLV					
	EDODQGLV YDVDULV NRYDV				EDODQGLV PİQHVLR				PHWĐ									
	EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX	13EH	13VX		
.YLHıLDL																		
HNWUD																		
, NODVİ																		
,, NODVİ																		
,,, NODVİ																		
,9 NODVİ																		
VSHOWD																		
5XJLDL																		
, NODVİ																		
,, NODVİ																		
0LHıLDL																		
, NODVİ																		
,, NODVİ																		
VDO\NOLQLDL																		
\$YLıRV																		
*ULNLDL																		
.YLHWUXJLDL																		
.XNXUİİDL																		
äLUQLDL																		
3XSRV																		
5DSVDL																		
/LQĐ VİPHQİV																		
,ä YLVR																		

O\JLQDQW P EDODQGıLR PİQ VX NRYR PİQ äDOWİEQİV /äË035,6
 O\JLQDQW P EDODQGıLR PİQ VX P EDODQGıLR PİQ



*UÏGÐ LU DOLHMLQLÐ DXJDOÐ VÏNOÐ DWVDUJRV /LHW

*UÏGDL	'DWD		3RN\WLV	
	EDODQGLVYDV DULV	NRYDV	EDODQGLVYDV	PHWÐ
.YLHþL DL				
HN VWUD				
, NODVÏ				
,, NODVÏ				
,,, NODVÏ				
,9 NODVÏ				
VSHOWD				
5XJL DL				
, NODVÏ				
,, NODVÏ				
0LHåL DL				
, NODVÏ				
,, NODVÏ				
VDO\NOLQL DL				
\$YLåRV				
*ULNL DL				
.YLHWUXJL DL				
.XNXUÏJ DL				
åLUQL DL				
3XSRV				
5DSVDL				
/LQÐ VÏPHQ\ V				
,å YLVR				

DWVDUJRV DWLWLQNDPR PÏQHVL R SDEDLJRMH åDOWåEQ L9& /åË035,6
 ** O\JLQDQW P EDODQGåLR PÏQ VX NRYR PÏQ
 O\JLQDQW P EDODQGåLR PÏQ VX P EDODQGåLR PÏQ

*UÏGÐ SURGXNWÐ SDUQDÏY PRLNDLXQVRMH (85 W EH 390

3URGXNWDL	'DWD		3RN\WLV	
	EDODQGLVYDV DULV	NRYDV	EDODQGLVYDV	PHWÐ
.YLHWLQL DL PLOWDL				
DXNåþLDXVLRV UÏåLHV				
SLUPRV UÏåLHV				
5XJLQL DL PLOWDL				
SDVLMRWL " " "				
åYHLVWLQL DL " "				
6ÏOHQRV				
NYLHþLÐ				
UXJLÐ " " "				
DYLåÐ " " "				
.UXRSRV				
NYLHþLÐ				
PLHåLÐ				
SHUOLQÏV " " "				
JULNLÐ " "				
'ULEVQL DL				
DYLåÐ " "				
5DSVÐ DOLHMXV				
ELRN XUR JDP\EDL "				

YLGXWLQÏV VYHUWLQÏV NDLQRV åDOWåEQ L9& /åË035,6
 O\JLQDQW P EDODQGåLR PÏQ VX NRYR PÏQ
 O\JLQDQW P EDODQGåLR PÏQ VX P EDODQGåLR PÏQ
 " ± NRQÏGHQFLDOÏV GXRPHQ\ V



*UÏGÐ LU UDSVÐ YLQj\Wj Qj\Wj ANDQ\Wj (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
 3RUWXJDOLMD
 5XPXQLMD
 6ORYjQLMD
 6ORYDNLMD
 6XRPLMD
 âYHGLMD
 -XQJWLQj .DUDO\WVj

3DãDULQLDL NYLHþLDL

%HOJLMD
 %XOJDULMD
 9RNLHWLMD
 (VWLMD
 *UDLNLMD
 \$LULMD
 /DWYLMD
 /LHWXYD
 9HQJULMD
 2ODQGLMD
 \$XVWULMD
 /HQNLMD
 3RUWXJDOLMD
 5XPXQLMD
 -XQJWLQj .DUDO\WVj

3DãDULQLDL PLHåLDL

%HOJLMD
 %XOJDULMD
 9RNLHWLMD
 (VWLMD
 *UDLNLMD
 ,VSDQLMD
 3UDQFìjLMD
 \$LULMD
 ,WDOLMD
 /DWYLMD
 /LHWXYD
 9HQJULMD

OHQWHOjV W VLQ\W



DQDOLJXRMDPX ODLNRWDUSLXG SO GQIË\$DQDQNLË POQVHURORJL
 LNL POQ W 'LGHVQLV NDQHMËQVLDQDXGROH PDÏMRV PHWX
 QXPDWRPDV SDãDUDPV SUDPRQXJLLQWRMDVWQ;LO .YDXIQDËË PDãH
 VXQDXGRMLPDV GLGHVQLV SURV;ORJËSORWDXW -\$9P GHUOLXLV
 POQ W (6 POQ WW .LQLMRMH KDPO(QVSHUWDL WLNVLV
 8NUDLQRMH POQ W LU NGWROHQSIXVDXOLROãDËWH GLGHVQ
 .YLHþLË DWVDUJRV SDVDXO\WKD WþPLDX ãLV URGLNOLV
 GHUOLDXV PHWË SDEDLJRMH SDGLGRWRJMDOL PÏQQ SDWLNMLOLQV
 UHNRUGLQLR POQ W G\GãLR \$DQDQVNDL MSURVQRJ;XREM N
 SDGLG;WL .LQLMRMH POQ W P (6UDQFPÏQRMWH LUDOL VXPDã
 .DQDGRMH POQ W POQ W 9RNLHWLMRMHW± SU
 (6 ãDO\XH VXPDãLQWD 'LGãLRMRWH %ULWDQLMRMH ±
 GHUOLDXV SURJQRj; 2RNLHWLMDLMDLWLNË SURF LNL PC
 JHJXþiQ GXRPHQLPLV UDSVË GHUOLXLVLP6 ãDQDQ GHUOLDXV
 P JDOL VXGDU\WL POQ XWXQWLRMHWË SURF LNL
 PDãLDX QHL P LU PDãLDXVLDV SHUãSDXWLDWLGHV
 PHWË PHWXV
 ODãHVQLV UDSVË GHUOLDXV SURJQRjXRMDP DV 86'\$ LU \$3. LQIR
 .YLHþLË SORWDV GHUOLQJXPDV LU GHUOLXLV SDVDX

	3ORWVDV POQ			KDHUOLQJXPDV			W KDHUOLXV POQ, W			HUOLDXV SRN\WLV
	+	+	+	+	+	+	+	+		
3DVDXOLV Lã YLVR										
-\$9										
(6										
.LQLMD										
3LHWË \$JLMD										
,QGLMD										
3DNLVWDQDV										
\$IJDQLVWDQDV										
1HSDODV										
196±										
5XVLMD										
8NUDLQD										
.D]DFKVDQDV										
8]EHNLVWDQDV										
%DOWDUXVLMD										
.DQDGD										
3LHWË \$PHULND										
\$UJHQWLQD										
%UDJLOLMD										
8UDJYDMXV										
\$XVWUDOLMD										
\$IULND										
(JLSWDV										
0DURNDV										
(WLRSLMD										
\$Oã\UDV										
9LGXULR 5\WDL										
7XUNLMD										
,UDQDV										
,UDNDV										
6LULMD										
0HNVLND										
6HUELMD										
.LWRV ãDO\V										

P JHJXãiV PiQHVLR SURJQRj; âDOWLQLV 86'\$
 O\JLQDQW ± P VX ± P

*UÏGË LU UDSVË VHNWRULD XV LQIRUPDFLM SDUHQJ; ' 3\UDQWLHQJ; 5



.RPELQXRWĒMĒ SDāDUĒ LU SUHPLNVĒ JDP\ED /LHWXYR

.RPELQXRWLHML SDāDUDL							3RN\WLV
3*3. NRGDV	EDODQGLVD	DULMRYD	VEDODQGL	QHVLR	PHWĒ		

ĒNLQLĒ J\YĪQĒ SDāDUĒ SUHPLNVDL

0LāLQLDL LāVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV
± NLDXOĭPV ± āHUWL

0LāLQLDL LāVN\UXV SUHPLNVXV ĪNLQLDPV J\YĪQDPV
± JDOYLMDPV ± āHUWL

0LāLQLDL LāVN\UXV SUHPLNVXV QDPLQLDPV
SDXNāpLDPV OHVLQWL

.LWL QLHNXU NLWXU QHSULVNLUWL PLāLQLDL LāVN\UXV
SUHPLNVXV ĪNLQLDPV J\YĪQDPV āHUWL

āXQĒ ĭGDODV VNLUWDV PDāPHQLQHL SUHN\EDL

.DpLĒ ĭGDODV VNLUWDV PDāPHQLQHL SUHN\EDL

0LāLQLDL J\YĪQĒ DXJLQWLQĒ ĭGDOXL LāVN\UXV NDpLĒ
DUED āXQĒ ĭGDO VNLUW PDāPHQLQHL SUHN\EDL

,ā YLVR							
O\JLQDQW	P	EDODQGāLR	PĭQ	VX	NRYP	PĭQ	āDOWLQLV āĒ,.9& /āĒ035,
O\JLQDQW	P	EDODQGāLR	PĭQ	VX	P	EDODQGāLR	PĭQ

3DVDXOLQĭ DOLHMLQLĒ NXOWĪUĒ JDP\ED ± P PO

	±	±	±	±	±	±	3RN\WLV
							POQ W

.RSUD

0HGYLOQĭV VĭNORV

3DOPLĒ EUDQGXROLDL

āHPĭV ULHāXWDL

5DSVDL

6RMD

6DXOĭJU āRV

,ā YLVR

O\JLQDQW	±	P	VX	±	P	VHĭRQX	āDOWLQLV 86'\$
----------	---	---	----	---	---	--------	----------------

3DVDXOLQĭ EDOW\PLQLĒ UXSLQLĒ JDP\ED ± P PO

	±	±	±	±	±	±	3RN\WLV
							POQ W

.RSURV

0HGYLOQĭV VĭNOĒ

āXYLHV PLOWĒ

3DOPLĒ EUDQGXROLDĒ

āHPĭV ULHāXWĒ

5DSVĒ

6RMRV

6DXOĭJU āĒ

,ā YLVR

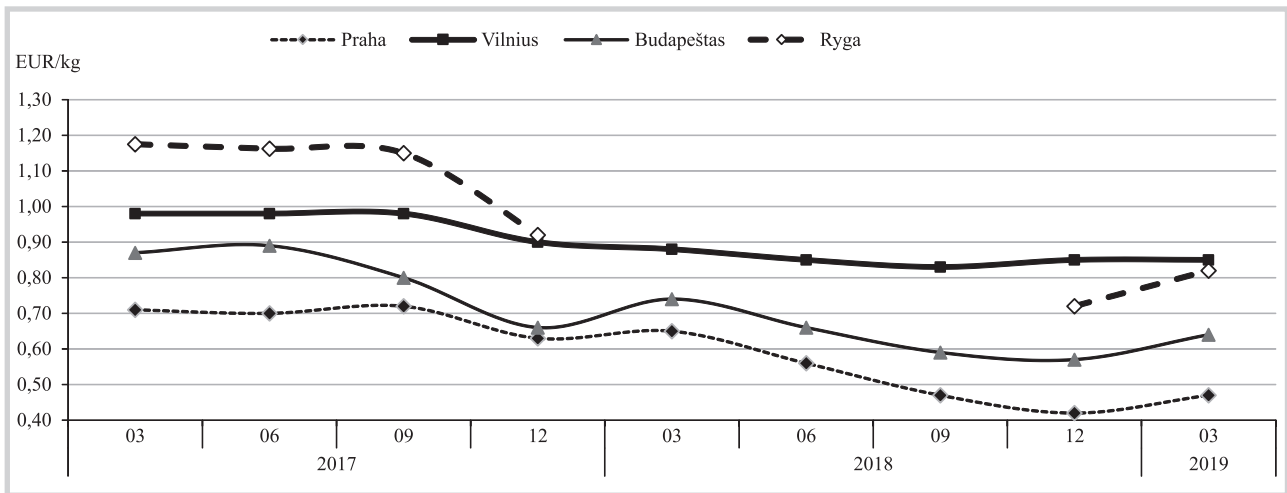
O\JLQDQW	±	P	VX	±	P	VHĭRQX	āDOWLQLV 86'\$
----------	---	---	----	---	---	--------	----------------

