

소 도체 수율
- 냉도체중 대비 도체 부산물 생산율 -

※ 한우전체, 한우암소, 한우 수소, 한우 거세수소, 육량A등급, 육량B등급, 육량C등급, 육질1⁺등급, 육질1등급, 육질2등급, 육질3등급으로 구분하여 도체 부산물 생산율을 확인할 수 있습니다.

■ 한우 전체의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)								전체
	400 이하	401~450	451~500	501~550	551~600	601~650	651~700	701 이상	
조사두수	17	50	102	146	186	160	105	99	565
절식체중 (kg)	370.85 ±7.59	429.26 ±1.96	476.19 ±1.45	524.90 ±1.16	575.11 ±1.08	624.60 ±1.10	674.12 ±1.42	743.45 ±4.28	582.96 ±3.20
온도체중 (kg)	210.18 ±5.01	250.90 ±1.76	278.55 ±1.37	313.39 ±1.16	345.24 ±0.94	375.10 ±1.13	412.18 ±1.53	459.37 ±3.40	350.65 ±2.17
냉도체중 (kg)	206.32 ±5.05	246.61 ±1.74	274.22 ±1.36	308.24 ±1.15	339.77 ±0.93	368.79 ±1.10	404.53 ±1.53	449.89 ±3.34	344.54 ±2.11
사골	4.77 ±0.14	4.54 ±0.08	4.54 ±0.05	4.47 ±0.04	4.32 ±0.03	4.23 ±0.03	4.19 ±0.04	4.01 ±0.03	4.32 ±0.02
꼬리반골	3.00 ±0.07	2.82 ±0.03	2.76 ±0.02	2.63 ±0.02	2.59 ±0.02	2.57 ±0.02	2.65 ±0.03	2.57 ±0.02	2.64 ±0.01
도가니	1.35 ±0.68	1.06 ±0.25	1.67 ±0.20	2.02 ±0.17	2.32 ±0.15	3.15 ±0.16	4.14 ±0.14	3.75 ±0.16	2.64 ±0.07
잡뼈	4.10 ±0.36	3.82 ±0.21	3.05 ±0.18	2.63 ±0.15	2.30 ±0.13	1.57 ±0.13	0.79 ±0.11	0.96 ±0.13	2.09 ±0.06
뼈소계	13.22 ±0.55	12.25 ±0.18	12.01 ±0.11	11.75 ±0.08	11.53 ±0.07	11.51 ±0.09	11.77 ±0.11	11.30 ±0.09	11.70 ±0.04

■ 한우 암소의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)					전체
	400 이하	401~450	451~500	501~550	551~600	
조사두수	17	24	28	10	5	84
절식체중 (kg)	370.85 ±7.59	425.92 ±2.87	477.16 ±2.63	519.80 ±4.53	556.50 ±2.86	450.80 ±6.27
온도체중 (kg)	210.18 ±5.01	246.19 ±2.63	272.77 ±2.51	294.32 ±3.71	332.19 ±3.09	258.61 ±3.90
냉도체중 (kg)	206.32 ±5.05	242.16 ±2.60	268.86 ±2.55	289.44 ±3.89	327.47 ±3.13	254.51 ±3.88
사골	4.77 ±0.14	4.10 ±0.07	3.96 ±0.06	3.89 ±0.16	3.43 ±0.06	4.12 ±0.06
꼬리반골	3.00 ±0.07	2.78 ±0.04	2.76 ±0.04	2.60 ±0.11	2.37 ±0.05	2.77 ±0.03
도가니	1.35 ±0.68	0.71 ±0.34	0.35 ±0.01	0.87 ±0.50	0.32 ±0.01	0.72 ±0.18
잡 뼈	4.10 ±0.36	4.00 ±0.18	4.00 ±0.06	3.48 ±0.36	3.63 ±0.11	3.94 ±0.10
뼈소계	13.22 ±0.55	11.58 ±0.24	11.07 ±0.15	10.84 ±0.46	9.75 ±0.20	11.55 ±0.18

