COMPARISON OF CRUDE OILS FROM DOUBLE ZERO AND ZERO ERUCIC RAPESEED PRODUCED BY PRESSING AND BY EXTRACTION

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## Introduction

Double-low winter rapeseed has been produced on an experimental scale for three years in Czechoslovakia, 6 000 T being produced in 1986. The erucic acid content varied between 0.5 - 1.0 % of total fatty acids, the total glucosinolate content between 3.5 - 8.0 g.kg<sup>-1</sup> in seeds, compared with 18 - 27 g.kg<sup>-1</sup> in zero erucic acid rapeseed with normal content of glucosinolates. We compared the composition of crude rapeseed oils from the two types of raw materials.

## Material

Zero erucic acid winter rapeseed and double-low winter rapeseed were produced in Czechoslovakia (1984-1986 crops). The mixture of seeds was stored 6 months before processing in elevators under controlled conditions.

## Processing conditions

Rapeseed was crushed in two-high roll crushing rolls, and cooked in SKET conditioners at 90 -  $110^{\circ}$ C for