

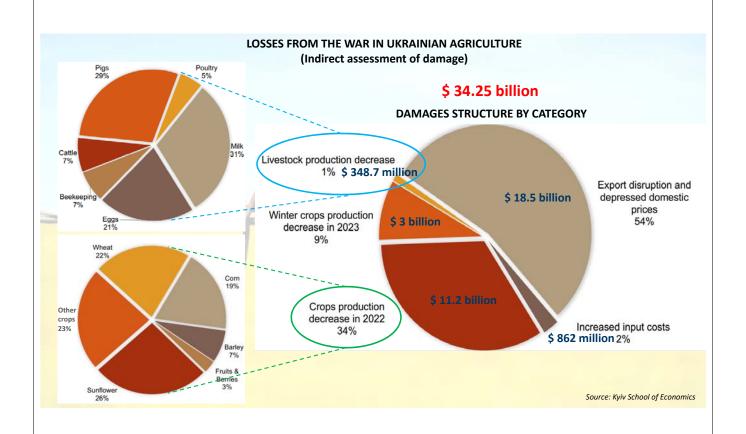
## **OUTLINE:**

- 1. LOSSES FROM THE WAR
- 2. PROGRESS OF FIELD WORK IN UKRAINE
- 3. DIFFICULTIES WITH THE STORAGE AND SALE OF NEW HARVEST
- 4. UKRAINIAN AGRICULTURAL EXPORT DYNAMICS AND LOGISTICS
- 5. EU AGRICULTURAL EXPORT-IMPORT 2022/23MY TRENDS







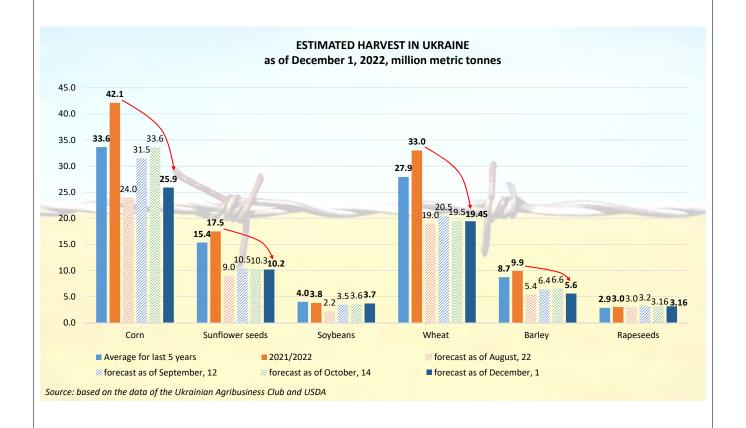


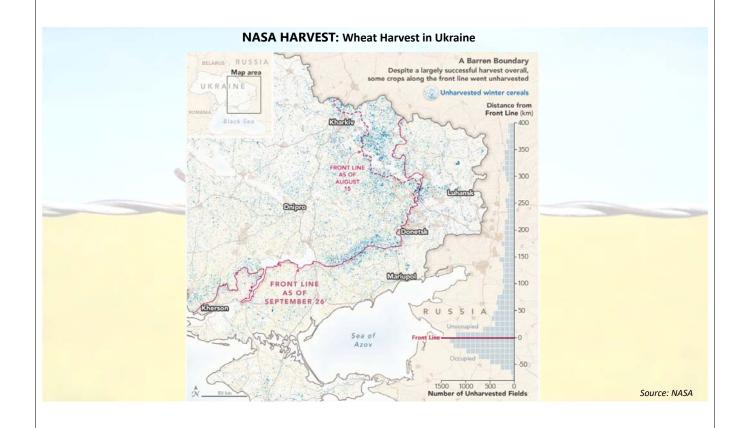
## PROGRESS OF FIELD WORK IN UKRAINE Harvesting of grain, legumes and oil crops as of December 1, 2022

