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Title: Growth, feed intake, carcass characteristics, and meat fatty acid profile of lambs fed soybean oil partially replaced by fish oil blend

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1 **Growth, feed intake, carcass characteristics, and meat fatty acid profile of lambs fed**
2 **soybean oil partially replaced by fish oil blend**

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15 ABSTRACT

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17 The objective of this study was to evaluate the effects of partial replacement of soybean oil
18 by fish oil on dry matter intake (DMI), growth, carcass characteristics, and meat fatty acid profile
19 of feedlot lambs. Fifty Santa Ines male lambs with 17.1 ± 2.8 of initial body weight (BW) were
20 individually penned and used in a randomized complete block design with 10 blocks and 5
21 treatments. Dietary treatments, dry matter (DM) basis, consisted of: 1) control diet (CONT) with a
22 10:90 of forage to concentrate ratio, 2) control diet supplemented with 40 g/kg of soybean oil
23 (0FO), 3) control diet supplemented with 2.5 g/kg of fish oil blend + 37.5 g/kg of soybean oil
24 (25FO), 4) control diet supplemented with 5 g/kg of fish oil blend + 35 g/kg of soybean oil

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