

The role of state regulation in the development of the agro-industrial complex of the region (Kostanay region)

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Abstract: The purpose of the study is to analyze the system of state regulation measures for the agro-industrial complex of the Kostanay region and determine its role in ensuring sustainable development of the agro-industrial complex. **Methods.** The analysis of the main economic indicators of agricultural production of the Kostanay region, the types of subsidies for the agro-industrial complex of the region, state non-repayable support funds, targeted state financing. **Results.** It was revealed that to support the development of the agro-industrial complex over the years of independence, in Kazakhstan, a number of state and industry programs were adopted, on the basis of which state policy in this area was built. Today Kostanay region is one of the largest producers of agricultural products and makes a worthy contribution to ensuring food security of the country. In the republican gross grain harvest, the Kostanay region takes the 3rd place, in terms of the number of livestock and production of basic livestock products, the region occupies one of the leading places among the regions of the country. However, despite the positive dynamics of most industry development indicators, it is still far from achieving many of the goals set. One of the main instruments of state regulation of the agro-industrial complex of the region today is a system of direct payments to agricultural producers, or subsidies. Agriculture is subsidized today as an economic incentive for the development of its industries. **Scientific novelty** lies in assessing the effectiveness of the implementation of state programs for the development of the agro-industrial complex in relation to the Kostanay region of the Republic of Kazakhstan.

Keywords: government regulation, subsidy, development program, state non-refundable support, gross yield, yield, leasing, investment subsidy.

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Introduction

In modern economic conditions, the agro-industrial complex is the most important sector of the economy of Kazakhstan, which forms the country's food and economic security, and the degree of its development and the level of functioning efficiency largely determine the balance of the economy and the political situation in the country. The basic industry of the agro-industrial complex is agriculture, which has great potential and large reserves, and the diverse climatic conditions of Kazakhstan make it possible to grow almost all cultures of the temperate thermal zone and develop livestock. The specifics of this industry determines the need for its state support and state regulation.

State regulation of the agro-industrial complex is the most important direction of the country's agrarian policy and represents a system of measures of economic, organizational, legal regulation by authorities and management of organizations in agriculture, aimed at increasing the competitiveness of products in order to meet the needs of the population in agricultural products and ensure food security of the country [1].

Methods

The studies were carried out on the basis of statistical data on the volume and dynamics of the main economic indicators of agricultural production in the Kostanay region, types of subsidies for the agro-industrial complex of the region, means of state non-repayable support, targeted state financing. State programs for the development of the agro-industrial complex of the Republic of Kazakhstan, their implementation and effectiveness were also considered.

The basis for research is the use of analytical, monographic, abstract-logical methods, a comparison method.

Results

State regulation represents the economic impact of the state on the production, processing, sale of agricultural raw materials and agricultural products, on production and technical maintenance and material and technical support of producers [2].

According to the Law of the Republic of Kazakhstan “On state regulation of the development of the agro-industrial complex and rural territories” of July 8, 2005, the goals of state regulation of the development of the agro-industrial complex and rural territories are [3]:

- development of social and engineering infrastructure of rural areas and providing rural people with favorable living conditions;
- ensuring food security of the state;
- ensuring sustainable economic and social development of the agro-industrial complex and rural areas;
- creation of economic conditions for the production of competitive agricultural products and products of their processing;
- ensuring the development of organic production.

The policy of state regulation of development of the agro-industrial complex is implemented in the following forms:

- development of lending in the field of agriculture and rural areas;
- subsidizing the agricultural sector;
- carrying out purchasing and commodity interventions;
- Regulation of exports and imports of agricultural products;
- technical equipment of the agricultural sector;
- information and marketing support for the agro-industrial complex, etc.

To support the development of the agro-industrial complex over the years of independence, in Kazakhstan, state and industry programs were adopted, on the basis of which state policy was implemented in this area (fig. 1).

In 2017, the State Program for the Development of the Agro-Industrial Complex of the Republic of Kazakhstan for 2017–2021 was approved, the emphasis of which is on creating conditions for increasing the competitiveness of agribusi-

ness entities, which will provide domestic producers with the necessary state support in the competition within the framework of the Customs Union and the forthcoming accession to the WTO.

The main objectives of the State program: improving the efficiency of livestock and crop production; development of large-scale agricultural cooperation to create an effective system of marketing and processing of products; implementation of a targeted export policy and promotion of the Kazakhstani brand of organic products; involvement of more than 600 thousand hectares of irrigated land; improvement of state regulation of the agro-industrial complex.