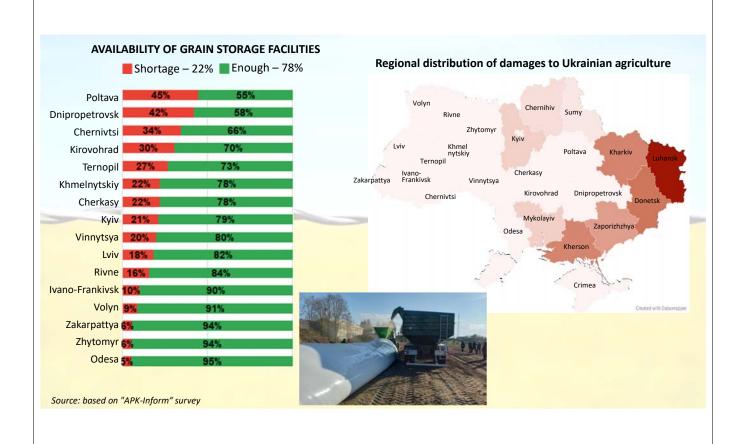
	Crops	2021,	2022, thousand	Harvested 2022, thousand hectares	% of harvested area to forecast 2022	% of harvested area 2022 to harvested area 2021	Harvested 2022, thousand metric tonnes	_	Average 2021 yields, metric tonnes per hectare	Change in yields 2022 to 2021, %
100	Grain and legumes total, including:	15,299.2	10,809.4	9,097.8	76.0 %	66.6 %	41,009.0	4.51	5.50	-18.0 %
	• wheat	7,073.0	4,715.3	4,711.4	99.9 %	64.6 %	19,422.8	4.12	4.64	-11.2 %
	<ul><li>barley</li></ul>	2,467.7	1,595.9	1,594.8	99.9 %	64.7 %	5,599.6	3.51	3.92	-10.5 %
	• peas	240.4	111.5	111.5	100.0 %	46.4 %	260.8	2.34	2.43	-3.7 %
	<ul><li>buckwheat</li></ul>	84.2	117.4	115.0	98.0 %	136.6 %	156.7	1.36	1.30	4.6 %
	<ul><li>millet</li></ul>	77.9	44.7	42.9	96.0 %	55.1 %	99.5	2.32	2.52	-7.9 %
	• corn	5,356.0	4,224.6	2,522.2	59.7 %	47.1 %	15,469.6	6.13	8.01	-23.5 %
	Soybeans	1,279.5	1,543.1	1,509.8	97.8 %	118.0 %	3,649.8	2.42	2.68	-9.7 %
	Rapeseed	1,013.9	1,093.8	1,092.9	99.9 %	107.8 %	3,163.3	2.89	2.95	-2.0 %
	Sunflower	6,482.4	4,695.6	4,574.2	97.4 %	70.6 %	9,922.2	2.17	2.52	-13.9 %

