

# **OUTLINE:**

- · Damages and losses from the war
- Agricultural reconstruction and recovery needs
- Export of ag commodities and "Grain initiative"
- · Ukrainian oil seeds market overview
- Planting in Ukraine
- Planting in Russia and Russian grain export

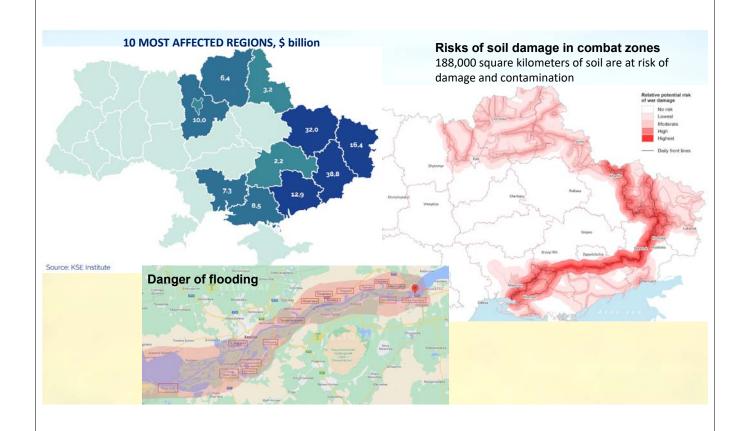


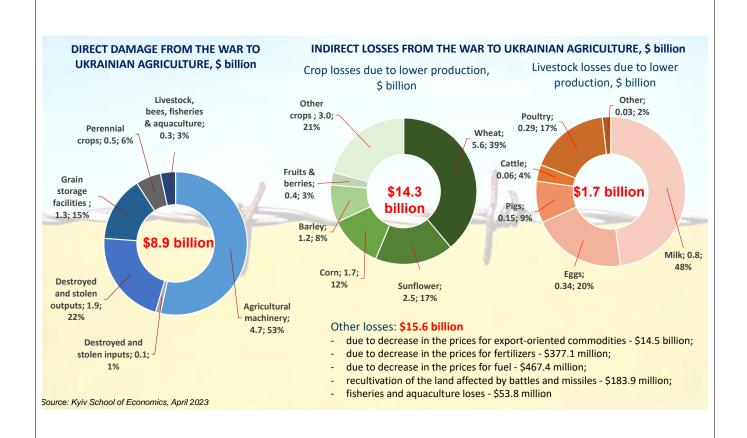












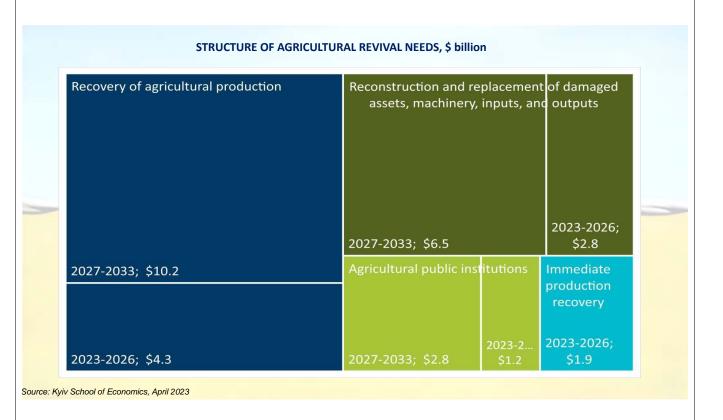
# REGIONAL DISTRIBUTION OF LOSSES TO UKRAINIAN AGRICULTURE, \$ mln Region Damages, million USD Vinnytsia - Volyn - Dnipropetrovsk 1 Donetsk 960 Zhytomyr 0 Zakarpattya - Zaporizhya 1,447 Ivano-Frankivsk - Kirovohrad Dnipropetrovsk Donetsk Chernivtsi Chernivtsi Donetsk 2,500 Liviv - Mykolayiv 386 Odesa 1 Poltava 0 Rivne - Sumy 116 Ternopil - Kharkiv 1,207 Kherson 1,411 Khmelnytskiy - Cherkasy 1 Chernivtsi 0 Crimea