Also, the Agribusiness 2020 Program is currently being implemented in the republic, which contains a whole range of financial and non-financial mechanisms to support the agricultural industry, in such areas as:

- financial recovery of agro-industrial complex entities through reduction of interest rates, subsidized interest payments, extension of loan repayment terms, provision of a grace period for repayment of the main debt, write-off of fines, penalties, past due remuneration, etc.;
- increasing the availability of goods, works and services for subjects of the agro-industrial complex by providing agricultural producers with wider access to the necessary raw materials and means;
- development of state systems to ensure the subjects of the agro-industrial complex through increasing phytosanitary and veterinary safety in order to ensure well-being in the field of livestock and crop production;

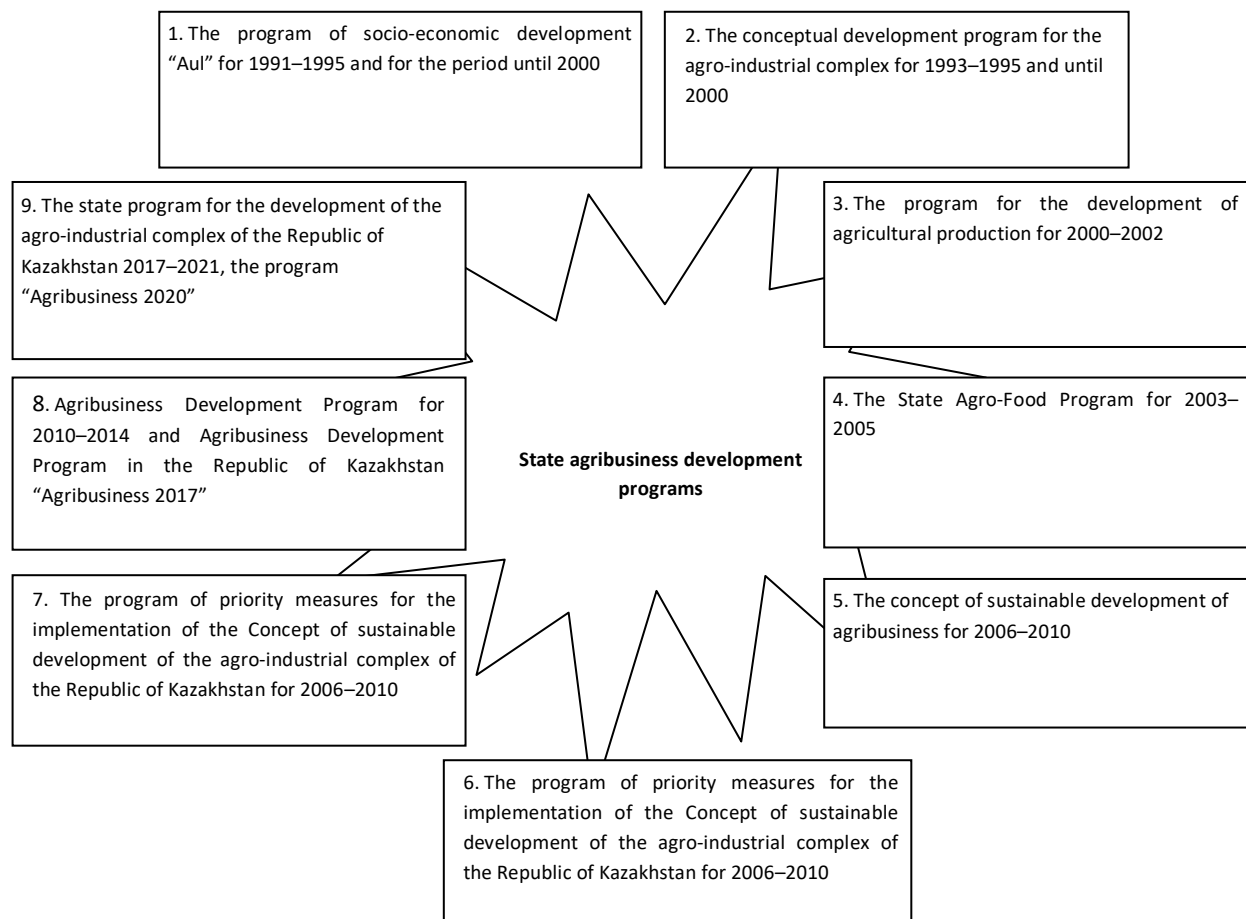


Fig. 1. State programs for the development of agro-industrial complex in Kazakhstan

– improving the efficiency of state regulation systems of the agro-industrial complex.

In order to improve the system of state support for the industry in 2006, the National Holding KazAgro was established. The holding's activities cover the implementation of state policy in the field of food supply, loan, insurance of agricultural enterprises, development of agricultural markets, rural development, etc.

The holding includes: National Company Food Contract Corporation JSC, Mal onimderi corporations JSC, KazAgroFinance JSC, Agrarian Credit Corporation JSC, Fund for Financial Support for Agriculture JSC, KazAgroGarant JSC, Kazagromarketing JSC.

