
ANALYSIS OF INSECTICIDES AND ACARICIDES USED IN THE TERRITORY OF THE REPUBLIC OF UZBEKISTAN

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Summary. This article presents the results of content analysis of the distribution of insecticides and acaricides available in the veterinary pharmaceutical market of Uzbekistan among the producing countries, the main active ingredient, and the form of production.

Key words: Pesticides, Insecticide, acaricide, Additives, defoliants, content analysis, acetamiprid, imidacloprid, emamectin, cypermethrin,

Аннотация. В данной статье представлены результаты контент-анализа распределения имеющихся на ветеринарно-фармацевтическом рынке Узбекистана инсектицидов и акарицидов по странам-производителям, основному действующему веществу и форме выпуска.

Ключевые слова: Пестициды, Инсектициды, акарициды, Добавки, дефолианты, контент-анализ, ацетамиприд, имидаклоприд, эмамектин, циперметрин,

Anotatsiya. Ushbu maqolada O'zbekiston veterinariya farmatsevtikasi bozorida mavjud insektitsidlar va akaritsidlar bozoriga kirib kelish dinamikasining ishlab chiqaruvchi davlatlar orasidagi taqsimoti, asosiy taʼsir etuvchi moddasi, ishlab chiqarilish shakli kabi koʻrsatkichlari orqali kontent tahlili natijalari keltirilgan.

Kalit soʻzlar: Pestitsidlar, Insektitsid, akaritsid, Qoʻshimchalar, defoliantlar, kontent tahlili, asetamiprid, imidakloprid, emamektin, sipermetrin,

Introduction. Special tools for the preparation and production of veterinary, agriculture and industry are treated, plants, animal and industrial buildings from pest to organisms, prevention caused by animals, require determination of insecticides and acarences. 1].

Insecticides (Latin Insuit - insect and coeff) are made up of killing pharmacological substances. Acaracides (I Coordus- Kania, Coordic) - Articles used to kill cans. Pesticides (Pest - losing, I can coexist). Most of the green insects grasps people and animals are harming. They are carriers of people who are infectious and invasive diseases. Many insects are bothering people and animals [2,3]. When poisonous insects bites, there is an inflammation that occurs, and even death can occur. As a result of a strong disturbance of animals, productivity and durability decrease. Many of them break the skin integrity and deteriorate the quality of their sanitation and the quality of milk and meat is also reduced. For

example: cattle are in the disease of beach. The increase in the number of food and agriculture in the use of insecticides and the safety of art and agriculture contaminated by insecticides and ackecticides will often be able to often encourage sharp and chronic poisoning [4].

The purpose of the work. Taking into account the toxicides, which are a certain part of the veterinary pharmaceutical market , conducting analysis of these drugs in the market of veterinary pharmaceutical pharmacy.

Materials and methods. Recommendation for the use of agricultural use in the veterinary and biological insects in the veterinary and blood supply insects, vegetable pests and blood pests, vegetable pests, and blood pests, diseases and weeds The number of animals, the integral list of the chemical and biological tools of plants, their effective and cognizant use is the basic criteria and standards of efficient and harmful. A content analysis of the veterinary medicine used on the website of the veterinary and Livesting Development, veterinary drugs, nutrients, nutrients, and content analysis of ackaricides used in the market of Uzbek scientific and treating the veterinary pharmaceutical market [5] .

Results and their analysis. At the same time, it was found that the list of the 2022 was registered in the field of 59 veterinary media in the territory of 59 in the territory of Uzbekistan. 39 foreign manufacturers and 15 foreign manufacturers and 15 CIS countries in the range of 59 drugs (66%) in the range of these chemicals were found to have the CIS producers, 5 (9%) local producers. The most Chinese (29%), followed by India (22%), Ukraine (13.5%), and other countries, were taken by the states.