Source: Kyiv School of Economics, April 2023

Region	Damages, million USD	Losses, million USD	Total, million USD	% of National
Vinnytsia	-	2,034	2,034	5.1 %
Volyn	-	353	353	0.9 %
Dnipropetrovsk	1	1,827	1,828	4.5 %
Donetsk	960	1,447	2,406	6.0 %
Zhytomyr	0	795	795	2.0 %
Zakarpattya	-	45	45	0.1%
Zaporizhya	1,447	2,445	3,892	9.7 %
Ivano-Frankivsk	-	72	72	0.2 %
Kyiv	457	1,778	2,235	5.6 %
Kirovohrad	1	1,553	1,554	3.9 %
Luhansk	2,500	1,167	3,667	9.1 %
Lviv	-	384	384	1.0 %
Mykolayiv	386	1,686	2,072	5.2 %
Odesa	1	1,335	1,336	3.3 %
Poltava	0	1,985	1,985	4.9 %
Rivne	-	484	484	1.2 %
Sumy	116	1,509	1,625	4.0 %
Ternopil	-	771	771	1.9 %
Kharkiv	1,207	2,985	4,192	10.4 %
Kherson	1,411	2,137	3,547	8.8 %
Khmelnytskiy	-	1,044	1,044	2.6 %
Cherkasy	1	1,581	1,582	3.9 %
Chernivtsi	0	181	181	0.4 %
Chernihiv	231	1,889	2,120	5.3 %
Ukraine	8,718	31,488	40,205	100.0 %

Category	Component	Immediate (2023)	Medium to Long-term (2024-2033)	Total
Reconstruction	(a) Support to reconstruction:	50	9,270	9,320
Needs	Storage facilities		1,593	1,593
	Farm equipment and machinery		4,656	4,656
	Recultivation of damaged farmlands	50	133	183
	Perennial crops		588	588
	Livestock, fisheries, and aquaculture		333	333
	Outputs and inputs		1,967	1,967
<b>Recovery Needs</b>	(b) Support to an immediate agriculture production recovery:	490	1,380	1,870
	Interest rate compensation (BDF, credit program 5-7-9)	300	600	900
	Partial credit guarantee fund for agriculture	20	80	100
	Grants and inputs for ag production by small farms (per hectare and per livestock unit)	120	500	620
	Full and matching grants for alternative energy generation of farms, elevators and other agribusinesses	50	200	250
	(c) Support to a longer-term recovery of the agriculture:	50	14,450	14,500
	Investment grants for promoting climate-smart technologies for arable crops		4,000	4,000
	Investment grants for investing in horticulture (orchards and greenhouses)	50	3,950	4,000
	Investment grants for livestock development		4,000	4,000
	Investment grants for integrated food-energy systems, inc. biogas development		1,800	1,800
	Investment grants for fisheries and aquaculture		700	700
	(d) Support to agricultural public institutions, including to accelerate the EU accession	10	4,000	4,010
ouTQTAViv School of	Conomics, April 2023	600	29,100	29,700

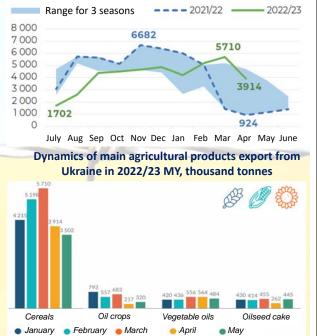
AGRICULTURAL RECONSTRUCTION AND RECOVERY NEEDS, \$ million

