한 노동력을 대체하기 위해 기계도입을 적극적으로 하고 있는 것으로 보인다.

<표 3-3-79> 봄감자 생산비 기준 상위 7개 항목의 연도별 생산비 변동 추이

(단위: 천원)

구분 노동비 중자비 보통비 제료비 비료비 상각비 용역비 변화 상각비 용역비 변화 380 188 176 141 117 117 80 117 80 1176 26.1% 12.9% 12.1% 9.7% 8.1% 8.0% 5.5% 순위 1 2 3 4 5 6 7 2001 281 12.7 117 90 81 63 101 2002 294 119 103 94 69 59 97 2003 308 126 115 95 75 60 96 2004 297 147 113 99 81 50 106 2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2014 472 190 169 136 116 119 80 2001								(단위: 전원)
국악 380 188 176 141 117 117 80 비중 26.1% 12.9% 12.1% 9.7% 8.1% 8.0% 5.5% 순위 1 2 3 4 5 6 7 2001 281 127 117 90 81 63 101 2002 294 119 103 94 69 59 97 2003 308 126 115 95 75 60 96 2004 297 147 113 99 81 50 106 2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2013 360 202 169 142 128 128 128 77 2014 472 190 169 136 116 119 80 2001	7 H	자가	조카메	고용	기타	유기질	대농기구	토지자본
비중 26.1% 12.9% 12.1% 9.7% 8.1% 8.0% 5.5% ⓒ위 1 2 3 4 5 6 7 7 2001 281 127 117 90 81 63 101 2002 294 119 103 94 69 59 97 2003 308 126 115 95 75 60 96 96 2004 297 147 113 99 81 50 106 2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 128 128 77 2014 472 190 169 136 116 119 80 2001 -	十 是	노동비		노동비	재료비	비료비	상각비	용역비
金위	금액	380	188	176	141	117	117	80
2001 281 127 117 90 81 63 101 2002 294 119 103 94 69 59 97 2003 308 126 115 95 75 60 96 2004 297 147 113 99 81 50 106 2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 288 200 181 151 112 109 87	비중	26.1%	12.9%	12.1%	9.7%	8.1%	8.0%	5.5%
2002 294 119 103 94 69 59 97 2003 308 126 115 95 75 60 96 2004 297 147 113 99 81 50 106 2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86	순위	1	2	3	4	5	6	7
2003 308 126 115 95 75 60 96 2004 297 147 113 99 81 50 106 2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2013 360 202 169 142 128 128 77 <td>2001</td> <td>281</td> <td>127</td> <td>117</td> <td>90</td> <td>81</td> <td>63</td> <td>101</td>	2001	281	127	117	90	81	63	101
2004 297 147 113 99 81 50 106 2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2013 360 202 169 142 128 128 77 2014 472 190 169 136 116 119 80	2002	294	119	103	94	69	59	97
2005 286 153 115 105 74 57 86 2006 292 135 126 108 88 77 94 2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2013 360 202 169 142 128 128 77 2014 472 190 169 136 116 119 80 2001 - - - - - - - - </td <td>2003</td> <td>308</td> <td>126</td> <td>115</td> <td>95</td> <td>75</td> <td>60</td> <td>96</td>	2003	308	126	115	95	75	60	96
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2004	297	147	113	99	81	50	106
2007 274 132 116 105 99 101 90 2008 287 147 157 115 109 106 76 2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2013 360 202 169 142 128 128 77 2014 472 190 169 136 116 119 80 2001 -	2005	286	153	115	105	74	57	86
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2006	292	135	126	108	88	77	
2009 275 137 155 118 112 120 86 2010 289 159 172 133 100 107 71 2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2013 360 202 169 142 128 128 77 2014 472 190 169 136 116 119 80 2001 - <td>2007</td> <td>274</td> <td>132</td> <td>116</td> <td>105</td> <td>99</td> <td>101</td> <td>90</td>	2007	274	132	116	105	99	101	90
