

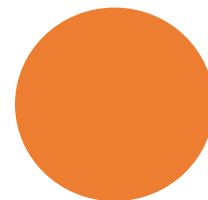
Rapeseed production in Kazakhstan: history, status quo, and outlook for the future

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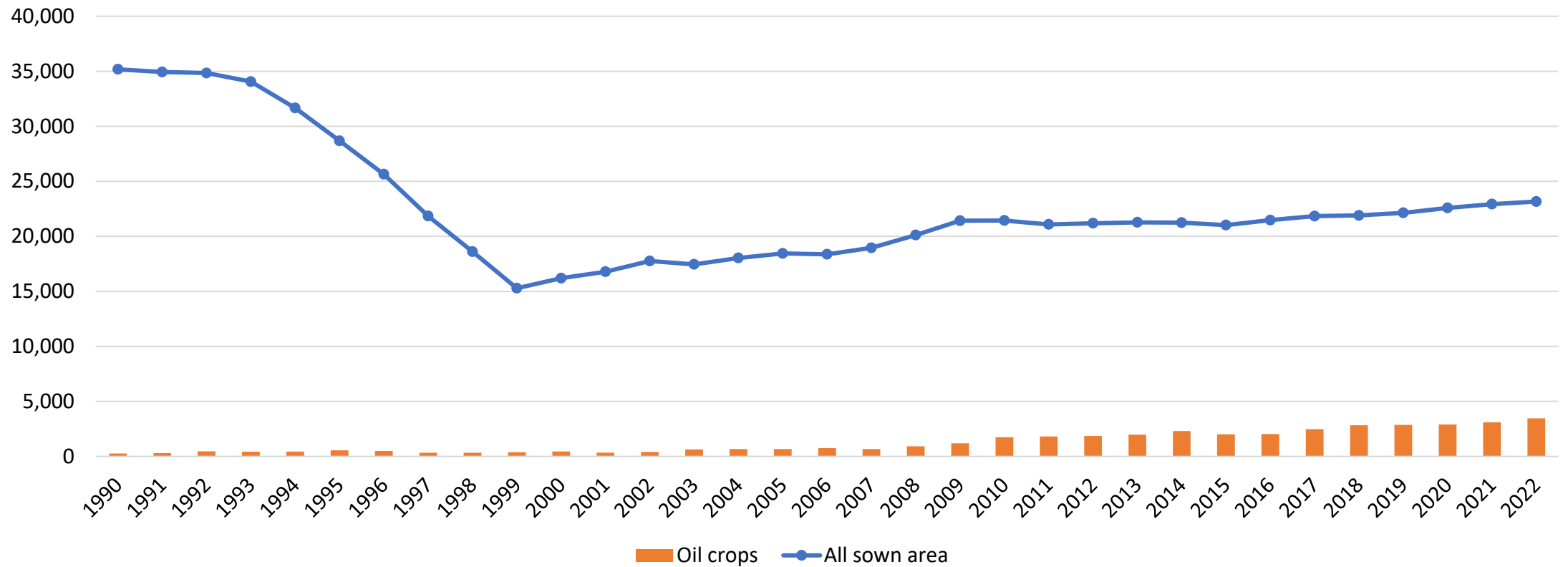
Introduction

- Rapeseed was introduced in Kazakhstan in the 1980s, but it had high erucic acid and was not widely adapted.
- The next wave of massive production started after the 2000s yet in the independent country.
- However, the rapid growth faced the diamondback moth infestation after the 2010s and the rapeseed area started to decrease.
- Now the average growing area is around 150K ha with a real potential of around 1000K ha.



