

## **About the Defoliant Ento Defol and its Effects on Plants and Living Organisms**

**Kiyamov Ikhtiyor**

Department of Clinical Pharmacology, Samarkand State Medical University

**Abstract:** Avguron Extra penetrates the leaves of the plant within 12 hours. The first signs of effect (decrease in the intensity of leaf color and falling of individual leaves) appear on the 2-4th day after treatment. The drug stimulates the formation of a separating layer of cells. As a result, the leaves turn green and do not dry out. It eliminates the contamination of cotton raw materials during harvesting, as there are no dried leaves left on the bushes. Avguron Extra also prevents the regrowth of leaves. The drug accelerates the natural ripening of unopened bolls, so the quality of the fiber does not deteriorate.

When treating cotton, do not spray the product on other crops or trees, as this may damage them or cause unwanted leaf drop.

It is recommended to carry out defoliation in the morning or evening hours, when the wind speed does not exceed 3 m/s. If the temperature is expected to drop below 12 ° C within 2-3 weeks after spraying, the treatment should not be carried out.

The highest effectiveness of the drug is achieved in the temperature range from 17 to 33 ° C. At temperatures below 17 ° C, the penetration of the drug into plants worsens, which is associated with a slowdown in physiological processes.

The preparations should be mixed with water in the spray tank in the following order: SP (in water-soluble packets) → SP → VDG (STS) → Avguron Extra, SK → SK (VSK) → SE → KNE (KME, ME, KE, EMV) → VRG → VRK (VR) → VRK (VR) → VRK. Each subsequent component is added after the previous one is completely dissolved (dispersed).

The highest efficiency of using Avguron Extra is achieved with optimal soil moisture during the defoliation period (65% to 70% of the total field moisture). In case of drying, light irrigation should be carried out approximately 2 weeks before defoliation. It is not recommended to sow lettuce and carrots earlier than 9 months after applying the drug; legumes, alfalfa, other root vegetables and leafy vegetables earlier than 2 months.

Before opening the canister with the drug, shake it well. It is recommended to first prepare a stock solution of the drug. To do this, fill a small container (bucket) with ¼ of water, then add the measured amount of the drug to fill one sprayer and, stirring well, add water to ¾ of the volume. After that, the sprayer container is filled with water to ½ of the volume, the mixer is turned on and the mother solution of the drug is poured into it. After obtaining a homogeneous solution, water is added to the container until the volume is full, stirring constantly. To ensure the homogeneity of the working fluid, stirring continues during the processing. The prepared working fluid should be used on the same day. The American "elite" was ready to starve both foreigners and its own population to satisfy its whims, for which other peoples, other nations and other countries had to pay. But perhaps his main and incomparable achievement was his ability to lie, to create a skillful network of false propaganda, to convince everyone of the validity of his

ambitions and the inferiority of other people's orders, moral standards and regimes. Anything that could hinder American interests was subjected to condemnation and aggressive destruction.

In the 17th century, a seemingly strange event occurred in North America: pirate English sailors captured a small part of the coast and, a little later, took over several cities founded by the Dutch, thereby laying the foundation for an English-speaking colony. And only then, thanks to a combination of circumstances, this formation managed to move to the forefront of history. He seized the Swedish and French possessions located near New Amsterdam, renamed it New York and, having exterminated the indigenous population of the surrounding lands, decided to call the territory the United States.

English pirates and the motley crowd that joined them increasingly entered it! Enterprising colonists, having seized acres and acres of Indian land, divided it among themselves, brought black slaves, and from then on considered both the land and the living property their own. It was fast to get rich.

**Keywords:** entodefol, deformation, effects on plants, benefits.

**Introduction:** So it all went on, and many interesting things have happened since then: from the roots of a pirate colony, a "democratic country" emerged, which began to develop its own morality and culture. One of the most famous and popular literary works in that country was the novel, the moral of the main character of which is expressed as follows: "I lie, I kill, I steal, but I never starve."