3DāDUĒ VHNWRULD XV LQIRUPDFLM SDUHQJĭ 1



&XNUDXV ULQND

ODâPHQLQjV EDOWRMR FXNUDXV NDLQRV NDL NXULÐ (6 äDO



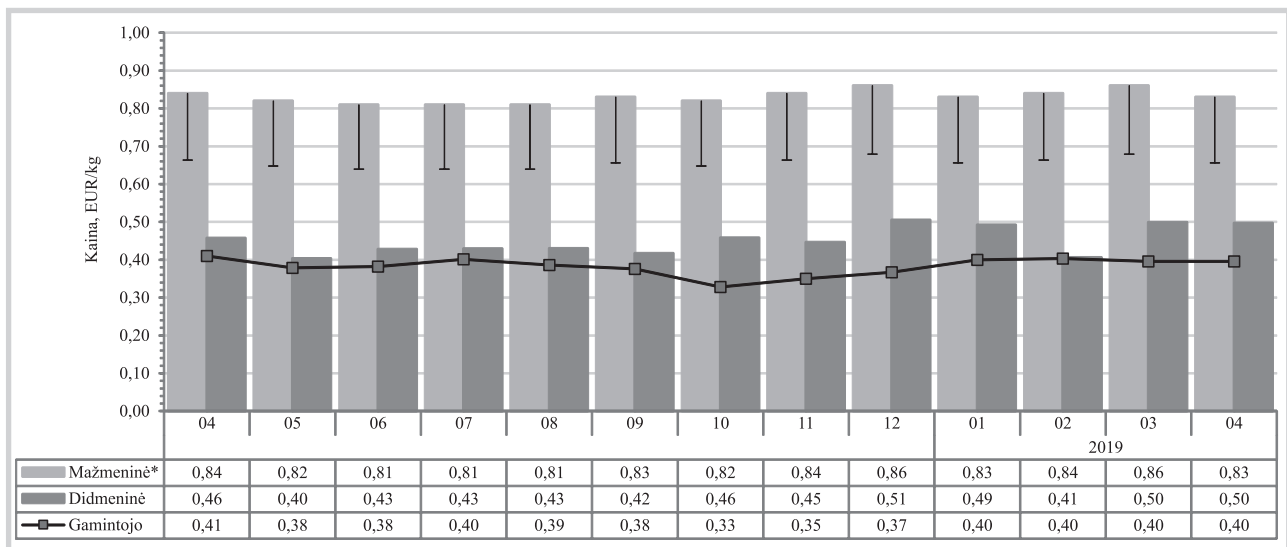
NDLQRV (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% &DOWXWRW NĖU.9& /äĖ035, QjUD SDWHLNWD GXRPHQÐ Xâ P ,±,, NHWYLUW³

&XNUDXV EDODQVDV /LHWXYRMH

(LO 1U	5RGLNOLR SDYDGLQLP DV	.LHNLV W		3RN\WLV	
		NRYDV	YDVDULVNRYDV	PjQHVLR	PHWÐ
\$WVDUJRV	PjQHVLR	SUDGâLRMH			
*DP\ED					
,PSRUWXRWD	³YHâWD				
EDOWRMR	LU âDOLDYLQLR	FXNUDXV			
SHUGLUEWXR VH	SURGXNWXR VH				
(NVSRUWXRWD	LâYHâWD				
EDOWRMR	LU âDOLDYLQLR	FXNUDXV			
SHUGLUEWXR VH	SURGXNWXR VH				
\$WVDUJRV	PjQHVLR	SDEDLJRMH			

O\JLQDQW P NRYR PjQ VX P YDVDULR PjQ äDOWLQLV äĖ,.9& /äĖ035, O\JLQDQW P NRYR PjQ VX P NRYR PjQ QXR P OLHSRV PjQ WLN JDP\ERV LU GLGPHQLQjVH ³PRQjVH

%DOWRMR FXNUDXV YLGXWLQj VYHUWLQj NDLQD /LHWXY



EDOWRMR FXNUDXV PDâPHQLQj NDLQD VX 390 390 GDOLV SDâDPQWQVW XâĖ.H&R/äĖ035,

&XNUDXV VHNWRULD XV LQIRUPDFLM SDUHQJj ;



.LDXOLÐ (NODV;V VXSLUNLPR NDLQRV (XURSRV 6 MXQJRV YDOVW

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

O\JLQDQW P VDYDLW VX P VDYDLWH âDOWLQLV (.
O\JLQDQW P VDYDLW VX P VDYDLWH
± Q;UD GXRPHQ\G HQFLDO;V GXRPHQ\V

\$YLD VXSLUNLPR NDLQRV /LHWXYRV ³PRQ;VH (85 NJ E

.DWHJRULMD	*\YRMR VYRULR		6NHUGHQÐ VYRULR	
		SRN\WLV		SRN\WLV
	EDODQGLV	EDODQGLV	EDODQGLV	EDODQGLV
ULXNDL QH Y\UHVQL NDLS P;Q				
.LWRV DY\ V Y\UHVQ;V NDLS P;Q				
9LGXWLQ; NDLQD				

O\JLQDQW P EDODQGâLR P;Q VX P NRYR P;Q âDOWLQLV /âË035,6
O\JLQDQW P EDODQGâLR P;Q VX P EDODQGâLR P;Q
3DVWDED 9LGXWLQ;V NDLQRV VNDL;LXRMDPRV VYHUWLQLX E;GX

\$YLD LU RâND VNHUGLPDL /LHWXYRV ³PRQ;VH YQW

.DWHJRULMD	3RN\WLV	
	EDODQGLV	EDODQGLV
ULXNDL QH Y\UHVQL NDLS P;Q		
.LWRV DY\ V Y\UHVQ;V NDLS P;Q		
,â YLVR		
2âNRV	-	-

* O\JLQDQW P EDODQGâLR P;Q VX P NRYR P;Q âDOWLQLV /âË035,6
O\JLQDQW P EDODQGâLR P;Q VX P EDODQGâLR P;Q



*DOYLMØ VXSLUNLPR NDLQRV (XURSRV 6 MXQJRV YDOVW\E\iVH (8

9DOVW\E\i	VDY					3RN\WLV	
	±	±	±	±	±	VDYDLW\i	PHWØ
			P\iQHVLD	LU	MDXQHVQL	QHL	P\iQHVLD JDOYLMØDL =
/DWYLMØ							
5XPXQLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD							
,WDOLMD							
ØDOWD							
3RUWXJDOLMD							
6ORYDNLMD	"				"	"	
6ORY\iQLMD							
âYHGLMD							
/HQNLMD							
\$XVWULMD							
(VWLMØ	"	"	"	"	"	"	
%XØJDULMD							
,VSDQLMD							
'LGâLRML %ULWDQLMD							
\$LULMD							
2ØDQGLMD			"				
(6 YLGXWLQ\i NDLQØ							

-DXQL EXØLDL \$

/LHWXYD							
/HQNLMD							
/DWYLMØ							
(VWLMØ	"	"	"	"	"	"	
6ORY\iQLMD							
ÿHNLMD							
9HQJULMD							
ØDOWD							
.LSUDV							
%HOJLMD							
%XØJDULMD							
5XPXQLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD							
,VSDQLMD							
3UDQF\iJLMD							
\$LULMD							
,WDOLMD							
/LXNVHPEXUJDV							
2ØDQGLMD							
\$XVWULMD							
3RUWXJDOLMD							
6XRPLMD							
âYHGLMD							
'LGâLRML %ULWDQLMD							
.URDWLMD							
(6 YLGXWLQ\i NDLQØ							

%XØLDL %

/LHWXYD						"	
(VWLMØ						"	
/HQNLMD							
6ORYDNLMD							
6ORY\iQLMD							
ÿHNLMD							
5XPXQLMD							
'DQLMD							
9RNLHWLMD							
3UDQF\iJLMD							
\$LULMD							
\$XVWULMD							
3RUWXJDOLMD							
âYHGLMD							
/LXNVHPEXUJDV							

ØHQWHO\iV W VLQ\iV



SVO OHQWHO;V W VLQ\V

9DOVW\E;	VDY					3RN\WLV	
	±	±	±	±	±	VDYDLW;P\HWĐ	

%XOLDL %

,WDOLMD							
6XRPLMD							
(6 YLGXWLQ; NDLQD							

.DUY;V '

/LHWXYD							
/HQNLMD							
/DWYLMMD							
(VWLMMD		"	"		"		
6ORY;QLMD							
ýHNLMD							
9HQJULMD							
0DOWD							
.LSUDV							
%HOJLMD							
%XOJDULMD							
5XPXQLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD							
,VSDQLMD							
3UDQFijLMD							
\$LULMD							
,WDOLMD							
/LXNVHPEXUJDV							
2ODQGLMD							
\$XVWULMD							
3RUWXJDOLMD							
6XRPLMD							
âYHGLMD							
'LGâLRML %ULWDQLMD							
.URDWLMD							
(6 YLGXWLQ; NDLQD							

7HO\pLRV (

/LHWXYD	"						
/HQNLMD							
/DWYLMMD							
(VWLMMD	"	"	"	"	"	"	"
6ORYDNLMD	"	"	"	"	"	"	"
6ORY;QLMD							
ýHNLMD							
9HQJULMD							
0DOWD							
.LSUDV							
%HOJLMD							
%XOJDULMD							
5XPXQLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD							
,VSDQLMD							
3UDQFijLMD							
\$LULMD							
,WDOLMD							
/LXNVHPEXUJDV							
2ODQGLMD							
\$XVWULMD							
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(6 YLGXWLQ; NDLQD \$±=							

YLGXWLQ;V NDLQRV DSVNDLpLXRWRV Lã DWUDQNLQLD (. 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
 " ± NRQ;GHQFLDOiV GXRPHQ\V



*DOYLMØ VXSLUNLPR NDLQRV /LHWXYRV ³PRQjVH (85 NJ VN

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

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9LGXWLQj \$ =

3DVWDERV OLHSRV G ³VLJDLORMXV .RPLVLMRV GHONDXQWDPUDGVSØBHWØWØPR (N DãW
 'iO GXRPHQØ SDO\JLQDPXPR VYHUWLVQV NDCØVLCWV DLS SDW WHLNLDPRV EH WUDQVSRU
 O\JLQDQW P VDYDLW VX P VDYDLWH
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 " ± NRQ¿GHQFLDOiV GXRPHQIV

âDOWEIQ19& /ãE035,6



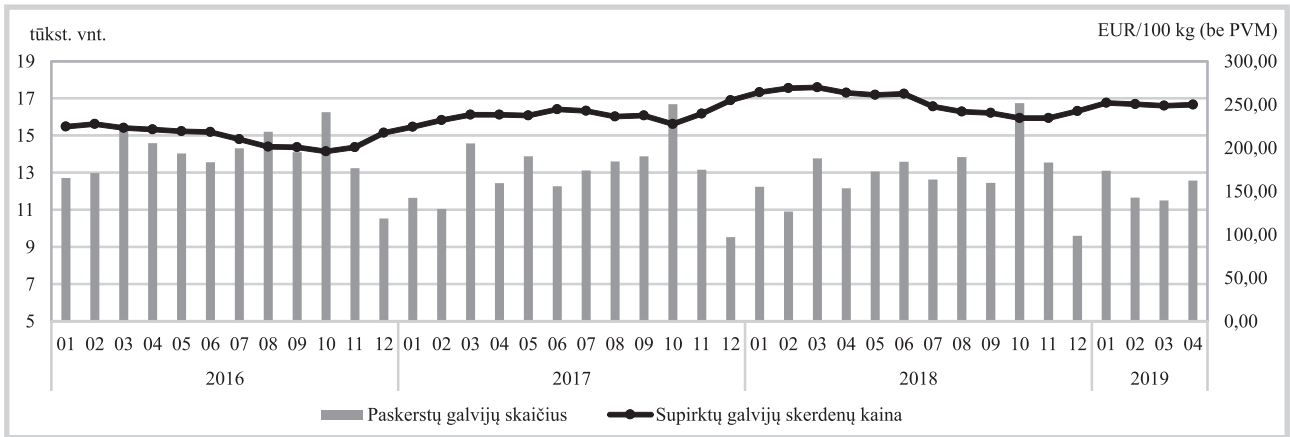
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*DPLQLR SDYDGLQNDV	/LHWXYRV ULQNRMH .LWÐ (6 äDOLÐ ULQNRVH									
	NRYD	YDVL	NRYD	PjQHV	PHWÐ	NRYD	YDVL	NRYD	PjQHV	PHWÐ
âYLHåLRV DUED DWãDOG\WRV MDXWLHQRV LU YHUãLHQRV VNHUGHQRV LU VNHUGHQÐ SXVjV LU NHWYLUþLDL VX NDXODLV										
âYLHåL DUED DWãDOG\WL MDXWLHQRV LU YHUãLHQRV JDEDODL										
8ããDOG\WRV MDXWLHQRV LU YHUãLHQRV VNHUGHQRV VNHUGHQÐ SXVjV NHWYLUþLDL LU JDEDODL										
âYLHåLD DUED DWãDOG\WD NLDXOLHGD VNHUGHQRV VNHUGHQÐ SXVjV										
âYLHåLD DUED DWãDOG\WD NLDXOLHGD NXPSLDL PHQWjV LU MÐ GDOIV VX NDXODLV										
âYLHåLD DUED DWãDOG\WD NLDXOLHGD LãVN\UXV VNHUGHQDV LU VNHUGHQÐ SXVHV NXPSLXV PHQWHV LU MÐ GDOLV VX NDXODLV										
8ããDOG\WD NLDXOLHGD NXPSLDL PHQWjV LU MÐ GDOIV VX NDXODLV										
8ããDOG\WD NLDXOLHGD LãVN\UXV VNHUGHQDV LU VNHUGHQÐ SXVHV NXPSLXV PHQWHV LU MÐ GDOLV VX NDXODLV										
âYLHåLRV DUED DWãDOG\WRV jULXNÐ DUED DYLD VNHUGHQRV VNHUGHQÐ SXVjV LU JDEDODL										
âYLHåL DUED DWãDOG\WL JDOYMLLH QRV NLDXOLHQRV DYLDQRV RãNLHQRV DUNOLHQRV LU NLWÐ DUNOLQLÐ åHLPRV DWVWRYÐ YDOJRPLHML PjVRV VXESURGXNWDL .LDXOLHQRV NXPSLDL PHQWjV LU MÐ GDOIV VX NDXODLV VIG\WL XåSLOWL VjU\PX GåLRYLQWL DUED UIN\WL										
6iG\WD XåSLOWD VjU\PX GåLRYLQWD DUED UIN\WD NLDXOLHGD										
6iG\WD XåSLOWD VjU\PX GåLRYLQWD DUED UIN\WD JDOYMLLHGD										
'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 NLDXOLHGD MRV VXESURGXNWDL LU PLãLQLDL ³VNDLWDQW PLãLQLXV 3DUXRãWD DUED NRQVHUYXRWD JDOYMLLHGD DUED MRV VXE SURGXNWDL										