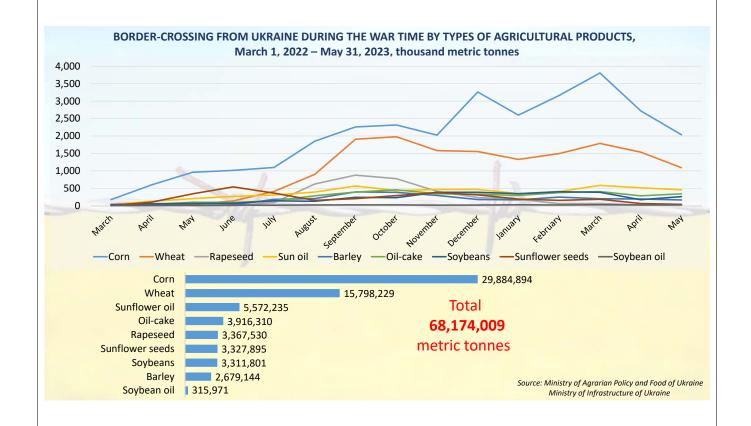


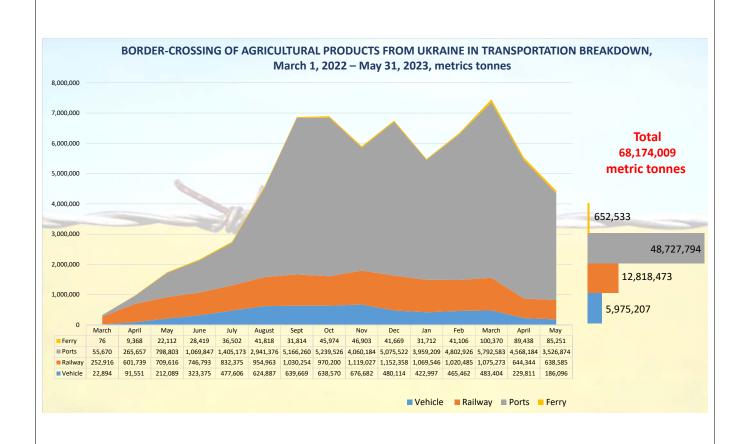
# EXPORT OF CEREALS and LEGUMES with products of their processing as of May 31, 2023, thousand tonnes

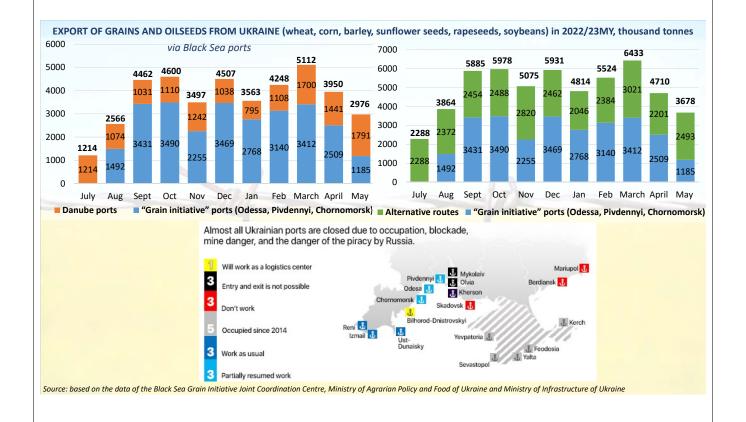
	2020/202 1 MY	2021/2022 MY			2022/2023 MY		
	Total	Total	As for May 2022	including May 2022	Total as for May 2023	including May 2023	
Cereals and	43939	48508	47011	1142	45290	3403	
legumes, total							
<ul> <li>wheat</li> </ul>	16413	18741	18570	44	15442	1044	
<ul> <li>barley</li> </ul>	4210	5752	5679	11	2647	182	
• rye	15.8	161.9	161.9	0	17.9	0	
• corn	22596	23535	22295	1084	26868	2170	
Wheat flour	123.7	69.4	69.4	1.4	136.0	13.3	
Other flour	1.1	1.5	1.6	0.1	5.5	0.5	
Total flour	124.8	70.9	71.0	1.5	141.5	13.8	
Total export (grain + stlour) sed on date	44105	48579	47106	1144	45432	3417	