■ 한우 수소의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)							전체
	401~ 450	451~ 500	501~ 550	551~ 600	601~ 650	651~ 700	701 이상	
조사두수	15	25	29	45	59	70	44	287
절식체중 (kg)	430.50 ±3.69	476.02 ±2.93	527.10 ±2.34	578.06 ±2.38	624.78 ±1.77	672.54 ±1.66	733.06 ±4.67	612.72 ±5.20
온도체중 (kg)	254.54 ±2.59	283.11 ±2.47	318.83 ±2.74	347.39 ±2.08	376.51 ±1.85	412.68 ±1.67	450.75 ±4.26	371.81 ±3.46
냉도체중 (kg)	249.92 ±2.62	278.40 ±2.46	313.79 ±2.65	341.36 ±2.02	369.48 ±1.86	405.25 ±1.72	442.15 ±4.12	365.13 ±3.39
사골	5.13 ±0.11	4.75 ±0.07	4.52 ±0.06	4.32 ±0.05	4.22 ±0.05	4.21 ±0.04	4.14 ±0.05	4.35 ±0.03
꼬리반골	2.96 ±0.05	2.86 ±0.04	2.81 ±0.04	2.71 ±0.03	2.67 ±0.04	2.73 ±0.03	2.70 ±0.03	2.74 ±0.02
도가니	0.38 ±0.01	0.57 ±0.20	1.00 ±0.31	2.79 ±0.34	3.52 ±0.27	4.13 ±0.20	3.46 ±0.32	2.87 ±0.13
잡뼈	4.81 ±0.1	4.32 ±0.18	3.85 ±0.27	2.13 ±0.3	1.47 ±0.23	0.94 ±0.16	1.51 ±0.26	2.12 ±0.12
뼈소계	13.29 ±0.25	12.51 ±0.18	12.19 ±0.15	11.96 ±0.16	11.88 ±0.16	12.02 ±0.13	11.81 ±0.15	12.07 ±0.06

■ 한우 거세수소의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)							전체
	401~ 450	451~ 500	501~ 550	551~ 600	601~ 650	651~ 700	701 이상	
조사두수	11	49	107	136	101	35	55	494
절식체중 (kg)	434.87 ±3.57	475.71 ±2.19	524.78 ±1.39	574.82 ±1.21	624.50 ±1.41	677.29 ±2.64	751.76 ±6.57	588.15 ±3.75
온도체중 (kg)	256.19 ±3.44	279.52 ±2.00	313.70 ±1.22	345.00 ±1.06	374.28 ±1.42	411.19 ±3.15	466.26 ±4.91	354.01 ±2.54
냉도체중 (kg)	251.79 ±3.43	275.16 ±1.99	308.49 ±1.21	339.70 ±1.05	368.38 ±1.37	403.08 ±3.04	456.08 ±4.90	347.89 ±2.46
사골	4.72 ±0.11	4.75 ±0.07	4.50 ±0.04	4.36 ±0.03	4.24 ±0.04	4.14 ±0.07	3.91 ±0.04	4.35 ±0.02
꼬리반골	2.72 ±0.10	2.71 ±0.03	2.59 ±0.02	2.55 ±0.02	2.50 ±0.02	2.48 ±0.03	2.47 ±0.03	2.56 ±0.01
도가니	2.74 ±0.68	2.99 ±0.30	2.41 ±0.20	2.24 ±0.17	2.93 ±0.19	4.18 ±0.13	3.99 ±0.10	2.84 ±0.09
잡뼈	2.1 ±0.58	1.85 ±0.26	2.22 ±0.18	2.31 ±0.15	1.62 ±0.17	0.49 ±0.1	0.53 ±0.09	1.77 ±0.08
뼈소계	12.27 ±0.34	12.31 ±0.16	11.72 ±0.09	11.46 ±0.07	11.29 ±0.09	11.29 ±0.16	10.89 ±0.09	11.51 ±0.04

■ 육량 A등급의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)							전체
	401~ 450	451~ 500	501~ 550	551~ 600	601~ 650	651~ 700	701 이상	
조사두수	9	39	61	72	71	60	38	350
절식체중 (kg)	434.34 ±4.40	477.05 ±2.46	523.50 ±1.72	573.79 ±1.71	626.45 ±1.56	673.00 ±1.75	737.13 ±5.18	596.09 ±4.45
온도체중 (kg)	259.24 ±2.67	282.12 ±2.29	313.24 ±1.59	344.37 ±1.53	376.45 ±1.70	410.64 ±1.89	457.47 ±4.11	360.10 ±3.00
냉도체중 (kg)	254.41 ±2.60	277.58 ±2.25	307.78 ±1.58	338.58 ±1.50	369.11 ±1.68	402.80 ±1.96	447.49 ±3.98	353.28 ±2.91
사골	4.97 ±0.11	4.80 ±0.08	4.63 ±0.05	4.42 ±0.04	4.35 ±0.04	4.27 ±0.05	4.16 ±0.05	4.45 ±0.02
꼬리반골	2.82 ±0.08	2.78 ±0.04	2.69 ±0.02	2.66 ±0.02	2.69 ±0.03	2.73 ±0.04	2.70 ±0.04	2.71 ±0.01
도가니	1.31 ±0.59	3.11 ±0.34	3.27 ±0.26	2.90 ±0.25	4.00 ±0.20	4.56 ±0.14	4.23 ±0.23	3.60 ±0.10
잡뼈	3.70 ±0.64	1.83 ±0.31	1.59 ±0.23	1.93 ±0.22	0.99 ±0.16	0.56 ±0.11	0.76 ±0.19	1.35 ±0.09
뼈소계	12.80 ±0.27	12.53 ±0.18	12.18 ±0.11	11.91 ±0.11	12.03 ±0.13	12.12 ±0.12	11.85 ±0.14	12.10 ±0.05