* JDPLQWRMÐ NDLQRV DSVNDLþLXRWRV VYHUWLQQLX EIGX EH 390
O\JLQDQW P NRYR PjQ VX P YDVLUR PjQ O\JLQDQW P NRYR PjQ VX
SDWLNVLQWL GXRPHQ\V
³VNDLWDQW åYLHåL PjV XåSLOW GUXVND NDLS ODLNLQXRMX NRQVHUYDQWX
³VNDLWDQW EHNQÐ åRQLQ WULMÐ NHWYLUþLD åRQLQ DUED YLGXULQHV GDOLV SUL
NDXODLV SDSLOYHV LU MÐ GDOLV
LãVN\UXV SDUXRãWXV YDGLMVLXV LãSDWLSHNDXSDJDPLQWDV GHãUDWN\SDUXRãWXV YDGLMVLXV
SURGXNWXV KRPRJHQLjXRWXV SURGXNWXV Lã NHSHQÐ SDJDPLQWXV PDLVWR SURGXNWXV
ãDOVãEQ.19& /ãE035,6



EUDQJLDXVLDL NLDXO;V EXYRQVXSHUNDP RVD DQGNLVSRRMION J
 YLGXWLQLā (NBL NJ VNHUGHQBLURBMN ± NJ NDWHJRULMRV
 WLHN SLJLDX /DWYLMRMH VYRSLRNNDLNHDUSHQD PHWXV SDEUD
 LU SLJLDXVLDL (VWLMRMH (85 NUJ VNHUGSIOQF WUHPLRV
 9LGXWLQ; NLDXOLD VXSLUNLPRSUSRFDJDB SDVāD YHGāLDB VXPDA
 VYRU³ NDLQD DQDOLXRMDPX āDQWāLQD 7āE 93,6 ENLQD VYIQD UHJLV
 (85 NJ ± EXYRUF DXNāWHVQ;
 /LHWXYRV VNHUGLPR ³PRQ;VH VXSLUNWÐ JDOYLMÐ VNHUGHQÐ

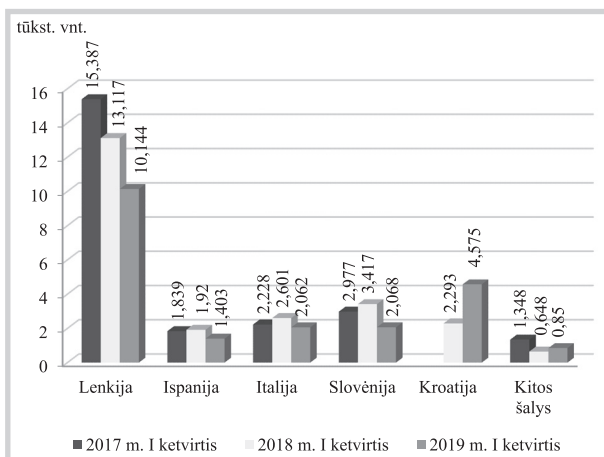


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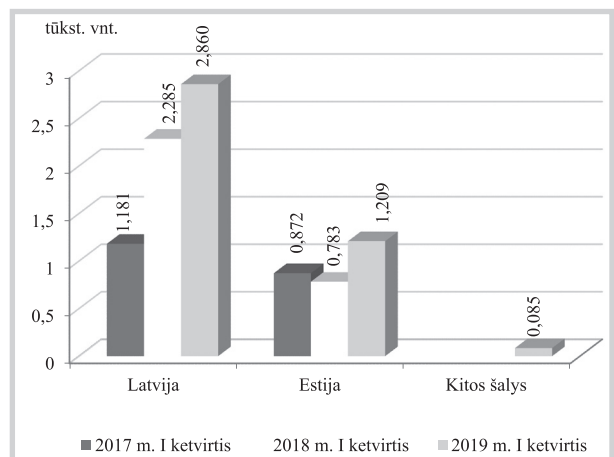
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LPSRUW



ā DOWāLQLV

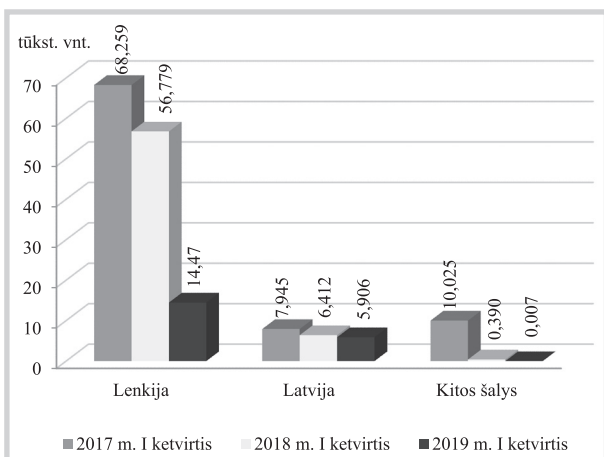


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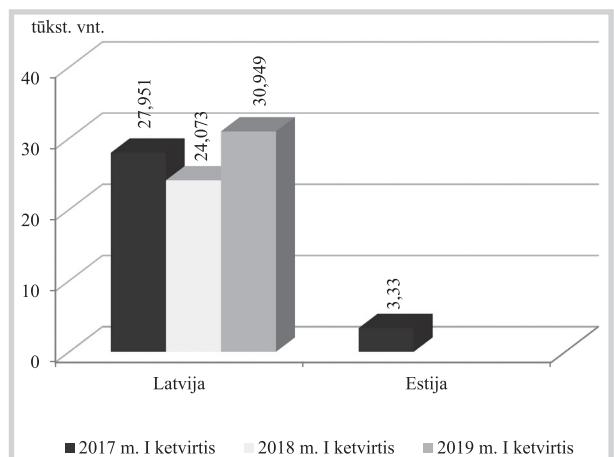
*\YÐ NLDXOLD .1 NRGDV

HNVSRUWÐWÐDYLMDXYRMRGDV

LPSRUW



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.LDXOLHQRV MDXWLHQRV LU DYHLHQRV ULQNRV VHNWRULDXYV LQIRUPDFL
 - 9LWNLHQ; WHO



3DXNãWLHQRV LU NLDXãLQLÐ ULQND

P EDODQGåLR PĭQ /LHWXYRV PREDQVBIQQåLR PĭQ
 YLãpLXND EURLOHULÐ PĭVRV J3DVWEDãWLDHQRV;MĖPĖED YHUWLQ
 R NDODNXWLHQRV SDãĖP.9QWVYRWDãLDX P EDODQGåLR PĭQ VX
 /ãĖ035,6 GXRPHQLPLV P EDODQGGåLR PĭQ QHL NRYR PĭQ
 /LHWXYRV ³PRQĭVH EXYR SDVNQULVWSULHãPĖQWSDXNãPĖ VNDLpL
 LU SDJDPLQWD W SDXNDãPĖEĖQRV PVNEHUCĖQGGåLR PĭQ SI
 3DXNãpLÐ VNHUGLPÐ VNDĖpQXVSDGLĖ;MĖBODQGSĖRF LNL V
 SDO\JLQWL VX NRYX SDGLGĭMRDJDPSĖQW W SDĖLRFX EDãYRDX
 SURF PDãHVQLV QHL P EDODQGGåLR PĭQ W ³ /LHWXY
 ,ã WR VNDLpLDXV EURLOHULÐ PãLHUGLPãLWLDĖQOLĖLãMĖWDRV6
 ODLNRWDUSLX VXGDUĭ POQVWQWLWLNRY SURĖGHSDĖWLDPHQWR
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9LãWÐ NLDXãLQLDL VX OXNãWDLV	EDODQGLVDVDULVNRYDV	EDODQGEVQHVL R PHWÐ
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9LãpLXND EURLOHULÐ VNHUGHQÐ SDUGDYLP R YLGXWLQĭV GLGPHQLQĭV

3DYDGLQLPDV	VDY	VDY	VDY	VDY	VDY	3RN\WLW
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O\JLQDQW P VDYDLW VX VDYDLWH ãDOWãĖQ.L9& /ãĖ035,6
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 3DVWDED 9LGXWLQĭV NDLQRV VNDLpLXRMDPRV VYHUWLQLX EĭG

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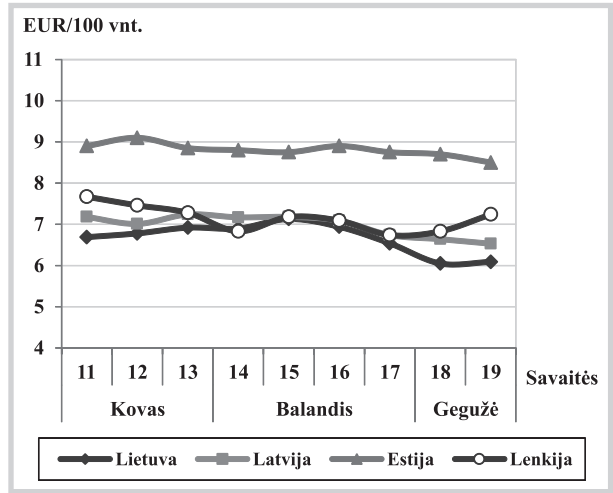
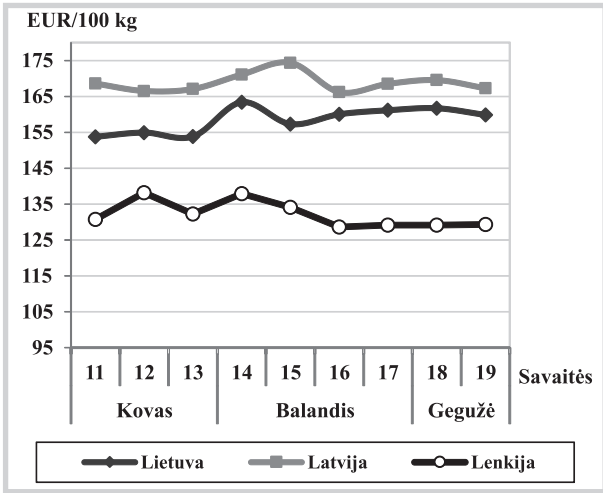
3DYDGLQLPDV	VDY	VDY	VDY	VDY	VDY	3RN\WLW
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 O\JLQDQW P VDYDLW VX P VDYDLWH



WR VNDLpLDXV YLãWLHQRV LPSRUWSDRFDGLGHX&MDFML OSDLNhã P
 WDUSLX VXGDU; W FLU YS&VWLHQRV YLGXWLQ; NDLQD F
 ,9 NHWYLUPLX VXPĐâ;MR SXRMFXR RS SDLOJSDQ;IMXKLĐ PHWĐ
 SUD;MXVINEHWHWĐpLX ± SURF SD&RFXWNLHQRV (85 NJ R ND
 DQDOLJXRMDPX ODLNRWDUSLX ³YSLãRFD LNL W(85UNEJ
 SURF GDXJLDX QHL P ,9 N&D&XNLãWML³HLQRV HSNVSRUW DV F
 GDXJLDX QHL SULHã PHWXV WĪNVW W ± SURIF PĐãLDX
 'DXJLDXVLD SDXNãWLHQRV NHWYR&UW³NLHWYLSWRF PĐãLDX QI
 LPSRUWXRWD Lã /HQNLMRV PHWĐ VDDNR&WDUSS&Rfã WR VNDLp
 GDXJLDX /DWYLMRV W DQDOLJXRSDRFX FODãLNRWDUSLX VX
 2ODQGLMRV W DUED SSURFF PĐãLDXQXHLU P ,9 NHW
 'LGãLRVLRV %ULWDQLMRV PĐãLDXU&HL SUL&RPHWXV .DOD
 PĐãLDX P , NHWYLUW³ SDO\JLQWL VX
 ,PSRUWXRWRV SDXNãWLHQRV DGL&QIR DQD&RFRMDR& W
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 W VLQIV SVO