The American "elite" was sometimes ready to starve both foreign and domestic populations; it sought to fill its pockets and satisfy its whims,

for which he had to pay, by interfering with other people, other countries, with their stars who had become stronger, by killing, robbing, using forbidden weapons. But, perhaps, his main and incomparable achievement was his ability to lie, to create a skillful network of false propaganda, to convince everyone of the validity of his ambitions and the inferiority of other people's orders, moral standards and regimes. Anything that seemed inconvenient for the advancement of "American interests" had to be destroyed by denunciation and aggression.

But one day, just as the saga of the US "information war" against the rest of the world must end, so too must any evil system. The power of its artillery is still strong, but it can only be defeated in one way: by telling the truth about the crimes that star power has tried to hide, airbrush, or present in a favorable light. In this book, I want to say a shovel and consider the crimes of Americanism as a real truth of history, although it is very effectively resisted by those who recognize the morality of the pirates who founded New England and who are told by the hero of the famous novel.

**Research methods and materials:** While collecting materials for this study, I came to an unexpected conclusion, which can answer many people who have asked themselves the question: why in 1991 the United States managed to pretend that everything was won in the so-called "Cold War" (although in fact this war was not over yet and the winner is not yet known), why they were able to skillfully fight the war and the battle that overthrew the good name of the Soviet Union, proving to many that communism was very bad, criminal and tainted with various atrocities, was it relatively easy for Americans? Why did America manage to defeat Russia, which always won a fair fight and never retreated?

A drug used for defoliation of medium-fiber cotton, which is absorbed through the plant leaves for 12 hours. The first effect of the drug is visible 2-4 days after treatment. The drug accelerates the division of plant cells, as a result of which the leaves begin to fall off while still green (without drying). The drug also prevents the growth of new leaves, accelerates the natural ripening of unopened bolls, and does not harm the quality of the crop.

The answer turned out to be unexpectedly simple: the Americans who waged a subversive struggle and spoke of the "bloody crimes of the regime" knew very well what they were talking about, because they themselves had committed so many terrible crimes that it was not difficult for them to turn the facts of these acts upside down and present them all as truth.

The truthfulness of the "exposés" that American propaganda fed the world, branding communism and the "evil empire" did not cause many people to doubt, because the Washington regime did not last long, talking about its own crimes, the list of which, as it turned out, was identical to the "indictment" with which the Soviet Union was convicted. Deportations of peoples, the creation of deliberate famines that destroyed hundreds of thousands and millions of people, gross interference in the affairs of other countries, prohibited methods of waging wars, terrorism, even concentration camps and secret prisons - these and even more terrible things can be found in the history of the United States, and in particular in the influence of America on them.

When I began to study the stubborn facts of history, the dust settled, because there were internal political repressions, persecutions of dissidents, executions and political trials in the States, but the episodes in which the Washington regime could easily sacrifice its own citizens in order to provoke a war, to find a claim to it, are more interesting. For example, in order to start the Spanish-American colonial war, which the Spaniards wanted to avoid with all their might, the Washington regime took a "strong decision" to blow up its warship along with its crew, blaming the Spaniards; and a massacre began, in which many citizens of Madrid died, but many Americans also died.

The powerful provocation was later met with glorious success, the fierce clamor of the New York newspapers making the Spaniards look like villains, preparing public opinion for the fact that the star warriors were about to fight against an evil force.

And let the Americans almost never prosecute their citizens for crimes abroad, even for the most terrible crimes, for the extermination of women and children, they did not punish them in any severe way, but this should not distract you, this proves that Washington is concerned about itself, because this only proves that the "democrats" in Washington did not neglect anyone's life, but they could easily sacrifice the lives of their citizens, if it was profitable, if it suited the "American interests". The impunity of Americans who carried out raids outside the borders of the United States has always been and remains a topic of discussion in the city, but this has always been limited to the impunity of Washington's "masters of fate". It so happened that the American citizen disappeared, disappeared without a trace, simply dispersed, no one heard from him anymore, although a little earlier he had dared to stand up for Washington's interests, thinking that he could challenge the system.

