



Cereal diseases and fungicide efficacy in the trials of LPPRC, 2020

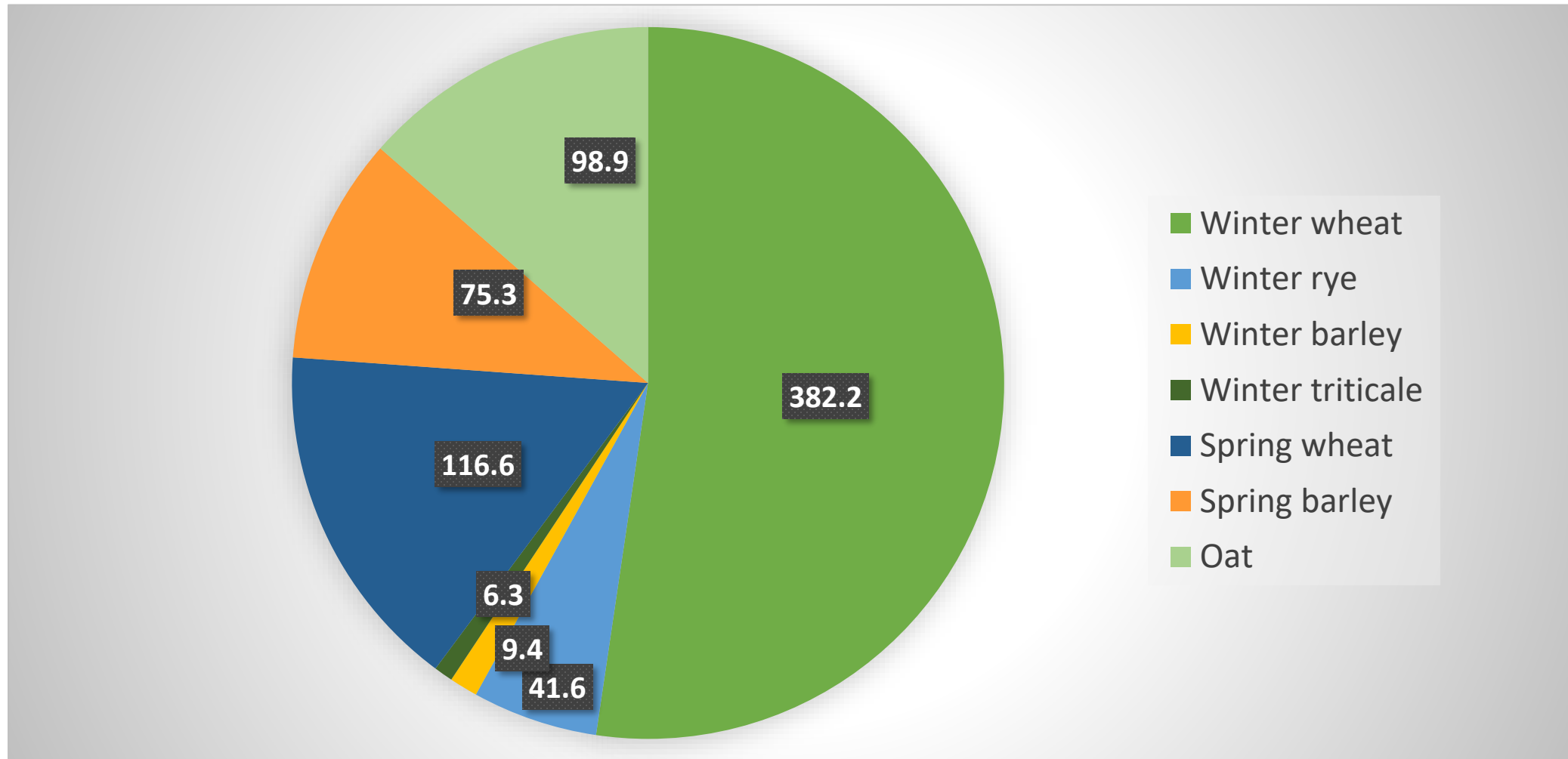
M.Sc.Biol. Elīna Brauna-Morževska

Latvian Plant Protection Research Centre Ltd

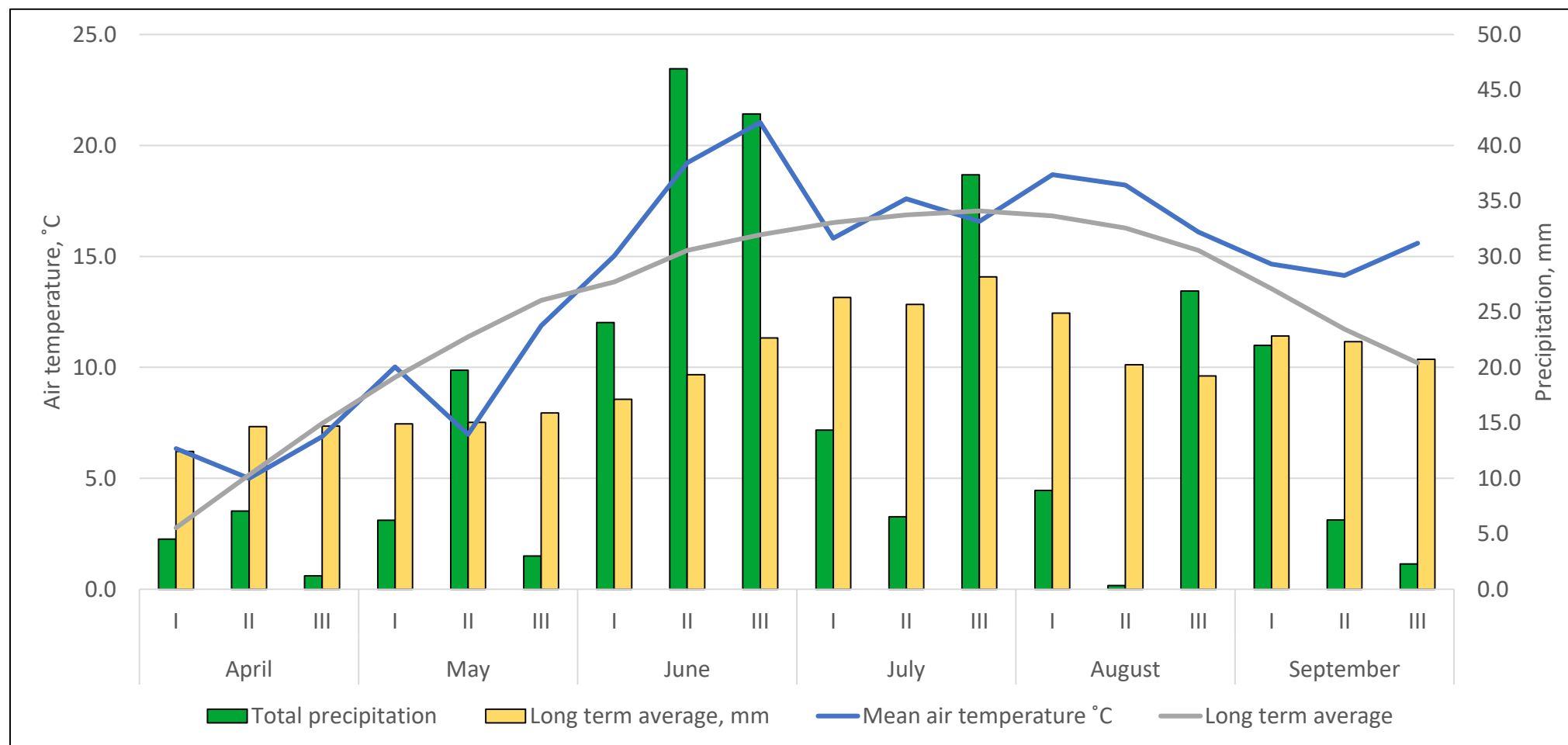