9LãpLXND& EURLOHULĐ VNHUGHQĐ Y&LGXWLE&WXSD&R&R&D&N&MDXãLQLĐ YLG
 SDUGDYLP&R NDLQRV EH 390 /LH&D&X&G&D&M&H&P&R&D&M&D&L&Q&R&R&M&HEI&HU390 /LH&W&X&Y&R
 /HQNLMRMH P NRYR±JHJXâ;VLR;QH&QNLMRMH P NRYR±JHJX



âDOWã&L& /ãĒ035/0\$ (, LU (. YLGXWLQ;V / LU 0 NDWHJRULMĐ VYHUWLQ;V N
 NDLQRV (85 SDWHLNWRV(\$D&J&D&D&W&V&V&Q&N&D&L&F
 âDOWã&L& /ãĒ035/6, /9\$(, LU =65,5

âYLHãLĐ VXSDNXRWĐ NLDXãLQLĐ SDUGDYLP&R YLGXWLQ;V GLGPHQLQ;V

.RN\&e;V NODV;V	SDJ&D&Y&V&Y&R&U&V&D&Y			VDY ±	VDY ±	VDY ±	3RN\WLV	
	±	±	±				VDYDLW	PHWĐ
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9LGXWLQ; /±0								

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âYLHãLĐ VXSDNXRWĐ NLDXãLQLĐ SDUGDYLP&R YLGXWLQ;V GLGPHQLQ;V

.RN\&e;V NODV;V	SDJ&D&Y&V&Y&R&U&V&D&Y			VDY ±	VDY ±	VDY ±	3RN\WLV	
	±	±	±				VDYDLW	PHWĐ
\$ NODV; / QXR J LNL J 0 QXR J LNL J								
9LGXWLQ; /±0								

NDLQRV (85 SDWHLNWRV SDJ&D&D&W&L&W&L&Q&N&D&P&R&V GDWRV (&% YDOLXWR&D&D&M&L&Q&L&V =65,5
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 O\JLQDQW P VDYDLW VX P VDYDLWH



9LGXWLQjV GLGPHQLQjV YLăpLXNĐ EURLOHULĐ VNHUGHQĐ \$ NODVjV

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%HOJLMD							
%XOJDULMD						"	
ýHNLMD							
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9RNLHWLMD							
*UDLNLMD						"	
,VSDQLMD							
3UDQFĭjLMD							
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,WDOLMD							
.LSUDV							
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2ODQQLMD							
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/HQNLMD							
3RUWXJDOLMD							
5XPXQLMD							
6ORYjQLMD							
6ORYDNLMD							
6XRPLMD							
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-XQJWLQj .DUDO\WVj						"	
(6 YLGXWLQj; NDLQD							

9LGXWLQjV GLGPHQLQjV äYLHâLĐ VXSDNXRWĐ NLDXâlQLĐ / LU 0 NDW

NDLQR

9DOVW\Ej	'DWD					3RN\WLV	
	VDY ±	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLWj	PHWĐ
/LHWXYD							
/DWYLMD							
(VWLMD							
%HOJLMD							
%XOJDULMD		115,13				"	
ýHNLMD							
'DQLMD							
9RNLHWLMD							
*UDLNLMD						"	
,VSDQLMD							
3UDQFĭjLMD							
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2ODQQLMD							
\$XVWULMD							
/HQNLMD							
3RUWXJDOLMD							
5XPXQLMD							
6ORYjQLMD							
6ORYDNLMD							
6XRPLMD							
âYHGLMD							
-XQJWLQj .DUDO\WVj						"	
(6 YLGXWLQj; NDLQD							

O\JLQDQW P VDYDLW VX VDYDLWH O\JLQDQW P VDYDLW OWXQLV P(.
" ± NRQjGHQFLDOiV GXRPHQjV



'DXJLDXVLD SDXNāWLHQRV EURLØHULÐHWNHUGHQD YDVDUL
 HNVSRUWXRWD ³ /DWYLM 6XRPLMRMH 205QGNM 9RNLHWLM
 W (VWLM W LU 385DQNIJLM.LSUH(85 NJ
 W âYHGLMRMH (85 NJ LU
 P EDODQGåLR PĭQ SDGL(85MRNJ6 /HQNLMRV YLāpLXN
 YLGXWLQĭ GLGPHQLQĭ YLāpLXNÐ VNHUGHQD YLāpLXNÐ GLGPHQLQĭ
 NDLDGXLQĭ GLGPHQLQĭ YLāpLXNÐ VNHUGHQD YLāpLXNÐ (85
 NRN\EĭV NODVĭV SURF YLāpLXNÐ SURF YLāpLXNÐ QHL āLE
 NDLQD (6 P EDODQGåLR PĭQ VX85DUNJ LU SURF GLGHVQ
 (85 NJ W \ EXYR SURF EDODQGåLR PĭQ (85 NJ
 QHL āLÐ PHWÐ NRYR(85PĭQNJ 9LāpLXNÐ EURLOHULÐ VNHUGHQD
 LU SURF GLGHVQĭ EDODQGåLR PĭQ NDLQD /LHWXYRMH P EDODQ
 (85 NJ 0DāLDXVLD YLāpLXNÐ -L EXYR SURF
 GLGPHQLQĭ YLāpLXNÐ EURLOHULÐ VNHUGHQD NRYR PĭQ
 NDLQD (6 EXYR /HQNLMRMH SURF GLGHVQĭ QHL P ED
 3RUWXJDOLMRMH NJ LU 5XPXQLMRMH(85 NJ
 (85 NJ %UDQJLDXVLDL YLāpLXNÐ

.DL NXULÐ SDXNāWLHQRV JDPLQLÐ JDP\ED /LHWXYRV ³PI

*DPLQLR SDYDGLQLPĭQ. NRGDV	3DJDPLQWD	3RN\WLV
EDODQGLV	EDODQGLV	PĭQHVLRPHWÐ
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âYLHål DUED DWāDOG\WL QHVXNDSRWL NDODNXWDL		
âYLHål DUED DWāDOG\WL YLāpLXNÐ JDEDODL		
âYLHål DUED DWāDOG\WL NDODNXWÐ JDEDODL		
8āāDOG\WL QHVXNDSRWL YLāpLXNDL		
8āāDOG\WL YLāpLXNÐ JDEDODL		
8āāDOG\WL NDODNXWÐ JDEDODL		
8āāDOG\WRV QDPLQLÐ SDXNāpLÐ NHSHQ\		
âYLHål DUED DWāDOG\WL QDPLQLÐ SDXNāpLÐ YDOJRPLHML		
PĭVRV VXESURGXNWDL LāVN\UXV ā VÐ LU DQpLÐ		
ULHEL VLDV NHSHQLV		
8āāDOG\WL QDPLQLÐ SDXNāpLÐ PĭVRV VXESURGXNWDL		
LāVN\UXV NHSHQLV		
.LWL JDPLQLDL DUED NRQVHUYDL Lā NDODNXWLHQRV		
.LWL JDPLQLDL DUED NRQVHUYDL Lā SDXNāWLHQRV		

O\JLQDQW P EDODQGåLR PĭQ VX NRYR PĭQ āDOVāEQ.L9& /āĒ035,6
 O\JLQDQW P EDODQGåLR PĭQ VX P EDODQGåLR PĭQ

/LHWXYRV ³PRQĭVH SDJDPLQWÐ SDXNāWLHQRV JDPLQLÐ S

*DPLQLR SDYDGLQLPĭQ. NRGDV	3DUGXRWD	SRN\WLV	SRN\WLV
/LHWXYRV ULQNRMLWRVH (6 āDO\			
NRYDEEDODQGLV	NRYDEEDODQGLV		
âYLHål DUED DWāDOG\WL QHVXNDSRWL YLāpLXNDL			
âYLHål DUED DWāDOG\WL YLāpLXNÐ JDEDODL			
âYLHål DUED DWāDOG\WL NDODNXWÐ JDEDODL			
8āāDOG\WL QHVXNDSRWL YLāpLXNDL			
8āāDOG\WL YLāpLXNÐ JDEDODL			
8āāDOG\WL NDODNXWÐ JDEDODL			
8āāDOG\WRV QDPLQLÐ SDXNāpLÐ NHSHQ\			
âYLHål DUED DWāDOG\WL QDPLQLÐ SDXNāpLÐ YDOJRPLHML			
PĭVRV VXESURGXNWDL LāVN\UXV ā VÐ LU DQpLÐ			
ULHEL VLDV NHSHQLV			
8āāDOG\WL QDPLQLÐ SDXNāpLÐ PĭVRV VXESURGXNWDL			
LāVN\UXV NHSHQLV			
.LWL JDPLQLDL DUED NRQVHUYDL Lā NDODNXWLHQRV			
.LWL JDPLQLDL DUED NRQVHUYDL Lā SDXNāWLHQRV			

O\JLQDQW P EDODQGåLR PĭQ VX NRYR PĭQ āDOVāEQ.L9& /āĒ035,6

3DXNāWLHQRV LU NLDXāLQLÐ ULQNRMLWRVH R UL'D XVS R QDRWRP D FLHMO



3DVDXOLQ;V NDL NXULÐ SLHQR JDPLQLÐ NDLQRV (85

*DPLQLR SDYDGLQLPDV	9LGXWLQ; NDLQD	
-\$9		

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

2NHDQLMRV YDOVW\E;VH HNVSRUWXL)2%

	VDY			SRN\WLV	
	±	±	±	VDYDLV	PiHWD
6YLVHVWV ULHE					
/30					
130					
6ĪULV &KHGGDU					

/30 ± QXJULHEWR SLHQR PLOWHOLDL 130 ± QHQXJULHEWR SLHQR PLOWHOLDL QLV 86'\$
 *NDLQRV XãVLHQLR YDOVW\E;VH (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YDO
 O\JLQDQW GYL SDVNXWLQL VLDV VDYDLWHV
 O\JLQDQW P LU P DWLWLQNDPÐ ODLNRWDUSLÐ GXRPHQLV
 O\JLQDQW P ± VDYDLWHV VX ± VDYDLW;PLV

.DL NXULÐ SLHQR JDPLQLRNDLQRV LMRMH LU /HQNLMRMH (85 PD

9DOVW\E; JDPLQ\V	ODW		3RN\WLV
	YQVE DOD QGLV UNLVY DE/DOD QGLHV PIRI WÐ		

/DWYLMÐ			
7LOV\WDL	NJ		
(VWLMÐ			
*HULDPDVLV SLHQDV ULHE	LãIDVXRWDV	3 SO;YHO;V	IDVXRWHV
*HULDPDVLV SLHQDV ULHE	LãIDVXRWDV	3 WHWUDSDNR	IDVXRWHV
6YLVHVWV NJUÐEWDLV	NJ		
6YLVHVWV ! ULHE	LãIDVXRWDV	± J	IDVXRWHV
(GDP ViULDL	NJ		
*RXGD ViULDL	NJ		
9DUã;V ViULDL ULHE	NJ		

/HQNLMD			
6YLVHVWV ULHE OXLWDLV	NJ		
6YLVHVWV ULHE IDVXRWDV	NJ		
1HQXJULHEWR SLHQR PLOWHOLDL	NJ		
1XJULHEWR SLHQR PLOWHOLDL	NJ		
,ãUĪJÐ PLOWHOLDL	NJ		
(GDP ViULDL	NJ		
(PPHQWDOHU ViULDL	NJ		
OR]]DUV\QDL	NJ		

JDPLQWRMÐ YLGXWLQ;V VYHUWLQ;V NDLQRV EH 390 ãDOWLQLDL /9\$(, (., LU
 O\JLQDQW P EDODQGãLR JRPQDQW NRYR EDODQGãLR PiQ VX P EDODQGãLR PiQ
 NDLQRV XãVLHQLR YDOVW\E;VH (85 SDWHLNWRV SDJDO DWLWLQNDPRV GDWRV (&% YD



äDOLR SLHQR VXSLUNLPDV Lă /LHWXYRV SLHQR JDPLQWRMP

äDOLR SLHQR VXSLUNLPDV WLHNĭMXV	EDODQġV	YDVULR	NRYDV	EDODQġV	PĭQHVL	PHW	EDODQġV	YDVULR	NRYDV	EDODQġV	PĭQHVL	PHW
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1DWĪUDODXV ULHEXPR SLHQDV

