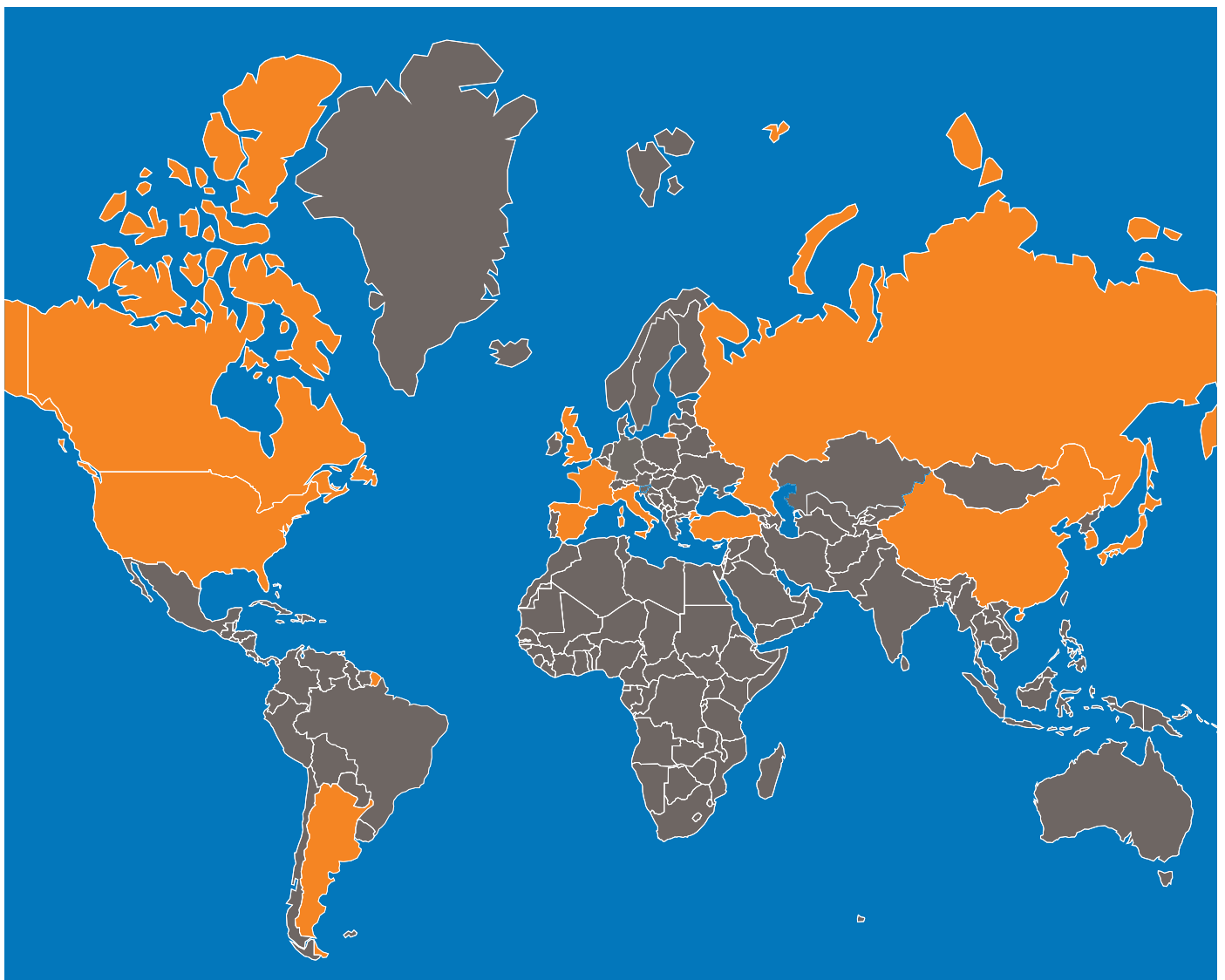


# Agrievolution Business Barometer



Public excerpt of the survey

29th edition  
May 2024



## Agrievolution Alliance Members



**AEA**  
Agricultural Engineers Association



**AEM**  
Association of Equipment Manufacturers



**ANSEMAT**  
Association for Agricultural, Forestry and Landscaping Machinery



**AXEMA**  
Association for Industrial Agricultural Equipment



**CAFMA**  
Argentinian Chamber of Agrimachinery Manufacturers



**CAMDA**  
China Agricultural Machinery Distribution Association



**CEMA**  
European Agricultural Machinery Association



**FEDERUNACOMA**  
Italian Farm Machinery Manufacturers Association



**FICCI**  
Federation of Indian Chambers of Commerce and Industry



**JAMMA**  
Japan Agricultural Machinery Manufacturer's Association



**KAMICO**  
Korean Agricultural Machinery Industry Cooperative



**ROSSPETSMASH**  
Russian Association of Specialized Machinery and Equipment Manufacturers



**TARMAKBIR**  
Turkish Association of Agricultural Machinery & Equipment Manufacturers

## What is the Agrievolution Business Barometer?

A survey within senior management of the global agricultural machinery industry (ca. 90% manufacturers and 10% distributors)

Project managed under the umbrella of Agrievolution (global association network for the agricultural machinery industry)

181 participants from Argentina, Western Europe (by CEMA with the results of its separate monthly survey), Japan, Turkey and North America.