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2008	287	147	157	115	109	106	76
2011 289 200 181 151 112 109 87 2012 325 190 191 143 132 123 86 2013 360 202 169 142 128 128 77 2014 472 190 169 136 116 119 80 2001 - - - - - - - - - 2002 4.5% -6.0% -11.7% 4.8% -15.0% -6.4% -4.6% 2003 4.8% 5.5% 11.6% 0.2% 8.4% 2.8% -0.8% 2004 -3.3% 17.2% -1.5% 5.0% 7.5% -17.6% 10.4% 2005 -3.8% 4.0% 1.8% 5.5% -8.7% 15.6% -18.4% 2006 2.0% -11.9% 9.5% 3.1% 19.5% 34.8% 9.0% 2007 -5.9% -2.6%	2009	275	137	155	118	112	120	86
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2010	289	159	172	133	100	107	71
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2011	289	200	181	151		109	
2014 472 190 169 136 116 119 80 2001 -	2012	325	190	191	143	132	123	86
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2013	360	202	169	142	128	128	77
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2014	472	190	169	136	116	119	80
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2001	_	_	_	_	_	_	_
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2002	4.5%	-6.0%	-11.7%	4.8%	-15.0%	-6.4%	-4.6%
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2003	4.8%	5.5%	11.6%	0.2%	8.4%	2.8%	-0.8%
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2004					7.5%	-17.6%	10.4%
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$								
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2006							9.0%
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2007	-5.9%	-2.6%	-8.2%	-3.1%	13.1%	30.2%	-4.0%
2010 5.0% 15.9% 10.8% 12.3% -10.6% -11.0% -16.7% 2011 -0.1% 26.2% 5.0% 13.4% 11.4% 1.7% 22.1% 2012 12.7% -5.1% 5.7% -4.9% 17.9% 13.0% -1.6% 2013 10.8% 6.4% -11.7% -0.9% -2.8% 4.1% -10.1% 2014 30.9% -6.0% 0.3% -4.5% -9.3% -7.2% 4.2%	2008	4.4%	11.9%	35.1%	10.1%		5.5%	-15.3%
2011 -0.1% 26.2% 5.0% 13.4% 11.4% 1.7% 22.1% 2012 12.7% -5.1% 5.7% -4.9% 17.9% 13.0% -1.6% 2013 10.8% 6.4% -11.7% -0.9% -2.8% 4.1% -10.1% 2014 30.9% -6.0% 0.3% -4.5% -9.3% -7.2% 4.2%	2009	-4.0%	-6.9%	-1.1%		3.2%	13.3%	11.9%
2012 12.7% -5.1% 5.7% -4.9% 17.9% 13.0% -1.6% 2013 10.8% 6.4% -11.7% -0.9% -2.8% 4.1% -10.1% 2014 30.9% -6.0% 0.3% -4.5% -9.3% -7.2% 4.2%	2010	5.0%	15.9%	10.8%	12.3%	-10.6%	-11.0%	-16.7%
2013 10.8% 6.4% -11.7% -0.9% -2.8% 4.1% -10.1% 2014 30.9% -6.0% 0.3% -4.5% -9.3% -7.2% 4.2%								
2014 30.9% -6.0% 0.3% -4.5% -9.3% -7.2% 4.2%	2012	12.7%	-5.1%	5.7%	-4.9%	17.9%	13.0%	-1.6%
	2013	10.8%	6.4%	-11.7%	-0.9%	-2.8%		-10.1%
평균 2.3% 4.6% 3.8% 4.0% 4.4% 7.2% -1.5%		30.9%	-6.0%	0.3%	-4.5%	-9.3%	-7.2%	4.2%
	평균	2.3%	4.6%	3.8%	4.0%	4.4%	7.2%	-1.5%

(2) 가을감자 농가 경영현황 및 생산비 변동 추이

가을감자의 부산물가액은 봄감자에 비하여 미미한 수준이다(표 3-3-80). 가을감자의 주산물 가액, 총수입, 경영비의 연평균증가율은 비슷한 수준이었다.

주요 경영지표의 연평균 증가율을 살펴보면 순수익이 가장 높고 생산비의 증가가 가장 낮았다(표 3-3-81). 봄감자와 마찬가지로 2001년 이후 생산비절감기술의 발달이 있으리라 예상된다.