ĭă ĩNLQLQNĐ LU äHLPRV
 ĩNLĐ QHWDLNDQW
 QXRVDLWĐ
 ,ă äHPĭV ĩNLR
 EHQGURYLĐ LU ³PRQLĐ
 QHWDLNDQW QXRVDLWĐ

6XSLUNWD Lă YLVR QHWDLNDQW QXRVDLWĐ												
6XSLUNWD Lă YLVR WDLNDQW QXRVDLWĐV												
%HQGUDV NLHNLV												
9LGXWLQĭ NDLQD												

%DJLQLĐ URGLNOLĐ SLHQDV

ĭă ĩNLQLQNĐ LU äHLPRV
 ĩNLĐ
 ,ă äHPĭV ĩNLR
 EHQGURYLĐ LU ³PRQLĐ

%HQGUDV NLHNLV												
9LGXWLQĭ NDLQD												

3DVWDED 1DWĪUDODXV ULHEXPR SLHQDV VXSLUNWDV Lă /LHWXYRV SLHQR JDPLQWRMP
 ULHEXPR EDOW\PLQJXPR PĭQ ULHEXPR EDOW\PLQJXPR PĭQ
 'XRPHQĭV SDWHLNWL SDJDO 3LHQR VXSLUNLPR LU SDUGDYLRP PĭQHVLR DWDVNDLW 36
 9LGXWLQĭ VYHUWLQĭ /LHWXYRV SLHQR JDPLQWRMPV PRNĭWD NDLQD EH 390
 O\JLQDQW P EDODQġġLR PĭQ QV NRYR EDODQġġLR PĭQ VYHUWLQĭ EDODQġġLR PĭQ
 EDOW\PLQJXPDV ± SHUVNDLPLXRWDV UHPLDQWLV PHWRGLND SDWYLUWLQWD /
 PĭQ G ³VDNĭPX 1U
 *2 YLGXWLQĭV VYHUWLQĭV VXSLUNLPR NDLQRV LU EHQGUR VXSLUNLPR NLHNLV DSVNDLPLD
 VNLUWR SHUGLUEWL ³PRQLĐ YLGXMH YHUWĭ EHL NLHNLV äDOWLQLV äĒ,.9& /äĒ035,

äDOLR SLHQR LPSRUWWDV ³ /LHWXY Lă NLWĐ (6 äDOLĐ

äDOLR SLHQR LPSRUWWDV Lă NLWĐ (6 äDOLĐ SLHQR VXSLUNĭM	EDODQġV	YDVULR	NRYDV	EDODQġV	PĭQHVL	PHW
--	---------	--------	-------	---------	--------	-----

1DWĪUDODXV ULHEXPR SLHQDV

9LGXWLQĭ LPSRUWWDV (6 äDOLĐ												
9LGXWLQLV ULHEXPDV												
9LGXWLQLV EDOW\PLQJXPDV												
%HQGUDV LPSRUWXRWDV NLHNLV Lă NLWĐ (6 äDOLĐ												

,ă WR VNDLPLDXV

Lă /D	NLHNLV	t										
	YLGXWLQĭ NDLQD 85 W											
	YLGXWLQLV ULHEXPDV											
Lă (V	NLHNLV	t										
	YLGXWLQĭ NDLQD 85 W											
	YLGXWLQLV ULHEXPDV											

%DJLQLĐ URGLNOLĐ SLHQDV

%HQGUDV LPSRUWXRWDV NLHNLV Lă NLWĐ (6 äDOLĐ												
9LGXWLQĭ LPSRUWWDV (6 äDOLĐ												

O\JLQDQW P EDODQġġLR PĭQ QV NRYR EDODQġġLR PĭQ VYHUWLQĭ EDODQġġLR PĭQ
 EDJLQLĐ URGLNOLĐ SLHQDV ULHEXPDV ±XRWDV EDOW\PLQJXPDV PHWRGLND SDWYLUWLQWD
 PLăNĐ ĩNLR PLQLVWHULMRV P YDVULR G ³VDNĭPX 1U
 'XRPHQĭV SDWHLNWL UHPLDQWLV 3LHQR VXSLUNLPR LU SDUGDYLRP PĭQHVLR DWDVNDLW
 äDOWLQLV äĒ,.9& /äĒ035,

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

*DPLQ\V	9DOVW\E\VDY	VDY	VDY	VDY	VDY	VDY	3RN\WLV
	±	±	±	±	±	±	VDYDLWLQ;V
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV 3 PD	/LHWXYD						
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV SR	(VWLMJ						
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV SR	9RN\HWLMD						
, UilāLV	3UDQFĭJLMD						
LāIDVXRWDV OXL	%HOJLMD						
6YLVH\WDLQLV	,WDOLMD						
LāIDVXRWDV OXL	WDLV						
ULHE	WDLV						
LāIDVXRWDV 3 PD	/LHWXYD						
LāIDVXRWDV 3 PD	/LHWXYD						
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV SR	6ORYDNLMD						
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV 3 PD	/LHWXYD						
LāIDVXRWDV OXL	WDLV						
LāIDVXRWDV 3 PD	/LHWXYD						
(6 YLGXWLQ; NDLQD							
LāIDVXRWL SR	NRNLHWLMD						
	3UDQFĭJLMD						
1XJULHEWR	%HOJLMD						
SLHQR	2ODQGLMD						
PLOWHOLDL	-XQJWLQ;						
	.DUDO\VW;						
	ýHNLMD						
	/HQNLMD						
(6 YLGXWLQ; NDLQD							
LāIDVXRWL SR	NRNLHWLMD						
	3UDQFĭJLMD						
1HQX	%HOJLMD						
JULHEWR	2ODQGLMD						
SLHQR	ýHNLMD						
PLOWHOLDL	/HQNLMD						
(6 YLGXWLQ; NDLQD							
LāIDVXRWL SR	NRNLHWLMD						
	2ODQGLMD						
,āUĭJÐ	-XQJWLQ;						
PLOWHOLDL	.DUDO\VW;						
	ýHNLMD						
	/HQNLMD						
(6 YLGXWLQ; NDLQD							
*RXGD							
7LOVLW	/LHWXYD						
.LHWLHML LOJDL	EUDQGLQWL						
(GDP	(VWLMJ						
*RXGD							
(GDP							
&KHGGDU	/DWYLMD						
(PPHQWDO V 9RN\HWLMD							
6ĭULD							
3DUPLJLDQR							
*UDQD 3DGDQR							
3URYRORQH							
3URYRORQH &UHP	RVDLMD						
*RUJRQJROD							
,WDOLFR							
7DOHJJLR							
&KHGGDU	%HOJLMD						
&KHGGDU	-XQJWLQ;						
	.DUDO\VW;						

OHQWHO;V W VLQ\W



SVO OHQWHOjV W VLQ\V

	*DPLQ\V	9DOVW\iVDY ±	VDY ±	VDY ±	VDY ±	VDY ±	3RN\WLV	
							VDY ±	PHW
6iULD	&KHGGDU	\$LULMD						
	(GDP	6ORYDNLMD						
	(GDP V P							
	(GDP V P	yHNLMD						
	(PPHQWDO V P							
	(GDP							
	*RXGD							
	&KHGGDU							
	(PPHQWDO	/HQNLM						
	ORjDUHOOD							
)HWD							
	3HOjVLQLDL							
Cheddar	ES							
Edam	YLGXWLQj							
Gouda	NDLQD							
Emmental								

*NDLQRV XáVLHQLR YDOVW\iVH (85 SDWHLNWL VSDJDO DWLWLQNDPRV GDWRV (&% YDQ O\JLQDQW P VDYDLW VX P VDYDLWH ± QiUD GXRPHQD " ± NRQGHQFLDOiV GXRPHQ\V /LHWXYRV GXRPHQ\V SDWHLNWL UHPLDQWL 3LHQR JDPLQLD SDUGDYLR VDYDLWjV DWLWLDQWLQDL äĒ,.9& /äĒ035,6 (., \$0, /9\$(, (. 6=,) L

.DL NXULD /LHWXYRV ³PRQjVH SDJDPLQWÐ SLHQR JDPLQLD NYLGXWLQ

*DPLQLR SDYDGLUHNWY (%)	SDJDO 7OLHEWRV	NRGDV V ±	VDY ±	VDY ±	3RN\WLV					3RN\WLV		
					VDYDLW	PHW	VDY ±	VDY ±	VDY ±	VDY ±	VDYDLW	PHW
6YLHVWDXLWDLV					"							
ULHEXPDRVXRWDV												
6iULD												
*RXGD												
7LOVLW												
.LHWLHML LOJDL EUDQGLQWL												

VYHUWLQjV JDPLQWRMÐ EH 390 äDOWLQLV äĒ,.9& /äĒ035, O\JLQDQW P VDYDLW VX VDYDLWH O\JLQDQW P VDYDLW VX P VDYDLWH " ± NRQGHQFLDOiV GXRPHQ\V

PDáLDX QHL P WXR SDEXROSDNRMQGLQW 130 HNVSRU 'LGáLDXVLDV VYLHVWR NLHNLVHNSRUWMDSDUMXLVQNDPDS9VXGDU WìNVW W LU .LQLM WìNVW W EDQDQGLR LQ SDVDX VYLHVWR HNVSRUWDYR 3UDQFjMDQLD WìNVW W LãDLNjMDXJL WìNVW W \$QDOLjXRMDPXQDWNQWDSXWDLHWXYR LU àHF ³ WUHPL VLDV äDOLV HNVSRUWWRDLXWìNVW GXRPHQ\W ± P SURF PDáLDX QHL P VDXVLR ± NRQGHQFLDOiV GXRPHQ\W P VDXVLR ± NRQGHQFLDOiV GXRPHQ\W QHSURF GLGHVQLV QHL JULHEWR SLHQR PLOWHOLD WSDXQL 130 QHLHNVSRUWDYR LãDLN (6 YDOVW\ELD ³ WUHPL VLDV äDOLV HNVSRUWWRDLXWìNVW W LãDLN (6 ³ WUHPL VLDV äDOLV HNVSRUWWRDLXWìNVW W LãDLN PDáLDX 103 QHL P VDXVLR ± NRQGHQFLDOiV GXRPHQ\W ³ SLHQR JDPLQLD YLVR WìNVW 'DXJLDXVLD 130 (6 YDOVW\ELD ³ WUHPL VLDV äDOLV HNVSRUWWRDLXWìNVW W LãDLN .XYHLW Lã YLVR WìNVW W 2ODQGLMD LU äDOWLQLV äĒ,.9& /äĒ035,6