The innovative development of agriculture, its scientific, technical and engineering support is supported by the state-owned company KazAgroInnovation, which unites agricultural research organizations, including in the field of grain farming, animal husbandry, food industry, forestry, agriculture, crop production, fisheries, agricultural mechanization, agribusiness economics.

Kostanay region is one of the largest producers of agricultural products and makes a worthy contribution to ensuring the country's food security.

In the republican gross grain harvest, the Kostanay region takes 3rd place. As of January 1, 2019, there are 6692 agricultural organizations in the region, including: 6 joint-stock companies, 714 limited liability partnerships and 5972 peasant farms. To meet the needs of peasant farms in financing and their development in the region, 17 rural loan partnerships (RLP) were created. The number of participants is 646. Since the beginning of the work of RLP, credit funds have been issued – 47049.5 million tenge, including in 2018 5278 loans worth 7457.7 million tenge were issued.

Grain production is a priority in the development of agriculture in the region; in 2018, it amounted to 81 % of the gross crop production. Of the 5.1 million hectares of sown area, 4.1

million hectares are allocated for grain crops, of which 72 % is wheat.

Consider the main economic indicators of agricultural production of the Kostanay region for 2014–2018 (table 1).

Having examined the data for the study period, we can say that the agricultural production of the region shows a steady growth trend. Gross agricultural output increased by 45 % in 2018 compared with 2014, gross crop production for the study period shows an increase of 48 %, livestock production 40%. Sown areas for the study period increased slightly by 1 %, and amounted to 5143.3 thousand hectares at the end of 2018, but compared with 2016, there was an increase of 53.8 thousand hectares. The structure of sown areas for the period 2013–2017 remains virtually unchanged, on average 81 % is occupied by grain crops, however, the diversification of the structure of sown areas continues, the crops of vegetable, oilseeds, and fodder crops increase. In 2018, the area under oilseeds amounted to 429.5 thousand ha, which is 154.3 thousand ha more than in 2016, the area under potatoes increased by 0.3 thousand ha, and under vegetables increased by 0.1 thousand ha. Sown areas of wheat decreased slightly by 1 % compared with 2014, compared with the previous year by 3 %.

The yield of grain and leguminous crops also shows a growth trend in 2018 by 17 %, the average yield for the analyzed period was 11.2 c/ha, yield fluctuations are insignificant, which indicates the stability of the grain production in the region.

The region is actively developing water-saving technology, introducing minimal and zero tillage, with the widespread use of mineral fertilizers and continuous herbicides. In 2016–2018, using innovative technology, more than 4 million hectares were sown, or 95 % of the total grain area.

Livestock production shows a slight increase over the study period – the number of cattle increased by 9.6 %, the average milk yield per cow increased by 2.5 %. The average milk yield per cow in the republic in 2018 amounted to 2210 kg, in

*Table 1
The main economic indicators of agricultural production of the Kostanay region*

<i>Indicators</i>	<i>2014</i>	<i>2015</i>	<i>2016</i>	<i>2017</i>	<i>2018</i>	<i>Growthrate,%</i>
<i>Gross output of agricultural products (services) in current prices, mln tenge</i>	266 885.9	294 608.2	319 037.7	362 242.8	386 655.6	145
<i>Gross crop production, mln tenge</i>	180 295.1	203 579.1	217 597.2	253 319.8	267 236.2	148
<i>Gross livestock production mln tenge</i>	84 366.2	88 469.1	98 451.4	106 212	118 188.5	140
<i>Index of physical volume of gross agricultural output (services), as a percentage of the previous year</i>	99.4	107.0	100.3	103.5	101.8	102
<i>Sown area, thousand hectares, including</i>	5 086.2	5 088.0	5 143.3	5 197.1	5 143.3	101
<i>Cereal</i>	4 109.3	4 018.8	4 213.9	4193	4 066.1	99
<i>Productivity of grain and leguminous crops, t/ha</i>	9.9	11.4	10.8	12.5	11.6	117
<i>The number of cattle, goals</i>	415 467	420 747	427 030	440 720	455 166	109.6
<i>The average milk yield per dairy cow, kg</i>	2 733	2 718	2 728	2784	2804	102.5
<i>Average live weight of one head of cattle slaughtered on the farm or sold for slaughter, kg</i>	318	309	313	317	315	99
<i>Labor productivity, thousand tenge per 1 person</i>	986.2	979.5	1 080.3	1 315.1	1 711.1	173.5
<i>Profitability (loss-making) of agricultural production, total, %</i>	28.5	44.1	53.6	55.8	62.5	2.2p.
<i>Crop production, %</i>	33.3	54.6	64.1	66.4	69.7	2.1 p.
<i>Livestock, %</i>	15.0	7.2	16.4	17.1	17.8	119

Source: Committee on Statistics of the Republic of Kazakhstan: Internet resource: <https://stat.gov.kz>.

the region 2804 kg, which indicates an increase in livestock productivity in the region. In 2018, milk production increased by 50.4 thousand tons compared to 2014.