Oil crops in Kazakhstan

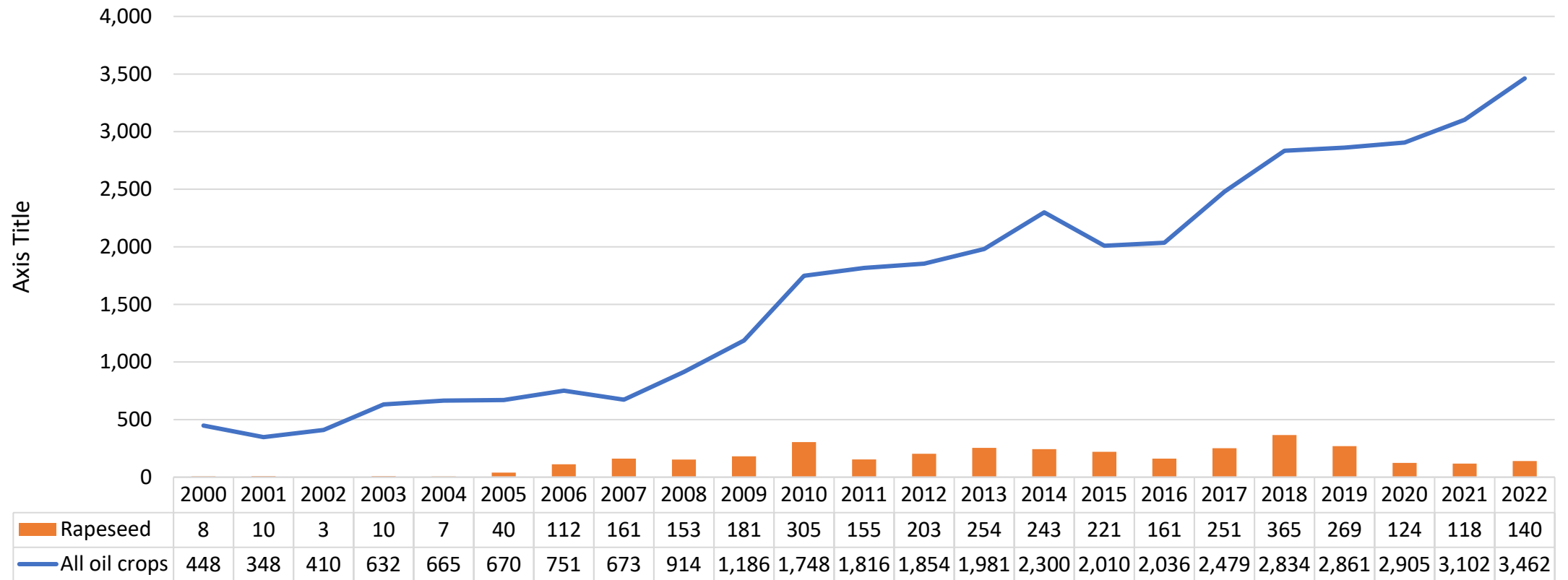
Sown area in Kazakhstan, in 1000K



Source: Bureau of National Statistics, 2023

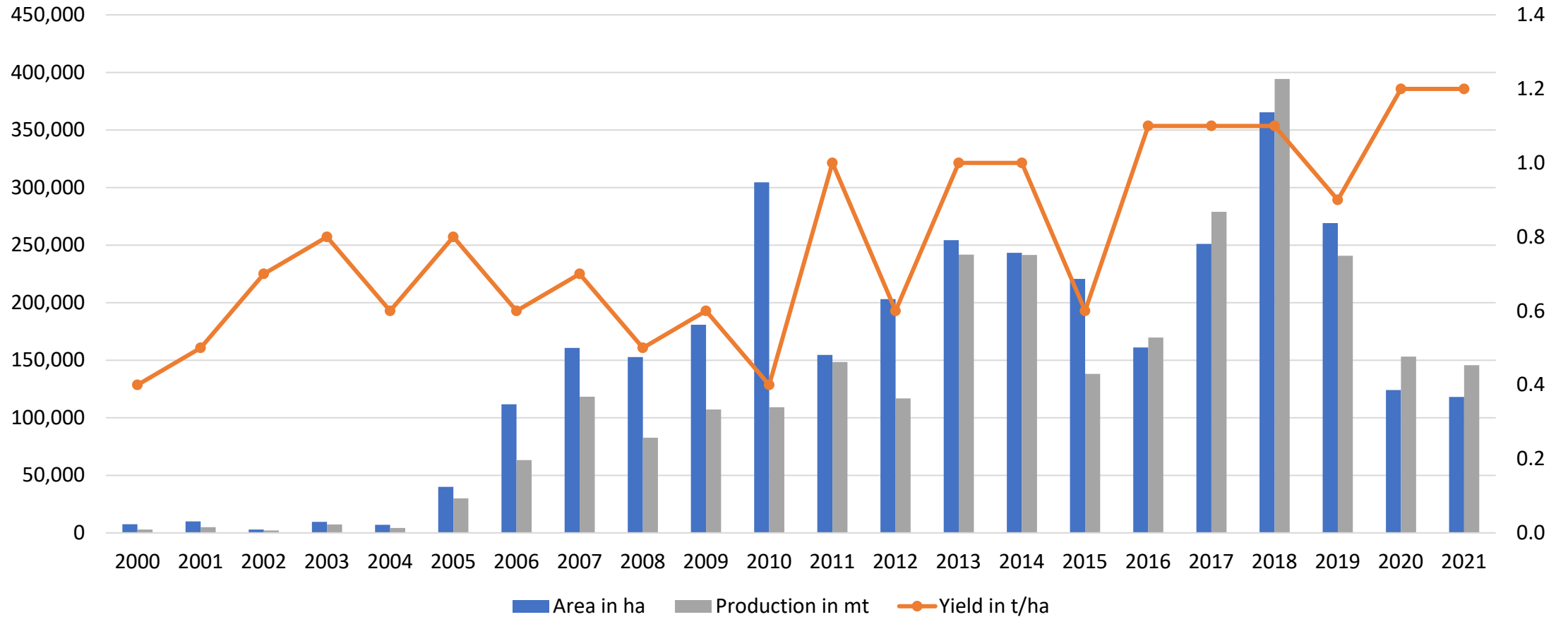
Rapeseed area

Rapeseed vs all oil crops, in 100K



Source: Bureau of National Statistics, 2023 and FAOSTAT, 2023

Rapeseed yield and gross production



Source: FAOSTAT, 2023



Technology

- Planting in mid-May, harvesting end of August, September
- One of most input intensive field crops in the growing areas
- Kazakhstani farmers mainly use western seeds (Germany, the USA)
- Open-pollinated varieties are widely used along with hybrids
- There are herbicide-resistant non-GMO hybrids widely used in Kazakhstan