**Results:** The list of American crimes turned out to be much longer than I expected when I began this study. The shell of the former (admittedly skillful) American propaganda, which until recently had influenced me to find positive features in Americans, gradually disappeared, I lost my illusions, I was forced to be cynical, because if you are overly sensitive, many pages of American history cannot be perceived. Some actions of the American military machine were even difficult to compare with the crimes of the Nazis. And all this is aggravated by the insignificance of the goals pursued by the Americans, the unreasonableness of the violence committed.

But while the Washington regime was bent on evil deeds and committing criminal acts, it fiercely cursed the "evil communism", found many sins in it, and solemnly swore that only American democracy would bring the light of truth, justice, and freedom. The fight against the "evil empire" became the meaning of life for several generations of American politicians. Among them were those who drove themselves crazy not only figuratively, but literally. For example, the US Secretary of Defense, whose last name was Forrestal, ended up in a psychiatric clinic, where he repeated: "The Russians are coming, they are everywhere, I see Russian

soldiers!" The same thing happened to Frank Wisner, a CIA officer who supervised the suppression of the Hungarian uprising in 1956. After the provocation failed and the Americans were defeated, Wisner turned to drinking, then, driving himself crazy, found an interlocutor.

his own pistol. It's almost a joke, but the politicians who replaced Forrestal or Wisner in the relevant combat post, although they looked healthy, were crazy, did everything that would drive a person crazy, and so they said: "Stop the thief!"

The problem is that these people had enormous power and therefore were able to bring so much grief to humanity, transferring aggressive, paranoid delirium to the soil of real action, turning their aggression into the suffering of others.

Studying the chronology of American crimes, I could not help but compare them with the policies of other countries and, of course, with Soviet reality, because it is clear that the Americans did not exist in a vacuum, everything is known by comparison, and therefore I thought about the validity and comparative characterization of events. But there was no limit to my amazement when it was shown that the gravity of almost every sin attributed to the stubborn Stalin, as well as the severity of the same Truman, should be doubled or even increased in strength when describing him, if we are talking about the real, not imaginary, but historical actions of these historical figures.

And if we put aside the distortions imposed on us by propaganda, speaking in the grand scheme of events, let's figure out what can be presented to the Soviet state, which has gone through the most difficult trials of the 20th century and has caused the development of qualitatively new relations between people, which has changed the world for the better (benefits to workers, which were a "victory of democracy", if it were not for the communist rhetoric in the context of the ideas of the 20th century, the world would be more unjust), so what can be presented to the "Soviet regime"? The famous "Stalinist camps"? But they were just ordinary prisons, just like in America, France and England. The prisons of the "Stalinist regime" were a system of execution of punishment, that is, they were aimed at re-education, as everywhere in the world; You can argue about the percentage of unjust sentences, but you cannot argue with the stubborn fact that they cannot be compared with concentration camps. There were no death camps in the USSR. But the Americans and the British, unfortunately, got caught creating such "institutions" in the new and modern era, and I will tell you about it in detail.

The chemical defoliant currently being promoted and used in Chinese cotton fields is a mixture of thidiazuron and diuron. Among them, thidiazuron does not directly damage cotton leaves, can stimulate ethylene production and inhibit auxin transport. 24 hours after application, the ethylene released from the leaves peaked, and then remained at a certain level until the leaves were defoliated. It can remove mature leaves and effectively remove young leaves. Diuron is a sulfonylurea herbicide and a photosynthesis inhibitor. After mixing, the two drugs not only have complementary and synergistic effects, but also have good low temperature stability, and can effectively reduce dosage and reduce costs.

Unbroken, dry, broken leaves easily stick to the cotton wool and contaminate the cotton wool, which reduces the quality of the cotton and also causes a lot of inconvenience when picking cotton by hand, especially when picking by machine.