In general, the profitability of agricultural production in the region increased over the period 2014–2018 by 2.2 times, including in crop production 2.1 times, in livestock production by 19 %. Labor productivity over the study period increased by 73.5 %. It can be noted that over the past few years, thanks to increased government attention to agricultural producers, it has been possible to stabilize the situation in the industry.

However, despite the positive dynamics of most industry development indicators, it is still far from achieving many of the goals set. The industry has the following problems:

- insufficient rate of diversification of sown areas of agricultural crops (spring wheat is still a monoculture);
- irrational use of agricultural land;
- non-compliance with the recommended scientifically based crop rotation;
- insufficient development of seed production;
- insufficient use by agricultural producers of chemicals (fertilizers, pesticides, etc.);
- low level of technical and technological equipment of agricultural producers;
- low productivity of farm animals and poultry;
- incomplete coverage of farm animals with veterinary preventive measures, etc.

It is impossible to solve these problems without state support. State regulation of the agricultural sector in the region is carried out in accordance with the Program for the Development of the Agro-Industrial Complex of the Republic of Kazakhstan for 2017–2021 and with the Kostanay Region Territory Development Program for 2016–2020.

The implementation of the activities of the Kostanay Region Territory Development Program in the agro-industrial complex in 2018 allowed to increase all the main indicators of the agricultural industry development. In the coming de-

acades, the global demand for food will only increase, so the further development of the agro-industrial complex of the region should be aimed at increasing agricultural production and increasing its profitability.

The successes achieved in the agricultural production of the region became possible thanks to the annual state support.

One of the main tools of state regulation of the agro-industrial complex of the region today is a system of direct payments to agricultural producers, or subsidies. Agriculture is subsidized today as an economic incentive for the development of its industries.

The dynamics of subsidizing the agricultural industry of the Kostanay region by industry for the period 2014–2018 is shown in fig. 2.

Subsidy tools in animal husbandry are aimed at reducing the cost of acquired pedigree animals, the costs of breeding, artificial insemination of farm animals, and cheapening the cost of livestock production.

In crop production, the cost of mineral fertilizers, herbicides, bioagents and biological products, seeds, fuel and lubricants and other inventory items is subsidized.

The amount of subsidies for the development of agriculture in the region increased over the period 2014–2018 by 13 880 million tenge and amounted to 29 597 million tenge at the end of 2018. Subsidies for livestock production increased by 67 % or by 2.386 million tenge for the analyzed period, crop production decreased by 17.3 %, which is due to a fairly steady growth in this industry compared to animal husbandry. Subsidies to other areas (processing and procurement enterprises, budget lending, interest rate subsidies) increased 9.8 times. Such an increase in direct support for the agricultural production of the region undoubtedly influenced the growth of its profitability in 2018.

Consider the development of subsidies in the context of agricultural programs of the region (table 2).

