

DFC 1951 5A-100

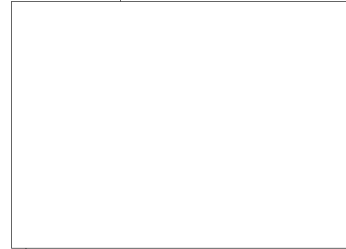
U.S. Officials Only

CONFIDENTIAL  
SECURITY INFORMATION

CENTRAL INTELLIGENCE AGENCY  
**INFORMATION REPORT**

COUNTRY USSR

SUBJECT Scientific Regimentation



DATE DISTR. *PI Sep 56*

NO. OF PAGES 1

NO. OF ENCLS.

SUPP. TO  
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS REPORT IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION



*"Malenkov and Lyssenko"*

analysis of "Michurin's Science" and of the significance of recent public statements by Lyssenko.

- end -

25X1

25X1

25X1

25X1

25X1

25X1

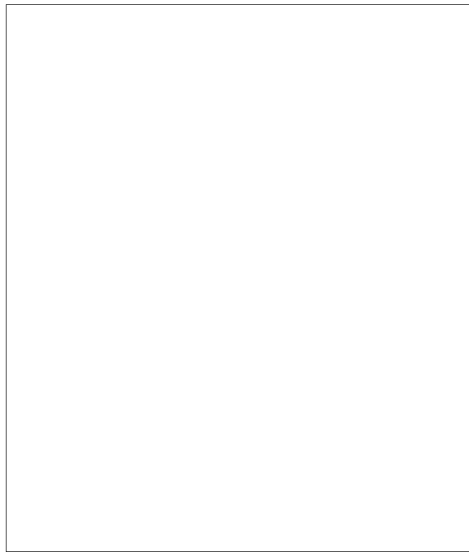
U.S. Officials Only

CONFIDENTIAL  
SECURITY INFORMATION

DISTRIBUTION →	STATE	<input checked="" type="checkbox"/> ARMY	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> OSE/BSU ORR		
----------------	-------	--	--	---	---	--	--

This report is for the use within the USA of the intelligence components of the Departments or Agencies indicated above. It is not to be transmitted overseas without the concurrence of the originating office through the Assistant Director of the Office of Collection and Dissemination, CIA

MALENKOV AND LYSENKO



25X1

WHILE STALIN WAS STILL ALIVE, AT THE 19TH CONGRESS OF THE COMMUNIST PARTY OF THE USSR, MALENKOV MADE A STATEMENT WHICH SAID LITTLE IN ITSELF CONCERNING THE NEED FOR SOVIET SCIENTISTS "TO OCCUPY FIRST PLACE IN WORLD SCIENCE". ACCORDING TO MALENKOV, IT APPEARS THAT SOVIET SCIENCE PRESUMABLY "THE MOST ADVANCED SCIENCE" IS STILL BEHIND "WORLD SCIENCE"; I.E., THE SCIENCE THAT FLOURISHES IN THE WESTERN WORLD. MALENKOV DOES NOT EXPLAIN HOW "THE MOST ADVANCED SOVIET SCIENCE" CAN FALL BEHIND "REACTIONARY BOURGEOIS SCIENCE". IT IS A WELL KNOWN FACT THAT STALIN HAD EXPELLED "BOURGEOIS SCIENCE" FROM THE SOVIET UNION, AND THERE WAS NOTHING LEFT FOR IT TO DO BUT BECOME A "SERVANT" OF THE CAPITALISTS IN AMERICA OR IN WESTERN EUROPE.

HOWEVER, MALENKOV DID NOT MAKE A MISSTATEMENT IN THIS CASE; MALENKOV IS NOT SATISFIED WITH SOVIET SCIENCE. AT THE SAME 19TH CONGRESS, MALENKOV PRAISED THE ACHIEVEMENTS OF USSR IN THE FIELD OF AGRICULTURE BUT SPOKE UNFLATTERINGLY OF "BIOLOGICAL AND AGRICULTURAL SCIENCE".

MALENKOV REPEATS THAT THE REACTIONARY ANTI-SCIENTIFIC IDEAS IN AGRICULTURAL SCIENCE HAVE BEEN EXPOSED AND DEVASTATED, AND NOW AGRICULTURAL SCIENCE CONTINUES ON THE BASIS OF THE ONLY CORRECT MATERIALISTIC MICHURIN THEORY. HOWEVER, IN SPITE OF SOME ADVANCES, AGRICULTURAL SCIENCE IS STILL BEHIND THE DEMANDS OF PRODUCTION. THERE IS A NEED TO DEVELOP CREATIVE INITIATIVE AMONG SCIENTIFIC AND PRACTICAL WORKERS.

ABOUT FIFTEEN YEARS AGO, STALIN ENTRUSTED THE LEADERSHIP OF THE ENTIRE SOVIET BIOLOGICAL SCIENCE TO LYSENKO. MALENKOV ALSO HELPED IN THE ADVANCEMENT OF LYSENKO BECAUSE HE WAS AT THAT TIME IN CHARGE OF THE CADRE BRANCH OF THE CENTRAL COMMITTEE OF THE PARTY. THE CADRE BRANCH CONTROLS ALL APPOINTMENTS TO RESPONSIBLE POSITIONS IN THE USSR. AT THE 19TH CONGRESS, MALENKOV OPENLY MENTIONED THE FACT THAT IT WAS THE KREMLIN ITSELF THAT HAD HELPED LYSENKO TO DESTROY "REACTIONARY IDEAS" IN THE USSR. THE PROPONENTS OF THESE "IDEAS" WERE RUSSIAN BIOLOGISTS, GENETICISTS, AGRONOMISTS AND DOCTORS. THEY WERE THEREFORE THE MEN WHO WERE "EXPOSED AND DEVASTATED"; I.E., PHYSICALLY DESTROYED. AT THE SAME TIME, RUSSIAN AND FOREIGN SCIENTIFIC BOOKS AND PUBLICATIONS WERE REMOVED FROM THE LIBRARIES AND BURNED. FOREIGN SCIENTIFIC PUBLICATIONS ARE FORBIDDEN IN THE USSR TO THE PRESENT DAY.

BECAUSE THE RUSSIAN SCIENTISTS REFUSED TO BE "RE-EDUCATED", THE COMMUNISTS BROUGHT FORWARD LYSENKO TO REPLACE THEM. HE WAS MADE ACADEMY MEMBER OF ALL SOVIET ACADEMIES. SOON HE BECAME DICTATOR IN THE REALM OF BIOLOGICAL SCIENCE. LYSENKO PICKED FOR HIMSELF MANY STUDENTS FROM AMONG YOUNG COMMUNIST FARMERS. THEY HAD NOTHING TO DO WITH SCIENCE BECAUSE THEY HAD NEVER WORKED IN SCIENTIFIC INSTITUTIONS. CONSEQUENTLY, THEY HAVE NEVER BEEN UNDER THE INFLUENCE OF "BOURGEOIS" GENETICISTS, BIOLOGISTS, OR BOTANISTS. THE INFLUENCE OF "WESTERN SCIENCE" WAS COMPLETELY EXCLUDED.