3LHQR VXSLUNLPDV Lã SLHQ QXVDR ± EDODQGåLR PĭQHVLXV G
 PRNDPD NDLQD SHU PHWÐ SDXVLR ± EDODQGåLR ³PRQLÐ VXS
 PĭQHVLXV äHPĭV ĪNLR LQIRUPDFWĪRVDXV ULHEXPR SLHQR DU
 NDLPR YHUVOR FHQWUR WYDUNLRVXV RVL HQQR QRSVDNĪLQWRVMD VXS
 LQIRUPDFLQĭV VLVWHPRV WROLDX ± PãĒW.9& 3\$,6 X ODLNRWDUSI
 GXRPHQLPLV Lã SDWYLUWLSDGLGS MHRQR VXSLUNLWR DUED
 ³PRQLÐ WROLDX ± VXSLUNLPR LãRQĭV HQR JDPVLQWRVMD VXSUNWR
 EDODQGåLR PĭQ SLHQ Lã SLHQR JDNĪLQWRVMD UVXSUNWRQWL VX
 VXSLUNLPR ³PRQĭV -RV SHSHU P VDXVLR ± EDODQGåLR
 EDODQGåLR PĭQ Lã SLHQR JDPĪLQWRVMD VXSUNWR SURF
 WĪNVW W YLGXWLQLR SURF.9& 3\$,6 XPR SLPHQR EDODQGåLR
 P VDXVLR ± EDODQGåLR VĪNVW PĭQ GXRPHQLPLV GDXJLDX NDLS WU
 YLGXWLQLR SURF ULHEXPR SURQR ± REXYR VXSLUNWD Lã ³P
 VDXVLR ± EDODQGåLR PĭQ ± Lã VĪNVWR WDPĪLQWRVMD LãSLHQR JD
 SURF ULHEXPR SLHQR 3MDXQOMÐ SXHQR PDPLQWRMD NX
 VDXVLR ± EDODQGåLR PĭQ SLHQR WĪNVW S GDMĪLQWRVMD VXSUNWR
 SURF DUED WĪNVW W SDURĪX ± VXSLUNĭMDPV SDUGXR
 EDODQGåLR PĭQ SDOĪLQWL WXULÐ DPãĒXODQOQåQR LNL P
 PĭQ SLHQR VXSLUNLPDV VXPDAĭMRUĭ SHQR JDPĪLQWRVMD NXUL
 WĪNVW W PHWÐ 'DXJLDXVLDL NDUYLÐ ±
 äĒ,.9& 3\$,6 GXRPHQLPEÐODQDPLQWRMDL NXULÐ DPãĒXV VLHN
 GåLR PĭQ VXSLUNLPR ³PRQLÐ JDPĪLQWRVMD BLQWRVMD DPãĒXV GLG
 PRNĭWD YLGXWLQĭ IDNWLQĭ EDĪLQLÐ URFRG LNDULDL SLHQR QNDĪLQD SLH
 VX SULHGDLV LU QXRV (85 W VĪNVWR VĪNVW LãXGLNĪ SURFDLNDUYLÐ 'DX
 LU SDOĪLQWL VX P EDODQDGLSHQQRWDMĪD GSVRFDUYODLNR
 SURF GLGHVQĭ äHPĭV ĪNLR ³PRQĭVH
 äĒ,.9& WYDUNRPRV /LHWXYR VãĒ,HP&V3\$,6 GXRPHQLPLV SLHQR
 LU PDLVWR SURGXNWD ULQNRV LQIRUPDFLQ ± EDODQDGLR PĭQ
 GXRPHQLPLV P EDODQDGLR PĪPXQ YRGOĪLQWRVMDUSLX SDGL
 QDWĪUDODXV SURF ULHEXPRV LĒU VNDLĪSLXRF VXPDAĭMR
 EDOW\PLQJXPR åDOLR SLHQR VĪNVW SLXWLPRPNDMD SURF /
 /LHWXYRMH SDOĪLQWL VX NRXSL UNĪQPDWRĪDĪMR Lã ĪNLD NXU
 SURF LU VLHNĭ (85 W VĪNVWR VĪNVW SLHQR NLHNĪ
 VX P EDODQDGLR PĭQ MNDĒXYRV SURFDXVLR ± EDODQDGLR
 GLGHVQĭ 1XR P EDODQDGLR PĪQRENLR ± NDUYLÐ ODLN
 EDODQDGLR PĭQ GLGåLDXVLDSDUBQRGDPRLSĪVHRQDRVHNLV VXP
 PRNĭWD YLGXWLQĭ QDWĪUDODXV ULHEXPRV SLHQR QNDĪLQD X NDUY
 EXYR P ODSNULPLR PĭQ LU VXNDĪNLDL SDGWRĭMR SURF ± G
 (XURSRV .RPLVLMRV äHPĭV ĪNLR Lã NDLVRLSDĒVODQOQåLR PĭQ
 JHQHUDOLQLV GLUHNWRUDWR LãDQNVWLQWLRLV DQDQDGLR PĪQ
 (XURSRV 6 MXQJRV EDODQDGLR PĪNLQLÐ JĪYĪQÐ UHJLVWR
 PRNĭWD YLGXWLQĭ NDLQD Xå QDWĪUDODQOQåLR SLHQR VĪNVWXYRMH EX
 (85 W SDOĪLQWL VX P EDODQDGLRSLPHQLQLÐ YHLVOLD
 EXYR SURF GLGHVQĭ \$QDORĪRMDQXHDLDLNRVWVXSRXSDPLX OD
 YLGXWLQĭ QDWĪUDODXV SLHQR WXSHUNDPVNDLãQD /DWYĪLNRVWH ND
 VLHNĭ (85 W (VWLMRMH 85 W ĪNLXRVH SDJDPLQWR SLHQR \UD
 /HQNLMRMH ± (85 W LU SDOĪLQWL VSDUGXRGDPD DUED DW
 EDODQDGLR PĭQ ML EXYR DWLDVLRVMDPDL SURF
 SURF LU SURF GLGHVQĭ
 äĒ,.9& 3\$,6 GXRPHQLPLV SHU P äĒ,.9& 3\$,6 ± 3LHQR DSVNDLWRV



3LHQR JDPLQWRMĐ LU NDUYLĐ VNDLpLXV LU VXSLUNWR SLHQ

6DYLYDOG\iV	*DPLQWRMĐ VXSLUN;MDPV	WLNHNSLEU S LHMĐ VNDLHNLXVVDYQWLR±	VXSLUNWDLG S WHQRV EDODQNLRPİXQ	NDUYLĐ YQW
\$NPHQ;V U VDY				
\$O\WDXV P VDY				
\$O\WDXV U VDY				
\$Q\NāpLĐ U VDY				
%LUāWRQR VDY				
%LUāĐ U VDY				
'UXVNLQLQNĐ VDY				
(OHNWU;QĐ VDY				
,JQDOLQRV U VDY				
-RQDYRV U VDY				
-RQLāNLR U VDY				
-XUEDUNR U VDY				
.DLāLDGRULĐ U VDY				
.DOYDULMRV VDY				
.DXQR P VDY				
.DXQR U VDY				
.DJQĐ 5İGRV VDY				
.HOP;V U VDY				
.ODLS;GRV U VDY				
.UHWLQJRV U VDY				
.XSLāNLR U VDY				
.;GDLQLĐ U VDY				
/DJGLMĐ U VDY				
0DULMDPSRO;V U VDY				
0DāHLNLĐ U VDY				
0RO;WĐ U VDY				
3DJ;JLĐ VDY				
3DNUXRMR U VDY				
3DQHY;āLR P 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 U VDY				
=DUDVĐ U VDY				
âDNLĐ U VDY				
âDOpLQLQNĐ U VDY				
âLDXOLĐ U VDY				
âLODO;V U VDY				
âLOXW;V U VDY				
âLUYLQWĐ U VDY				
âYHQpLRQLĐ U VDY				
,ā YLVR				

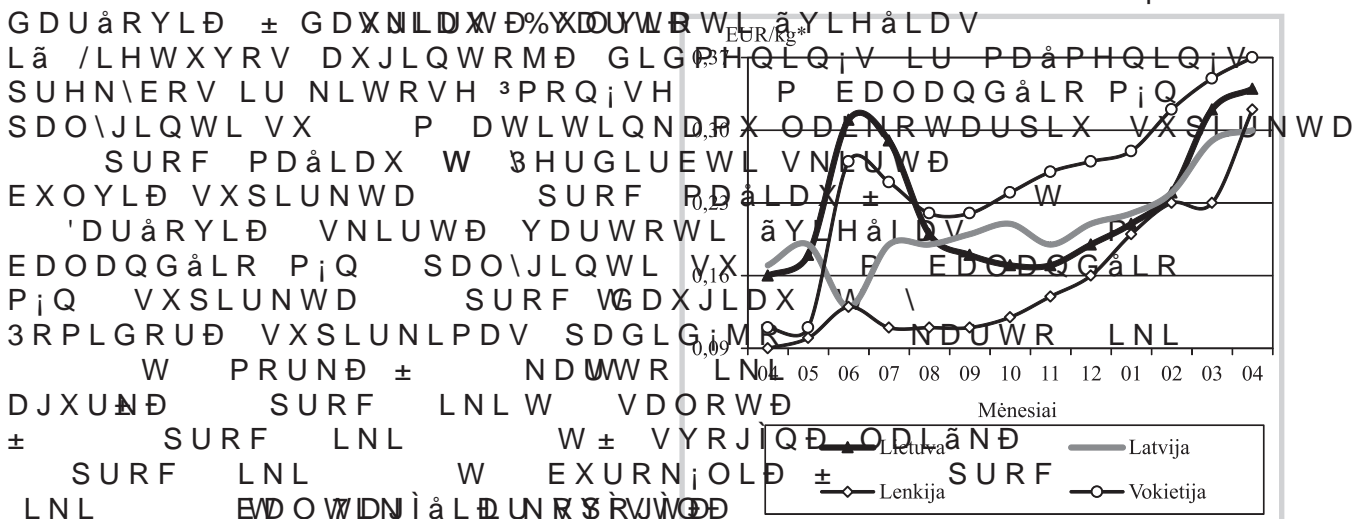
âDOWLQLV äĒ,.9& 3\$,6 ± 3LHQR DSVNDLWR

3LHQR LU SLHQR JDPLQLĐ ULQNRV VHNWRULD XV LQIRUPDFLM SDUHQJ; 3
- 6WRQLHQ; LU - âDWDLW; WHO



% XOYĻĢ GDUĀRYĻĢ LU YDLVLĢ ULQN

P EDODQGĀLR PĪQ /LHWXYR V NDLQRV *augintoju*
YDUWRMLPXL EXOYĻĢ EXYR VXSLUNWD NDLQRV *±*



EDODQGĀLR PĪQ SDO\JLQWL VX SURF VDXJLDX W PRUNĢ ± NDMWR LNL
 PĪQ VXSLUNWD SURF VDXJLDX W PRUNĢ ± NDMWR LNL
 SURF LNL W EXURNĪOLD ± SURF LNL W EXURNĪOLD ± SURF LNL W EXURNĪOLD ±

% XOYĻĢ GDUĀRYĻĢ LU REXROĻĢ YLGXWLQĪV SDUGDYĻPR NDLQR LU ĀLOWQDPLXR VH (85 NJ EH 390

3URGXNFLMD	VDY ±				3RN\WLV	
	VDY ±	'DWDY ±	VDY ±	VDY ±	VDYDLWĪVPHWĢ	VDYDLWĪVPHWĢ
% XOYĪV						
0RUNRV QHSODXWRV						
0RUNRV VNXVWRV						
% XURNĪOLDL						
6YRJĪQĢ ODLĀNDL						
6DORWRV						
6DORWRV YQW						
ĀSLQDWDL						
3ULHVNRQLQĪV ĀROHOĪV YQW						
,OJDYDLVLDL DJXUNDL						
7UXPSDYDLVLDL DJXUNDL						
3RPLGRUDL						
5DXJLQWL NRSĪVWDL						
5DXJLQWL DJXUNDL						
2EXROLDL						

EXOYĻĢ LU GDUĀRYĻĢ NDLQĢ VNLUWXP OHPLD NRN\ĒĪ SUHNLQLV SDUXRĀLPDV SDWHL
 O\JLQDQW P VDYDLW VX VDYDLWH
 O\JLQDQW P VDYDLW VX P VDYDLWH ĀDOWLQLV äĒ,.9& /äĒ035,

% XOYĻĢ LU GDUĀRYĻĢ VXSLUNLPR LĀ /LHWXYRV DXJLQWRMĢ SHUGI

3URGXNFLMD	EDODQGLVYDVULV NRYDV		3RN\WLV	
	EDODQGLVĪQHVLR	PHWĢ	EDODQGLVĪQHVLR	PHWĢ
% XOYĪV				
% DOWDJĪĀLDL NRSĪVWDL				
0RUNRV				
% XURNĪOLDL				
6YRJĪQDL				
O\JLQDQW P EDODQGĀLR PĪQ VX NRYR PĪQ				ĀDOWLQLV äĒ,.9& /äĒ035,
O\JLQDQW P EDODQGĀLR PĪQ VX P EDODQGĀLR PĪQ				



VXPDã;MR SURF P JHJXã;V SURFSDO(VWQWRMH DQDOL]XR
VX P DWLWLQNDPX ODLNRWDUSLX EXYRPHQLQ; SURF /DWY
G\]HOLQR NDLQD SDGLG;MR /HQNLMRMH]HOLQRUãHP EUDQJHVQ
ĩNLXL ± SURF

0DãPHQLQ;V GHJDOĐ NDLQDNDLQDVLVSRUWR VPMXQJD
JHJXã;VQ 8\$% Ä/XNRLO /LHWXYD³ 8\$%
Ä6WDWRLO)XHO 5HWDLO /LHWXYD³ 8\$%
/LHWXYD³ 8\$% Ä%DOWLF 3HWUROHXP³ 8\$%
1DIWD³ GLG;MR 0DãPHQLQ;V G
NDLQD DQDOL]XRMDPX ODLNRV
DXWRPRELOLĐ GXMĐ ± SUR

R EHQ]LQR \$ ± SURFP 3DQVULMDV VX
DWLWLQNDPX ODLNRWDUSLX \$DQGRUD
SDGLG;MR SURF R G\]HOLQRUãHP;V ĩNLXL ±
SURF
P JHJXã;V P;Q QDIWRV \$XVLMR1LXMRUNR
ELUãRMH VXPDã;MR SURF %DOWDUXVLMR JHJXã;V
SUDGãLRMH 1LXMRUNR ELUãRMH %HOJLMD JHJXã;V
SUHNLDXMDPD SR 86' %UDJLQMD R
P;QHVL R SDEDLJRMH NDLQD VXPDã;MR LNL 86'
(85 Xã EDUHO³

