







Background

Ratios are not satisfactory measures of efficiency (Tanner, 1949; Weil, 1962; Atchley et al., 1976).

Koch et al. (1963) recommended use of gain adjusted for feed intake as the preferred measure of biological efficiency because it was considered the most accurate mathematical description of cause and effect.

Combining feed intake and growth to calculate a single measure of feed efficiency does not add additional information to that which can be obtained directly from the component traits (Kennedy et al., 1993).

Selection indexes require feed intake and growth (MacNeil et al., 1994; MacNeil and Herring, 2005).

