Thidiazuron-Diuron mixture is imported with high-performance adjuvants. After application, cotton plants themselves can produce abscisic acid and ethylene, which causes the formation of a separating layer between the petiole and the cotton plant, which allows the cotton leaves to be self-seeded; The leaves can quickly transfer nutrients to the young cotton on the upper part of the plant, achieving the effect of maturation, defoliation and increasing yield; Cotton can be early, the cotton and bolls are relatively developed, and the proportion of pre-frost cotton is increased. It does not contain cotton husk, does not fold, does not fall off, increases the length of the fiber, increases the wear, and facilitates mechanical and manual harvesting; The long-term effect of the medicinal effect basically solves the problem of "drying without falling off", reduces the number

of pairs of blades. The pollution of cotton picking by machine improves the quality and efficiency of mechanized cotton picking. Cotton is very sensitive to thidiazuron. Usually, 4-12 hours after use, the amount of ethylene produced by cotton increases significantly. At the same time, thidiazepine inhibits the growth of auxin in plants and acts on plants to promote the growth of plants. Cytokinin. This special mechanism of action does not stop the metabolism of the plant, ensuring the normal process of capsule ripening. Thidiazuron can cause rotting of cotton leaves without destroying chlorophyll and does not change the water potential of the leaf.

Diuron is a sulfonylurea herbicide with systemic and pronounced contact activity. When the agent is taken up by the roots and leaves of the plant, photosynthesis can be inhibited, resulting in chlorosis, leaf tips and leaf margins discolouration, which leads to plant death due to lack of nutrition.

After treatment with thidiazuron and diuron, cotton leaves can be torn off in advance, the leaves will be quickly regrown, and the leaves will be effective early and quickly, within 7-10 days. The effect of defoliation and ripening will be obvious 30 days after the drug is applied. Up to 88.65%-93.75%.

Zhengzhou Delong Chemical CO., Ltd. is a plant growth regulator production base in China, established in 2009, specializing in the production of plant protection products. If you have any questions, please contact us at any time.

**Discussion:** Well, in general, what else can be presented to the "Soviet regime"? The idea of world revolution? The desire to create a network of communist states in the world? Well, yes, it is possible, although this strategy was introduced by the American spy Trotsky, who was soon dismissed by Stalin, but before the dissolution of the Comintern (1943), such a direction took place in Soviet policy, although imbued with Russianness, it carried the idea of equality, Russia has always been unequal and unequal. What crime can be found in this plan? But the Americans and the British had a completely different idea; they wanted to promote equality only for the "chosen ones" and their own "national interests", which for some reason always sharply contradicted the interests of the peoples whose lands were under the "influence" of the United States.

So what is left for us to discuss? Just talk about methods, clarifying the methodologies and tools that the great powers of the 20th century used to achieve their goals?

This is where the most interesting things begin, because it's not always America

As I leafed through the pages of historical evidence of America's presence, which left its mark on various regions of the world, I was surprised to come to the conclusion that the Americans who wrote about the "crimes of communism" simply sat in front of the mirror, painted themselves, and the "oil painting" they painted was their self-portrait, demonizing communism. It was obvious that this was their "fine art", that is, the success of their "ideological war" against the USSR, they depicted everything truthfully, brought out the real realities of insults and atrocities, only changing their names, titles, geographical data, considering their crimes to be the sins of communism.

The failure of the Soviet propaganda machine can be explained by the fact that it lacked bright ochre and black soot, and that its palette did not have blood-red watercolors. The Americans found something, they painted their paintings with the blood of others and their own persecuted blood, but there was nothing like this in the "damned communism", you will not find anything similar to the chemical and biological warfare of America in Vietnam, Iraq and Yugoslavia in the history of the USSR, the communists did not bomb anyone with nuclear weapons, the USSR "did not have it". Refer to the complex double standards that the Washington "democrats" always used, and therefore communist propaganda could depict the crimes of the enemy with less force, because in order to portray something convincingly, you need to know the subject



well, and the Moscow "vegetarian" regime turned out to be very soft and humane compared to the politics of the English world.

Washington was inhabited not by vegetarians, but by people thirsting for a new war. Having not experienced the horror of the bombings of World War II, but only strengthened their position, they nurtured their arrogance, believing that the next big war would bring America only profit and political benefits, and most importantly, destroy the power of its main competitor on the planet and make Washington an absolute hegemon. And the Americans never expected that the Soviet Union would quickly recover, develop nuclear weapons and achieve parity with the American side; Everyone was surprised, including the army of shadow front officers, the most influential of which were the special services, which were gradually turning into the CIA.