7DUSWDXWLQ;V NHOLĐ WUDQMSRUWR V MXQJRV
GXRPHQLPLV P JHJXã;V 'LGãLRM %UWLDQ
EHQ]LQDV \$ NDLP\QLQ;VH ãDQVH EXYR SLJHVQLV
5XVLMRMH ± SURF R %DOWDUXVLMRMH ± SURF
(VWLMRMH EHQ]LQDV \$ DQDOL]XRMDPX ODLNRWDUSLX
EXYR SURF R /DWYLMRMH; ±SRQLMD SURF EUDQJHVQLV
QHJX /LHWXYRMH /HQNLMRMH \$DQDOL]XRMDPX ODLNRWDUSLX
EHQ]LQDV \$ NDLQDYR WLHN -SDQNDLSD LU /LHWXYRMH
'\]HOLQDV DQDOL]XRMDPX ODLNRWDUSLX EXYR
SLJHVQLV WLN 5XVLMRMH /DWYLMR LU %DOWDUXVLMRMH
/HQNLMD

'\]HOLQR LU G\]HOLQR ãHP;V ĩNLXLHWXGRWLQ;V NDLQRV
/LHWXYRMH ± P (85 0LXNVHPEXUJDV
Q\]HOLQRUãHP;V ĩNLXLND

'DWD	GLGPH	PãPH	GLGPH	PãPH	0DNHGRQLMD
VDY	±				0ROGRYD
VDY	±				1RUYHJLMD
VDY	±				1\GHUODQGDL
VDY	±				3HUX
VDY	±				3RUWXJDOLMD
VDY	±				3UDQFijLMD
VDY	±				5XPXQLMD
VDY	±				5XVLMR
VDY	±				6HUELMD
VDY	±				6ORYDNLMD
VDY	±				6ORYiQLMD
VDY	±				6XRPLMD
VDY	±				ãYHGLMD
VDY	±				ãYHLFDULMD
VDY	±				7XUNLMD
VDY	±				8NUDLQD
VDY	±				9HQJULMD
VDY	±				9RNLHWLMD

O\JLQDQW P VDYDLW VX VDY O\JLQDQW P VDYDLW VX VDYDLWH
VX P VDYDLWH ãDOWLQLV ãE,.9& /ãE035,6 ãDOWDUSWDXWLQ; NHOLĐ WUDQMS

7HFKQLNRV ULQNRV VHNWRULD XV LQIRUPDFLM SDUH



ODLVWR SURGXNWÐ PDåPHQLQ; ULQND

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

3URGXNWÐV		ODWDYLPR	3RN\WLV
		YLHQH\WDXåPDDJHGXå;QHVERWÐ	
*HULDPDVLV	SLHQDV ULHEXP	WHWUDSDNH	O
SDVWHULJXR	WDV ULHEXP	SODVWLNQLDPH PDDåHO\MH	
*HULDPDVLV	SLHQDV ULHEXP	WHWUDSDNH	O
DSGRURWDV	8\$7 ULHEXP	SODVWLNQLDPH PDDåHO\MH	
.HI\UDV	ULHEXP	WHWUDSDNH	NJ
*ULHWLQ;	ULHEXP ± J SDNXRW;MHNJ	SODVWLNQLDPH PDDåHO\MH	
9DUån;V	ULHEXP		NJ
6YLVWWDV	ULHEXP		NJ
7HSXVLV	ULHEDOX PDDåHO\MH	QH GDXJLDX NDLS; SDNXRW;MH	NJ
9DUån;	ULHEXP ± J SDNXRW;MHNJ		NJ
)HUPHQWLQL	DLHWLULDL		NJ
.LDXOLHQD	NXP SLV EH NDXOR		NJ
.LDXOLHQD	åRQLQ; EH NDXOR		NJ
9LåWLHQD	NHWYLUPLDL		NJ
9LåWÐ NLDXå;V	NDWHJRULMRV		YQW
6LON;V	NDWHJRULMRV		YQW
-IULQ;V O\GHXå;V	QH LGDULQ;WRV VX JDOYRPLVN;VIG\WRV		
0HQN;V	åO; V\U\PH		NJ
.YLHWLQLDL	XååDOG\WRV EH JDOYÐ		NJ
'XRQD	XååDOG\WD		NJ
5\åLDL	HNVWUD UIåLNM SDNXRW;MH		NJ
*ULNLÐ NUXRSRV	%±) NJ SDNXRW;MH		NJ
0DQÐ NUXRSRV	DXNåPLDXV LNM SDNXRW;MH		NJ
0DNDURQDL	%±) NJ SDNXRW;MH		NJ
&XNUXV	MXRGD		NJ
%XOY;V	EDOWD		NJ
0RUNRV	EDWRQDV		NJ
%DOWDJ;åLD	SOLN\WL		NJ
\$JXUNDL	SOLN\WL		NJ
3RPLGRUDL	*ULNLÐ NUXRSRV		NJ
6YRJ;QDL	0DQÐ NUXRSRV		NJ
ýHVQDNDL	0DNDURQDL		NJ
2EXROLDL	&XNUXV		NJ
*HULDPDVLV	OLHWXYLåNRV VHQR GHUOLDXWJ QHSODXWRV ,, NODV;V		
\$OLHM XV	LPSRUWXRWRV QDXMR GHUOLDXWJ QHSODXWRV ,, NODV;V		
0HG XV	OLHWXYLåNRV VHQR GHUOLDXWJ SODXWRV ,, NODV;V		
'UXVND	LPSRUWXRWRV VHQR GHUOLDXWJ SODXWRV ,, NODV;V		
	OLHWXYLåNL VHQR GHUOLDXV NJ, NODV;V		
	LPSRUWXRWL QDXMR GHUOLDXWJ ,, NODV;V		
	UDXJLQWL		NJ
	WUXPSDYDLV LPSRUWXRWL ,, NODV;V		
	LOJDYDLVL LPSRUWXRWL ,, NODV;V		
	LPSRUWXRWL ,, NODV;V		NJ
	OLHWXYLåNL JHOWRQLHML ,, NODV;V		
	LPSRUWXRWL JHOWRQLHML ,, NODV;V		
	LPSRUWXRWL		NJ
	LPSRUWXRWL ,, NODV;V		NJ
	*HULDPDVLV QBDX;RWDV EH SULHGÐ		O
	UDSVÐ		O
	VDXO;JU åÐ		O
	QDWIUDOXV SODVWLNQLDPH LQGHQ\MH		
	QDWIUDOXV VWLNOLQLDPH LQGHQ\MH		
	EH SULHGÐ		NJ
	MRGXRWD		NJ



SVO OHQWHO;V W VLQ\V

0DLVWR SURGXNWÐ DSUDãDV JHULDPDVLV SLHQDV ± EH SULHGÐ NYDSQLÐMÐ PHGãLDJÐ &
 VIULV ± EH SULHGÐ NPIQÐ GãLRYLQWÐ YDLVLÐ LU NW VXSDNXRWDV VYLHVWDV ± EH D.
 PLãLQ\V ± ODPLQXRWDPH DUED SHUJDPHQWLQQLDPH SRSLHULXMH YDUãni ± EH SULHGÐ G
 J ODPLQXRWDPH SRSLHULXMH DUED SODVWLNQLQDPH PDLãHO\MH IHUPHQWLQQLDL VIUL
 DWãDOG\WD VXSDNXRWD DUED QHVXSDNXRWD YLãWLHQRV NHWYLUPLDL ± XããDOG\WL V
 YLãWÐ NLDXãLQQLDL ± YQW UXGL SRSLHULQ;VH DUED SODVWLNQLQ;VH SDNXRW;VH VLO
 ± SRSLHULQ;MH SDNXRW;MH GXRQD EDWRQDV ± EH VSHFLDOLÐ SULHGÐ GãLRYLQWÐ YD
 VSHFLDOLÐ SULHGÐ SRSLHULQ;MH DUED SODVWLNQLQ;MH SDNXRW;MH JULNLÐ NUXRSRV ±
 DUED SODVWLNQLQ;MH SDNXRW;MH PDNDURQDL ± VSDJHPLDL SORQLHML LU NLWL IRUPL
 GDUãRY;V ± QHVXSDNXRWRV UDXJLQWL NRSIVWDL ± VXSDNXRWL REXROLDL ± EHW NRNL
 EXWHO\MH DOLHMxV ± PDLVWLQLV SODVWLNQLQDPH EXWHO\MH GUXVND ± SODVWLNQLQ;M
 3DVWDERV NDLQRV NDLPR YLHWRYLÐ SDUGXRWXY;VH UHJLVWUXRMDPRV LNL NLHNYLHG
 QHQDXGRMDPRV DNFLMLQ;V NDLQÐ YHUW;V

ãDOWLQLV ããã0,3\$&6 /

ãHP;V ìNLR LU PDLVWR SURGXNWÐ YLGXWLQ;V NDLQRV /LH
 ± P JHJXã;V P;Q SUDGãLRMH (85 PDW YQW

3URGXNWDV	ODWDYLPR	3RN\WLV
*HULDPDVLV	QDWIUDODXV ULHEXP	ãYLHãLDV NDUYLÐ SLHQDV
*ULHWLQ;V	QDWIUDODXV ULHEXP	O
6YLVHVWDV	EH DXJDOLQ;V NLOP;V ULHEDNÐ	
9DUãni	QDWIUDODXV ULHEXP	NJ
9DUãni;V VIUQ	QDWIUDODXV ULHEXP	NJ
.LDXOLHQD	UìN\WL ODãLQQLDL	NJ
	ãYLHãL ODãLQQLDL	NJ
	NXPSLV EH NDXOR	NJ
	VSUDQGLQ;V EH NDXOR	NJ
-DXWLHQD	QXJDULQ;V EH NDXOR	NJ
	NXPSLV EH NDXOR	NJ
9HUãLHQD	QXJDULQ;V EH NDXOR	NJ
	NXPSLV EH NDXOR	NJ
9LãWLHQD	LãGDULQ;WD QHSDGDOLQWDN	NJ JDEDOXV
.DODNXWLHQRV	NDIWLQ;O;V	NJ
9LãWÐ NLDXãLQQLDL	QXJLQWL QHUVJYQWUXRWÐ YLãWÐ DXJLQWRMÐ	
6ìG\WRV VLQ	QHVãGDULQ;WRV VX JDOYRPLV	NJ
6LONLÐ ;O;V	VX RGD VIU\PH	NJ
-ìULQ;V OìGHN	QHVãDOG\WRV EH JDOYÐ	NJ
0HQN;V ;O;V	XããDOG\WD	NJ
.DUSLDL	J\YL	NJ
.DUãLDL	DWãDOG\WL LãGDULQ;WL VXNJDOYRPLV	
0HQN;V	DWãDOG\WRV LãGDULQ;WRV NVX JDOYRPLV	
0HGxV	QDWIUDOXV	NJ
%XOY;V	OLHWXYLãNRV VHQR GHUOLDXV YLGXWLQLR G\GãLR	
	OLHWXYLãNRV QDXMR GHUOLDXV YLGXWLQLR G\GãLR	
	LPSRUWXRWRV QDXMR GHUOLDXV YLGXWLQLR G\GãLR	
%XURN;OLD	OLHWXYLãNL	NJ
0RUNRV	OLHWXYLãNRV VHQR GHUOLDXV QHSODXWRV	
%DOWDJãL	OLHWXYLãNL VHQR GHUOLDXV	
	LPSRUWXRWRV QDXMR GHUOLDXV	
ãLHGLQLDL	UDXJLQWL	NJ
	NRSRUWXRWL	NJ
\$JXUNDL	WUXPSDYDLVLDL OLHWXYLãNL	NJ
	WUXPSDYDLVLDL LPSRUWXRWL	NJ
3RPLGRUDL	OLHWXYLãNL YLGXWLQLR G\GãLR	
	LPSRUWXRWL YLGXWLQLR G\GãLR	
6YRJìQDL	OLHWXYLãNL YLGXWLQLR G\GãLR	
ýHVQDNDL	OLHWXYLãNL YLGXWLQLR G\GãLR	
	LPSRUWXRWL YLGXWLQLR G\GãLR	
2EXROLDL	OLHWXYLãNL YLGXWLQLR G\GãLR	
	LPSRUWXRWL YLGXWLQLR G\GãLR	

0DLVWR SURGXNWÐ DSUDãDV JHULDPDVLV SLHQDV ± SLOVWRPDV DUED SODVWLNQLQDPH
 DUED QHVXSDNXRWDV YDUãni YDUãni;V VUUNVWL VXSDNXRWDV DUED QHVXSDNXRWDV YLãWLHQRV
 DWãDOG\WD VYHULDPD QHVXSDNXRWD MDXWLHQD ± ãYLHãLD DWãDOG\WD VYHULDPD
 DQWLHQD ± ãYLHãLD QHVXSDNXRWD NDODNXWLHQRV NUIWLQ;O;V ± ãYLHãLD QHVXSDNXR
 VLONLÐ ;O;V ± QHVXSDNXRWD MìULQ;V OìGHN PHQN;V ;O;V DWODQWLQ;V ODãLãRV N
 PHGXV ± SODVWLNQLQDPH DUED VLNOLQQLDPH LQGHO\MH EXOY;V PRUNRV EXURN;OLD
 SRPLGRUDL VYRJìQDL þHVQDNDL ± QHVXSDNXRWD REXROLDL ± EHW NRNLRV YLHVQ;V
 3DVWDERV NDLQRV WXUJDYLHW;VH UHJLVWUXRMDPRV LNL HLQDPRMR P;QHVLR G WX