Implemented by the correspondent national associations

Project lead and summary of the results: ANSEMAT (Spain)

Objective: illustration of the current and future branch development for the most relevant topics of the industry

General evaluation of the business

Order intake

Turnover

Employment

Delivery times

Machinery stocks

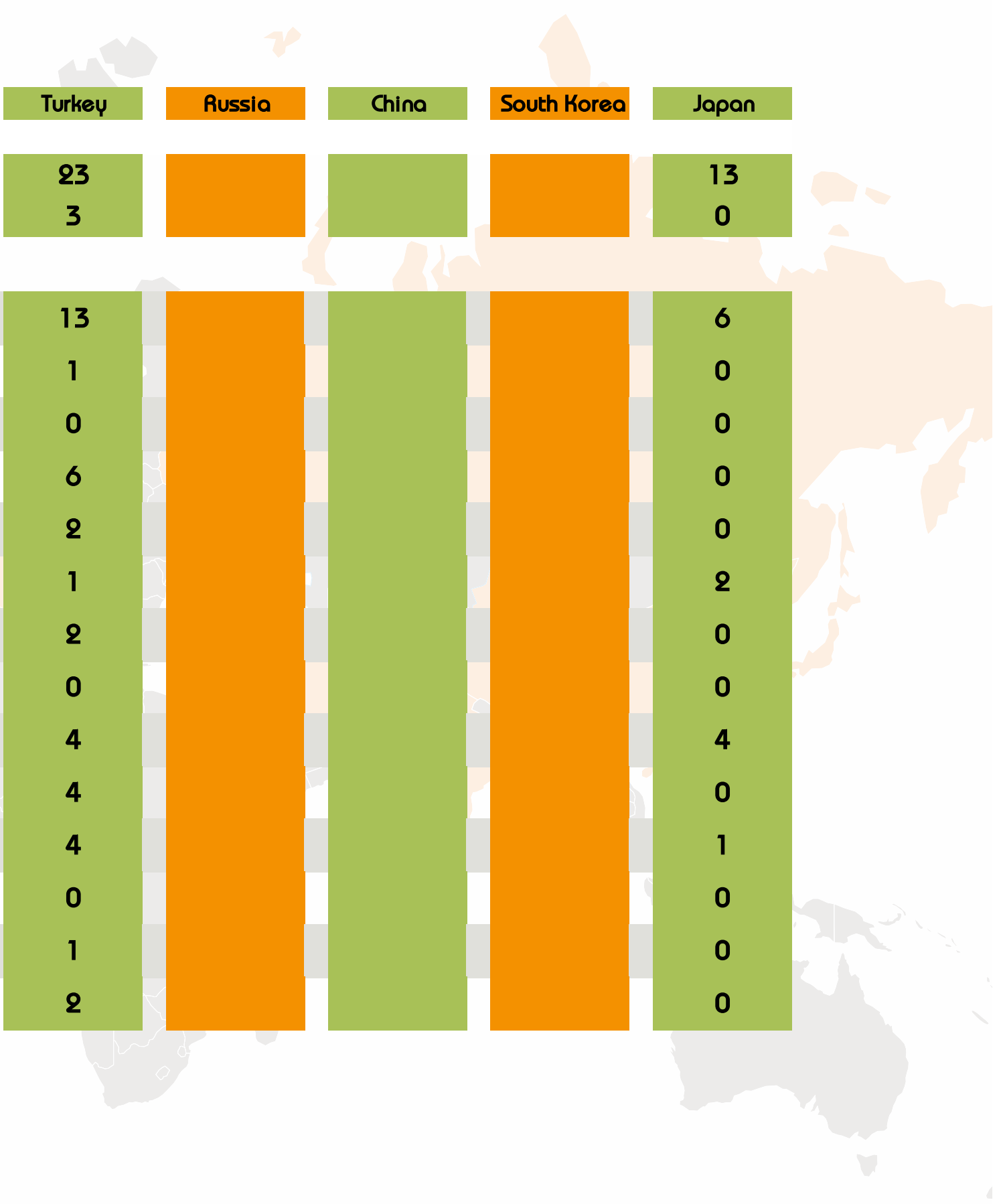
Farmers' mood and economic conditions

Survey periods: May and November (Start was in 2010)