Markets

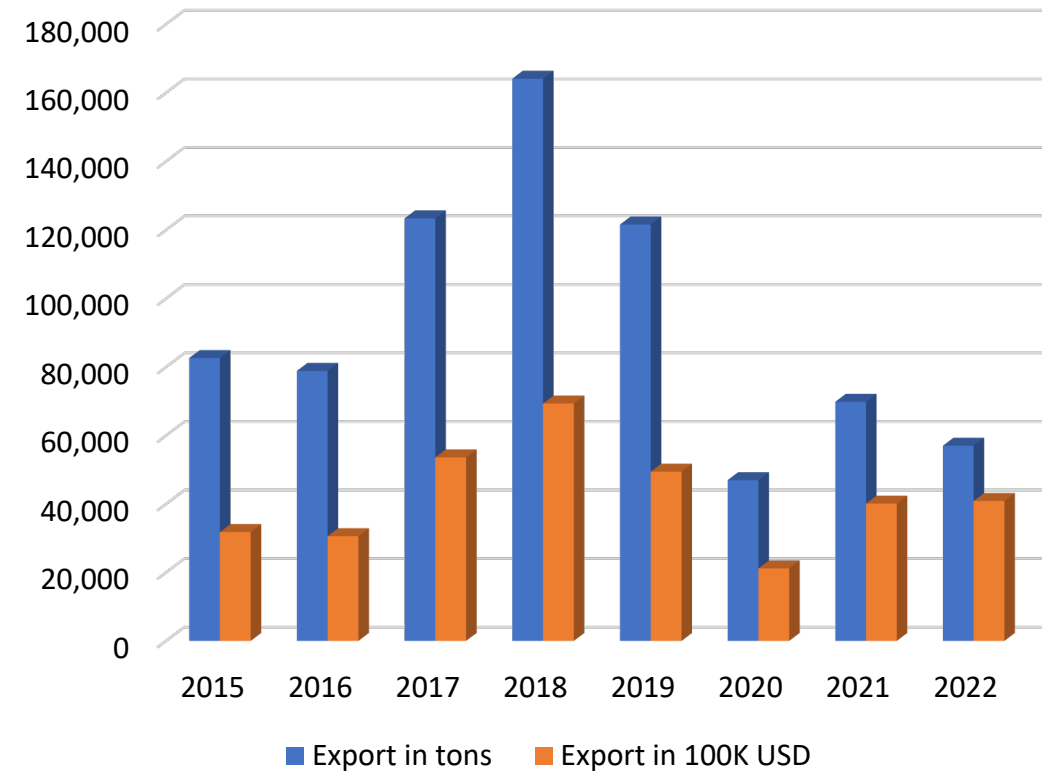
Domestic

- For consumer oil and feed
- ! The lack of rapeseed for domestic processing led to increase of rapeseed import in recent years

International

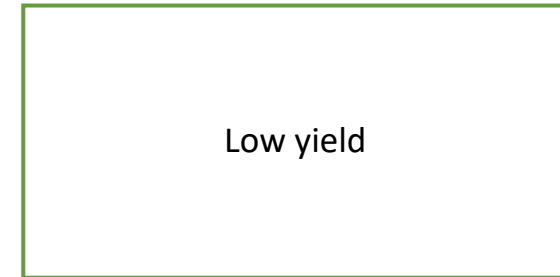
- Russia, China, the EU, other countries
- Rape seed, oil, and meal

Export of rapeseed





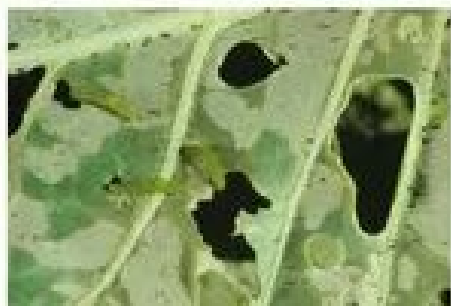
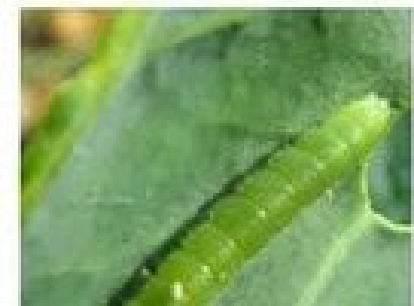
Major problems



Low yield

Diamondback moth
Drought in spring and June-July
Rainy and cold August and September
Other diseases and pests

Low fertilizer input
Low technology development
Large farm sizes
High production costs



Future perspectives

- Kazakhstan has potential to grow up to one million ha of rapeseed
- The increase in its production depends on the effective control of diamondback moth and market development
- Kazakhstan has their own progressive farmers that are successful in rapeseed growing who can share their knowledge, but new approaches are always welcome





Thank you for your kind attention!