ãDOWLQLV ããã0,3\$&6 /



ãHPiV İNLRLU PDLVWR SURGXNWĐ YLGXWLQ;V NDLQRV /LHWX
± P JHJXã;V P;Q SUDGãLRMH (85 PDW YQW

3URGXNWDV		ODWDYLPR	3RN\WLV	
		YLHQHMDXã;DODQGãUX;P;QHVRWĐ		
*HULDPDVL	NDUYLĐ QDWIUDODXV ULHEXP	ãYHLãLDV		
*ULHWLQ;	QDWIUDODXV ULHEXP	O		
6YLVWWDV	EH DXJDOLQ;V NLOP;V ULHEDON			
9DUã;V	QDWIUDODXV ULHEXP	NJ		
9DUã;V VİULV	NDUYLĐ SLHQR QDWIUDODXV ULHEXP			
.LDXOLHQD	UİNLWL ODãLQLDL	NJ		
	NXPSLV EH NDXOR	NJ		
	VSUDQGLQ; EH NDXOR	NJ		
	QXJDULQ; EH NDXOR	NJ		
9LãWLHQD	LãGDULQ;WD QHSDGDOLQWD NJDEDQXV			
.DODNXWLH	QDWIWLQ;O;	NJ		
9LãWĐ NLDX	ãGLDQHãHQNOLQWL QHUHJLVWXRWĐ YLãWĐ DXJLQWRMĐ			
0HGXV	QDWIUDOXV	NJ		
'XRQD	MXRGD EH SULHGĐ	NJ		
	EDOWD EH SULHGĐ	NJ		
%XOY;V	VHQR GHUOLDXV	NJ		
0RUNRV	QHSODXWRV VHQR GHUOLDXVNJ			
.RSİVWDL	EDOWDJİãLDL VHQR GHUOLDXNJ			
.RSİVWDL	EDOWDJİãLDL UDXJLQWL	NJ		
%XURN;OLD	YLGXWLQLR G\GãLR	NJ		
6YRJİQDL	YLGXWLQLR G\GãLR	NJ		
2EXROLDL		NJ		

0DLVWR SURGXNWĐ DSUDãDV JHULDPDVLV SLHQDV ± SLOWRPDV DUED SODVWLNQLQDPH QHVXSDNXRWDV YDUã;V YDUã;V VİULV ± VXSDNXRWD DUED QHVXSDNXRWD UİNLWL OD VYHULDPD QHVXSDNXRWD YLãWLHQD DQWLHQD WULXãLHQD ± ãYHLãLD DWãDOGİWD Q SODVWLNQLQDPH DUED VVWLNQLQDPH LQGHPVWHR VG XERDOWĐ Jã HDILNFRSİQWĐ KSDNXRMĐL ES ± QHVXSDNXRWL REXROLDL ± EHW NRNLRV YHLVO;V QHVXSDNXRWL 3DVWDERV NDLQRV WXUJDYLHW;VH UHJLVWUXRMDPRV LNL HLQDPRMR P;QHVLR G WX

ãDOWLQLV ãã0,35&6 /

ËNLQLĐ J\YİQĐ LU MDYĐ YLGXWLQ;V NDLQRV /LHWXYRV W
± P JHJXã;V P;Q SUDGãLRMH (85 PDW YQW

3URGXNWDV		ODWDYLPR	3RN\WLV	
		YLHQHMDXã;DODQGãUX;P;QHVRWĐ		
*DOYLMDL	SULHDXJOLV LNL P;Q LPWLQDW			
	WHO\PLRV QXR P;Q LNL DSVLYHUãLDYLPR			
	NDUY;V QXR P;Q EHQW NDUYWDSVLYHUãLDYXVLRV			
3DUãHOLDL	LNL P;Q	YQW		
.LDXO;V	± P;Q	YQW		
	QXR P;Q	YQW		
2ãLDL		YQW		
2ãNRV	RãNLQJRV RãNDYHG;V	YQW		
	RãNĐ SULHDXJOLV ± P;Q	YQW		
\$YLQDL		YQW		
\$Y\V	iULQJRV iULDYHG;V	YQW		
ULXNDL	DYLĐ SULHDXJOLV ± P;Q	YQW		
7ULXãLDL	± P;Q	YQW		
	± P;Q	YQW		
9LãWRV LU	QXRGãP;Q	YQW		
9LãWĐ MDX	GHGHNOLĐ UİãLĐ YLHQDGLHQDW			
	PİVLQLĐ YHLVO;V YLHQDGLHQDW			
\$QpLĐ MDX	QİNLOLDY	YQW		
.YLHbLDL		NJ		
0LHãLDL	PDLVWLQLDL DUED SDãDULQLDL ± NJ PDLãXRVH			
\$YLãRV		NJ		

3DVWDERV NDLQRV WXUJDYLHW;VH UHJLVWUXRMDPRV LNL HLQDPRMR P;QHVLR G WX O\JLQDQW P JHJXã;V P;Q VX EDODQGãLR P;Q O\JLQDQW P JHJXã;V P;Q VX P JHJXã;V P;Q ãDOWLQLV ãã0,35&6 /



3LHQR SURGXNWÐ YLGXWLQ;V PDåPHQLQ;V NDLQRV /LHWXYRV GLG

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQ; VYHUWLQ; NDLOD (85 PDW YQW 3RN\WLV	VDYDR;V;H\PLRWÐ	VDY	DR;V	H\PLRWÐ
				VDYVDYVDYVDY	Y*	***	****	
*HULD SLHQDV	SDVWHULXRWDV EH SULHGD NYDSLDMÐ PHGALDJD &D YLWDPLQD LU SDQULHEXP O SDNXRWIMH	WHWUÐSDNH EXPR SODVWLNQLQDPH WHWUÐSDNH SODVWLNQLQDPH	O	EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ;				
.HI\UDV	ULHEXP ± NJWHWUÐSDNH SDNXRWIMH	SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ;				
*ULHWLQ;	ULHEXP ± J SROLVWLNQR LQGHOIMH	SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ; NJEH DNFLMÐ DNFLQ;				
9DUäN VIULV	EH SULHGD GäLRYLQW YDLVLÐ ULHEXP LU NW ULHEXP	VXSDNXRWÐV SODVWLNQLQDPH	N	EH DNFLMÐ DNFLQ; NJEH DNFLMÐ DNFLQ;				
-RJXUW	LäVN\UXV J SROLVWLNQR GLHWLQ;GHOIMH	SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ; NJEH DNFLMÐ DNFLQ;				
6YLHV	ULHEXP	SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ;				
7HSXV ULHED PLäLQ; ULHED	QH GDXJLÐX NLS ODPLQXRWDPH SRSLSHULXMH LQJJDOLQD ULHED	J SHUJDPHQWLQDPH SODVWLNQLQDPH	N	EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ; DNFLQ;				
6DOGLQWÐV VXWLUäWUQMDXPR SLHQDV	ULHEXP ± J VNDUGLQ;MH SDNXRWIMH	SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ;				
9DUäN	EH SULHGD ULHEXP ± J ODPLQXRWDPH SRSLSHULXMH DUED OLHVÐSODVWLNQLQDPH PDLäWHWUÐSDNH	SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ; DNFLQ;				
)HUPH WLQLV	*RXGD QHVXSMDXVW\WDV ULHNHO;PLV QH VXSMDXVW\WDV VXSDNXRWÐV ULHNHO;PLV	SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ; NJEH DNFLMÐ DNFLQ;				
7LOQHWXSMDXVW\WDV ULHNHO;PLV		SODVWLNQLQDPH PDLä WHWUÐSDNH	N	EH DNFLMÐ DNFLQ;				

3DXNäWLHQRV SURGXNWÐ LU NLDXäLQLÐ YLGXWLQ;V PDåPHQLQ;V NDLQRV

3URGXNWÐV			0DWDYL PR YQW	9LGXWLQ; VYHUWLQ; NDLOD (85 PDW YQW 3RN\WLV	VDYDR;V;H\PLRWÐ	VDY	DR;V	H\PLRWÐ
				VDYVDYVDYVDY	Y*	***	****	
9LäWLHQRV NHWYLUPLD	DWY;VLQWL QHVXSDNXRWL	VXSDNXRWL DUED QHVXSDNXRWL	N	EH DNFLMÐ DNFLQ;				
9LäpLXNDV DU	DWY;VLQWÐV QHVXNDSRWDV VXSDNXRWÐV DUED	QHVXNDSRWDV VXSDNXRWÐV	N	EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ;				
YLäpLXNDV EURLOHULV 9LäWLHQRV NUIWLQ;O;	QHVXNDSRWDV QHVXNDSRWDV	QHVXNDSRWDV QHVXNDSRWDV	N	EH DNFLMÐ DNFLQ; NJEH DNFLMÐ DNFLQ;				
.DODNäYLHäLD WLHQRV NUIWLQ;O;	QHVXNDSRWDV QHVXNDSRWDV	VXSDNXRWÐ DUED QHVXSDNXRWÐ	N	EH DNFLMÐ DNFLQ; NJEH DNFLMÐ DNFLQ;				
1DUYXR ODLNRÐ YLäWÐ NLDXäLQLÐ	QHVXNDSRWDV QHVXNDSRWDV QHVXNDSRWDV	SDNXRWL 3 SRSLSHULXMH DUED SODVWLNQLQDPH PDLäWHWUÐSDNH	N	EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ; EH DNFLMÐ DNFLQ;				



*UİĞĐ SURGXNWĐ YLGXWLQıV PDâPHQLQıV NDLQRV /LHWXYRV GLGâL

3URGXNWĐV		0DWDYL PR YQW	9LGXWLQı VYHUWLQı NDLQD (85 PDW YQW 3RN\WLV	VDYDRıQıH\PLRWĐ	VDYVDYVDYVDY*	***	****
.YLHWLQLDL PLOWDL	HNVWUD UıäLHV %±)	NJ SRSLHULOıMH SDNXRWıMH	NJEH DNFLMĐ				
		NJ SRSLHULOıMH SDNXRWıMH	NJEH DNFLMĐ				
		NJ SRSLHULOıMH SDNXRWıMH	NJEH DNFLMĐ				
		NJ SRSLHULOıMH SDNXRWıMH	NJEH DNFLMĐ				
'XRQD äYLHV	WDPVL	EH VSHFLDOLD SULHGĐSRSLHULOıMH DUED	NJEH DNFLMĐ				
	EDWRQDV	GâLRYLSODVWLNLQıMH YDLVLĐSDNXRWıMH	NJEH DNFLMĐ				
		LU NW	NJEH DNFLMĐ				
5\âLDL		EH VSHFLDOLD SULHGĐSDNXRWıMH	NJEH DNFLMĐ				
0DNDU		VSDJHbLDL SODVWLNLQıMH SDNXRWıMH	NJEH DNFLMĐ				
		IRUPLQLDL LU NW	NJEH DNFLMĐ				
*ULNLĐ NUXRSRV		EH VSHFLDOLD SULHGĐSDNXRWıMH	NJEH DNFLMĐ				
0DQĐ NUXRSRV							
\$YLâLQıV NUXRSRV		SRSLHULOıMH DUED SDNXRWıMH	NJEH DNFLMĐ				
0LHâLQıV NUXRSRV							
3HUOLQıV NUXRSRV							
6NDOG\WL âLUQLDL							

âXYĐ SURGXNWĐ YLGXWLQıV PDâPHQLQıV NDLQRV /LHWXYRV GLGâL

3URGXNWĐV		0DWDYL PR YQW	9LGXWLQı VYHUWLQı NDLQD (85 PDW YQW 3RN\WLV	VDYDRıQıH\PLRWĐ	VDYVDYVDYVDY*	***	****
-İULQıV OıGHNR		EH VSHFLDOLD SULHGĐSDNXRWıMH	NJEH DNFLMĐ				
\$WODOAVLQıV ODâLâRKR LNL NJ		SODVWLNLQıMH DUED SDNXRWıMH	NJEH DNFLMĐ				
0HQNi Xââı .DUSLDıYL DUED äYLHâLDL		SODVWLNLQıMH DUED SDNXRWıMH	NJEH DNFLMĐ				
6ıGıWRV VLONıV		VX JDOYRPLMJEH DNFLMĐ					
6LONıQıV -İULQLDL HâHULDL		QHVXSDNXRWıMH SDNXRWıMH	NJEH DNFLMĐ				
6NXPEıV âXYĐ NRQVHUYDL DOLHMıXıHıPEUıV		VXSDNXRWıMH DUED SDNXRWıMH	NJEH DNFLMĐ				
âXYĐ NRQVHUYDL SRPLGRUĐ SDGDâH		VNDUGLQıMH SDNXRWıMH	NJEH DNFLMĐ				