A MODERN COUNTRY CANNOT DEVELOP NORMALLY WITHOUT WELL ESTABLISHED AND CORRECTLY REGULATED SCIENTIFIC INSTITUTIONS. SCIENTIFIC INSTITUTIONS ARE A GREAT NEED IN THE USSR. THE MANIA FOR QUANTISM WHICH IS A CHARACTERISTIC OF COMMUNISM BRINGS WITH IT DAILY NUMEROUS MISTAKES IN THE PLANNED AGRICULTURE OF THE USSR. REALLY WELL QUALIFIED SCIENTIFIC INSTITUTIONS COULD DIMINISH THESE MISTAKES. FOR EXAMPLE, MALENKOV NEEDS THE HELP OF "SOVIET SCIENCE" (FOR THERE IS NO OTHER SCIENCE IN THE USSR) TO SOLVE MANY NEW PROBLEMS WHICH CONSTANTLY ARISE IN SOVIET AGRICULTURE. THE 19TH CONGRESS HAS

DEMANDED AN INCREASE IN TONNAGE OF CULTIVATED CROPS AND AN INCREASE IN THE NUMBER OF HEADS OF CATTLE RAISED IN THE USSR, FOR EVEN NOWADAYS THE SOVIET UNION IS NOT FULLY PROVIDED WITH MEAT OR EVEN WITH BREAD.

THE REGULATION OF AGRICULTURE IN THE USSR IS BECOMING INCREASINGLY COMPLICATED. AT THE 19TH CONGRESS OF THE PARTY, MALENKOV STATED THAT THE PLANTING ACREAGE IN 1952 WAS GREATER THAN THAT OF 1913 BY 1.4 TIMES. THIS INCREASE IN PLANTING AREA WAS DUE MOSTLY TO THE INCREASE IN PLANTINGS OF CROPS REQUIRED FOR PURPOSES OF INDUSTRIALIZATION AND NOT FOR FOOD. THE AREA UNDER GRAIN CROPS WAS ACTUALLY INCREASED BY 5% ONLY. IT IS A FACT THAT UNLESS CROP TONNAGE IS INCREASED, THERE WILL ALWAYS BE HUNGER YEARS IN THE USSR, DUE TO THE FREQUENT DROUGHT YEARS IN THE SOUTHERN PART OF THE COUNTRY. THE PROBLEM OF CEREAL CROPS THUS REMAINS AN IMPORTANT ECONOMIC FACTOR IN THE SOVIET UNION.

WITH THE CONSTRUCTION OF HYDRO-ELECTRIC STATIONS AT STALINGRAD AND KUIBYSHEV AND THE VOLGA-DON, TURKMENIAN, SOUTHERN UKRAINIAN, AND NORTHERN CRIMEAN CANALS, PROBLEMS OF IRRIGATION ARISE. THEY ARE NEW PROBLEMS TO THE EUROPEAN USSR. ACCORDING TO FIGURES FURNISHED BY L. P. BERIA, THE NEW IRRIGATED REGIONS CREATED BY THESE CANALS WILL BE ABLE TO PRODUCE UP TO 3 MILLION TONS OF COTTON, 30 MILLION POODS (1 POOD EQUALS 36 POUNDS) OF RICE, AND 6 MILLION TONS OF SUGARBEETS ANNUALLY. THE NUMBER OF HEADS OF CATTLE SHOULD INCREASE TO 2 MILLION. IN ADDITION TO THIS, THE 19TH CONGRESS DEMANDS THAT THE COLLECTIVE FARMERS BUILD 35 THOUSAND POND (WATER TANKS) WITH THEIR OWN HANDS, WITHOUT THE AID OF ANY MACHINERY, IN THE REGION OF THE MIDDLE RUSSIAN PLATEAU. THE SOVIET GOVERNMENT WANTS TO MAKE USE OF THE EXPERIENCE OF THE UNITED STATES AND MAKE IRRIGATION A COMMON PRACTICE IN SOVIET AGRICULTURE.

AS UNDER STALIN, SO ALSO UNDER MALENKOV, THESE IMPROVEMENTS, CONSTRUCTION OF CANALS, ETC., WILL BE MADE WITH THE USE OF CHEAP LABOR FURNISHED BY COLLECTIVE FARMERS TO BE PAID BY "LABOR DAYS" ON WHICH ALL EXPENSES ARE PAID BY THE SAME COLLECTIVE FARMERS. FOR THE MOST DIFFICULT OR POOR PLACES, LABOR WILL COME FROM CONCENTRATION CAMPS IN THE PERSONS OF SOVIET SLAVES.

THE AVAILABILITY OF GREAT NUMBERS OF SEMI- AND FULL-SLAVES AND OF SURPLUS NUMBERS OF SLAVE DRIVERS DOES NOT, HOWEVER, GUARANTEE THE SUCCESS OF ALL THESE UNDERTAKINGS OF THE SOVIETS. WHAT IS NEEDED, TOGETHER WITH THOSE MENTIONED, IS A NUMBER OF FREE-ENTERPRISING, EDUCATED PEOPLE WHO POSSESS THE PROPER EXPERIENCE AND KNOWLEDGE. ONLY FINE ENGINEERS AND REAL SCIENTISTS CAN FACILITATE ALL THIS CONSTRUCTION WORK AND START A REGIME OF WELL-REGULATED AGRICULTURAL PRODUCTION.

THE HOME-GROWN RED SOVIET ACADEMICIANS WHO BECAME MEMBERS OF ACADEMIES AT THE EXPENSE OF THE LIQUIDATION OF "BOURGEOIS SCIENCE" ARE NOT VERY WELL QUALIFIED. WHO AMONG SOVIET SCIENTISTS CAN GIVE MALENKOV GOOD ADVICE THAT MIGHT HELP SOLVE THE BASIC AGRICULTURAL PROBLEMS OF THE PEOPLE? SUCH PERSONS MAY BE THE FOLLOWING ACADEMICIANS: LYSENKO, TZITZIN, OLSHANSKY, VLASSIUK, AND A FEW OTHERS OF THEIR TYPE. ACADEMY MEMBER YAKUSHKIN STILL REMAINS IN THE USSR, BUT HE HAS COMPLETELY LOST HIS MIND AFTER HAVING BEEN RELEASED FROM PRISON.