Trials location in 2020



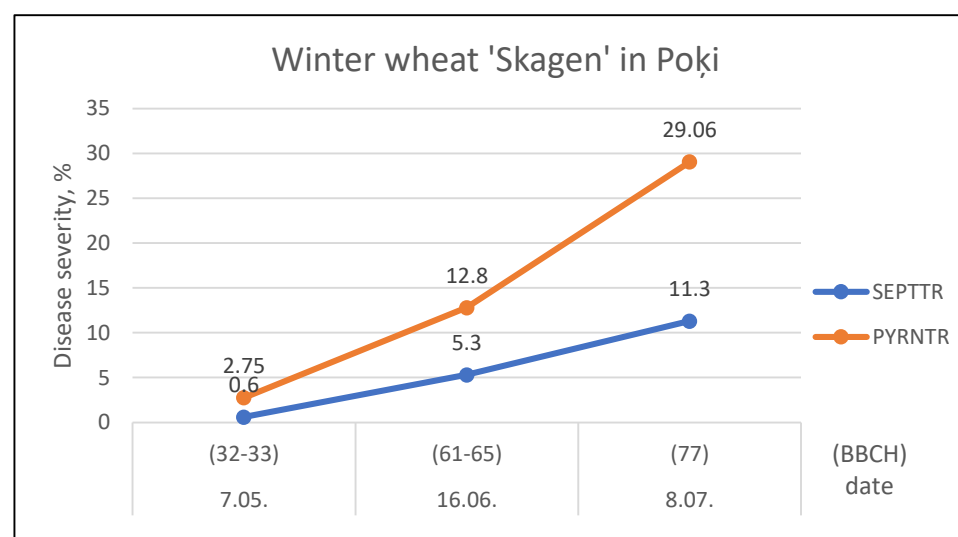
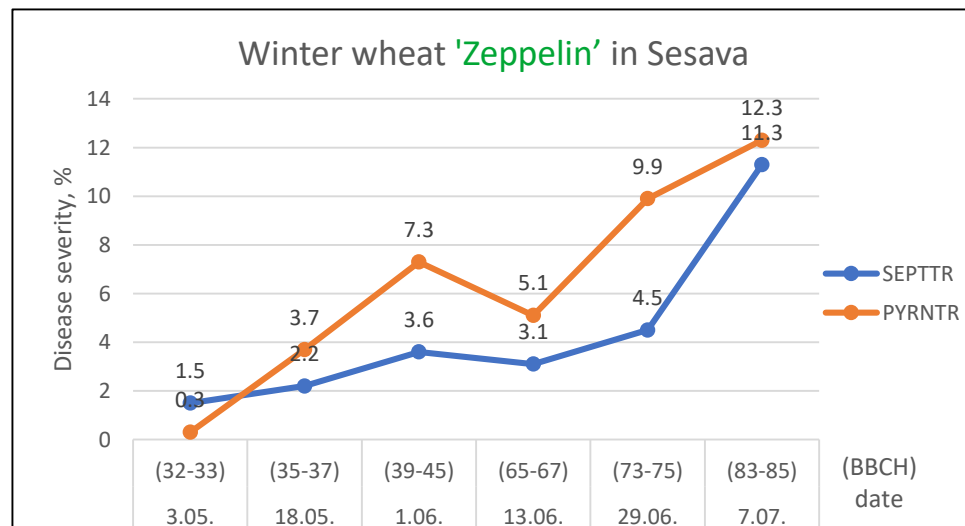
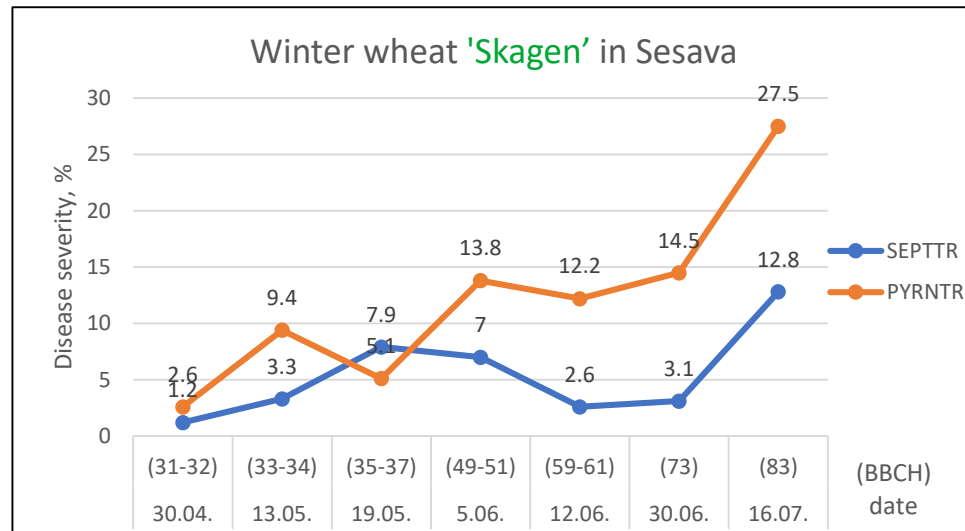
Area under cereal crops in Latvia, thsd. ha