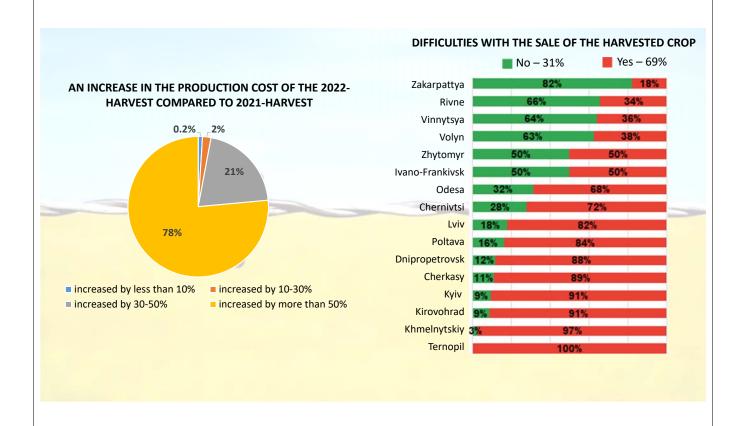


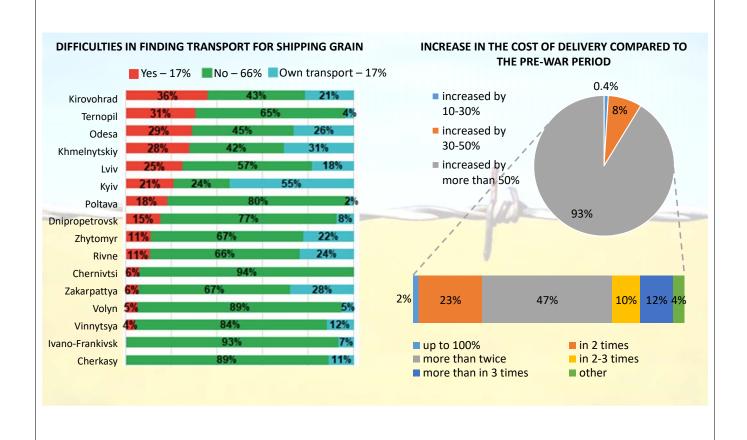
Source: based on the data of the State Statistic Service of Ukraine





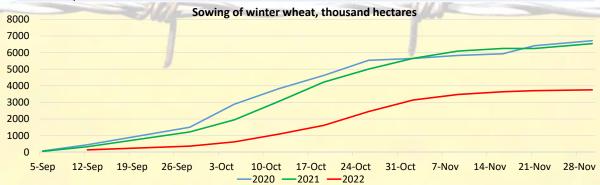


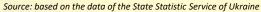




## PROGRESS OF FIELD WORK IN UKRAINE Sowing of winter crops, thousand hectares

Crops	Planted in 2020	Planted in 2021	Forecast for 2022	Forecast 2022 to planted in 2021	Planted as of December 1, 2022	% of planted to forecast 2022
Winter crops total, including:	8,973.5	9,029.4	5,716.5	- <b>36.69</b> %	5,449.4	95.33 %
<ul><li>winter wheat</li></ul>	6,714.4	6,538.4	3,989.4	- 38.99 %	3,758.8	94.22%
<ul><li>winter barley</li></ul>	1,080.4	969.0	675.7	- 30.27 %	612.5	90.65 %
<ul><li>winter rapeseeds</li></ul>	1,011.9	1,413.5	963.9	- 31.81 %	998.9	103.63 %
• winter rye	166.8	108.5	85.6	- 21.11 %	79.2	92.52 %







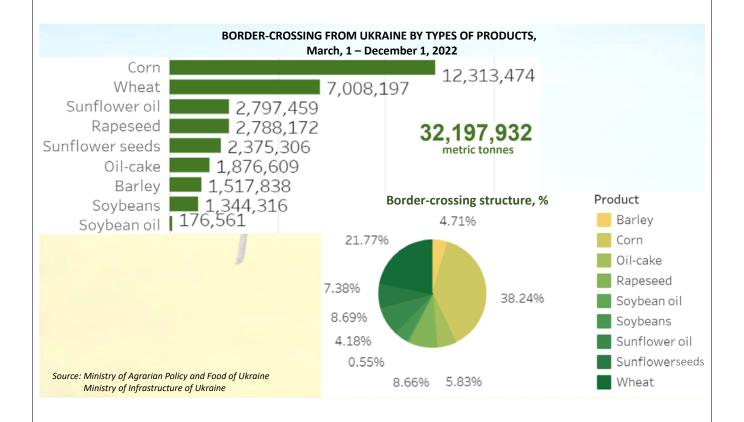
thousand tonnes									
	2020/2021	2021/	2022 MY	2022/2023 MY					
	MY Total	Total	including: for November 2021	Total	including: for November 2022				
Cereals and legumes, total	43939	48508	5817	18082	4669				
• wheat	16413	18741	2170	6867	1638				
<ul> <li>barley</li> </ul>	4210	5752	425	1480	252				
• rye	15.8	161.5	21.9	12.0	5.0				
• corn	22596	23535	3178	9662	2077				
Wheat flour	123.7	69.4	8.2	53.2	14.0				
Other flour	1.1	1.5	0.2	3.1	0.3				
Total flour	124.8	70.9	8.4	56.3	14.3				
Total export (grain + flour)	44105	48579	5825.4	18138.3	4005.3				