THE VALUE OF A SCIENTIST IS DETERMINED BY HIS SCIENTIFIC CONTRIBUTIONS AND DISCOVERIES. IT IS THEREFORE IMPOSSIBLE TO CONCEAL THE TRUE VALUE OF A SCIENTIST EVEN WITH THE AID OF THE IRON CURTAIN, FOR THE SOVIET SCIENTIFIC PUBLICATIONS STILL REACH THE SCIENTIFIC LIBRARIES OF THE WESTERN WORLD. IT IS POSSIBLE TO EVALUATE WITH COMPLETE OBJECTIVITY BY THE PRINTED RESEARCH PAPERS THE CREATIVE CALIBER OF MALENKOV'S

SCIENTIFIC HELPERS. IT HAS BEEN GENERALLY ADMITTED THAT THEIR SCIENTIFIC AUTHORITY DOES NOT INSPIRE TRUST. THESE MEN, THEREFORE, HAVE NO AUTHORITY EITHER WITHIN THE LIMITS OF THE USSR OR ABROAD.

FROM THE STANDPOINT OF SCIENTIFIC ASSISTANCE, MALENKOV'S POSITION IS MUCH LESS FORTUNATE THAN THAT OF HIS PREDECESSORS, STALIN AND ESPECIALLY, LENIN. THEY HAD INHERITED FROM CZARIST RUSSIA A WHOLE CONSTELLATION OF EXCELLENT RUSSIAN SCIENTISTS WHO POSSESSED WELL-EARNED REPUTATIONS BOTH IN RUSSIA AND ABROAD. AT FIRST, THE BOLSHEVIKS HAD NO FEAR OF MAKING USE OF THE EXPERIENCE AND KNOWLEDGE OF THE CZAR'S SCIENTISTS. LENIN ENTRUSTED THE SCIENTIFIC LEADERSHIP OF THE ENTIRE SOVIET AGRICULTURE TO FIRST-MAGNITUDE SCIENTISTS FORMERLY UNDER THE CZAR. HE MADE THEM RESTORE RUSSIAN AGRICULTURE AFTER THE RAVAGES OF WAR AND REVOLUTION. COMMUNIST ADMINISTRATIVE AUTHORITY WAS LIMITED TO PURELY COMMISSAR FUNCTIONS. IT WAS UNDER LENIN THAT THE AGRICULTURAL ACADEMY OF SCIENCES WAS CREATED. IN IT WERE GATHERED ALL THE MOST PROMINENT RUSSIAN BIOLOGISTS, GENETICISTS, AND AGRONOMISTS. PRACTICALLY ALL THE SCIENTISTS WERE NOT MEMBERS OF ANY PARTY. A BRILLIANT RUSSIAN SCIENTIST, GENETICIST, AND PLANT BREEDER, ACADEMICIAN E. I. VAVILOV, WAS APPOINTED AT THE HEAD OF THE AGRICULTURAL ACADEMY. WORK AT THE RUSSIAN (FORMERLY IMPERIAL) ACADEMY OF SCIENCES WAS ENLARGED IN SCOPE; THE INSTITUTE OF GENETICS WAS OPENED; ALSO INSTITUTES OF PHYSIOLOGY, BIOCHEMISTRY, BOTANY, ETC., WERE ADDED.

E. I. VAVILOV VERY QUICKLY ORGANIZED THROUGHOUT RUSSIA HUNDREDS OF SCIENTIFIC RESEARCH INSTITUTIONS WHICH SPECIALIZED ON DIFFERENT CROP CULTURES SUCH AS BEETS, COTTON, TOBACCO, ETC. THESE WERE ACTIVELY ENGAGED IN THE SOLUTION OF SCIENTIFIC PROBLEMS ON PLANT AND ANIMAL BREEDING. MANY OF THESE INSTITUTIONS VERY SOON BECAME AUTHORITATIVE BOTH AT HOME AND ABROAD. THEY WERE OF IRREPLACEABLE SERVICE TO AGRICULTURAL INDUSTRY IN CENTRAL RUSSIA AS WELL AS IN THE OUTLYING REGIONS AND REPUBLICS. A NEW SCIENTIFIC FORCE WAS CREATED CONSISTING OF RUSSIANS, UKRAINIANS, WHITE RUSSIANS (BELORUSSIANS), GEORGIANS, ARMENIANS, TURKMENIANS, ETC.

VAVILOV UNDERTOOK NUMEROUS SCIENTIFIC EXPEDITIONS WHOSE PURPOSE WAS TO COLLECT NEW VALUABLE PLANTS. HE TRAVELED OVER ALMOST ALL OF ASIA (AFGHANISTAN, TURKEY, PERSIAN, ARABIA, CHINA, JAPAN); AFRICA (ABYSSINIA, SUDAN, EGYPT, MOROCCO); THE COUNTRIES AND ISLANDS OF THE MEDITERRANEAN; NORTH AND SOUTH AMERICA. TENS OF THOUSANDS OF SAMPLES OF THE MOST DIVERSE PLANTS WERE COLLECTED AND STUDIED. RUSSIAN SCIENTISTS PARTICIPATED IN ALL THE INTERNATIONAL CONGRESSES. MANY SCIENTISTS FROM ABROAD INCLUDING PROFESSORS MULLER AND KOSTOV WORKED FOR SEVERAL YEARS AT THE ACADEMY OF SCIENCES OF THE USSR. PROFESSORS BAUR, GOLDSCHMIDT, BRIDGES, AND OTHERS VISITED AND LECTURED IN THE USSR. VAVILOV ORGANIZED A SCIENTIFIC PUBLISHING HOUSE WHICH PRINTED NOT ONLY RUSSIAN SCIENTIFIC BOOKS AND MAGAZINES BUT ALSO REGULARLY PUBLISHED WORKS OF OUTSTANDING FOREIGN AUTHORS AND MADE TRANSLATIONS, ETC. IT WAS POSSIBLE IN THE MAIN LIBRARIES OF THE USSR TO GET ANY FOREIGN SCIENTIFIC BOOK DESIRED.

ANOTHER RUSSIAN SCIENTIST WHOSE NAME IS ALSO WORLD-RENOWNED, ACADEMY MEMBER D. N. PRIANISHNIKOV, GREATEST SPECIALIST IN AGRICULTURAL CHEMISTRY, ORGANIZED THE SO-CALLED "CHEMIZATION" OF AGRICULTURE IN THE USSR; I. E., THE USE OF MINERAL FERTILIZERS. IN ADDITION TO HIS NUMEROUS POSITIONS IN SCIENTIFIC INSTITUTIONS, HE WAS ALSO IN CHARGE OF PROBLEMS ON FERTILIZERS IN THE USSR GOSPLAN (GOVERNMENT PLANNING) AND WAS CHIEF CONSULTANT IN THE CONSTRUCTION OF FACTORIES FOR THE MANUFACTURE OF AGRICULTURAL FERTILIZERS. IN THE PRODUCTION OF FERTILIZERS HEAVY INDUSTRY WAS ALSO USED.

