



Rice Production Cost Survey in 2020

□ Rice Production Costs

- Rice production costs per 10a recorded 773,658 won in 2020, which rose by 452 won (0.1%) from 2019.

773,205 won in 2019 → 773,658 won in 2020 (an increase of 452 won, 0.1%)

- Among direct costs, farm machinery costs marked a year-on-year decrease. Whereas, among indirect costs, costs of land services marked a year-on-year increase.

* Farm machinery costs: 36,856 won in 2019 → 23,448 won in 2020 (a decrease of 13,409 won, -36.4%)

* Costs of land services: 258,641 won in 2019 → 277,947 won in 2020 (an increase of 19,306 won, 7.5%)

- Rice production costs per 20kg amounted to 31,082 won in 2020, which grew by 1,910 won (6.5%) from 2019.

29,172 won in 2019 → 31,082 won in 2020 (a rise of 1,910 won, 6.5%)

- A year-on-year increase in rice production costs per 20kg resulted from a rise in rice production costs per 10a (0.1%) and a drop in rice production per 10a (-5.8%).

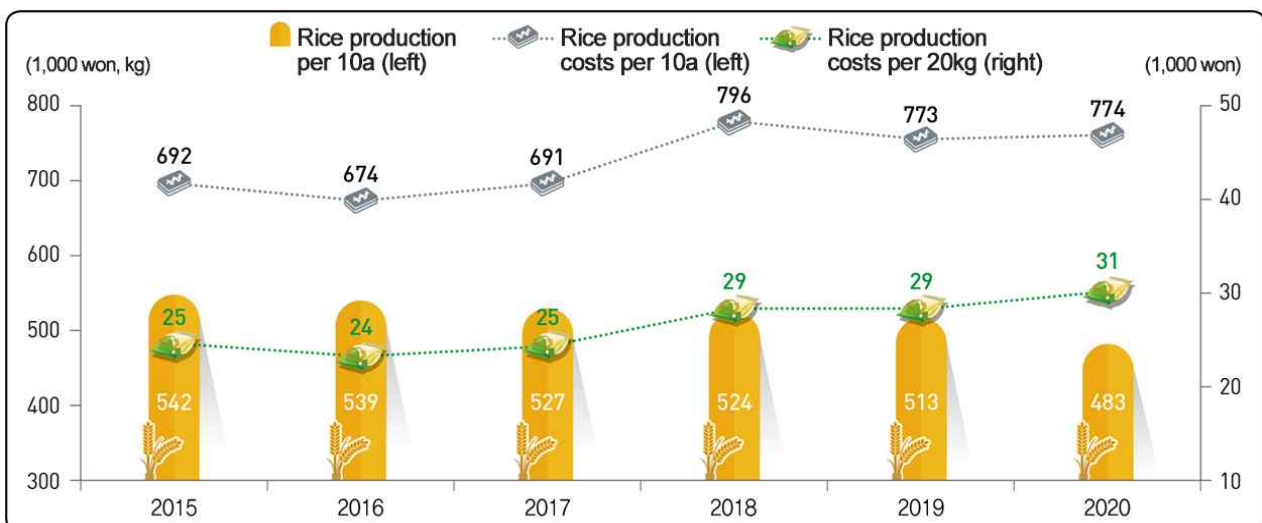
< Rice production costs >

(Unit: won, %, kg)

Classification	2019	2020	Year-on-year	
			Change	Percent change
□ Rice production costs per 10a	773,205	773,658	452	0.1
◦ Direct costs	504,284	487,315	-16,969	-3.4
◦ Indirect costs	268,921	286,343	17,421	6.5
□ Rice production costs per 20kg	29,172	31,082	1,910	6.5
□ Rice production per 10a *	513	483	-30	-5.8

* Crop Production Survey of Statistics Korea

< Rice production costs by year >



□ Rice profitability per 10a

- In 2020, gross receipts per 10a recorded 1,216,248 won, which rose by 63,668 won (5.5%) from 2019.

1,152,580 won in 2019 → 1,216,248 won in 2020 (an increase of 63,668 won, 5.5%)

- A year-on-year increase in gross receipts per 10a resulted from a rise in rice prices in producing areas despite a drop in rice production per 10a.

* Rice production per 10a: 513kg in 2019 → 483kg in 2020 (a decrease of 30kg, -5.8%)

* Rice prices in producing areas (20kg, 4th quarter): 47.5 thousand won in 2019 → 54.1 thousand won in 2020 (an increase of 6.63 thousand won, 14.0%)

- In 2020, the income ratio stood at 60.2%, up 2.3%p from 2019. In 2020, the net profit ratio per 10a stood at 36.4%, up 3.5%p from 2019.

· Income ratio: 57.9% in 2019 → 60.2% in 2020 (an increase of 2.3%p)
 · Net profit ratio: 32.9% in 2019 → 36.4% in 2020 (an increase of 3.5%p)

< Rice profitability >

(Unit: won, %, %p)

Classification	2019	2020	Year-on-year	
			Change	Percent change
□ Gross receipts per 10a (a)	1,152,580	1,216,248	63,668	5.5
□ Production costs per 10a (b)	773,205	773,658	452	0.1
◦ Agricultural management costs per 10a ¹⁾ (c)	485,177	484,522	-655	-0.1
◦ Internal costs per 10a ²⁾	288,028	289,136	1,108	0.4
□ Income per 10a (a) - (c)	667,403	731,727	64,323	9.6
◦ Income ratio ³⁾	57.9	60.2	2.3	-
□ Net profit per 10a (a) - (b)	379,375	442,591	63,216	16.7
◦ Net profit ratio ³⁾	32.9	36.4	3.5	-

Note) 1) Agricultural management costs = Production costs - Internal costs

2) Internal costs = Self-labor costs + Self-land service costs + Capital service costs

3) Income ratio = (Income / Gross receipts) x 100

Net profit ratio = (Net profit / Gross receipts) x 100

< Rice profitability by year >