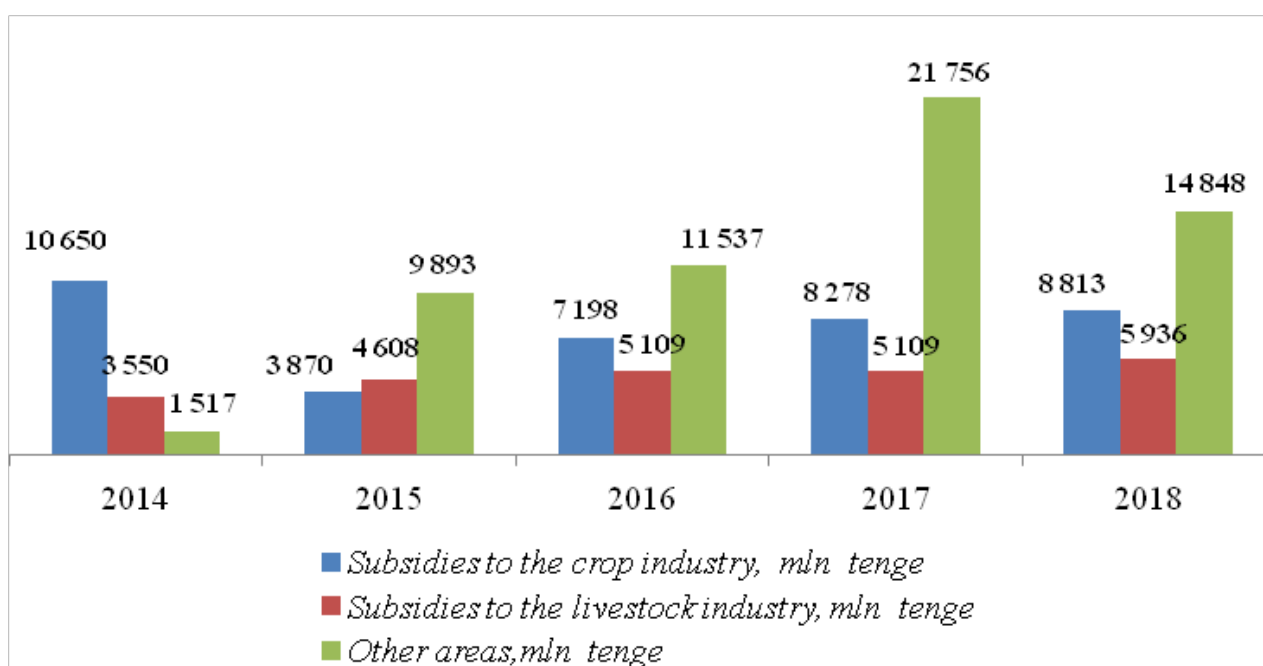


Fig. 2. Dynamics of agricultural subsidies in the Kostanay region

Table 2

Subsidizing the priority areas of the agro-industrial complex to support agriculture in the Kostanay region, mln tenge

Indicators	2015	2016	2017	2018	The proportion of the article in the structure of expenses, %	
					2015	2017
Crop production, total:	3 870	7 198	8 278	8 813	21.2	29.7
1. Cheaper cost of herbicides	2 850	6 361	6 299	5 899	15.5	19.9
2. Subsidizing the cost of mineral fertilizers	396	514	956	1 677	2.2	5.6
3. Seed support	624	323	1 023	1 237	3.3	4.2
Livestock, including:	4 608	5 109	5 109	5 936	25	20.1
Subsidizing the development of livestock breeding, increasing the productivity and quality of livestock products	4 608	5 109	5 109	5 936	25	20.1
Other directions:	9 893	11 537	21 756	14 848	53.8	50.2
Processing subsidies	384	385	540	519	2.1	1.6
Investment subsidy	356	2 341	13 376	3 451	1.9	11.7
Interest rate subsidies for financial recovery	0	3 405	2 065	2 527	0	8.6
Other programs (subsidizing interest rates on loans and leasing, VAT refunds, productive employment, etc.)	9 153	5 406	5 775	8 351	49.8	28.3
Total	18 371	23 844	35 143	29 597	100	100

Source: Ministry of Agriculture of the Republic of Kazakhstan, Internet resource: <https://moa.gov.kz/ru>.

Table 3

Budgetary investments for the development of agriculture and rural territories of the Kostanay region, 2003–2018*

Year	Total, mln tenge	State irrevocable support		Leasing of agricultural machinery and equipment through Kazagro-finance JSC		Podkorporatsiya JSC	JSC Agrarian Credit Corporation	Other
		Total	Including subsidies	Total	Including JSC funds			
2003	2 663.2	1 521.1	456.3	144.3	0	0	47.8	950
2004	3 167.9	1 440.8	449	708.4	250	0	263.8	754.9
2005	6 285.4	1 527.2	543.7	2 553.5	1 391.8	0	655.5	1 549.2
2006	13 997.5	2 957.3	2 103.6	2 984.3	1 345.1	5 697.9	2 233	125
2007	22 117.8	4 227.5	3 269.4	6 646	4 639.6	7 614.3	2 592.6	1 037.4
2008	28 296.6	6 187.8	5 194.5	5 947.5	4 259.6	11 082.2	4 370.7	708.4
2009	58 712.6	6 328.9	5 292.4	5 491.5	4 711.1	39 989.8	6 665.7	236.7
2010	25 761.2	6 770	5 303.3	1 847.7	1 145.1	13 697.6	3 445.9	0
2011	163 471.1	8 862.5	7 182.3	5 553.3	4 111.4	148 881.7	173.6	0
2012	34 818.6	10 729.7	9 995.7	8 376.9	6 859	7 378	8 334	0
2013	22 568.4	11 820.7	10 635.5	4 899.2	4 200.1	4 148.6	1 699.9	0
2014	31 920.6	19 143.7	15 717.6	4 688.6	4 282.6	5 094.3	2 994	0
2015	36 326.1	20 929.3	18 370.5	6 064.9	5 188.8	6 482.4	2 849.5	0
2016	40 653.7	25 114.3	23 844.1	6 395.4	6 216.4	6 222.2	2 921.8	0
2017	55 872.5	37 297.3	35 143.3	2 758.2	2 758.2	379	6 299	9 139
2018	59 996.2	27 808.5	25 577.0	6 522.3	5 760.0	11 210.3	4 601.1	9 854
Total allocated	606 629.4	192 666.6	169 078.2	71 582	57 118.8	267 878.3	50 148	24 354.6
Total mastered	606 629.4	192 666.6	169 078.2	71 582	57 118.8	267 878.3	50 148	24 354.6

*Compiled on the basis of data from the Department of Agriculture of the Kostanay region.