# AGRIEVOLUTION BUSINESS BAROMETER

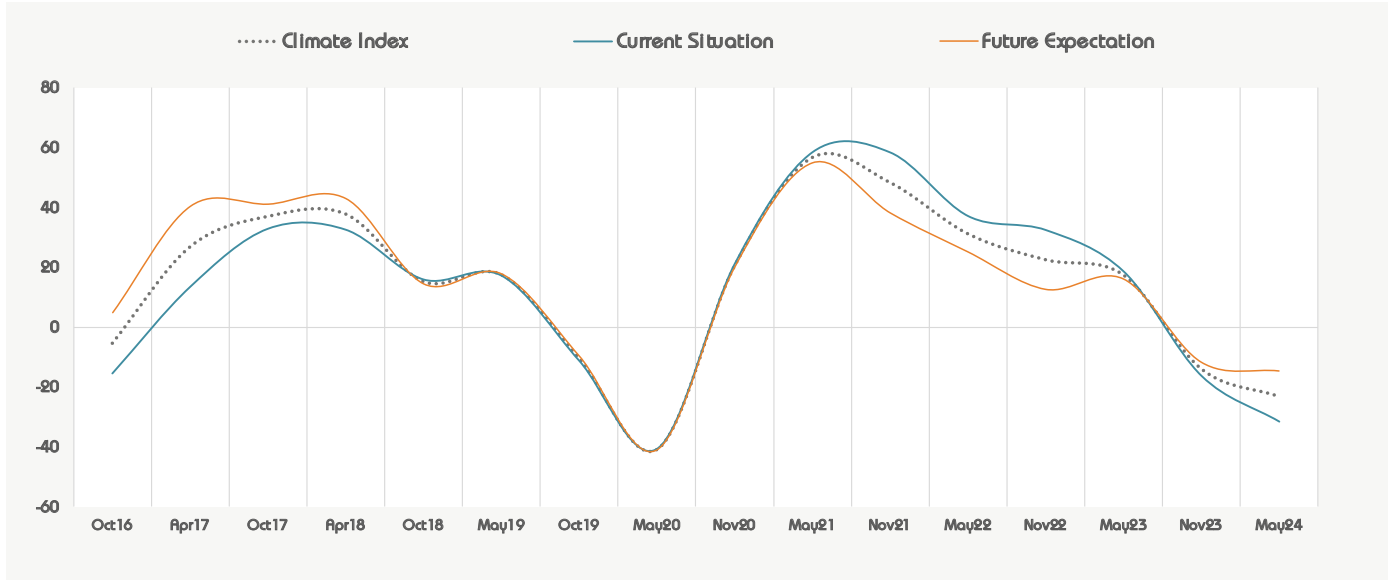
	World	USA	Argentina	W. Europe
<b>Manufacturer</b>	<b>161</b>	<b>19</b>	<b>36</b>	<b>70</b>
<b>Importer / Dealer</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>17</b>
Equipment for soil working, seeding, fertilizing, plant protection	65	7	12	27
Components	25	9	5	10
Greenhouse	0	0	0	0
Harvesting equipment	34	3	8	17
Irrigation	4	2	0	0
Lawn and garden	16	3	0	10
Livestock equipment	17	0	3	12
Municipal equipment	8	2	0	6
Tractors	29	2	1	18
Loaders / material handlers	10	5	1	0
Trailers / transportation equipment	33	1	9	18
Storage	6	2	4	0
Vineyard equipment	5	1	1	2
Others	10	6	2	0