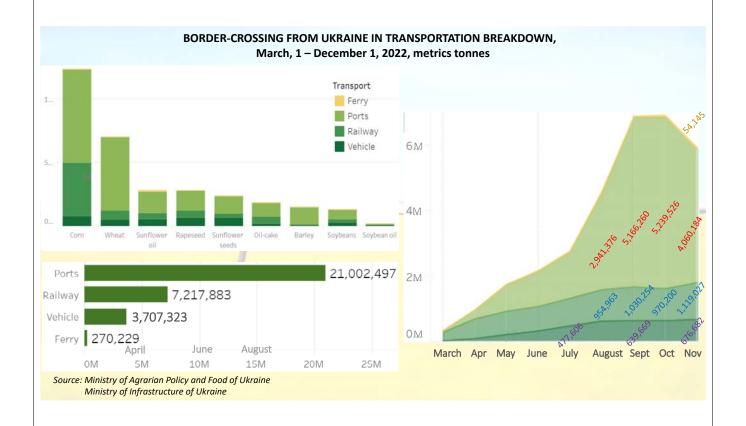
Source: based on data of State Customs Service of Ukraine

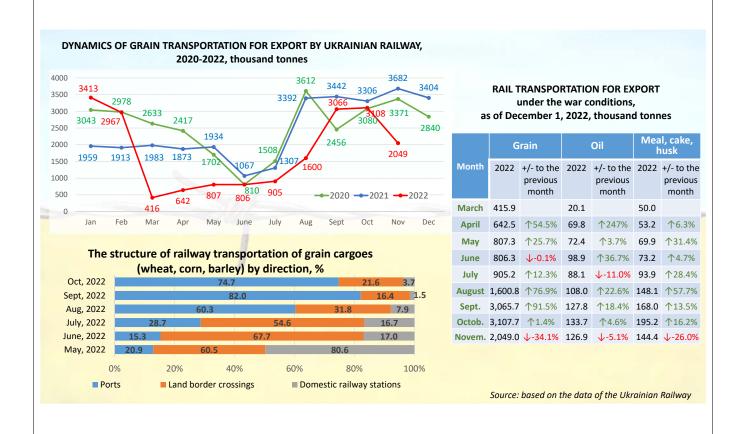
**EXPORT OF CEREALS and LEGUMES** 

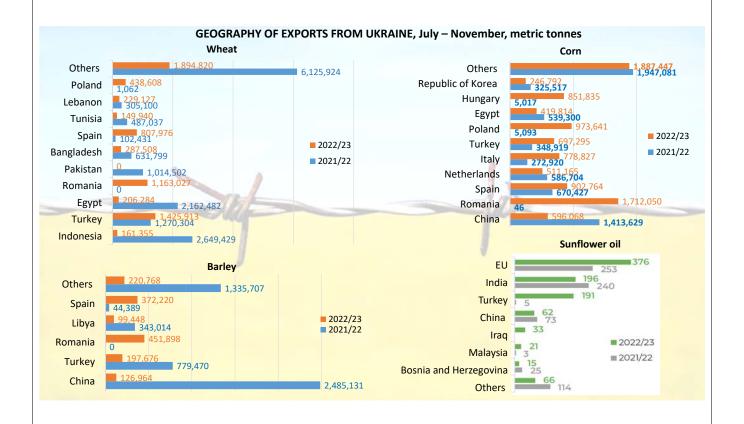
with products of their processing as of December 1, 2022,