In 2018, 29 597 million tenge was allocated and disbursed for the development of agriculture in the region, in 2019 it is planned to develop 29 789 million tenge. The structure of the allocated subsidies in the context of programs in 2018 was as follows: 29.7 % of subsidies were directed to the crop sector, 20.1 % to livestock, 50.2 % of the allocated subsidies were directed to other areas. In absolute terms, subsidizing of other ar-

eas increased compared to 2015 by KZT 4955 million, which indicates an expansion of state support for investment costs of agricultural producers, interest rate subsidies in the framework of financial recovery.

The results of solid cash injections into the industry are already visible. The farms of the region are fully provided with conditioned seeds, which is 552 thousand tons. Work is under-

way to improve the soil; in 2018, 25 thousand tons of mineral fertilizers were introduced.

To support the increase in crop yields, to partially reduce the cost of mineral fertilizers, 1677 million tenge was allocated from the republican budget in 2018, which is 1281 million tenge more than in 2015.

In 2018, subsidies amounting to 1237 million tenge were allocated from the republican budget for the development of seed production (which is 98 % more than in 2015).

The measures taken by the state to strengthen the livestock sector also yielded positive results. In general, in 2014–2018 the number of livestock increased, the volume of livestock production increased. In the Kostanay region, the implementation of the adopted sectoral programs made it possible to increase the share of cattle in agricultural enterprises to 47 % (18 % in 2012) and increase the number of breeding animals to 17 % of the cattle.

However, it should be noted that the tasks arising from the state agribusiness development program for 2017–2021 require completely different approaches and achieve higher indicators. The analysis of the livestock production in the region shows that, despite solid financial injections, the industry is developing very slowly, and in some areas there has been an unjustified decline [4].

Another relevant problem in the livestock industry is small-scale production, concentration of livestock production in personal subsidiary plots. It is impossible to solve this problem without financial support from the state. To date, in the Kostanay region there are 18 family farms for raising cattle and poultry, 9 large farms and 12 milk collection points.

By 2022, as part of the implementation of the state program for the development of livestock production in the region, it is planned to increase the number of family farms to 60, large farms to 14, milk collection points to 18 units.

In 2018, in the agro-industrial complex of the region, on the basis of public-private partnerships, 11 investment projects worth 5.9 billion tenge were put into operation, with the creation of 325 jobs. The main ones: Torgay ET LLP – Arkalyk Meat Processing Complex, worth 2000 million tenge, with the creation of 120 jobs; Milk LLP – “construction of a dairy processing plant” worth 1,320 million tenge, with the creation of 70 jobs; AGRO-BIO-AULIEKOL LLP – “construction of a feed mill in Auliekol district”, worth 320 million tenge, with the creation of 51 jobs [7].

Improving the effectiveness of state support measures for the agro-industrial complex is one of the directions of the agro-industrial complex development map developed by the Ministry of Agriculture in order to improve the state support system for the industry as part of the implementation of the state agro-industrial complex development program for 2017–2021. Since the beginning of 2017, all 65 types of subsidies have been reviewed to increase subsidies to the agro-industrial complex and increase the coverage by state support measures of agribusiness entities [5].

The analysis showed the low efficiency of hectare subsidies for priority agricultural crops and gardens. Firstly, this subsidizing mechanism does not stimulate agricultural producers to increase the level of agricultural technologies, productivity and quality of manufactured products; secondly, often hect-

are subsidy decisions are made by members of the interagency commission without actually checking the availability of crops; thirdly, agricultural producers overestimate the volume of work performed (crop area).

Since 2017, the following changes to the subsidy system have been introduced:

- the preferential transition from subsidizing in relative terms, as a percentage of the cost of goods, works and services, to subsidizing in absolute terms, in value terms;
- optimization of the timing of subsidies in accordance with the timing of technological processes in the industry;
- priority subsidies for the following priorities: import substitution, export orientation, other areas; upon reaching the indicator of ensuring domestic consumption, the level of subsidies will decrease;
- the transition from subsidizing interest rates to subsidizing investment costs in order to avoid the accumulation of long-term obligations of the state, excluding subsidizing rates of interest on loans for working capital replenishment with a loan term of up to one year [6].