THE OLD "BACKWARD AGRARIAN" RUSSIA HAD PRODUCED MANY BRILLIANT SCIENTIFIC AGRONOMISTS AND RESEARCH MEN: PROFESSORS TULAIKOV, MEISTER, ROZHDESTVENSKY, LISITZIN,

SAZANOV, SAPIEGIN, MANKOVSKY, RAYTRENKO, AND MANY OTHERS. AFTER THE REVOLUTION, ALL THESE MEN WERE PLACED AT THE HEAD OF LARGE AGRICULTURAL SCIENTIFIC INSTITUTIONS LOCATED ALL OVER THE COUNTRY. AT THE SAME TIME, THEY FUNCTIONED AS CONSULTANTS FOR REGIONAL, STATE, AND FEDERAL (ALL-UNION) MANUFACTURING INSTITUTIONS.

THIS "GOLDEN AGE" OF SOVIET SCIENCE LASTED FROM 1920 UNTIL 1933-35; THAT IS, FOR A VERY BRIEF PERIOD.

*date all wrong*

BY 1928-1930, WITH THE INTRODUCTION OF "NEP" (THE NEW ECONOMIC POLICY) AND WITH FAIRLY WELL-ORGANIZED WORKING CONDITIONS FOR PEASANTS AND STABILIZED AGRICULTURAL MARKET, RUSSIA'S AGRICULTURE BEGAN TO SURPASS ITS MAIN PRE-WAR RECORD. IT SEEMED THAT HUNGER HAD BECOME A MYTH, A THING OF THE PAST; BUT THIS "NORMAL" DEVELOPMENT OF THE COUNTRY LASTED NOT OVER TEN YEARS. A FEW YEARS AFTERWARDS, STALIN, WITH HIS "WISE" LEADERSHIP, MANAGED TO STARVE OUT SEVERAL MILLIONS OF PEASANTS WHO HAD REFUSED TO JOIN THE COLLECTIVE FARMS IN 1933. THE POLICY OF COMPROMISE (NEP) CAME TO AN END AND STALIN'S FIVE-YEAR PLANS BEGAN.

AFTER THE LIQUIDATION OF "NEP", THE PHENOMENAL PROGRESS OF SOVIET SCIENCE BEGAN TO SLOW DOWN. IT APPEARED CLEAR THAT THIS "GOLDEN AGE" OF SOVIET SCIENCE WAS THE SAME "NEP" CARRIED OUT IN THE REALM OF SCIENCE. THE POLICY OF "NEP" CONSISTED OF ALLOWING FREEDOM TO A LIMITED DEGREE TO PRIVATE INITIATIVE ON THE FARM AND PARTIALLY IN THE CITY. THIS ARRANGEMENT GAVE THE BOLSHEVIKS A PERIOD OF PEACEFUL DEVELOPMENT OF THE USSR AT A TIME WHEN THEY WERE OTHERWISE ALMOST UNABLE TO CONTROL CIVIL WAR AND PEASANT REBELLION. THIS PERIOD WAS A TIME OF SCIENTIFIC FREEDOM OF THOUGHT AS WELL.

DURING THE "NEP" PERIOD, THE BOLSHEVIKS BUILT UP A STRONG ADMINISTRATIVE AND POLICE FORCE. STALIN BROKE THE "NEP" POLICY BECAUSE HE HAD TO HAVE COLLECTIVIZATION IN ORDER TO BIND "COUNTRY RUSSIA" WITH THE CHAINS OF COMMUNISM. ALL PRIVATE INITIATIVE WAS THEREFORE EXTERMINATED AND INDUSTRIALIZATION BEGAN. MONEY FOR THIS PURPOSE WAS EKED OUT WITH THE AID OF THE WELL-KNOWN "FIVE-YEAR PLANS". AT THIS TIME, TOO, THE RED ARMY WAS REORGANIZED AND ENLARGED. IN MILITARY SCIENCE, THE ELEMENT OF SECRET AND SURPRISE CAN BE A FACTOR IN MILITARY VICTORY. SO LIFE IN THE USSR BEGINS TO BE INCREASINGLY SECRET. INDUSTRIALIZATION WAS CARRIED OUT, AND STILL IS, BY MEANS OF SLAVE LABOR. ANY PUBLICITY IN CONNECTION WITH THE TERRIBLE DETAILS OF SOVIET SLAVERY WAS AND STILL IS EXTREMELY UNDESIRABLE TO COMMUNIST RULE. STALIN THEREFORE DROPS AN IRON CURTAIN OVER THE USSR. THE HUNGRY AND DISENFRANCHIZED CITIZEN OF SOVIET RUSSIA LOSES ANY OPPORTUNITY TO OBSERVE LIFE IN THE WESTERN WORLD.

TO MAKE THE IRON CURTAIN MORE IMPENETRABLE ON EITHER SIDE OF THE BORDER, STALIN ANNOUNCES THAT NOT ONLY THE ECONOMIC SYSTEM AND THE POLITICAL LIFE OF THE WEST BUT ALSO ITS ART AND SCIENTIFIC THOUGHT ARE SINFUL.

PERSECUTION OF "BOURGEOIS SCIENCE" BEGINS NOT ONLY IN THE REALM OF POLITICAL AND ECONOMIC SCIENCES, WHICH HAD ALWAYS BEEN SUBJECTED TO PERSECUTION, BUT ALSO IN THE REALM OF EXACT SCIENCES. "BOURGEOIS" PHYSICS AND BIOLOGY ARE NOT ADMITTED IN THE USSR. THIS IS FOLLOWED BY THE EXTERMINATION OF ALL "BOURGEOIS" SCIENCES WITHIN THE LIMITS OF THE COUNTRY.

THE RED PHILOSOPHERS . . . AND THE ACTIVE "SCIENTIFIC" BRANCH OF THE COMMUNIST PARTY THEN STARTED CARRYING ON PROPAGANDA AMONG RUSSIAN SCIENTISTS WHICH CONTINUED FOR SEVERAL YEARS. SPECIAL "CRITICAL" ARTICLES WERE PUBLISHED WHICH WERE FILLED WITH INVECTIVES AGAINST WHAT WAS TERMED THE METAPHYSICAL WAY OF REASONING. COMPULSORY

COURSES, SIX AND TWENTY-FOUR MONTHS IN LENGTH, WERE ARRANGED FOR PROFESSORS AND ASSISTANTS OF UNIVERSITIES AND INSTITUTES. VARIOUS SPECIAL REGIONAL AND ALL-UNION MEETINGS AND CONGRESSES ARE CALLED FOR THE SOLE PURPOSE OF DISCUSSING THE SO-CALLED METHODOLOGY PROBLEMS. AT THESE MEETINGS, THE . . . DEMANDED THAT SCIENTISTS COME OUT WITH A REVISION OF MODERN SCIENCE. OFFERS WERE MADE TO SCIENTISTS THAT THEY RENOUNCE THEIR SCIENTIFIC TRUTHS. IN THE USSR, EVERYONE REALIZED THAT IN CASES OF REFUSAL THERE WOULD BE ARRESTS, TRIALS OF "SABOTEURS" OR "TROUBLE MAKERS", ETC. THE MAJORITY OF SCIENTISTS PREFERRED TO DIE. ACTUALLY HUNDREDS AND THOUSANDS OF SCIENTISTS, WITH N. VAVILOV AT THE HEAD OF THE LIST, WERE EXILED AND KILLED. BY THE EARLY 1950'S, THERE REMAINED ABSOLUTELY NOT ONE SCIENTIST WITHIN THE LIMITS OF THE USSR WHO WOULD OFFICIALLY ADMIT AS TRUE THE POSTULATES THAT ARE GENERALLY ACCEPTED IN WORLD SCIENCE.