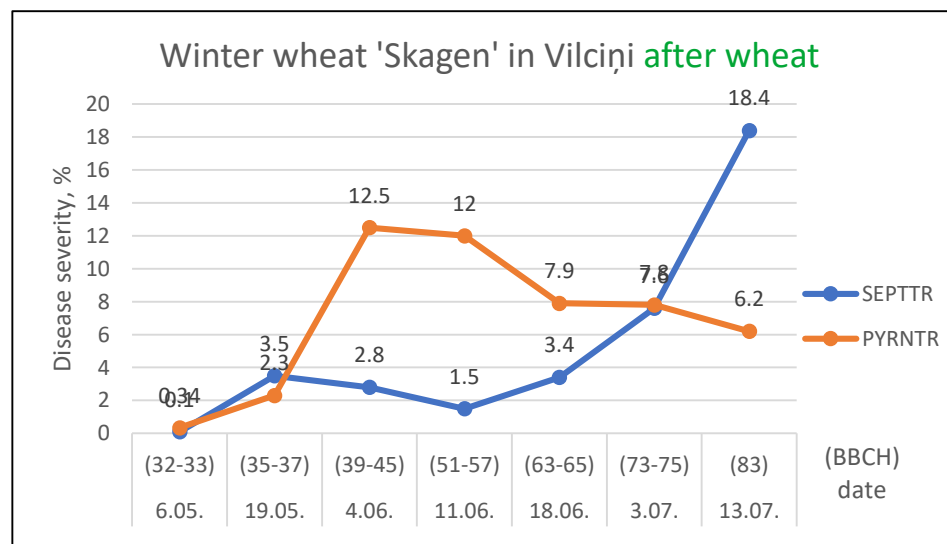
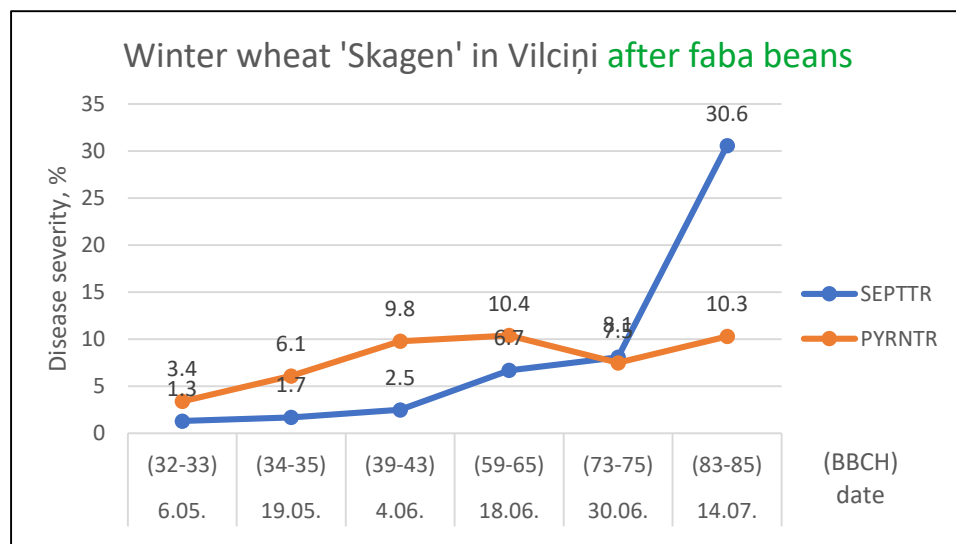
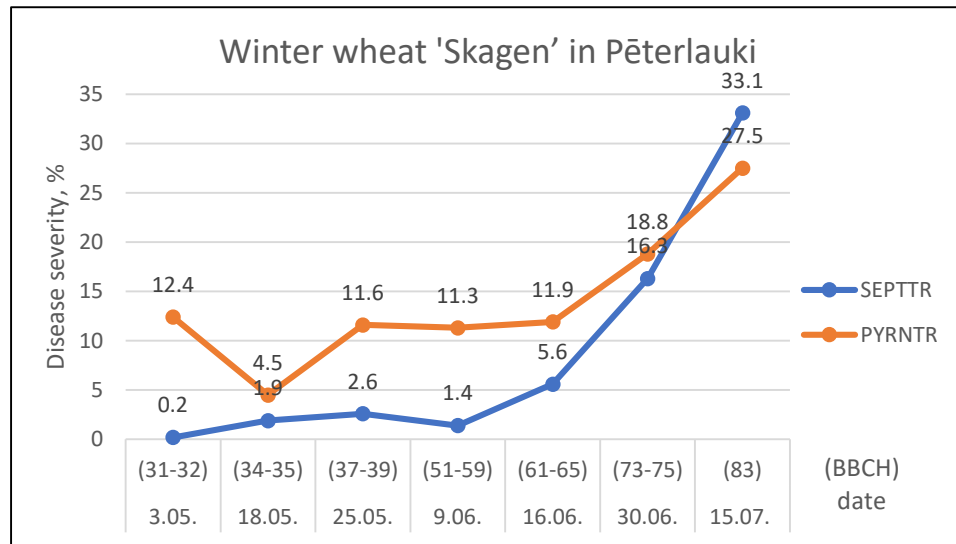
Meteorological conditions of 2020



