

Tabella n 1. Profilo lipidico (valori medi s.s.) dei mangimi impiegati nel corso dei due anni di allevamento (n = 80)

| Azienda | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | azienda | periodo | anno |
|-----------------|----------|---------|---------|---------|----------|----------|----------|---------|---------|----------|---------|---------|------|
| Estratto etereo | 5.08 | 5.14 | 4.63 | 5.00 | 4.49 | 4.50 | 4.48 | 3.16 | 5.14 | 4.29 | | | |
| C14:0 | 0.18a | 0.06 a | 0.09 a | 0.09 a | 0.13 a | 0.12 a | 0.15 a | 0.43 b | 0.20 a | 0.15 a | ** | * | ** |
| C14:1 | 0.36 a | 0.37 a | 0.42 a | 0.29 a | 0.23 a | 0.17 a | 0.17 a | 0.91 b | 0.35 a | 0.49 a | * | | * |
| C15:0 | 1.04bcd | 0.68abc | 0.58abc | 0.45a | 0.91abcd | 1.00abcd | 0.97abcd | 1.39d | 1.07cd | 0.47ab | * | ** | * |
| C15:1 | 0.15c | 0.08bc | 0.05a | 0.15c | 0.11bc | 0.10bc | 0.12bc | 0.26d | 0.13bc | 0.09bc | * | | |
| C16:0 | 19.80ab | 19.28ab | 19.91ab | 18.20a | 18.02a | 18.40a | 18.42a | 21.21b | 19.20ab | 24.16c | ** | | |
| C16:1 | 1.16bc | 1.07bc | 0.99bc | 0.87b | 1.06bc | 1.08bc | 1.05bc | 1.24c | 1.04bc | 0.56a | ** | | ** |
| C18:0 | 8.43 b | 7.90 ab | 7.93 ab | 6.09 ab | 6.87 ab | 7.45 ab | 7.62 ab | 8.95 b | 7.25 ab | 11.02c | * | | |
| C18:1 | 31.11 c | 28.21 b | 34.28d | 31.69 c | 30.06bc | 29.83bc | 30.39bc | 28.09 b | 28.57 b | 21.32a | ** | | |
| C18:2n6 | 36.13abc | 40.32cd | 34.36 | 40.69d | 40.35cd | 39.58abc | 38.80abc | 35.70 | 40.04cd | 40.08cd | ** | | |
| C18:3n3 | 1.64ab | 2.02c | 1.38a | 1.47 a | 2.25c | 2.26 c | 2.29 c | 1.81bc | 2.15 c | 1.63ab | ** | | |
| Omega n6 | 36.13abc | 40.32cd | 34.36a | 40.69d | 40.35cd | 39.58abc | 38.80abc | 35.70a | 40.04cd | 40.08cd | ** | | |
| Omega n3 | 1.64ab | 2.02c | 1.38a | 1.47 a | 2.25c | 2.26 c | 2.29 c | 1.81bc | 2.15 c | 1.63ab | ** | | |
| n6/n3 | 22.74bc | 20.30ab | 25.55cd | 28.33d | 17.91a | 17.51a | 17.12a | 19.98ab | 19.03a | 24.99cd | ** | | |
| Saturi | 29.45ab | 27.92ab | 28.51ab | 24.83a | 25.95a | 26.98a | 27.16a | 31.98bc | 27.73ab | 35.83bc | ** | | |
| MUFA | 32.78c | 29.73b | 35.74d | 33.01c | 31.46cd | 31.19cd | 31.73cd | 31.51cd | 30.08cd | 22.46a | ** | | |
| PUFA | 37.77abc | 42.34d | 35.74a | 42.16cd | 42.60d | 41.84bcd | 41.10bcd | 37.50ab | 42.20cd | 41.71bcd | ** | | |
| Saturi/Insat. | 0.42ab | 0.39ab | 0.40ab | 0.33a | 0.35a | 0.37ab | 0.38ab | 0.47b | 0.39ab | 0.58c | ** | | |

* P<0.05; ** P<0.01, effetto significativo; lettere diverse sulla stessa riga indicano differenze significative per P<0.05