TO REPLACE THE "BOURGEOIS" SCIENCE, A NEW KIND OF SCIENCE OF THEIR OWN HAD TO BE CREATED. STALIN WAS ABLE TO CREATE THIS NEW SOVIET SCIENCE ONLY WITH THE HELP OF LYSENKO. IN THIS RESPECT, LYSENKO RENDERED AN IRREPLACEABLE SERVICE TO COMMUNISM. HE ALONE AND NONE OTHER IN THE USSR WOULD AGREE TO INSERT THIS SHAMEFUL PAGE IN THE HISTORY OF SCIENCE. THERE WERE NUMEROUS RUSSIAN SCIENTISTS WHO HAD BEEN IN EXILE OR WHO WERE SITTING IN THE CHEKA WAITING FOR THEIR VERDICTS WHO REFUSED THIS OFFER.

FOLLOWING AN ORDER OF THE KREMLIN, THE ACTIVE NUCLEUS OF THE NEW "SCIENCE" WAS CHRISTENED "MICHURIN'S GENETICS". IT FORMED THE BASIS FOR A REORGANIZATION OF ALL THE OTHER "PURE AND APPLIED" SCIENCES IN THE USSR.

ACCORDING TO LYSENKO, THE BASIC PRINCIPLES OF MICHURIN'S GENETICS ARE: FIRST, THE WELL-KNOWN AND LONG DISCARDED AS OBVIOUSLY FALSE THEORY OF THE SO-CALLED INHERITANCE OF ACQUIRED CHARACTERISTICS; AND SECONDLY, THE DENIAL OF THE EXISTENCE OF AN INTRA-SPECIFIC STRUGGLE AS A FACTOR IN EVOLUTION. LYSENKO TELLS THE COMMUNISTS THAT WITH PROPER UPBRINGING, PROPER CHANGE IN ENVIRONMENT, ANYTHING CAN BE ACHIEVED. "THAT INCLUDES COMMUNISM TOO", THOUGHT STALIN. ACCORDING TO LYSENKO, THE MOTIVE FORCE OF EVOLUTION IS NOT THE STRUGGLE FOR EXISTENCE OF INDIVIDUALS OR ENTITIES WITHIN SPECIES LIMITS BUT THE STRUGGLE OF DIFFERENT SPECIES WITH EACH OTHER. IT FOLLOWS THAT IN HUMAN SOCIETY, INDIVIDUAL PERSONS MUST BE COMPLETELY SUBJECTED TO AN ORGANIZED COLLECTIVE (BODY POLITIC). IN PRACTICE IT MEANS THAT THE INTERESTS OF AN INDIVIDUAL MUST BE SACRIFICED TO THOSE WHO ARE LEADERS OF THE COLLECTIVE (OF THE PEOPLE) TOWARD A DEFINITE GOAL. THESE ARE LYSENKO'S "BRILLIANT" PRINCIPLES WHICH FURNISH A "BIOLOGICAL BASIS" FOR THE WHOLE POLICY FOLLOWED BY COMMUNISM AND BASED ON COMPLETE ABOLITION OF FREEDOM WITHIN THE LIMITS OF THE USSR.

NEITHER STALIN NOR MALENKOV HAVE HAD ANY DESIRE TO BREAK THE "BIOLOGICAL PRINCIPLES" OF MICHURIN'S GENETICS OR TO REPLACE THEM WITH IDEAS TAKEN FROM THE SCIENCE OF THE WESTERN WORLD. THEY HAVE USED THESE PRINCIPLES FOR PURPOSES OF PROPAGANDA AND FOR THE SPIRITUAL ISOLATION OF THE CITIZENS OF THE SOVIET UNION. UNFORTUNATELY, FOR STALIN, AND NOW FOR MALENKOV, THESE PRINCIPLES HAVE BROUGHT NO FRUIT IN SOLVING THE PROBLEMS OF THE PEOPLE'S AGRICULTURE. A SCIENTIFIC WORKER WHO FOLLOWS THESE IDEAS PROVES UTTERLY USELESS IN ANY SOVIET INSTITUTION. THE FUTILITY OF LYSENKO'S POSTULATES HAS ALSO BECOME QUITE APPARENT ABROAD: THE WESTERN WORLD WHICH CAREFULLY WATCHES THE DEVELOPMENT OF SCIENCE IN THE USSR HAS NOT BEEN ABLE TO MAKE USE OF A SINGLE SOVIET IDEA EITHER IN THEORY OR IN PRACTICAL APPLICATION.

YET THE PRACTICAL PROBLEMS OF THE PEOPLE'S AGRICULTURE IN THE USSR HAVE TO BE SOLVED ON THE BASIS OF THESE TOTALLY USELESS IDEAS. THIS IS PART OF STALIN'S

SPIRITUAL HERITAGE THAT INTERFERES WITH THE GROWTH OF THE USSR. NOBODY CAN GET ANYTHING USEFUL DONE TO HELP HIS PEOPLE. BECAUSE OF ITS FUTILITY, SOVIET SCIENCE IS BEGINNING TO BREAK AWAY FROM SOVIET LIFE. HEREIN LIES THE CRISIS OF SCIENCE IN THE USSR.

WHILE CARRYING ON A COLD WAR WITH THE WEST, MALENKOV MUST SUPPORT "HIS" SCIENCE WHICH IS DIFFERENT FROM THAT OF THE FREE WORLD. SOVIET SCIENCE CAN BE OF SERVICE TO THE KREMLIN ONLY WHEN USED FOR PROPAGANDA PURPOSES. IT IS OF NO HELP AS A THEORETICAL BASIS IN CARRYING OUT "THE GREAT STRUCTURES OF COMMUNISM".