**Summary:** The US fights secret wars; Forum, Harper's. September 1984, p. 44. Cit. Based on the publication: Knightley F. Spies of the 20th century. M., Republic, 1994]. Humanizing the enemy became a permanent policy of the CIA. Communism was to be stopped by real actions carried out in response to real or imagined subversive actions of the Soviet Union. Let us ask the question: how many were real and how many were imaginary actions. As Professor RV of Magdalen College, Oxford, notes: Johnson, the most interesting thing in the history of American intelligence is that it has never been able to provide a single irrefutable evidence of covert operations by the Soviet Union. "Not a single secret KGB operation comparable to the destabilization of the Allende regime in Chile or the Bay of Pigs has been identified.

And these operations sometimes reached the level of horrific cruelty and disregard not only for certain norms of democracy and human rights, but also for humanity in general.

As evidence of the "crimes of the Soviet regime," we were given, at best, half-truths colored by subjective emotions, peculiar "special effects," and often deliberate lies, often corrected by specialists from the special units of the US Secret Service, located in the famous Langley.

American intelligence officers knew very well what the crimes of the regime were, they knew very well, and therefore the lies they skillfully spread about the Soviet "sins" were so vivid, so convincingly passionate and so convincing. They knew what they were talking about, they were real experts in this matter.

#### **List of used literature:**

1. Baxriyevich, U. U. B., & Ergashivich, Q. I. (2023). BOLALAR VA O'SMIRLAR SALOMATLIGINING GIGIYENIK BAHOLASH. Новости образования: исследование в XXI веке, 1(9), 1027-1035.
2. Mahramovna, M. M., Chorshanbievich, K. N., & Ergashovich, K. I. (2023). HIGHER EDUCATION INSTITUTIONS STUDENTS HEALTHY LIFESTYLE DEVELOPMENT. Galaxy International Interdisciplinary Research Journal, 11(2), 410-413.
3. Ergashovich, K. I., & Bakhriyevich, U. U. (2023). Toxic infections and intoxications caused by food. IQRO JURNALI, 2(1), 181-186.
4. Corshanbiyevich, X. N., Narmuratovich, R. Z., Ergashovich, K. I., & TOGRI OVATLANISH, M. E. Y. O. R. L. A. R. I. Galaxy International Interdisciplinary Research Journal.–2022. T, 10(11), 160-163.
5. Sh, B. R., Ch, X. N., & Kiyamov, I. E. (2022). Environmentally Friendly Product is a Pledge of Our Health. Texas Journal of Multidisciplinary Studies, 9, 48-50.
6. Corshanbiyevich, X. N., Narmuratovich, R. Z., & Ergashovich, K. I. (2022). TOGRI OVATLANISH MEYORLARI. Galaxy International Interdisciplinary Research Journal, 10(11), 160-163.

7. Bakhriyevich, U. U. B., & Abdurakhmonovna, E. M. (2023). ROLE OF THE OZONE LAYER IN BIOLOGICAL PROCESSES. Новости образования: исследование в XXI веке, 1(9), 1019-1026.
8. Kiyomov, I., & Shernazarov, F. (2023). IMPROVING SURGICAL TREATMENT METHODS FOR PATIENTS WITH NASAL PATHOLOGY. Science and innovation, 2(D11), 226-231.
9. Qiyomov Ixtiyor Ergashevich. (2024). Modern Methods of Treating Nosebleeds. Journal of Science in Medicine and Life, 2(5), 554–559.
10. Qiyomov Ixtiyor Ergashevich. (2024). Modern Methods of Treating Nosebleeds. Journal of Science in Medicine and Life, 2(5), 548–553.
11. Qiyomov Ixtiyor Ergashevich. (2024). Improvement of Surgical Treatment Methods in Patients With Nasal Pathologies. Journal of Science in Medicine and Life, 2(5), 540–547.