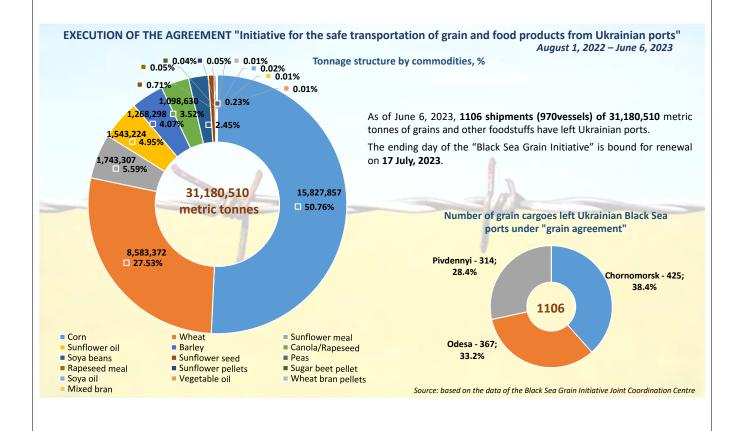
### Dynamics of grain exports from Ukraine, thousand tonnes

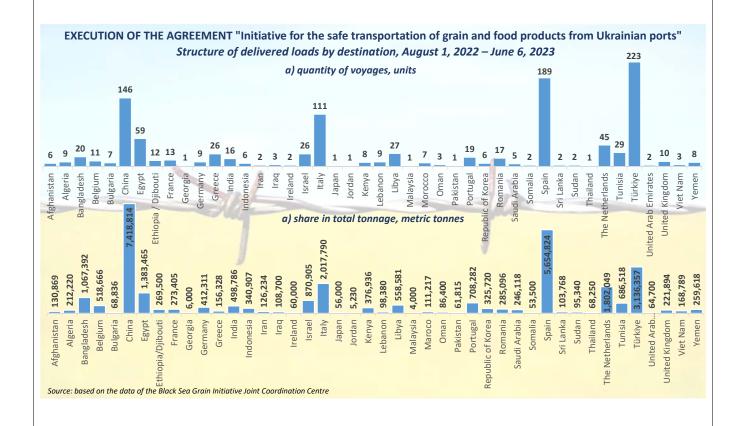


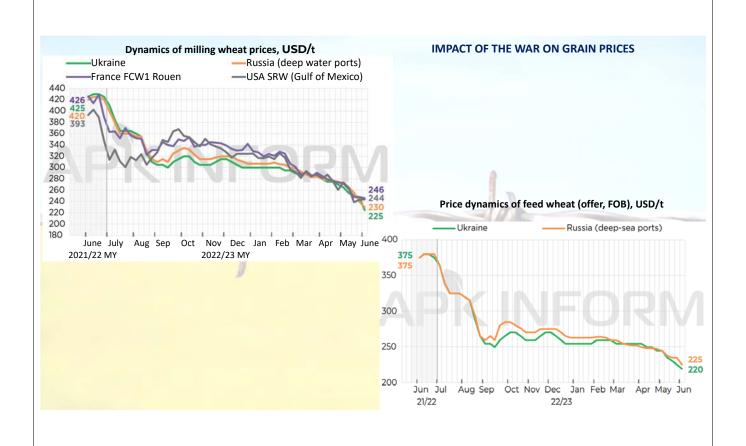


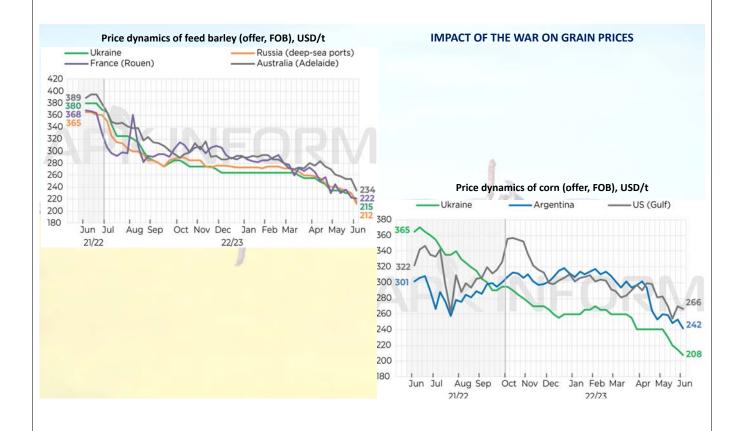


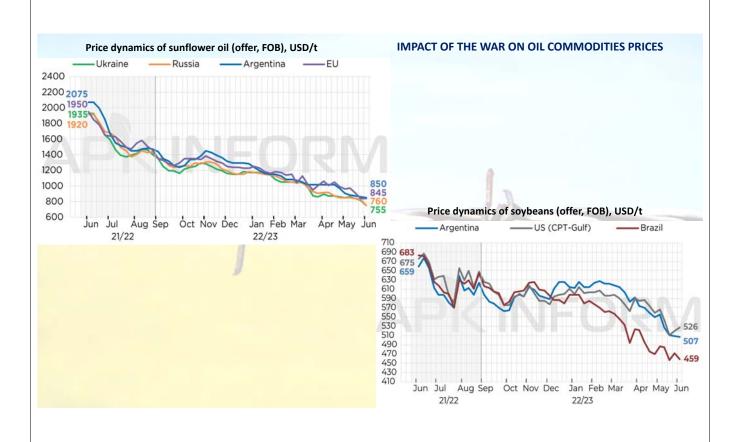


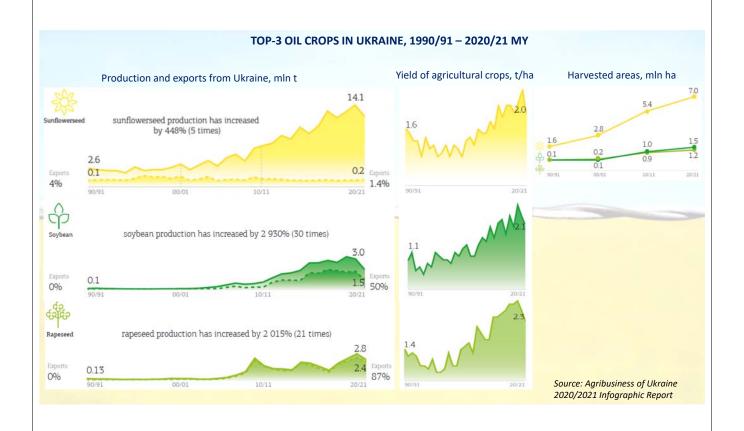


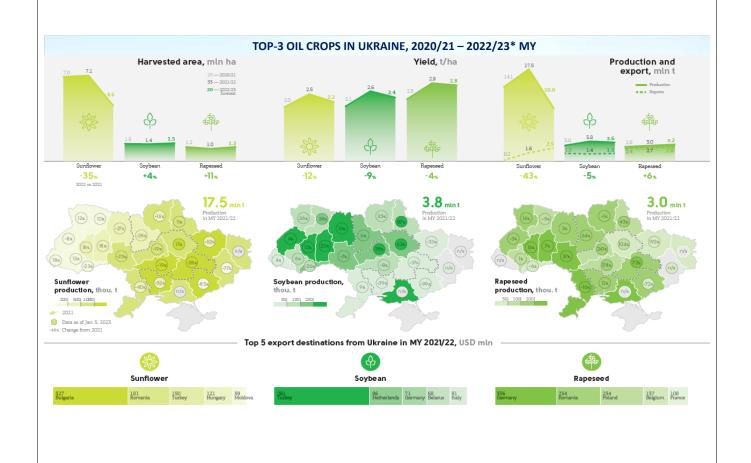


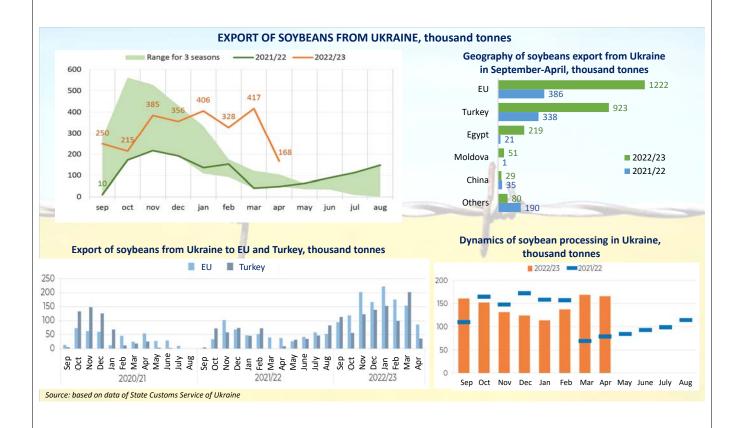


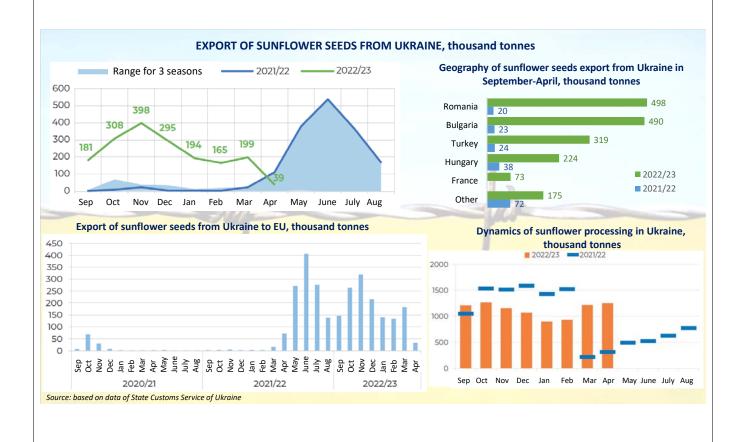


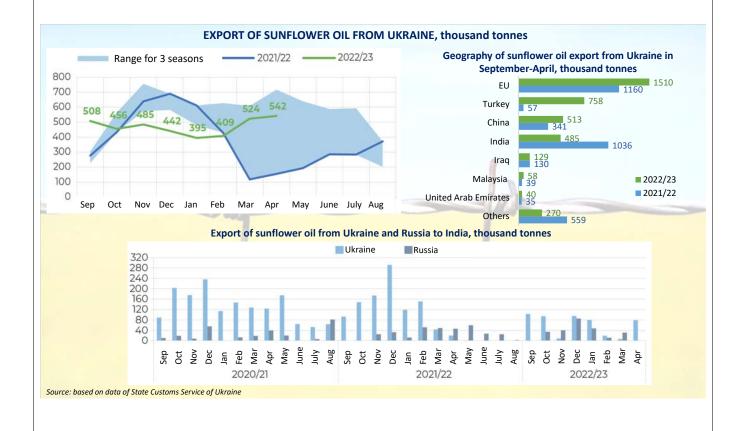