The research next stage of the study was made analysis of insecticides and akaricides according to the drug form of drugs. This article shows that as a result of the drug analysis of insecticides and accretions according to the drug formation, it is 28.8% solution. Next place, the solution for injection was 20.3%, an emulsion of 16.9%, powders and suspensions were occupied by the forms of drugs.



Austria	1,6%	Jordan	5.0%	Saudia	1,6%	France	3,3%
Czech	1,6%	India	22,0%	Uzbekistan	9,0%	China	29,0%
Belarus	1,6%	Russia	10,2%	Ukraine	13,5%	Netherlands	1.6%

Insecticides and Akaricides Analysis of the main influential articles were studied. The results of the analysis show that it is the tools of different parts of 15 tools, which are medicines that contain the most Ivetace substance, which are 23.7%. The next places are occupied by sipermetin, Diazin, Fiprolin, Sphatics and other insecticides and artistides.

Conclusion. The results are made in the veterinary insecticides and a drug in the veterinary pharmaceutical market for 29% of them in China. Their share in the country was 9%. These drugs were available in the market in the form of 10 different drugs, and their largest share was dissolved medicinal. The analysis was determined in analysis that the most Ivetemain substance medications in the analysis of the main influential drugs.

References

1. Yu. Salimov, F.S. Jalilov, K.B. Hamzayev, M.B. Safarov. "Veterinariya farmakologiyasi" fani bo'yicha o'quv uslubiy majmua, Toshkent-2022
2. М.Б. Сафаров; Ф.С. Жалилов; Н.Н. Аббосов; Р.Қ. Нормаматов. Ўзбекистон қишлоқ хўжалигида ишлатиладиган инсектицидлар ва акарицидлар ва уларининг қўлланилиш шакллари. *Yosh Tadqiqotchi Jurnal*. 2, 3 (May 2023), 36–41.
3. Yu. Salimov, F.S. Jalilov, K.B. Hamzayev, M.B. Safarov. "Veterinariya farmakologiyasi va toksikologiyasi" fani bo'yicha o'quv uslubiy majmua, Toshkent-2022
4. M. B. Safarov, N. N. Abbosov, G. A. Mengliyev, K. B. Hamzaev, M. E. G'oyipova F. S. Jalilov, L. T. Pulatova. O'zbekiston bozorida o'simliklar himoyasi uchun ishlatiladigan insektitsidlar va akaritsidlarning assortiment Tahlili. //International journal of agrobiotechnology and veterinary medicine jurnali 2022/12/26 Tom 2 B. 26-31.
5. M.Safarov, F.Jalilov, G.Mengliyev, N.Abbosov I.Ikromov O'zbekiston veterinariya farmatsevtikasida ishlatiladigan insektitsidlar va akaritsidlarning content tahlili //AGRO ILIM jurnali maxsus son (2) [93], 2023
6. <http://gnkc.uz/>

Additional literature

7. Maxamadaliyeva, M. U., Abduhalilova, G. I., & Xojaxonov, S. I. (2023). BRUTSELLYOZ VA UNING LABORATORIYA DIAGNOSTIKASI. INNOVATIVE DEVELOPMENTS AND RESEARCH IN EDUCATION, 2(15), 41-47.