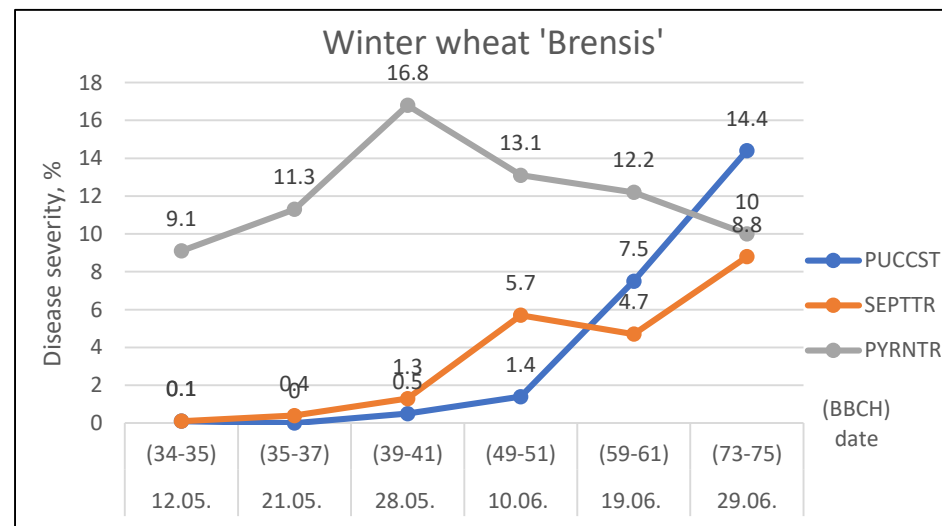
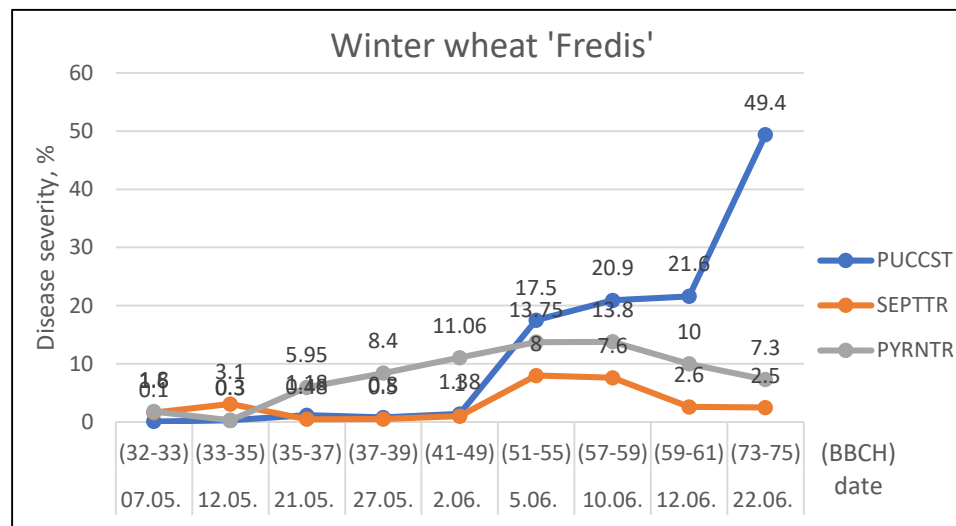
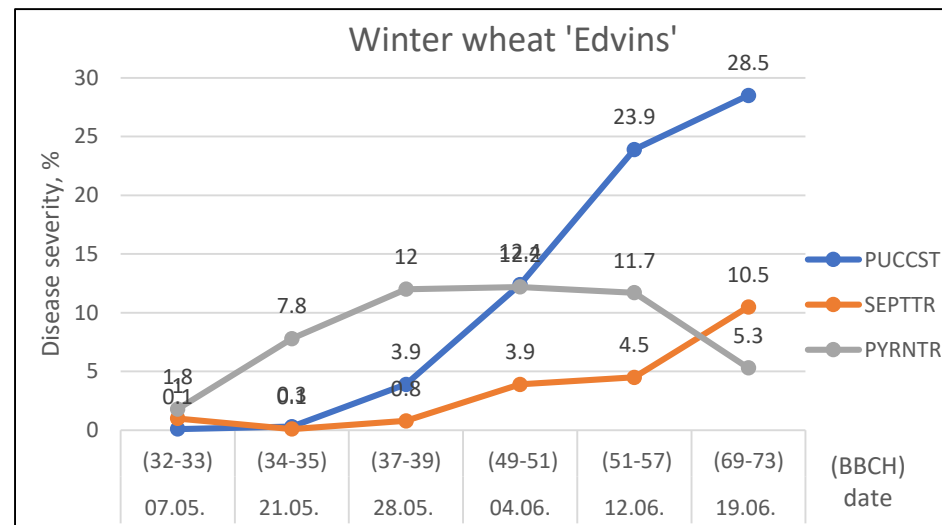
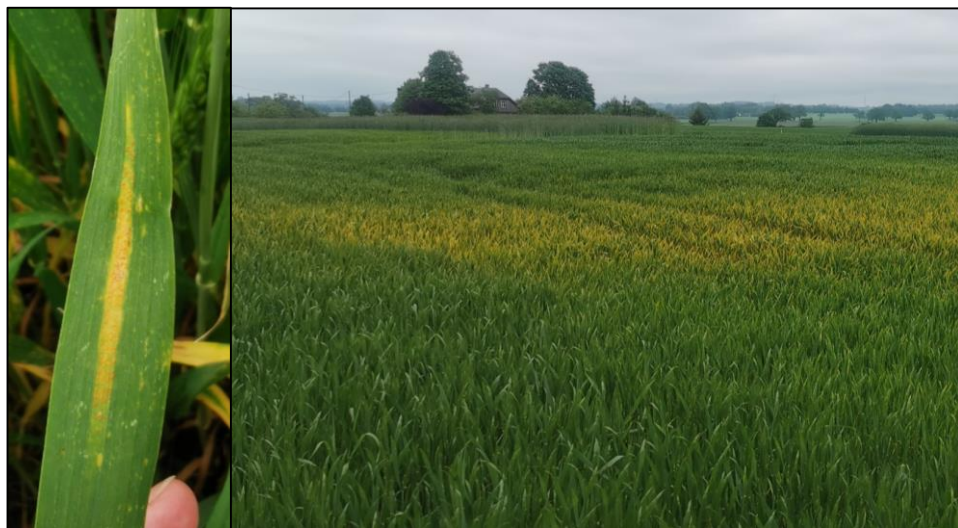
Infection level on winter wheat in 2020