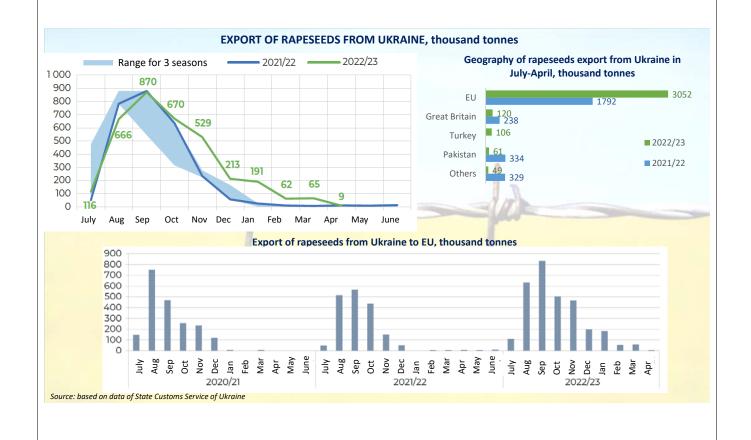












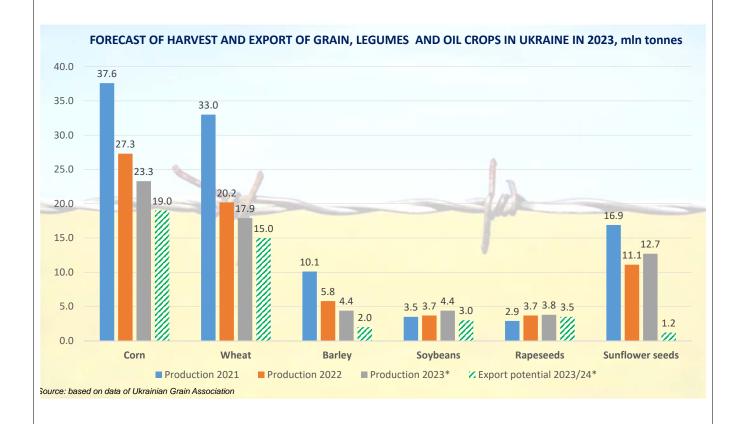
# SOWING OF WINTER CROPS IN UKRAINE, thousand hectares

Crops	Sown areas in 2020	Sown areas in 2021	Planted in 2022 for the 2023 harvest	% of planted in 2022 to 2021
Winter crops total, including:	8,973.5	9,029.4	5,449.4	60.3 %
<ul><li>winter wheat</li></ul>	6,714.4	6,538.4	3,758.8	57.5 %
<ul><li>winter barley</li></ul>	1,080.4	969.0	612.5	63.2 %
<ul><li>winter rye</li></ul>	166.8	108.5	79.2	73.0 %