8. Худжамшукуров, А. Н. (2021). ТОВУҚ АСКАРИДИОЗИДА АСКАЗИН АНТИГЕЛЬМИНТИГИНИ ҚЎЛЛАШ НАТИЖАЛАРИ. *Интернаука*, (8-3), 44-46.
9. G'oyirova, M. T. E., Xo'jaxonov, S., & Avliyoqulov, M. (2022). VETERINARIYA SOHASINING SHORVACHILIKNI RIVOJLANTIRISHDAGI O'RNINI VA TAMOYILLARI. *Journal of Integrated Education and Research*, 1(4), 238-240.
10. Oglu, K. S. I., Zayniddinovich, Z. R., & Oglu, R. J. K. (2022). Review of the literature on sepsis in calves and measures to prevent it.
11. Davlatov, R. (2021). ПАРРАНДАЧИЛИК ХЎЖАЛИКЛАРИДА КОЛИБАКТЕРЁЗ КАСАЛЛИГИНИ ОЛДИНИ ОЛИШДА ЭНРОФЛОКС-10% НИНГ САМАРАДОРЛИГИ. *Scienceweb academic papers collection*.
12. Davlatov, R. (2021). Эффективность ENROVIT-О при химической профилактике колибактериоза цыпля. *Scienceweb academic papers collection*.
13. Davlatov, R. (2021). Товуқ эймериозининг кимёпрофилактикасида эймериостатикларнинг самарадорлиги. *Scienceweb academic papers collection*.
14. Abduhalilova, G. I., Makhamadaliyeva, M. U., & Khojakhanov, S. I. (2023). FISH BRANCHIOMYCOSIS PREVENTION MEASURES. *International Bulletin of Applied Science and Technology*, 3(4), 247-252.
15. Berdiyevich, D. R. (2023). METHODS OF DIAGNOSIS OF CHICKEN COLIBACTERIOSIS. *AGROBIOTEKNOLOGIYA VA VETERINARIYA TIBBIYOTI ILMIY JURNALI*, 2(4), 9-13.
16. Ganiyev, S. S., & Hojaxonov, S. I. (2023). VETERINARIYA LABORATORIYALARIDA SUTNI VETERINARIYA SANITARIYA EKSPERTIZADAN O'TKAZISH TALABLARI. *Scientific Impulse*, 1(8), 586-592.
17. Davlatov, R. (2021). Товуқ колибактериозининг кимёвий профилактикасида антибиотикларнинг самарадорлиги. *Scienceweb academic papers collection*.
18. Davlatov, R. (2021). Бройлер жўжаларида айрим антибиотикларнинг самарадорлик кўрсаткичлари. *Scienceweb academic papers collection*.
19. Ibrohimov, U. D., Maxamadaliyeva, M. U., & Hojaxonov, S. I. (2023). OTLARDA OSHQOZONICHAQ TIZIMI PATOLOGIYASI. *AGROBIOTEKNOLOGIYA VA VETERINARIYA TIBBIYOTI ILMIY JURNALI*, 2(4), 32-39.
20. Ganiyev, S. S. (2023). VETERINARIYA SANITARIYA EKSPERTIZASI LABORATORIYALARIDA SHAKAR ASALI HAMDA SHAKAR QOSHILGAN ASAL MAHSULOTLARINI ANIQLASH. *AGROBIOTEKNOLOGIYA VA VETERINARIYA TIBBIYOTI ILMIY JURNALI*, 2(4), 66-69.

21. Hojaxonov, S., Hojaxonova, M., & Davlatov, R. (2023). TOVUQ EYMERIOZINING KIMYOPROFILAKTIKASIDA SAMARALI EYMERIOSTATIKLARNI ANIQLASH. Евразийский журнал медицинских и естественных наук, 3(4 Part 2), 75-78.
22. Davlatov, R. (2023). TO DETERMINE THE EFFECTIVENESS OF ANTIBIOTICS IN PREVENTING CHICKEN COLIBACTERIOSIS BASED ON EXPERIMENTS. Scienceweb academic papers collection.
23. Ho'jaxonov, S., Ho'jaxonova, M., & Davlatov, R. (2023). PARRANDACHILIK XO 'JALIKLARIDA YUQUMLI KASALLIKLARNI OLDINI OLISH CHORA TADBIRLARI. Евразийский журнал медицинских и естественных наук, 3(5), 77-84.
24. БУЗИЛИШЛАРИ, Ё. Улуков Бехзод Каромат ўғли магистранти, Хўжахонов Шохрузхон Идирисхўжа ўғли магистранти, Жуманазарова Мадина Қахрамон қизи.