# SURVEY SAMPLE SIZE

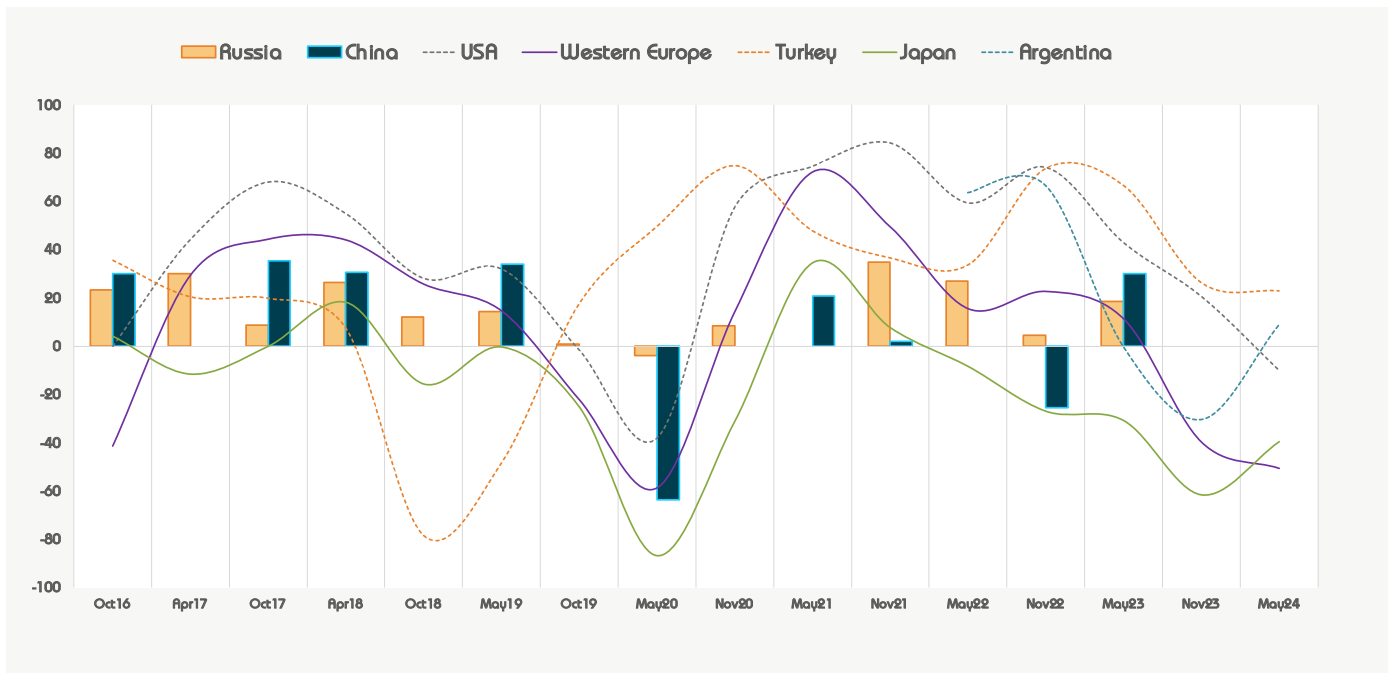


# PRODUCTION

## Agrievolution Business Climate Index



## Business Climate Index for markets over the entire time series



Note China and Russia indices are shown as bars due to lack of consecutive replies



		May19	Oct19	May20	Nov20	May21	Nov21	May22	Nov22	May23	Nov23	May24
<b>World</b>	<b>CI</b>	<b>17,5</b>	<b>-10,4</b>	<b>-40,8</b>	<b>20,6</b>	<b>56,7</b>	<b>48,2</b>	<b>31,1</b>	<b>22,5</b>	<b>17,4</b>	<b>-14,0</b>	<b>-23,2</b>
	CS	17,2	-11,2	-40,7	21,1	58,4	58,3	37,1	32,4	18,6	-16,3	-31,6
	FE	17,9	-9,6	-41,0	20,1	55,0	38,3	25,2	12,7	16,2	-11,7	-14,6
<b>USA</b>	<b>CI</b>	<b>32,0</b>	<b>-1,6</b>	<b>-38,0</b>	<b>57,7</b>	<b>74,6</b>	<b>84,2</b>	<b>59,4</b>	<b>74,1</b>	<b>42,9</b>	<b>20,6</b>	<b>-10,1</b>
	CS	40,5	-15,2	-61,5	42,9	81,6	89,5	73,0	92,0	58,7	20,8	0,0
	FE	23,7	12,1	-13,9	72,7	67,6	78,9	45,9	56,5	27,3	20,4	-20,0
<b>Argentina</b>	<b>CI</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>0,0</b>	<b>63,6</b>	<b>66,5</b>	<b>-0,4</b>	<b>-30,4</b>	<b>9,0</b>
	CS	0,0	0,0	0,0	0,0	0,0	0,0	87,7	86,7	27,3	-42,9	-26,9
	FE	0,0	0,0	0,0	0,0	0,0	0,0	40,0	46,7	-27,3	-17,9	46,2
<b>Western Europe</b>	<b>CI</b>	<b>14,7</b>	<b>-22,1</b>	<b>-58,6</b>	<b>14,4</b>	<b>72,3</b>	<b>49,5</b>	<b>15,6</b>	<b>22,8</b>	<b>11,4</b>	<b>-39,7</b>	<b>-50,6</b>
	CS	22,1	-16,3	-47,6	20,2	71,0	57,7	22,9	27,8	10,2	-35,9	-55,2
	FE	7,4	-27,9	-69,5	8,7	73,5	41,2	8,3	17,8	12,5	-43,5	-46,0
<b>Turkey</b>	<b>CI</b>	<b>-48,3</b>	<b>17,8</b>	<b>49,8</b>	<b>74,9</b>	<b>47,9</b>	<b>36,7</b>	<b>33,8</b>	<b>73,8</b>	<b>66,7</b>	<b>26,4</b>	<b>23,0</b>
	CS	-60,0	7,1	28,6	62,5	64,0	40,0	5,3	66,7	66,7	41,2	34,6
	FE	-36,4	28,6	71,4	87,5	32,0	33,3	63,2	81,0	66,7	11,8	11,5
<b>Russia</b>	<b>CI</b>	<b>14,4</b>	<b>1,0</b>	<b>-3,8</b>	<b>8,6</b>		<b>34,8</b>		<b>4,6</b>	<b>18,6</b>		
	CS	7,7	-4,3	-3,8	20,6		36,2		19,4	24,4		
	FE	21,2	6,4	-3,8	-3,2		33,3		-10,0	12,8		
<b>China</b>	<b>CI</b>	<b>34,2</b>		<b>-63,6</b>		<b>20,9</b>			<b>-25,3</b>			
	CS	26,3		-63,6		32,3			0,0			
	FE	42,1		-63,6		9,7			-50,0			
<b>Japan</b>	<b>CI</b>	<b>-0,3</b>	<b>-25,1</b>	<b>-86,8</b>	<b>-31,0</b>	<b>34,6</b>	<b>7,7</b>	<b>-8,4</b>	<b>-26,9</b>	<b>-30,8</b>	<b>-61,6</b>	<b>-39,5</b>
	CS	-25,0	-8,3	-91,7	-53,8	46,2	15,4	0,0	-30,8	-38,5	-69,2	-53,8
	FE	25,0	-41,7	-81,8	-7,7	23,1	0,0	-16,7	-23,1	-23,1	-53,8	-25,0