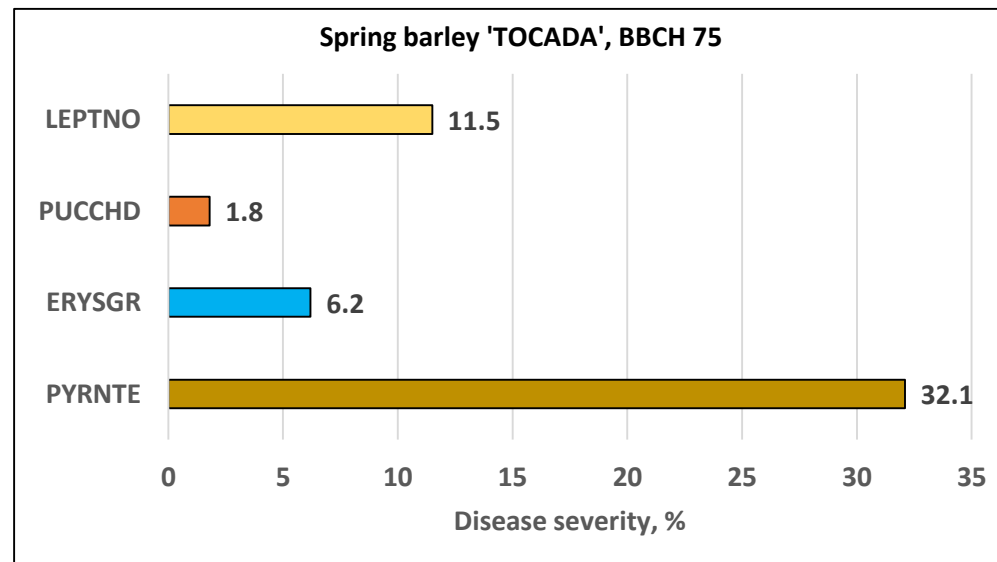
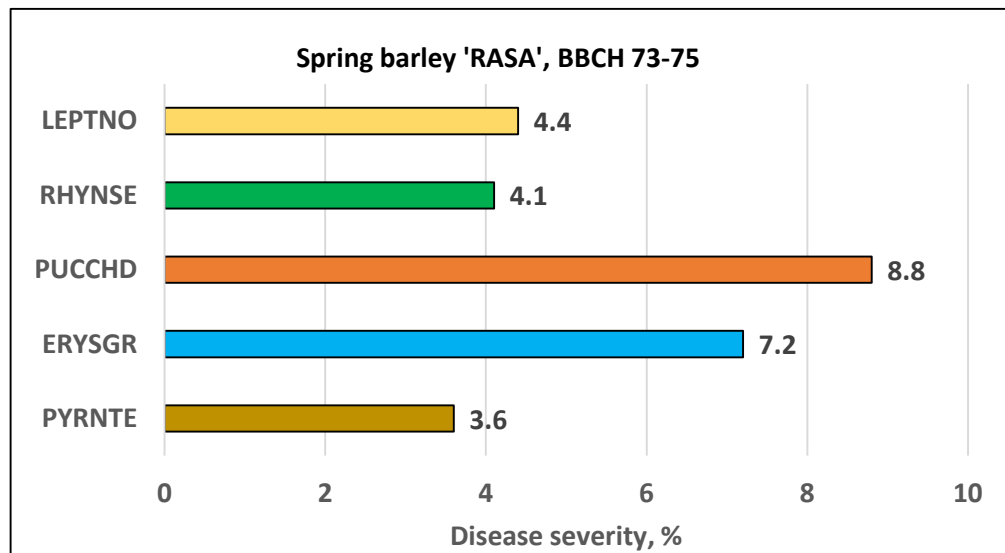
Infection level on winter wheat in 2020