THE KREMLIN REALIZES THAT; IN FACT THAT IT DOES IS SHOWN BY AN INTERESTING CIRCUMSTANCE WHICH HAS SO FAR REMAINED UNKNOWN IN THE WEST: THE CENTRAL COMMITTEE OF THE PARTY HAS REQUESTED THE MINISTRY OF AGRICULTURE OF THE USSR THAT IT CREATE A MAIN EXECUTIVE DIVISION OF AGRICULTURAL PROPAGANDA WHICH WOULD BE DIRECTLY SUBORDINATE TO THE PROPAGANDA DIVISION OF THE CENTRAL COMMITTEE OF THE PARTY. ACCORDING TO THIS ORDER, ALL THE SOVIET SCIENTIFIC RESEARCH INSTITUTIONS, AGRICULTURAL INSTITUTES AND SELECTIVE BREEDING STATIONS, ALL EXPERIMENTAL LABORATORIES, REGARDLESS OF THE OFFICE TO WHICH THEY BELONG, ARE MADE SUBORDINATE TO THE DIVISION OF PROPAGANDA WHICH HAS BEEN SPECIALLY CREATED FOR THE PURPOSE.

THE CHANGE OF SOVIE. SCIENCE IN THE HANDS OF PROPAGANDA MONGERS HAS PROVEN VERY PAINFUL EVEN TO THE MICHURINISTS. RECENTLY EVEN LYSENKO BEGAN TO CALL FOR HELP IN PRINT, AGROBIOLOGIA, No. 6, P. 55, 1952, CLAIMING THAT "THE WORK OF THE AGRICULTURAL ACADEMY OF SCIENCES HAS BECOME WORSE BECAUSE OF RELATION WITH THE MINISTRY, THE INSTITUTIONS OF PRODUCTION, AND THE NETWORK OF SCIENTIFIC RESEARCH INSTITUTES; ITS CONNECTION WITH PRODUCTION HAS NOT INCREASED BUT HAS NARROWED DOWN TO SOME EXTENT. THE ACADEMY OF SCIENCES AND THE CHIEF EXECUTIVE DIVISION FOR AGRICULTURAL PROPAGANDA OF THE MINISTRY OF AGRICULTURE IN THE USSR HAVE NOT BEEN ABLE TO COOPERATE IN THEIR WORK IN SUCH A WAY THAT THE ACADEMY COULD BE OF SCIENTIFIC SUPPORT TO THE CHIEF EXECUTIVE DIVISION."

IT APPEARS CLEAR THAT THE MINISTRY OF AGRICULTURE DOES NOT DESIRE TO BUILD ITS WORK UPON MICHURIN'S SCIENCE. IT IS WELL AWARE THAT THE SOVIET ACADEMY HAS BEEN CALLED UPON NOT TO SOLVE SCIENTIFIC PROBLEMS BUT TO WORK UNDER FALSE PRETENSES ON THE SOLUTION OF PROBLEMS REQUIRED BY THE SOVIETS FOR PROPAGANDA PURPOSES. THE AIMS AND PROBLEMS OF PROPAGANDA ARE DETERMINED NOT IN SCIENTIFIC LABORATORIES BUT IN THE PARTY OFFICES OF THE KREMLIN.

THE SPEECH BY MALENKOV AT THE 19TH CONGRESS OF THE PARTY FORCED THE LEADER OF MICHURIN'S SCIENCE TO COME FORTH WITH AN ANSWER BOTH IN PRINT AND WITHIN THE WALLS OF THE PRESIDUM OF THE ACADEMY OF SCIENCES. LYSENKO'S ARTICLE APPEARED IN THE DECEMBER NUMBER OF THE MOST IMPORTANT MAGAZINE ON MICHURIN'S SCIENCE. IT BEARS A CHARACTERISTIC TITLE: "ON THE PROBLEMS OF THE ACADEMY OF AGRICULTURAL SCIENCES IN CARRYING OUT THE RESOLUTIONS OF THE 19TH CONGRESS OF THE PARTY IN THE REALM OF AGRICULTURAL DEVELOPMENT OF THE USSR." AGROBIOLOGIA, No. 6, pp. 17-56, 1952.

AS ALWAYS, THE LYSENKO ARTICLE CONSISTS OF: ATTACKS ON BOTANISTS WHOM HE DOES NOT FANCY. (SOME WORDS ARE DIRECTED AGAINST THE WELL-KNOWN GEBOTANIST ACADEMY MEMBER V. N. SUKACHEV.) WHO HAVE SURVIVED HERE AND THERE IN THE USSR; A MIXTURE OF FAIRY TALES (FOR EXAMPLE; THE CHANGE OF RYE INTO A COMMON WEED . . . WITH ADVICE CONCERNING THE MOST ORDINARY PROBLEMS).



LYSENKO DOES NOT DISCUSS ANY IMPORTANT PROBLEMS ON AGRICULTURE THAT ARE NOW BEING ADVANCED BOTH IN THE USSR AND ABRCAD. THE LYSENKO ARTICLE IS OF NO INTEREST TO SCIENCE BUT IT CONTAINS A NUMBER OF NEW ANGLES FROM THE LIFE OF THE SOVIET UNION, ANGLES WHICH DESERVE ATTENTION.

IN THE FIRST PLACE, LYSENKO HAS BEEN FORCED TO ADMIT THAT IN HIS THEORY BUILT ON THE CONCEPT BY LENIN-STALIN AND TESTED IN NUMEROUS EXPERIMENTS BY "ADVANCED" MEN IN THE SOVIET UNION, THERE ARE SOME MISTAKES. IT SEEMS THAT EVEN A COMMON HUMAN MORTAL OF THE USSR NOW KNOWS THAT SOVIET SCIENCE IS CAPABLE OF MAKING MISTAKES. LYSENKO SAID THE FOLLOWING: "IN MY PAST WRITINGS I BASED MY OPINIONS ON THE ONE-SIDED EVOLUTIONARY THEORY AND FREQUENTLY EXPRESSED INCORRECT IDEAS CONCERNING THE GRADUAL ACCUMULATION OR DIMINUTION OF CHARACTERS. A LARGE AMOUNT OF FACTUAL MATERIAL ON THE CHANGE OF INHERITANCE HAS SHOWN THAT THIS THEORETICAL ASSUMPTION WAS WRONG." LYSENKO IS REPENTANT. ANY OLD OR NEW TEXTBOOK ON "BOURGEOIS" GENETICS ALWAYS POINTS OUT THAT THE ACCUMULATION OF CERTAIN CHARACTERS WITHIN THE BODY OF AN ANIMAL OR A PLANT NEVER BRINGS ABOUT THE ACCUMULATION OR THE LOSS OF INHERITED CHARACTERS. ANY STUDENT KNOWS THIS, BUT THEY DID NOT WANT TO KNOW IT IN THE KREMLIN.