CI = Climate Index

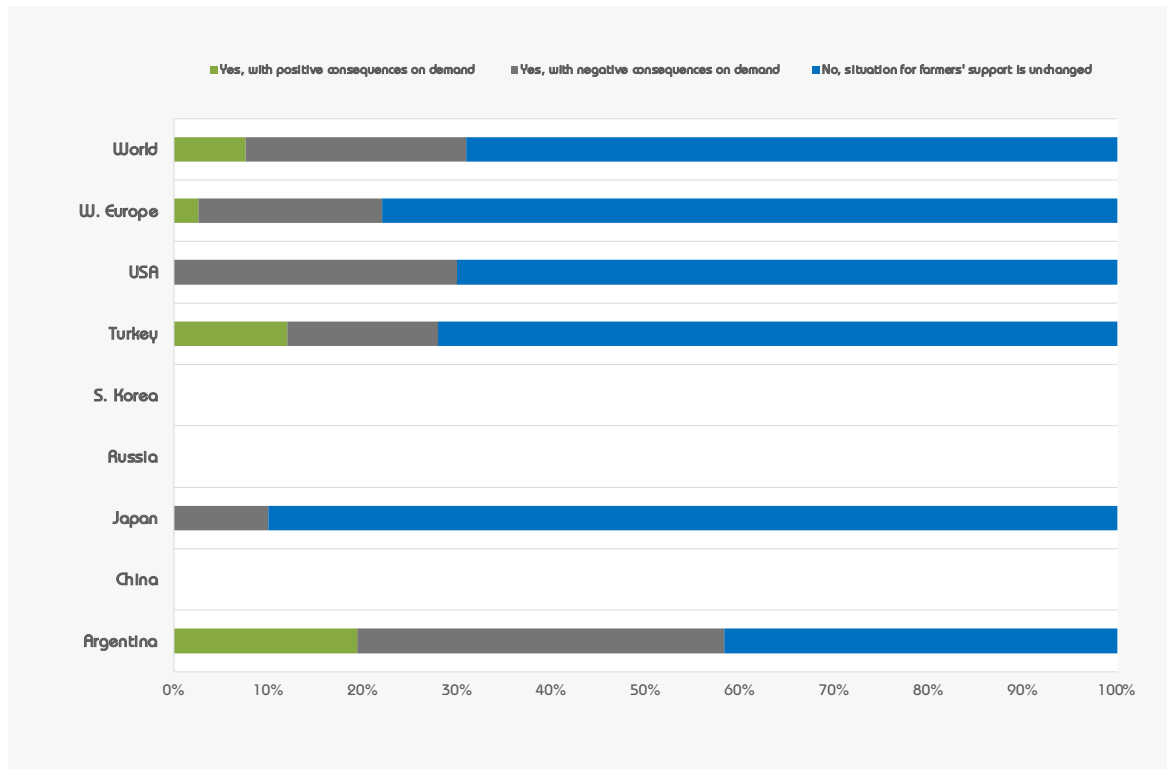
CS = Current situation

FE = Future expectation

## MARKET ENVIRONMENT

Has there been a change in government programs during the past 6 months with effects on the demand for agricultural machinery?