■ 육량 B등급의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)							전체	
	400 이하	401~ 450	451~ 500	501~ 550	551~ 600	601~ 650	651~ 700		701 이상
조사두수	13	38	60	78	105	79	38	48	459
절식체중 (kg)	378.77 ±6.31	428.74 ±2.22	475.46 ±1.85	525.86 ±1.64	575.68 ±1.45	623.29 ±1.66	675.41 ±2.66	742.15 ±5.84	570.23 ±4.45
온도체중 (kg)	217.09 ±4.68	249.17 ±1.99	276.32 ±1.74	312.93 ±1.76	345.38 ±1.25	373.91 ±1.67	413.37 ±2.52	455.79 ±4.88	341.33 ±3.00
냉도체중 (kg)	213.15 ±4.75	244.98 ±1.99	272.06 ±1.74	308.01 ±1.74	340.11 ±1.23	368.36 ±1.62	405.98 ±2.41	446.49 ±4.75	335.73 ±2.93
사골	4.65 ±0.15	4.47 ±0.10	4.39 ±0.07	4.37 ±0.05	4.29 ±0.04	4.15 ±0.04	4.11 ±0.07	3.95 ±0.05	4.27 ±0.02
꼬리반골	3.00 ±0.09	2.83 ±0.04	2.75 ±0.03	2.61 ±0.03	2.55 ±0.02	2.49 ±0.03	2.55 ±0.05	2.52 ±0.03	2.61 ±0.01
도가니	0.83 ±0.43	0.84 ±0.22	0.80 ±0.17	1.15 ±0.18	1.96 ±0.19	2.44 ±0.22	3.54 ±0.28	3.43 ±0.24	1.91 ±0.09
잡뼈	4.19 ±0.34	3.92 ±0.21	3.80 ±0.15	3.38 ±0.17	2.55 ±0.17	2.06 ±0.20	1.14 ±0.24	1.15 ±0.21	2.66 ±0.09
뼈소계	12.67 ±0.40	12.05 ±0.21	11.75 ±0.14	11.51 ±0.11	11.36 ±0.09	11.14 ±0.10	11.34 ±0.19	11.05 ±0.11	11.46 ±0.05

■ 육량 C등급의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)								전체
	400 이하	401~450	451~500	501~550	551~600	601~650	651~700	701 이상	
조사두수	4	3	3	7	9	10	7	13	56
절식체중 (kg)	345.13 ±22.38	420.67 ±10.33	479.50 ±9.26	526.36 ±6.02	578.94 ±5.46	621.85 ±3.89	676.71 ±5.15	766.73 ±18.67	605.34 ±17.24
온도체중 (kg)	187.74 ±8.09	247.73 ±10.85	276.60 ±3.29	319.80 ±3.47	350.43 ±4.21	374.94 ±2.55	418.99 ±8.87	478.15 ±13.65	368.12 ±11.82
냉도체중 (kg)	184.12 ±8.33	243.83 ±10.59	273.80 ±4.36	314.80 ±3.43	345.38 ±4.18	369.81 ±2.60	411.45 ±8.54	469.47 ±13.69	362.19 ±11.59
사골	5.15 ±0.29	4.17 ±0.16	3.88 ±0.17	4.06 ±0.05	3.93 ±0.09	4.01 ±0.10	3.93 ±0.12	3.78 ±0.06	4.02 ±0.06
꼬리반골	3.02 ±0.15	2.73 ±0.07	2.64 ±0.05	2.38 ±0.07	2.37 ±0.07	2.32 ±0.06	2.49 ±0.06	2.39 ±0.05	2.46 ±0.03
도가니	3.05 ±2.61	3.13 ±2.76	0.35 ±0.01	0.91 ±0.53	1.93 ±0.64	2.67 ±0.64	3.83 ±0.59	3.56 ±0.40	2.61 ±0.32
잡뼈	3.82 ±1.16	3.01 ±1.36	3.84 ±0.11	3.35 ±0.52	2.34 ±0.61	1.72 ±0.55	0.91 ±0.53	0.86 ±0.33	2.05 ±0.25
뼈소계	15.03 ±1.81	13.04 ±1.32	10.71 ±0.29	10.69 ±0.20	10.57 ±0.27	10.72 ±0.28	11.15 ±0.22	10.59 ±0.16	11.15 ±0.22