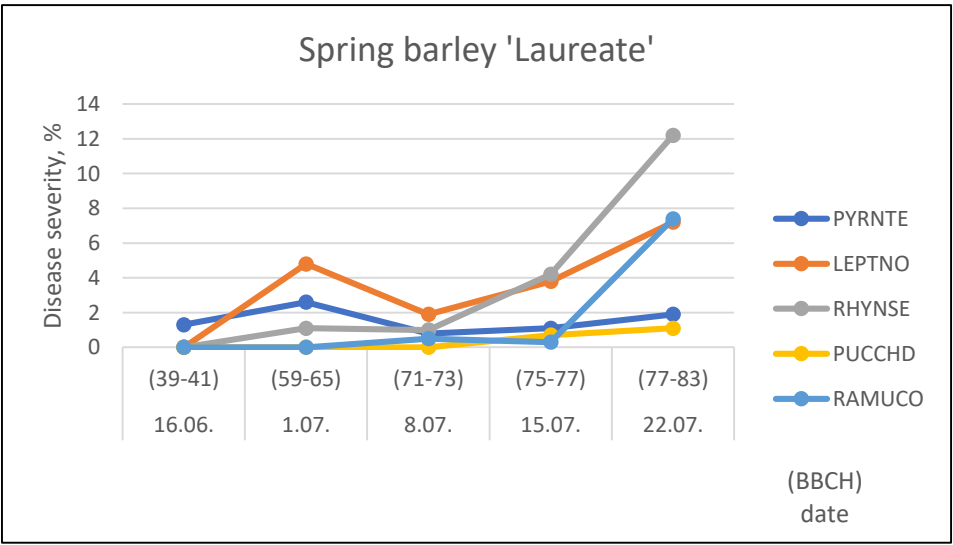
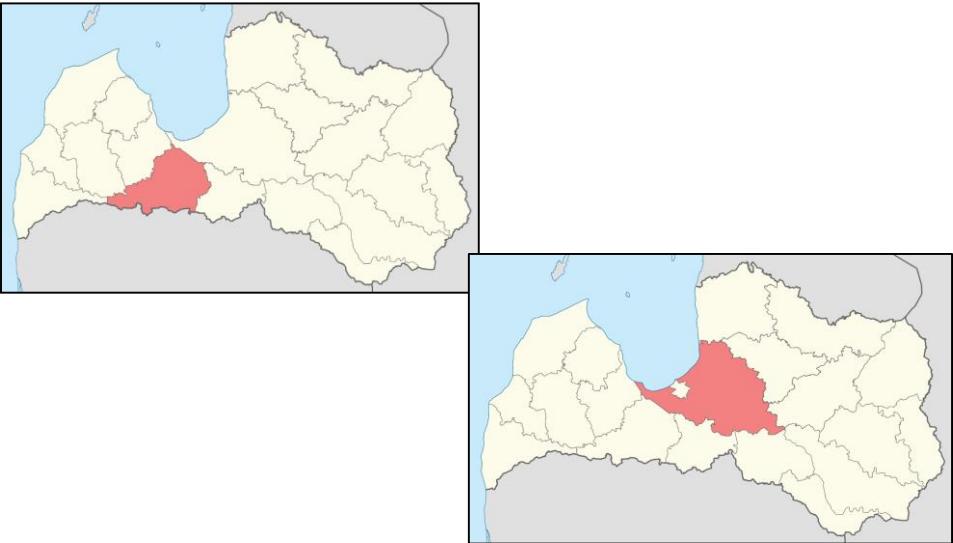
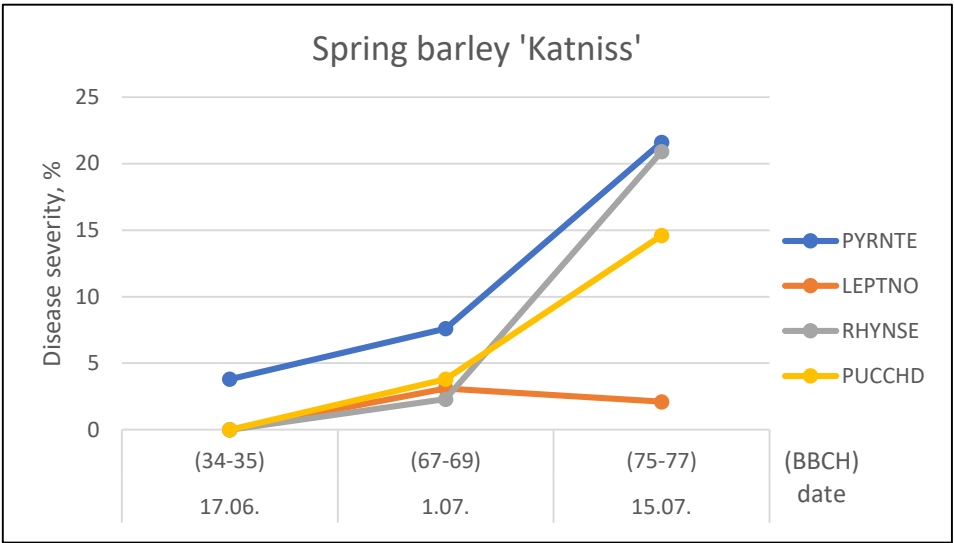
Infection level on winter wheat in 2020 in Stende