in % of the interviewed persons according to country of company location



### MAY 2024

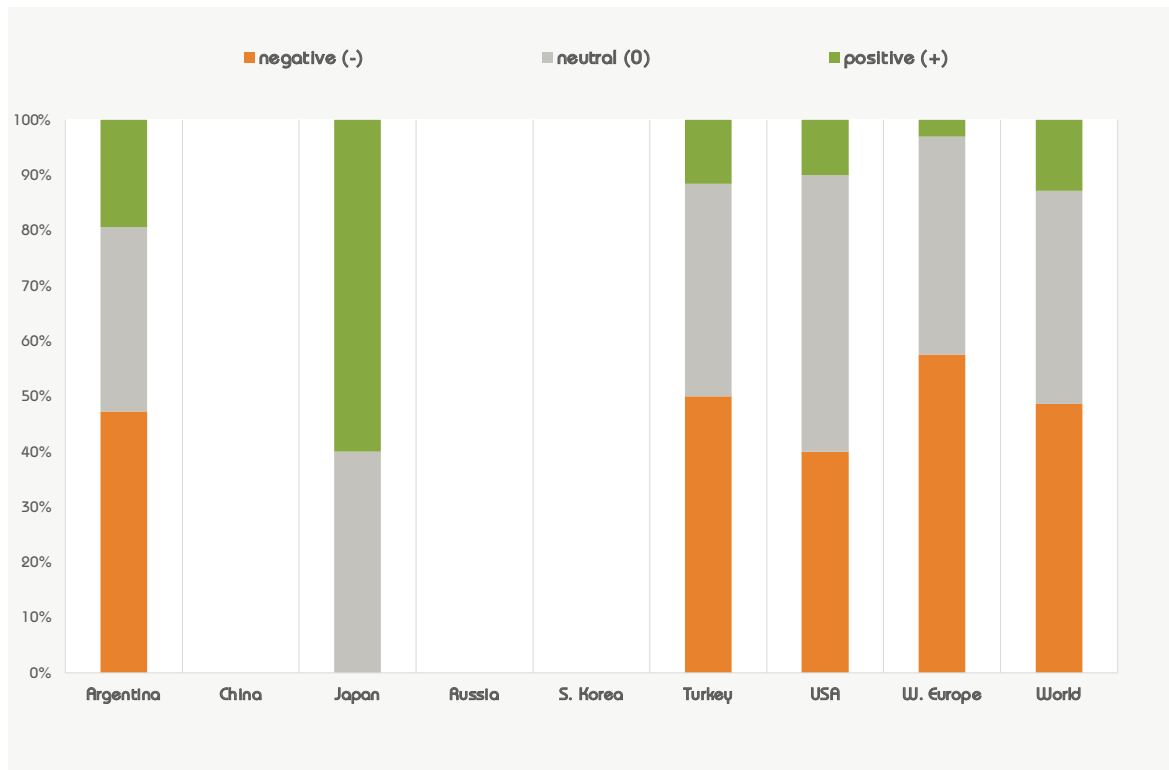
	Argentina	China	Japan	Russia	S.Korea	Turkey	USA	W. Europe	World
<b>YES, with (+) effects on demand</b>	19,4		0,0			12,0	0,0	2,6	7,6
<b>YES, with (-) effects on demand</b>	38,9		10,0			16,0	30,0	19,5	23,4
<b>NO, farmer's support is unchanged</b>	41,7		90,0			72,0	70,0	77,9	69,0



## MARKET ENVIRONMENT

Please, give a current evaluation of the following aspects/impacts for the farmers/end customers in your domestic market: **Competitiveness and perspectives**