Tabella n 2. Profilo lipidico (valori medi % della somma totale) del grasso di copertura della coscia di 410 suini allevati nel corso del biennio 2007-2009

| Azienda | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | azienda | periodo | anno |
|---------------|----------|---------|---------|---------|----------|----------|----------|----------|----------|---------|---------|---------|------|
| C12:0 | 0.07abcd | 0.08e | 0.07abc | 0.06a | 0.07abcd | 0.07abcd | 0.07abcd | 0.07abcd | 0.07abcd | 0.08f | ** | | |
| C14:0 | 1.32bcd | 1.29abc | 1.34cd | 1.24a | 1.33cd | 1.30bc | 1.26ab | 1.32bcd | 1.28abc | 1.36d | ** | | |
| C14:1 | 0.05bc | 0.05bc | 0.03a | 0.05bc | 0.06c | 0.04b | 0.05bc | 0.03a | 0.05bc | 0.05bc | ** | | ** |
| C16:0 | 23.76b | 23.61ab | 24.45c | 23.76b | 23.83b | 23.62ab | 23.15a | 24.05bc | 23.74b | 24.51c | ** | * | ** |
| C16:1 | 2.18de | 2.00bc | 2.25e | 1.96bc | 1.98bc | 1.88ab | 1.77a | 2.18dc | 2.03bcd | 2.05cd | ** | | |
| C17:0 | 0.32bc | 0.31bc | 0.25a | 0.38d | 0.34c | 0.29b | 0.31bc | 0.21a | 0.32bc | 0.30b | ** | | ** |
| C17:1 | 0.31bcd | 0.31bcd | 0.21a | 0.33d | 0.34d | 0.29cd | 0.32cd | 0.23a | 0.33d | 0.28b | ** | * | |
| C18:0 | 12.27 | 12.32 | 12.33 | 12.49 | 12.51 | 12.57 | 12.58 | 12.59 | 12.79 | 12.87 | | | |
| C18:1 | 45.40c | 45.31c | 44.71bc | 44.64bc | 44.07ab | 45.25c | 43.55a | 48.17d | 44.76bc | 44.99c | ** | | |
| C18:2n6 | 12.06bc | 12.54cd | 12.28c | 12.59cd | 13.34d | 12.82cd | 14.31e | 9.81a | 12.63cd | 11.43b | ** | | * |
| C18:3n3 | 0.61c | 0.63c | 0.48b | 0.50b | 0.48b | 0.38a | 0.73d | 0.35a | 0.65c | 0.51b | ** | ** | |
| C20:1 | 0.91bc | 1.06d | 0.80ab | 0.92c | 0.76a | 0.89bc | 0.91bc | 1.04d | 0.90bc | 0.98cd | ** | ** | ** |
| C22:0 | 0.55abc | 0.59bc | 0.56bc | 0.61cd | 0.71d | 0.69d | 0.65cd | 0.49a | 0.55abc | 0.52ab | ** | * | ** |
| Omega n6 | 12.06bc | 12.54cd | 12.28c | 12.59cd | 13.34d | 12.82cd | 14.31e | 9.81a | 12.63cd | 11.43b | ** | | |
| Omega n3 | 0.61c | 0.63c | 0.48b | 0.50b | 0.48b | 0.38a | 0.73d | 0.35a | 0.65c | 0.51b | ** | ** | |
| n6/n3 | 19.77 a | 19.90 a | 25.58c | 25.18c | 27.79cd | 33.73e | 19.60 a | 27.97 cd | 19.43a | 22.78ab | ** | ** | |
| Saturi | 30.14ab | 29.15a | 32.15ab | 32.26ab | 31.23ab | 33.26b | 28.94a | 33.51b | 30.51ab | 31.89ab | | | ** |
| MUFA | 32.78c | 29.73b | 35.74d | 33.01c | 31.46cd | 31.19cd | 31.73cd | 31.51cd | 30.08cd | 22.46a | | | ** |
| PUFA | 12.68bc | 13.18cd | 12.77c | 13.10cd | 13.82d | 13.20cd | 15.05e | 10.09a | 13.28cd | 11.94b | ** | | |
| Saturi/Insat. | 0.63ab | 0.61a | 0.65bc | 0.64bc | 0.63ab | 0.63ab | 0.62a | 0.63ab | 0.63ab | 0.63d | ** | * | ** |

* P<0.05; ** P<0.01, effetto significativo; lettere diverse sulla stessa