In order to increase the competitiveness of agricultural production, state support is needed for the program for the purchase of agricultural machinery, agricultural machinery and other equipment for leasing, the expansion of the market for leasing services and investment in domestic agricultural machinery, as well as obtaining credit resources on favorable terms, and the expansion of the purchase of grain of Podkorporatsiya JSC.

Thus, according to the Agro-Industrial Complex Program for 2013–2020 (Agribusiness 2020), starting in 2013, a new direction of state support for agricultural producers was the financial rehabilitation of enterprises, which is carried out, inter alia, by subsidizing part of the interest rate on contracts concluded for leasing agricultural machinery. According to the results of 2016, the structure of the leasing portfolio reflects the market situation and imbalances in the market structure – the share of leasing of agricultural machinery is 68.3%, in 2018 - 69.3% [8].

Consider the dynamics and amount of funds allocated by the state for the development of agriculture and rural territories of the Kostanay region (table 3).

In total for the period 2003–2018, the state allocated and mastered 606.6 billion tenge for the development of agriculture in the region.

State non-refundable support, 87.7 % of which is subsidies, has grown 18.3 times over the reporting period and amounted to only 192.6 billion tenge.

Leasing of agricultural machinery and equipment shows a 45-fold increase over the period 2003–2018, which indicates an increase in the technological renewal of the machine and tractor fleet of agricultural enterprises in the region. It should be noted that in 2017 the share of agricultural machinery with a service life of more than 15 years in the region was 79 % (with an average depreciation period of agricultural machinery of 10–12 years). Thus, the technological modernization of agricultural enterprises of the region, which will replace low-productivity and labor-intensive equipment with more modern and efficient, is impossible without state funding. So, in 2018, the agro-industrial complex of the region acquired: 187 trac-

tors, 210 combines, 58 sowing complexes and 400 units of other agricultural machinery, including 216 units worth 4747.1 million tenge transferred through leasing through KazAgroFinance JSC [7].

Discussion and Conclusion

So, it can be noted that today state regulation is an integral element of the strategic development of the agricultural industry of the Kostanay region.

The development of the agricultural sector of the region requires strategic planning for the long term, and in this regard, it is necessary to highlight the main directions and goals of state regulation for 2019–2021:

1) the involvement of small and medium-sized farms in agricultural cooperation, which will help to reduce the costs of agricultural producers in the region in the production and sale of products, the balanced development of agriculture and in general;

2) expansion of financial measures of state support – leasing of agricultural machinery and equipment, investment subsidizing of costs for the purchase of agricultural machinery and equipment, subsidizing interest rates for lending to agribusiness entities, as well as simplifying the procedures for granting loans and leasing under the terms of subsidiaries of Kazagro NMH JSC;

3) increasing the effectiveness of the subsidy system by:

- phased implementation of an automated system for reviewing all applications for subsidies, monitoring and consolidating data on recipients;
- the transition from subsidizing certain types of costs to a policy of comprehensive subsidizing of an enterprise based on its production indicators and monitoring the effectiveness of paid subsidies;
- reducing the types of subsidies issued and documents requested from agribusiness entities;
- improving the mechanism of budget financing of spring field and harvesting, in order to provide agricultural producers with the opportunity to sell crops during the season of higher prices.

Changes in the rules of subsidies are caused by the modernization of the industry and the introduction of new approaches to the development of agriculture, which were approved by the Government and formed the basis for changes and additions to the State Program for the Development of the Agricultural Complex for 2017–2021 [12];

4) the development of foreign trade through the provision of agribusiness entities with open industry data on sales markets on the websites of the Ministry of Agriculture of the Republic of Kazakhstan, JSC National Management Holding Kazagro, as well as the provision of marketing services from the service centers of entrepreneurs, National Chamber of Entrepreneurs of the Republic of Kazakhstan Atameken.