Answers from manufacturers / importers according to location



### MAY 2024

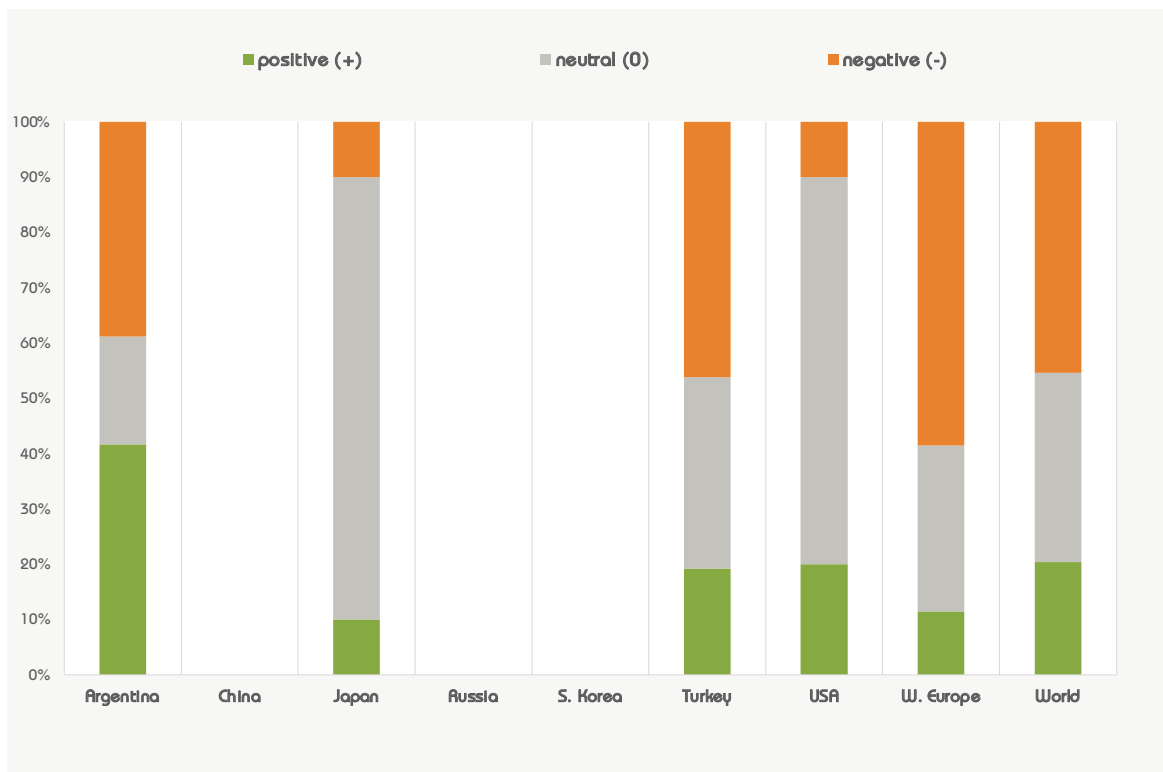
	Argentina	China	Japan	Russia	S.Korea	Turkey	USA	W. Europe	World
<b>POSITIVE (+)</b>	19,4		60,0			11,5	10,0	3,0	12,8
<b>NEUTRAL</b>	33,3		40,0			38,5	50,0	39,4	38,5
<b>NEGATIVE (-)</b>	47,2		0,0			50,0	40,0	57,6	48,6



## MARKET ENVIRONMENT

Please, give a current evaluation of the following aspects/impacts for the farmers/end customers in your domestic market: **Crop production (prices, quantities, quality)**

Answers from manufacturers / importers according to location



### MAY 2024

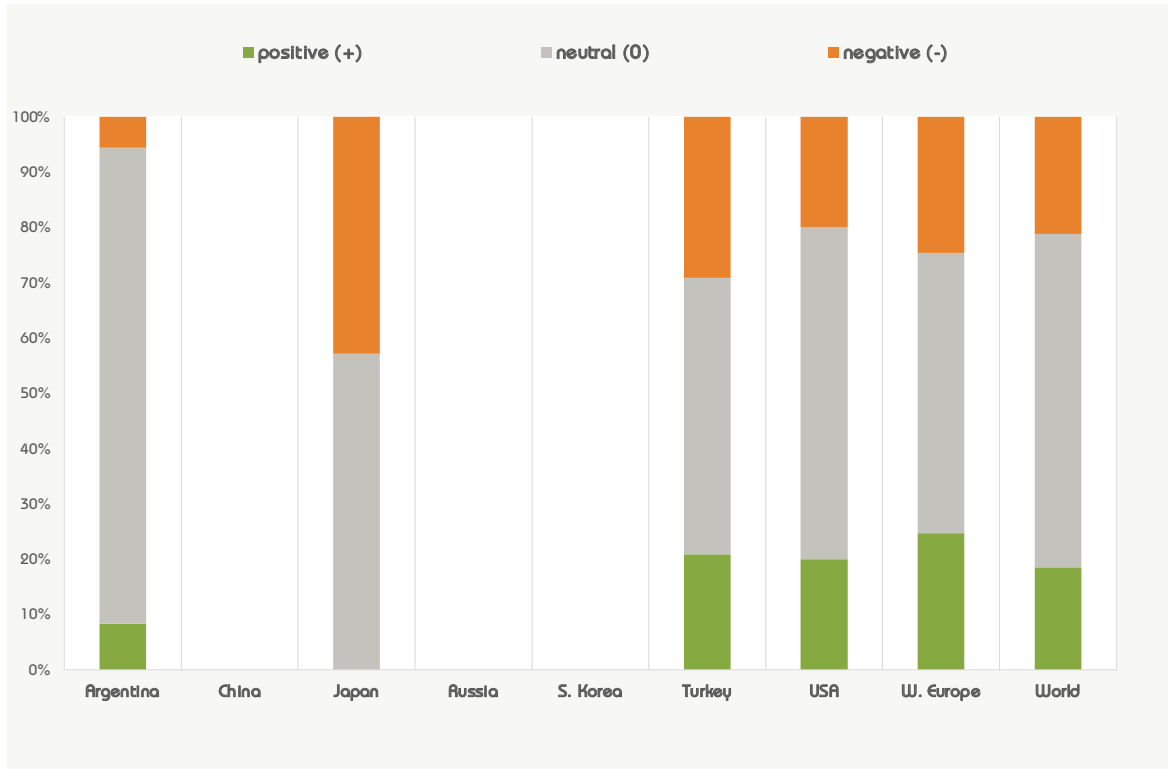
	Argentina	China	Japan	Russia	S.Korea	Turkey	USA	W. Europe	World
<b>POSITIVE (+)</b>	41,7		10,0			19,2	20,0	11,4	20,4
<b>NEUTRAL</b>	19,4		80,0			34,6	70,0	30,0	34,2
<b>NEGATIVE (-)</b>	38,9		10,0			46,2	10,0	58,6	45,4