■ 육질 1⁺등급의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)							전체
	401~450	451~500	501~550	551~600	601~650	651~700	701 이상	
조사두수	1	2	17	14	21	18	37	110
절식체중 (kg)	444.60	455.00 ±0.00	525.25 ±3.74	571.59 ±3.79	628.90 ±3.09	681.47 ±2.98	753.03 ±7.49	651.11 ±9.03
온도체중 (kg)	268.82	266.74 ±2.60	317.83 ±3.08	345.16 ±3.11	381.43 ±3.23	415.68 ±3.98	468.22 ±5.35	398.67 ±6.09
냉도체중 (kg)	262.22	264.99 ±5.15	312.60 ±3.08	339.35 ±3.07	374.23 ±3.14	407.06 ±3.92	457.68 ±5.37	390.70 ±5.90
사골	4.73	4.66 ±0.25	4.24 ±0.09	4.32 ±0.07	4.23 ±0.09	4.06 ±0.10	3.89 ±0.04	4.11 ±0.04
꼬리반골	2.47	2.64 ±0.23	2.50 ±0.05	2.58 ±0.05	2.52 ±0.05	2.47 ±0.05	2.50 ±0.03	2.51 ±0.02
도가니	4.50	2.51 ±2.13	3.78 ±0.33	4.00 ±0.30	4.14 ±0.20	4.28 ±0.11	4.15 ±0.05	4.07 ±0.09
잡뼈	0.37	2.24 ±1.78	0.78 ±0.26	0.69 ±0.28	0.54 ±0.17	0.39 ±0.01	0.41 ±0.01	0.56 ±0.07
뼈소계	12.07	12.04 ±0.82	11.31 ±0.25	11.59 ±0.19	11.43 ±0.21	11.20 ±0.23	10.95 ±0.09	11.25 ±0.08

■ 육질 1등급의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)								전체
	400 이하	401~ 450	451~ 500	501~ 550	551~ 600	601~ 650	651~ 700	701 이상	
조사두수	3	9	30	40	53	54	18	16	223
절식체중 (kg)	388.50 ±2.65	422.67 ±5.97	479.07 ±2.38	524.31 ±2.30	574.23 ±2.04	624.01 ±2.00	671.39 ±3.72	750.88 ±14.86	576.43 ±5.65
온도체중 (kg)	224.20 ±5.44	245.80 ±4.27	281.61 ±2.35	311.74 ±2.04	346.37 ±1.67	373.04 ±1.77	404.90 ±3.98	464.52 ±11.66	345.56 ±3.77
냉도체중 (kg)	220.47 ±5.46	241.73 ±4.13	277.42 ±2.34	306.24 ±1.99	341.22 ±1.66	367.05 ±1.67	397.53 ±3.77	454.82 ±11.58	339.67 ±3.67
사골	4.17 ±0.18	4.30 ±0.16	4.32 ±0.09	4.38 ±0.06	4.27 ±0.05	4.18 ±0.04	4.21 ±0.09	3.93 ±0.09	4.24 ±0.03
꼬리반골	2.77 ±0.17	2.83 ±0.09	2.63 ±0.04	2.56 ±0.02	2.51 ±0.03	2.50 ±0.03	2.55 ±0.06	2.41 ±0.05	2.54 ±0.02
도가니	0.39 ±0.01	0.97 ±0.58	1.72 ±0.36	2.05 ±0.33	2.09 ±0.28	2.57 ±0.27	3.97 ±0.33	3.38 ±0.38	2.33 ±0.14
잡뼈	4.19 ±0.25	3.67 ±0.42	2.81 ±0.32	2.52 ±0.28	2.38 ±0.23	1.96 ±0.24	0.78 ±0.28	1.05 ±0.36	2.21 ±0.12
뼈소계	11.52 ±0.59	11.77 ±0.44	11.49 ±0.19	11.50 ±0.16	11.25 ±0.13	11.21 ±0.11	11.51 ±0.25	10.77 ±0.19	11.33 ±0.07