<ul><li>winter rapeseeds</li></ul>	1,011.9	1,413.5	998.9	70.7 %

# SOWN AREA OF SPRING CROPS IN UKRAINE thousand hectares

Crops		housand tares	2022 to 2021	2023 forecast	2023 as of	
	2021	2022	2021	iorecast	June 2	
Total (selected						
crops)	15633.2	12327.0	<b>78.9</b> %	13477	12467.2	
Spring cereals						
and legumes	7586.0	6196.9	81.7%	5700	5472	
including:						
<ul> <li>spring wheat</li> </ul>	192.1	191.1	99.4%	285	269.5	
<ul> <li>spring barley</li> </ul>	1337.0	951.4	71.2%	1041	766.1	
• oats	177.9	159.3	89.5%	195	145.6	
• peas	242.1	131.0	54.1%	315	136.1	
• corn	5474.8	4639.4	84.7%	3618	3892.5	
<ul> <li>buckwheat</li> </ul>	84.0	75.3	89.6%	131	106.1	
• millet	78.1	49.5	63.3%	115	46.1	
Spring rapeseed	33.2	34.1	102.7%	75	0	
Soybeans	1279.6	1212.6	94.8%	1841	1739.3	
Sunflower	6509.7	4702.7	72.2%	5641	5042.8	
Sugar beet	224.7	180.6	80.4%	220	213.1	

Source: based on the data of the State Statistic Service of Ukraine and Ministry of Agrarian Policy and Food of Ukraine