IN THEIR FORMER CONTRIBUTIONS OF WHICH LYSENKO NOW SPEAKS AS INCORRECT, HE, PREZENT, AND THEIR FOLLOWERS HAVE ALWAYS EMPHASIZED THE IDEA THAT THEIR "DISCOVERIES" WERE POSSIBLE BECAUSE THEY WERE BASED ON THE TEACHINGS OF LENIN-STALIN. THESE POSTUMATES OF LYSENKO'S, NOW REGARDED AS INCORRECT, WERE AFFIRMED FOR ALMOST TWENTY YEARS (1935-1955) BY DOZENS OF LYSENKO'S DISCIPLES. THEIR FALSITY AND TENDENTIOUSNESS WERE JUST AS APPARENT TWENTY YEARS AGO AS THEY ARE NOW. FOR THIS REASON, NO ONE WILL BELIEVE LYSENKO, NOW THAT HE HAS ADMITTEDLY FOUND HIS OLD IDEAS INCORRECT BECAUSE OF SOME NEW DATA OBTAINED IN SOME EXPERIMENTS (UNKNOWN TO ANYONE) CARRIED OUT IN SIBERIA A FEW YEARS AGO. IT MUST BE THE APPEARANCE OF SOME NEW POLITICAL FACTORS IN THE USSR THAT HAVE COMPELLED LYSENKO TO REPENT TWICE WITHIN HALF A YEAR THE THEORETICAL MISTAKES THAT HE HAD MADE.

IN HIS REPENTANCE LYSENKO DOES NOT EXPOSE ALL OF MICHURIN'S SCIENCE. MICHURIN'S SCIENCE MAY BE ABOLISHED IN THE KREMLIN BUT NOT IN THE ACADEMY OF SCIENCES. AS AN INDIVIDUAL, LYSENKO HIMSELF CANNOT SURVIVE THE DEATH OF MICHURIN'S SCIENCE. THE SOVIET POWER PUNISHES BY DEATH NOT ONLY STRANGERS BUT ITS OWN MEN FOR SUCH THINGS. THEREFORE, IN ORDER TO PACIFY HIS KREMLIN SUPERIORS AND HIS FOLLOWERS, LYSENKO OFFERS AGAIN HIS SOMEWHAT ALTERED METHOD WHICH MAY BE USED FOR CHANGING INHERITED CHARACTERS. THE METHOD PROPOSED IS BASED ON THE SAME PRINCIPLES WHOSE FALSITY LYSENKO HAS JUST ADMITTED.

ADMISSIONS OF MISTAKES ARE NOT MADE VOLUNTARILY BY SOVIET NOBLEMEN; SUCH ADMISSIONS CANNOT BE CONSIDERED AS A PURELY VOLUNTARY ACT. THIS TRUTH IS COMMON KNOWLEDGE IN THE USSR. AFTER LYSENKO HAD POINTED OUT THE EXISTENCE OF THEORETICAL MISTAKES IN HIS CONTRIBUTIONS, IT BECAME CLEAR TO ALL SOVIET BIOLOGISTS THAT THE THEORY OF NEW GENETICS WHICH HAD BEEN WORKED OUT BY LYSENKO IS NOW IN THE STAGE OF "CRITICISM AND SELF-CRITICISM".

THE CAMPAIGN OF "CRITICISM AND SELF-CRITICISM" IS USUALLY CARRIED OUT SIMULTANEOUSLY BY PARTY, SOVIET ADMINISTRATIVE, AND PROFESSIONAL ORGANS. DURING SUCH CAMPAIGNS THE RELIABILITY OF INDIVIDUAL KEY OFFICIALS IS CHECKED, AND, UNDER THE GUISE OF A CRITICISM OF MISTAKES OF INDIVIDUAL PERSONS, A TEST OF THE APPLICABILITY AND EFFECTIVENESS OF SOVIET MEASURES IS CARRIED OUT. IT IS SUPPOSED THAT THE ATTRACTION OF THE "WIDE PUBLIC", OF WHICH 90% ARE NON-PARTY SOVIET SERVANTS AND WORKERS, WILL ENABLE THE PARTY TO REPLACE CERTAIN SOVIET OFFICIALS WITH CERTAIN OTHERS; AND

THAT THIS WILL HELP CORRECT THE DEFECTS IN THE MANAGEMENT OF SOVIET AGRICULTURE WHICH THE KREMLIN ALONE CANNOT HANDLE TO DO.

THE CAMPAIGN OF "CRITICISM AND SELF-CRITICISM" IS MADE ONLY PARTIALLY PUBLIC. MOST OF IT IS CARRIED ON BEHIND THE CLOSED DOOR AT PARTY MEETINGS. WHEN THE MATERIAL NECESSARY TO THE SOVIETS IS ASSEMBLED, THE CAMPAIGN OF CRITICISM GOES ON TO THE NEXT PHASE WHICH IS CARRIED ON WITHOUT PUBLICITY BY ALL SOVIET ORGANS AND ORGANIZATIONS UNTIL SUCH A TIME AS NEW APPOINTMENTS ARE MADE; MEANWHILE, IN MANY CASES, SOVIET PEOPLE TELL EACH OTHER SECRETLY ABOUT NEW ARRESTS. THE SECRET POLICE FOLLOWS ALL THE SELF-CRITICISM ACTIONS VERY ATTENTIVELY.

SUCH CAMPAIGNS OF CRITICISM AND SELF-CRITICISM ARE CARRIED ON IMPARTIALLY AS "WORKING OVER" OF ANY SOVIET OFFICIAL, PARTY MEMBER, ENGINEER, SCIENTIST OR WRITER. IT IS ONLY NECESSARY THAT THE WORK OF THE PERSON CRITICISED BE MENTIONED UNFAVORABLY EITHER AT A MEETING OR IN PRINT. WAYS ARE POINTED OUT BY WHICH THE EXISTING DEFECTS MAY BE CORRECTED. ANY TALK ABOUT PAST ACHIEVEMENTS IS EXCLUDED AT SUCH MEETINGS. AT THE SAME TIME, THE REPRESENTATIVES OF AUTHORITY SEEK OUT AMONG THE PEOPLE WHO COME FORWARD SOME THAT MIGHT REPLACE THOSE WHOM THEY CRITICISE. A SOVIET OFFICIAL OR PARTY MEMBER UNDER CRITICISM MAY "SURVIVE" AND RETAIN HIS OLD POSITION NOT BECAUSE HE HAD SUCCEEDED IN PROVING THAT HE IS NOT TO BLAME FOR THE FAILURE OF A GIVEN TASK BUT ONLY IN CASE NO OTHER SUITABLE CANDIDATE IS FOUND DURING THE PROCESS OF CRITICISM.

IT IS HARD TO EXPECT A "REVOLUTION IN SCIENCE" IN THE USSR AT THE PRESENT TIME. ATTEMPTS TO FIND NEW PRINCIPLES AND DISCOVERIES THAT MIGHT MAKE "MICHURIN'S SCIENCE" SUFFICIENTLY EFFECTIVE HAVE NOT BEEN CROWNED WITH SUCCESS. SOVIET SCIENCE IS UP AGAINST IT! ACCORDING TO MALENKOV, SOVIET BIOLOGY CANNOT BE BUILT ON THE SAME PRINCIPLES ON WHICH WESTERN SCIENCE IS BASED. TO MAKE UP A NEW SOVIET SCIENCE TO REPLACE AN OLDER MADE-UP SCIENCE IS A FUTILE OCCUPATION. IN NATURE THERE IS BUT ONE BIOLOGICAL SCIENCE. IT IS ALREADY IN EXISTENCE AND IT HAS BEEN CREATED BY SCIENTISTS OF THE WHOLE WORLD. THOUSANDS OF SCIENTISTS IN THE MOST DIVERSE COUNTRIES ARE SEEKING CORRECT SOLUTIONS TO SCIENTIFIC PROBLEMS. IT IS THEIR DISCOVERIES ALONE THAT MOVE SCIENCE FORWARD. SCIENCE CANNOT PROGRESS IF ITS BASIS IS BUILT ON PRINCIPLES SUITED TO PARTY OR EVEN STATE INTERESTS.