## MARKET ENVIRONMENT

Please, give a current evaluation of the following aspects/impacts for the farmers/end customers in your domestic market: **Animal production (inc. dairy products)**

Answers from manufacturers / importers according to location



### MAY 2024

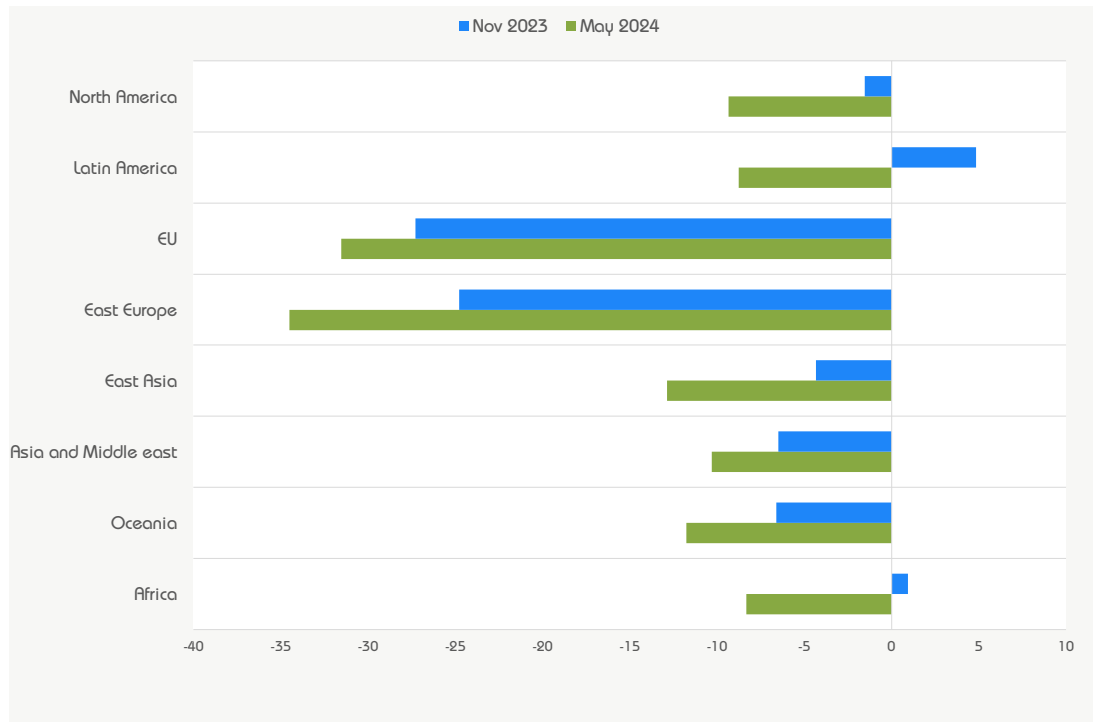
	Argentina	China	Japan	Russia	S.Korea	Turkey	USA	W. Europe	World
<b>POSITIVE (+)</b>	8,3		0,0			20,8	20,0	24,6	18,5
<b>NEUTRAL</b>	86,1		57,1			50,0	60,0	50,7	60,3
<b>NEGATIVE (-)</b>	5,6		42,9			29,2	20,0	24,6	21,2



## MARKET OUTLOOK

Our regional turnover expectations in the next 6 months (compared to same period a year ago) are as follows:

% of all interviewees



### MAY 2024

	North America	Latin America	EU	East Europe	East Asia	Asia and Middle East	Oceania	Africa
May 2024	-9,3	-8,8	-31,5	-34,5	-12,9	-10,3	-11,8	-8,3
November 2023	-1,5	4,8	-27,3	-24,8	-4,3	-6,5	-6,6	0,9



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