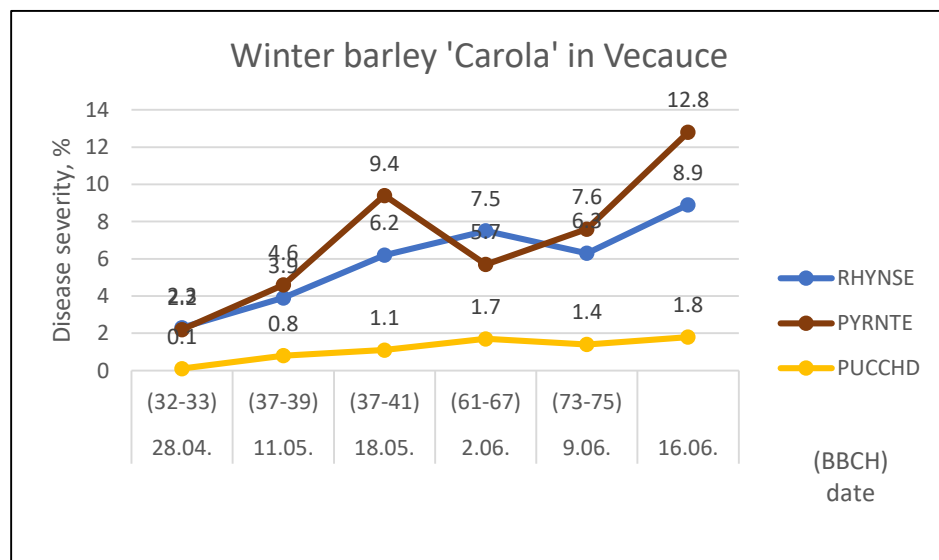
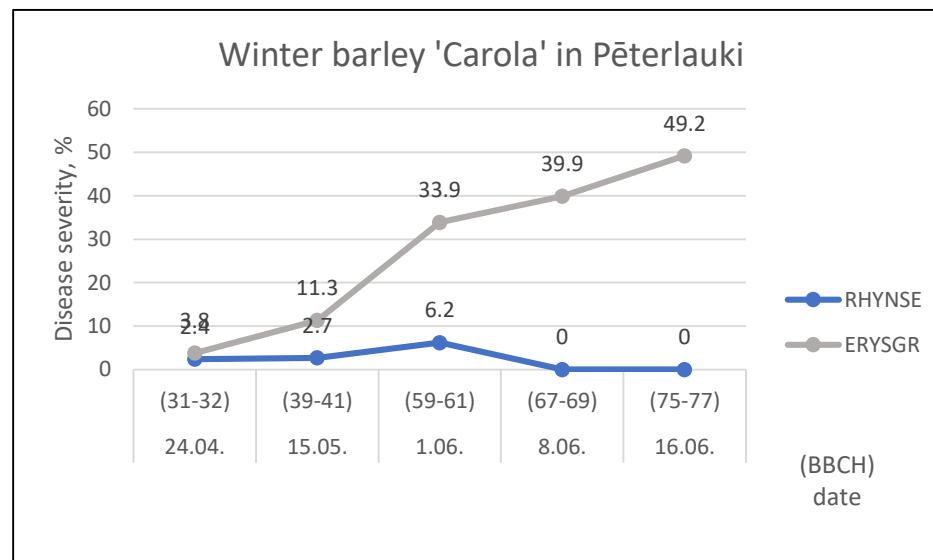
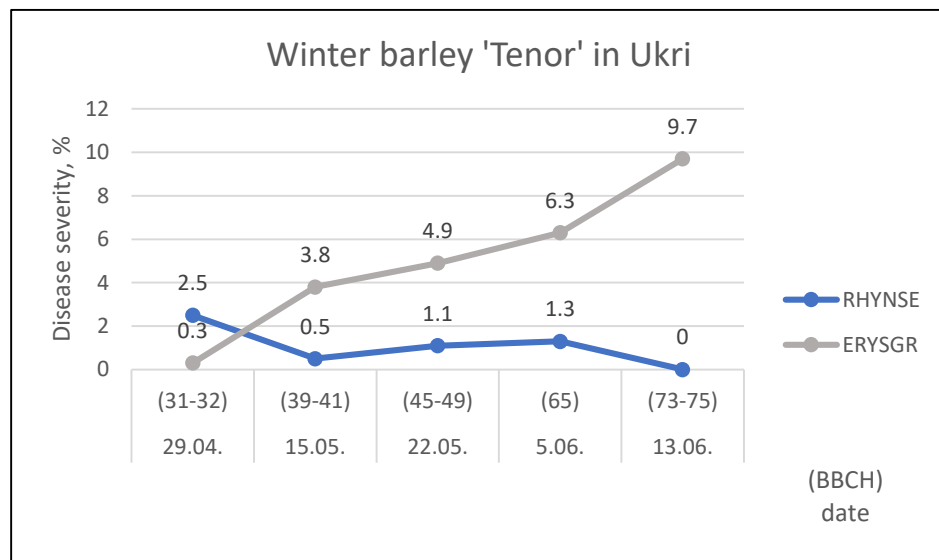
Diseases and infection level on spring barley