References

1. Bapov R. U., Nukesheva A. Zh. Mekhanizmy gosudarstvennogo regulirovaniya agropromyshlennogo kompleksa Respubliki Kazakhstan [Mechanisms of state regulation of the agro-industrial complex of the Republic of Kazakhstan] [e-resource] // Studencheskiy: elektronnyinauchnyy zhurnal. 2019. No. 5 (49). URL: <https://sibac.info/journal/student/49/131731.v> (appeal date: 22.11.2019). (In Russian.)
2. Regional'naya ekonomika [Regional Economics] / Ed. by N. G. Kuznetsov, S. G. Tyaglov. Rostov-on-Don: Feniks, 2001. 320 p. (In Russian.)
3. St. 9 ZRK "O gosudarstvennom regulirovanii razvitiya APK" ot 8 iyulya 2005 goda No. 66 [Art. 9 of the law of the Republic of Kazakhstan "About state regulation of the development of the agro-industrial complex" of July 8, 2005 No. 66] [e-resource] // Zakonodatel'stvo Respubliki Kazakhstan. URL: http://kodeksy-kz.com/ka/o_gos_regulirovanii_ (appeal date: 10.11.2019). (In Russian.)
4. Tomilin A. Kazakhstan: Zhivotnovodstvo v Kostanayskoy oblasti razvivayetsya medlenno [Kazakhstan: Livestock in the Kostanay region is developing slowly] [e-resource]. URL: <https://kazakh-zerno.net/129624-kazakhstan> (appeal date: 24.11.2019). (In Russian.)
5. Mustafina M. Subsidii zhdu agrariyev [Subsidies await farmers] [e-resource] // Liter.kz – Novosti Kazakhstana. URL: <https://liter.kz/ru/articles/show/> (appeal date: 10.12.2019). (In Russian.)
6. Gosudarstvennaya programma razvitiya agropromyshlennogo kompleksa RK na 2017–2021 gody [State program for the development of the agricultural sector of the Republic of Kazakhstan for 2017–2021] [e-resource] // Ofitsial'nyy sayt Ministerstva sel'skogo khozyaystva Respubliki Kazakhstan. URL: <http://mgov.kz> (appeal date: 16.12.2019). (In Russian.)
7. Programma razvitiya territorii Kostanayskoy oblasti na 2016–2020 gody [The program for the development of the territory of the Kostanay region for 2016–2020] [e-resource] // Ofitsial'nyy sayt Akimata Kostanayskoy oblasti. URL: <http://kostanay.gov.kz/analitika/selskoe-khozyaystvo> (appeal date: 24.12.2019). (In Russian.)
8. Dyuzelbayeva G. M., Malyarenko O. I. Rol' lizinga v tekhnologicheskoy razvitiy agropromyshlennogo kompleksa Kazakhstana [The role of leasing in the technological development of the agro-industrial complex of Kazakhstan] // Agrarian Bulletin of the Urals. 2018. No. 4 (171). Pp. 69–77. (In Russian.)
9. Kudryayeva L. A., Poteshkina L. G. Rol' gosudarstvennogo regulirovaniya v innovatsionnom razvitiy regional'nogo APK [The role of state regulation in the innovative development of regional agribusiness] [e-resource] // Ogarev-online. 2014. No. 16. URL: <http://journal.mrsu.ru/arts/rol-gosudarstvennogo-regulirovaniya-v-innovatsionnom-razvitiy-regionalnogo-apk-2> (appeal date 12.01.2020). (In Russian.)
10. Vasilyev V. P. Gosudarstvennoye regulirovaniye ekonomiki: uchebnik I praktikum dlya vuzov [State regulation of the economy: textbook and workshop for universities]. 4th ed., revised. and add. Moscow: Izdatel'stvo Yurayt, 2019. 178 p. (In Russian.)

11. Ekonomika predpriyatiy agropromyshlennogo kompleksa: uchebnik dlya akademicheskogo bakalavriata [Economics of agricultural enterprises: a textbook for academic undergraduate] / R. G. Akhmetov [et al.]; ed. by R. G. Akhmetov. Moscow: Izdatel'stvo Yurayt, 2019. 431 p. (In Russian.)

12. V MSKh obsudili proyekt izmeneniy pravil subsidirovaniya agrariyev [The Ministry of Agriculture discussed the draft amendments to the rules for subsidizing farmers] [e-resource] // Ministerstvo sel'skogo khozyaystva Respubliki Kazakhstan. URL: <https://moa.gov.kz/ru/post/695> (appeal date: 15. 01.2020). (In Russian.)

13. Otchet o realizatsii Gosudarstvennoy programmy razvitiya agropromyshlennogo kompleksa Respubliki Kazakhstan na 2017–2021 gody [Report on the implementation of the State Program for the Development of the Agro-Industrial Complex of the Republic of Kazakhstan for 2017–2021] [e-resource] // Ministerstvo sel'skogo khozyaystva Respubliki Kazakhstan. https://moa.gov.kz/documents/1553679239817_ru.pdf (appeal date: 14.01.2020). (In Russian.)

14. Kenzhebayeva Z. S., Primzhanova K. K., Beymbetova A. E. Zarubezhnyy opyt gosudarstvennogo regulirovaniya APK [Foreign experience of state regulation of agribusiness] // Eurasian Union of Scientists. 2015. No. 05 (14). Pp. 101–105. (In Russian.)

15. Karpyshyn Yu. V. The Features of Regulation of Activities of Agriholdings in the Context of Agrarian Policy of Ukraine // Biznes Inform. 2018. No. 4 (483). Pp. 177–183.

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