### WINTER PLANTING CAMPAIGN IN RUSSIA, thousand hectares planted in 2022 2022 Country/district 2020 2021 to 2020. % **RU** total 19,298.3 18,434.5 17,730.1 -8.1 % Southern FD 7,013.5 7,186.9 7,187.5 2.5 % Volga FD 4,997.2 4,250.6 4,654.2 -6.9 % Central FD 4,263.1 3,970.0 3,078.3 -27.8 % North Caucasian FD 2,377.2 2,464.2 2,326.8 -2.1 % Siberian FD 436.0 363.4 294.7 -32.4 % Northwestern FD 135.6 137.9 134.4 -0.9 % 75.5 Ural FD 61.4 54.1 -28.3 % 0.0 Far Eastern FD 0.3 0.1 -100.0 %





# SPRING PLANTING CAMPAIGN IN RUSSIA, thousand hectares

by crops

Country/district	2021		2022	2022		As of May 31, 2023	
Country/district	Forecast, thsd ha	Fact, thsd ha	Forecast, thsd ha	Fact, thsd ha	Forecast, thsd ha	Fact, thsd ha	to 2022 fact, %
RU, spring planting total	51,470.9	51,385.9	53,559.9	45,281.1	55,237.8	47,938.0	+ 22.0 %
Spring cereals and legumes	29,283.2	29,554.5	29,752.4	25,428.5	29,986.3	27,408.6	+ 17.9%
including:							
<ul> <li>spring wheat</li> </ul>	12,676.2	13,058.6	13,006.1	11,316.6	13,009.8	12,858.8	+ 15.0 %
<ul> <li>spring barley</li> </ul>	7,698.3	7,399.4	7,453.5	6,461.2	7,690.7	6,715.0	+ 19.0 %
• corn	2,818.0	2,990.3	3,008.0	2,612.8	2,935.0	2,422.0	+ 12.3 %
• rice	191.9	188.7	190.4	140.2	178.1	151.0	+ 27.0 %
Spring rapeseed	1,241.5	1,375.2	1,561.4	1,591.1	1,731.7	1,468.8	+ 8.8 %
Soybeans	3,047.5	2,770.5	3,324.6	2,732.1	3,558.8	2,888.3	+ 30.3 %
Sunflower	8,553.1	9,133.1	9,156.2	7,993.7	9,803.4	8,827.7	+ 22.6 %

### spring cereals and legumes by regions

	- 0						
Country/district	2021		2022		As of May 31, 2023		2023 forecast
Country/district	Forecast, thsd ha	Fact, thsd ha	Forecast, thsd ha	Fact, thsd ha	Forecast, thsd ha	Fact, thsd ha	to 2022 fact, %
RU	29,283.2	29,554.5	29,752.4	25,428.5	29,986.3	27,408.6	+ 17.9 %
Central FD	4,483.1	4,968.2	4,704.6	4,245.9	5,261.8	4,980.1	+ 23.9 %
Southern FD	2,151.4	2,328.9	2,065.8	1,840.8	1,996.0	1,904.6	+ 8.4 %
Northwestern FD	227.1	214.8	213.6	174.5	190.8	186.4	+ 9.3 %
North Caucasian FD	890.8	882.7	953.2	805.9	874.3	615.7	+ 8.5 %
Volga FD	8,748.7	8,698.5	9,100.6	7,290.7	8,864.2	8,609.2	+ 21.6 %
Ural FD	3,525.0	3,362.6	3,426.3	2,436.6	3,365.5	3,247.6	+ 38.1 %
Siberian FD	8,710.0	8,615.7	8,716.1	8,220.7	8,868.0	7,495.8	+ 7.9 %
Far Eastern FD	547.1	483.1	572.2	413.3	565.6	369.3	+ 36.8 %

Source: based on Ministry of Agriculture of the Russian Federation