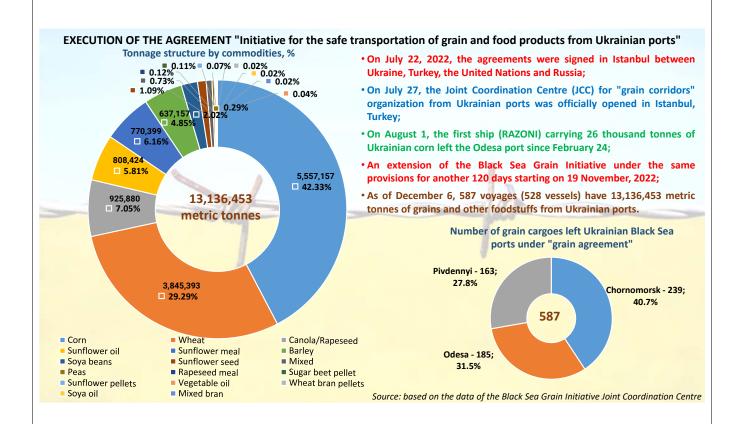


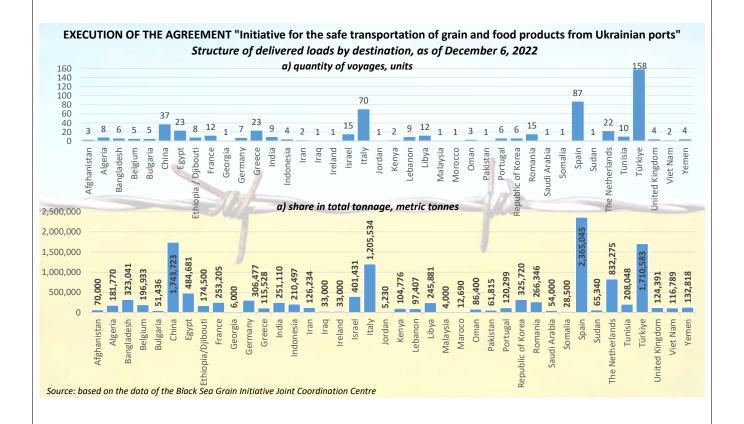












BALANCE OF SUPPLY AND					- ( TOTECASE AS	OI MOVEILIBEI 1	2, 2022)	
	2020/21	2020/21 2021/22 2022/23*			Deviation , %			
	thousand	thousand	thousan	d tonnes	2021/22 -	2022/23 - 2021/22		
	tonnes	tonnes	optimistic	pessimistic	2020/21	optimistic	pessimistic	
Initial stocks	4,216	4,811	12,456	12,456	+14.1%	in +2,6 times	in +2,6 times	
Sown area, thousand hectares	15,392	15,995	13,997	13,997	+3.9%	-12.5%	-12.5%	
Harvested area, thousand hectares	15,283	15,948	11,438	11,343	+4.4%	-28.3%	-28.9%	
Yield, tonnes / hectare	4.25	5.39	4.58	4.56	+26.8%	-15.0%	-15.3%	
Gross harvest	64,933	86,010	53,663	51,778	+32.5%	-37.6%	-39.8%	
Import	208	123	122	105	-40.8%	-1.1%	-14.9%	
Total supply	69,358	90,945	66,241	64,339	+31.1%	-27.2%	-29.3%	
Domestic consumption:	19,184	26,282	19,809	19,584	+37.0%	-24.6%	-25.5%	
food	4,775	4,463	4,074	3,802	-6.5%	-8.7%	-14.8%	
fodder	9,720	13,325	10,155	10,155	+37.1%	-23.8%	-23.8%	
seeds	2,224	1,928	2,109	1,576	-13.3%	+9.4%	-18.3%	
losses	1,515	5,692	2,596	3,095	in +3,8 times	-54.4%	-45.6%	
other (alcohol, malt, starch, etc.)	946	866	865	945	-8.5%	-0.1%	+9.1%	
Export	45,363	52,207	40,312	24,292	+15.1%	-22.8%	-53.5%	
Total distribution (demand)	64,547	78,489	60,121	43,876	+21.6%	-23.4%	-44.1%	
Ending stocks	4,811	12,456	6,120	20,463	in +2,6 time	-50.9%	+64.3%	
Ratio of ending stocks to distribution	7%	16%	10%	47%				

