



# VELESA LYON

## EXPORT / IMPORT TRADING

### RAPESEED

Rapeseed is the third-largest source of the vegetable oil and second-largest source of the protein meal in the world. Processing of rapeseed for oil production produces rapeseed meal as a byproduct.

The byproduct is a high-protein animal feed, competitive to soybean. The rapeseed meal is employed mostly in cattle feeding, as well it can be used for pigs and poultry.

Rapeseed oil is one of the oldest known vegetable oils, but historically was used in limited quantities due to high levels of erucic acid, which is damaging to cardiac muscle of animals, and glucosinolates, which made it less nutritious in animal feed.

## SPECIFICATION OF RAPESEED

<b>moisture and volatile substances</b>	max. 10 % of weight
<b>fat content</b>	min. 40 % of weight
<b>sprouted seeds, damaged</b>	max. 3 % of weight
<b>glucosinolate content in fat-free dry matter</b>	max. 25 mol/g
<b>erucic acid content (of the total content of fatty acids)</b>	max. 2 % of weight

## RAPESEED SEED CULTIVATION AREA IN TURKEY / HARVESTED AREA IN TURKEY

YEARS	CULTIVATION AREA	HARVEST AREA
2013	311 thousand decare	311 thousand decare
2014	321 thousand decare	321 thousand decare
2015	351 thousand decare	351 thousand decare
2016	355 thousand decare	355 thousand decare
2017	165 thousand decare	165 thousand decare
2018	378 thousand decare	378 thousand decare

### PRODUCE AMOUNT

2013	102 thousand tones
2014	110 thousand tones
2015	120 thousand tones
2016	125 thousand tones
2017	60 thousand tones
2018	125 thousand tones

### YIELD

2013	328 kg/decare
2014	342 kg/decare
2015	344 kg/decare
2016	353 kg/decare
2017	364 kg/decare
2018	330 kg/decare