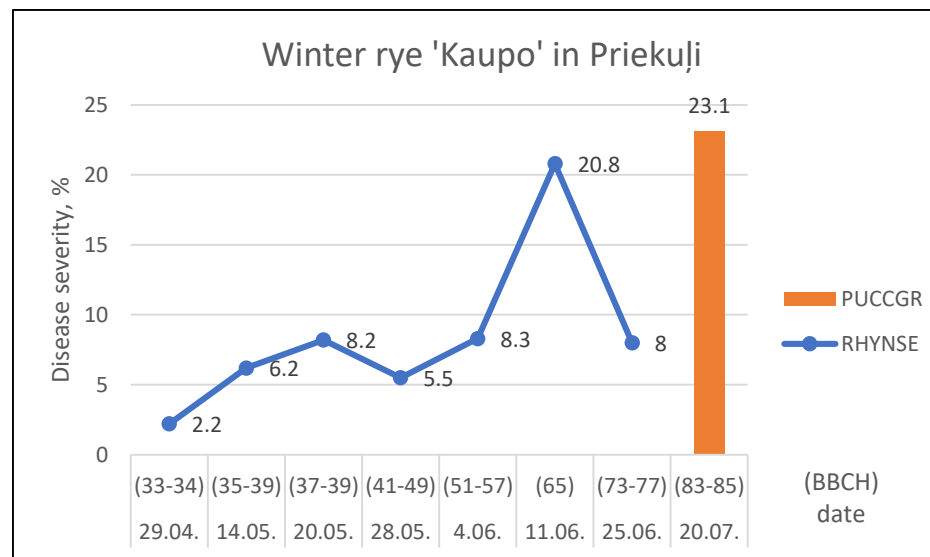
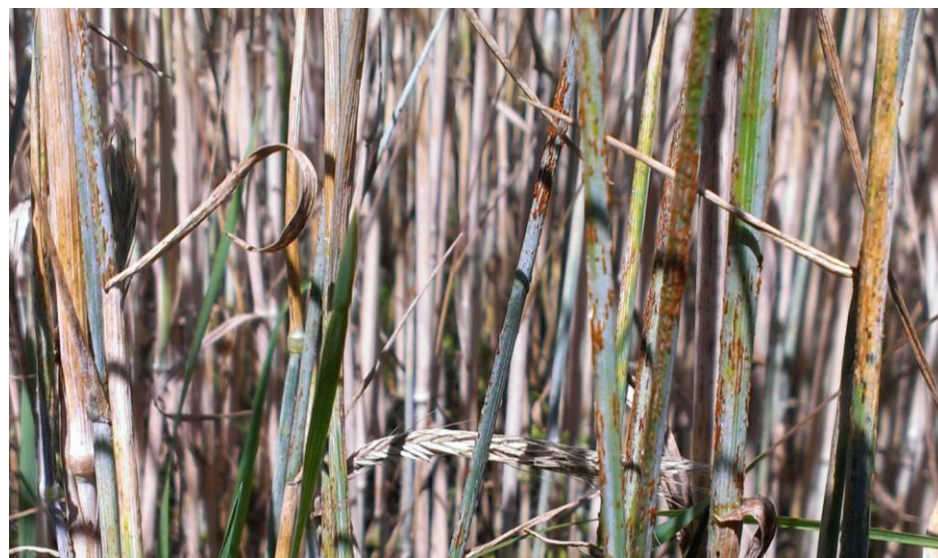
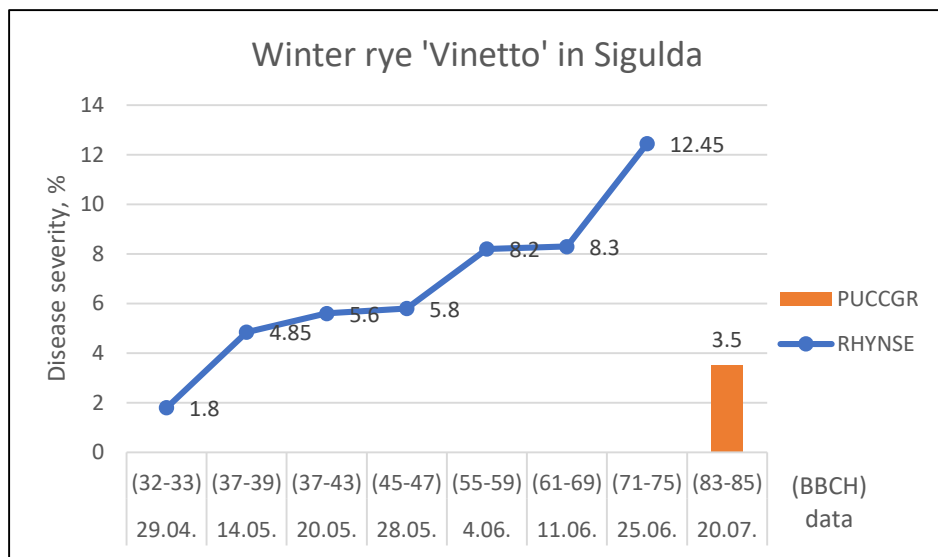
LAAPC Diseases and infection level on spring barley



Diseases and infection level on winter barley



Diseases and infection level on winter rye



Efficacy of fungicides

Chemical group	Active ingredient	Fungicide efficacy, %		
		SEPTTR	PYRNTR	PUCCST
Triazole	prothioconazole	65.6	92.7	100
	metconazole	96	87.1	
	tebuconazole + prothioconazole	85.2	97.9	
Azole +	epoxiconazole + fenpropidin	98.5	90.9	
	propiconazole + benzovindiflupir	96	90.8	
	prothioconazole + bixafen + fluopyram	99.4	98.4	
Strobilurin	azoxystrobin	77.1	57	100
SDHI +	fluxapyroxad	88.5	75.6	82.3
	fluxapyroxad + pyraclostrobin	92.3	76.9	85.7
	fluxapyroxad + mefentriflukonazol	94.2	82.3	
	fluxapyroxad + mefentriflukonazol	100	89.3	100

An aerial photograph of a vast green agricultural field. The field is divided into numerous rectangular plots by thin, light-colored lines, likely furrows or small paths. A prominent rectangular grid of slightly darker, more defined lines is visible in the center of the image. The overall color is a vibrant green, with some variations in shade due to the field's layout and lighting. The text "Thank you for your attention!" is overlaid in a green, sans-serif font across the upper-middle portion of the image.

Thank you for your attention!