Source: based on "APK-Inform", the State Statistic Service of Ukraine and the State Customs Service of Ukraine

		WOR	D GRA	IN PR	ICES,	USD/t				Dynamics of food wheat prices, USD/t			
	Stock/ month	Country of origin	Terms of delivery	Dec 2	Nov 25	Nov 18	Nov 11	week. c		——Ukraine ——Russia (deep water ports) ——France FCW1 Rouen ——USA (Gulf of Mexico)			
			The future							550			
	CBOT, Dec.	USA	EXW	270.9	284.9	295.1	298.9	-14.0	-4.9%	A CONTRACTOR OF THE CONTRACTOR			
	CBOT, Oct.	Black Sea	FOB	314.8	316.5	317.0	317.0	-1.7	-0.6%	500			
wheat	Euronext, Dec.	France	CPT Rouen	335.5	340.4	337.6	329.7	-4.9	-1.4%	\.			
	LIFFE, Nov.	EU	EXW	292.5	307.8	301.1	299.7	-15.3	-5.0%				
	BCA, Nov.	Argentina	EXW	338.0	348.0	357.0	350.0	-10.0	-2.9%				
rn yellow	CBOT, Dec.	United States	EXW	250.0	263.0	262.8	259.1	-13.0	-4.9%	400			
Corn	Euronext, Nov.	France	FOB	308.3	316.7	317.9	322.4	-8.4	-2.6%	334 350 339			
orn hard	BCA, Oct.	Argentina	EXW	253.0	250.0	244.0	247.0	3.0	1.2%				
	_		Cash m							300 341			
neat SRW		USA	CPT Mex.	327.4	333.8	337.4	341.3	-6.4	-1.9%				
neat hard		Argentina	FOB	405.0	414.0	418.0	417.0	-9.0	-2.2%				
eatFCW1		France	FOB	339.0	343.0	344.0	345.0	-4.0	-1.2%	Dec Jan Feb Mar Apr May June July Aug Sep Oct Nov Dec			
rn yellow	Oct.	USA	CPT Mex.	298.5	312.3	315.6	322.0	-3.0	-0.8%	2021/22 2022/23			
Corn	Oct.	Argentina	FOB	-	-	333.0	346.0	-	-				
Fodder barley	Oct.	France	FOB	301.0	298.0	297.0	301.0	3.0	1.0%	Export prices for grain in Ukraine (deep water ports), Offer, FOB, USI  Feed wheat 12.5%  Feed wheat			
Janey	EVECET	DDICEC FOR	CDAINI	LIUDA	INIE (DE	-FD 14/A	<b>T</b> ED D	ODTC		Fodder barley Fodder corn			
	EXPORT	PRICES FOR						OKIS)		470			
		as of Dec	ember 2,	2022. (	Offer, FC	DB, USL	)/t			440			
			+/- to		+/- to		-	+/- to		410			
		Min	previous	Max	previous	Avera		evious		380			
			month		month		n	nonth		350 341			
F	ood wheat 12	2.5% 305		320		315							
F	ood wheat 11	.5% 300		315		305				320 317			
	eed wheat	255	-5	275		270				290 280			
F	odder corn	255	- 5	275	- 5	265		- 5		230			
F	odder barley	255	- 5	280		265		- 5		200			
										Dec Jan Feb Mar Apr May June July Aug Sep Oct No v De 2021/22 2022/23			