■ 육질 2등급의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)								전체
	400 이하	401~ 450	451~ 500	501~ 550	551~ 600	601~ 650	651~ 700	701 이상	
조사두수	7	20	37	63	83	55	40	21	326
절식체중 (kg)	373.71 ±11.02	431.38 ±2.54	477.20 ±2.34	525.29 ±1.82	576.35 ±1.57	625.65 ±1.75	673.58 ±2.40	736.52 ±7.40	572.55 ±4.73
온도체중 (kg)	213.85 ±7.91	250.87 ±3.10	278.66 ±1.86	312.32 ±1.81	344.91 ±1.39	375.45 ±1.88	413.25 ±2.30	450.20 ±6.40	342.83 ±3.18
냉도체중 (kg)	209.88 ±8.06	246.88 ±3.09	274.36 ±1.86	307.39 ±1.80	339.48 ±1.37	369.18 ±1.93	405.75 ±2.31	441.16 ±6.24	337.12 ±3.11
사골	4.83 ±0.18	4.26 ±0.09	4.40 ±0.08	4.53 ±0.06	4.32 ±0.04	4.27 ±0.06	4.12 ±0.06	4.03 ±0.07	4.32 ±0.02
꼬리반골	3.10 ±0.11	2.71 ±0.05	2.77 ±0.03	2.66 ±0.03	2.59 ±0.02	2.58 ±0.05	2.65 ±0.05	2.59 ±0.05	2.65 ±0.02
도가니	1.19 ±0.81	1.39 ±0.50	1.26 ±0.29	1.89 ±0.26	2.25 ±0.23	2.85 ±0.30	3.78 ±0.28	2.80 ±0.48	2.32 ±0.12
잡뼈	4.03 ±0.64	3.4 ±0.35	3.34 ±0.26	2.81 ±0.23	2.37 ±0.20	1.92 ±0.24	1.09 ±0.23	1.88 ±0.4	2.40 ±0.10
뼈소계	13.14 ±0.58	11.75 ±0.26	11.78 ±0.15	11.89 ±0.13	11.53 ±0.10	11.62 ±0.18	11.64 ±0.17	11.30 ±0.20	11.69 ±0.06

■ 육질 3등급의 도체 부산물 생산율

(단위 : %)

구 분	출하체중구간(kg)								전체
	400 이하	401~ 450	451~ 500	501~ 550	551~ 600	601~ 650	651~ 700	701 이상	
조사두수	7	20	33	26	36	30	29	25	206
절식체중 (kg)	360.43 ±14.47	429.35 ±3.13	473.71 ±2.77	524.63 ±2.35	574.92 ±2.69	620.75 ±2.47	672.00 ±2.46	730.34 ±5.39	570.14 ±7.13
온도체중 (kg)	200.50 ±8.00	252.33 ±2.29	276.34 ±2.95	315.52 ±3.07	344.36 ±2.50	373.77 ±2.91	413.06 ±2.76	450.68 ±5.31	342.86 ±4.85
냉도체중 (kg)	196.69 ±7.99	247.75 ±2.33	271.73 ±2.92	310.52 ±3.02	338.48 ±2.42	367.37 ±2.79	405.61 ±2.93	442.54 ±5.10	336.92 ±4.76
사골	4.97 ±0.24	4.93 ±0.13	4.88 ±0.09	4.60 ±0.07	4.41 ±0.06	4.26 ±0.06	4.35 ±0.06	4.23 ±0.06	4.53 ±0.03
꼬리반골	3.01 ±0.11	2.94 ±0.04	2.87 ±0.04	2.76 ±0.04	2.70 ±0.04	2.69 ±0.04	2.83 ±0.04	2.77 ±0.05	2.79 ±0.02
도가니	1.92 ±1.49	0.60 ±0.22	2.03 ±0.39	1.17 ±0.33	2.18 ±0.37	4.05 ±0.28	4.67 ±0.24	4.20 ±0.35	2.73 ±0.16
잡뼈	4.13 ±0.64	4.49 ±0.24	2.98 ±0.35	3.55 ±0.31	2.66 ±0.33	0.92 ±0.26	0.64 ±0.19	0.95 ±0.28	2.30 ±0.14
뼈소계	14.03 ±1.12	12.96 ±0.26	12.76 ±0.20	12.08 ±0.16	11.94 ±0.18	11.92 ±0.17	12.48 ±0.16	12.15 ±0.18	12.36 ±0.08

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