THE CONSTANT INTERFERENCE OF THE PARTY WITH SCIENCE WHICH HAS BEEN GOING ON IN THE USSR IS FURTHER ILLUSTRATED BY LYSENKO. AS SOON AS MALENKOV POINTED AT THE 19TH CONGRESS TO A NUMBER OF DEFECTS IN SOVIET SCIENCE, LYSENKO, HEAD OF SOVIET SCIENCE, FINDS THESE DEFECTS AT ONCE. WHY DIDN'T HE SEE THEM BEFORE?

IT IS OF INTEREST TO NOTE ALSO THAT LYSENKO HAS NOT ONLY BEGUN TO FIND MISTAKES IN "ADVANCED SCIENCE" BUT HAS ALSO MENTIONED A NUMBER OF FACTORS WHICH IN HIS OPINION OBSTRUCT THE DEVELOPMENT OF SOVIET SCIENCE.

LYSENKO SAYS THAT THERE ARE QUITE A FEW OTHER DRAWBACKS. "THE ENVIRONMENT FOR A CREATIVE, FREE DISCUSSION OF NEW QUESTIONS ARISING IN BIOLOGICAL AND AGRICULTURAL SCIENCE HAS NOT YET BEEN CREATED. FREEDOM OF DISCUSSION OF DIFFERENT VIEWPOINTS SUPPORTED BY EXPERIMENTAL AND PRACTICAL DATA WOULD HELP SCIENTISTS ESTABLISH SCIENTIFIC TRUTHS. THERE ARE SOME SCIENTIFIC INSTITUTIONS THAT CONTRIBUTE LITTLE THEORETICAL KNOWLEDGE BY NEW INVESTIGATIONS AND HELP PRODUCTION VERY LITTLE. WE MUST ELIMINATE THE DEFECTS OF SUCH WORK AND MUST ORGANIZE A WIDE EXCHANGE OF OPINIONS AND CARRY OUT FREE DISCUSSIONS AMONG SCIENTIFIC WORKERS."

AN UNHEARD-OF PHENOMENON HAS TAKEN PLACE. WITHIN THE LIMITS OF A SINGLE PAGE WRITTEN IN CONCLUSION ON SUCH AN IMPORTANT OCCASION TO THE USSR AS THE DISCUSSION OF RESOLUTIONS MADE BY THE ALL-UNION PARTY CONGRESS, LYSENKO MANAGED TO SAY THE WORD "FREEDOM" THREE TIMES! LYSENKO WHO WITHIN A PERIOD OF THIRTY YEARS HAD WRITTEN OVER 100 PAPERS HAD NEVER ONCE MENTIONED THE WORD "FREEDOM" BEFORE. THE WORD "FREEDOM" IS GENERALLY NEVER USED IN SCIENTIFIC SOVIET PUBLICATIONS. THE WORD "FREEDOM" IS GENERALLY USED IN THE USSR ONLY IN HISTORICAL WORKS DESCRIBING THE REVOLUTIONARY STRUGGLE WITH CZARISM OR THE EVENTS IN CAPITALIST EUROPE OR AMERICA. THE BOLSHEVISTS THEMSELVES SPEAK OF THE SO-CALLED "DEMOCRACY WITHIN PARTY LIMITS" BUT NOT OF ANY FREEDOM OF OPINION, ASSEMBLY, OF THE PRESS, ETC. LYSENKO DOES NOT WISH TO BE GIVEN THE RIGHT TO THESE "FREEDOMS" FOR, TO BE SURE, THEY HAVE NOTHING IN COMMON WITH "CRITICISM AND SELF-CRITICISM".

OF COURSE LYSENKO WILL NOT GET ANY FREEDOM. YOU CANNOT GIVE "FREEDOM" TO A SOVIET LORD OF SCIENCE AND DENY IT TO OTHERS SUCH AS; FOR EXAMPLE, PARTY MEMBERS, THE MILITARY, THE POLICE, THE ADMINISTRATIVE OFFICIALS, ETC. FREEDOM IS NOT COMPATIBLE WITH THE POLICY OF THE IRON CURTAIN, THE COLD WAR, AND DICTATORSHIP IN GENERAL. A SCIENTIST CAN BE A REAL SCIENTIST ONLY WHEN HE IS FREE, BUT IN ORDER THAT HE IS, THE PEOPLE AMONG WHOM HE LIVES AND WORKS MUST ALSO BE FREE.

WITH LYSENKO'S HELP, THE BOLSHEVIKS WERE ABLE TO KILL AND TO EXILE THOUSANDS OF RUSSIAN SCIENTISTS. THESE MEN WERE ANNIHILATED BECAUSE THEY REFUSED TO BE DENIED THE FREEDOM OF SCIENTIFIC THOUGHT. BECAUSE OF THE DEATH AND EXILE OF RUSSIAN SCIENTISTS, THE TRIUMPH OF LYSENKOISM WAS ACHIEVED; THIS SET RUSSIAN SCIENCE SEVERAL CENTURIES BACK.

AS EXPECTED, THE ACTUAL CREATIVE POSSIBILITIES OF LYSENKOISM WERE INSIGNIFICANT. LYSENKOISM WILL SOON BE ABLE TO CELEBRATE THE TWENTY-FIFTH ANNIVERSARY OF ITS TRIUMPH IN THE SOVIET UNION. NEVERTHELESS, ITS SCIENTIFIC AND PRACTICAL ACHIEVEMENTS HAVE NO OBJECTIVE VALUE WHATSOEVER. THE LYSENKOISTS HAD GOOD MATERIAL POSSIBILITIES TO CARRY ON THEIR "INVESTIGATIONS". ALL THE SCIENTIFIC LABORATORIES, INSTITUTIONS, AND EXPERIMENT STATIONS WERE TURNED OVER TO THEM COMPLETELY. TO ASSIST IN THEIR WORK THEY CALLED ON AN ENORMOUS NUMBER OF NEW HELPERS WHO KNEW THE "DIALECTIC METHOD OF INVESTIGATION". NEVERTHELESS, THEY ARE GASPING FOR THE LACK OF ANY PROGRESSIVE SCIENTIFIC IDEA. AND THAT IS WHY LYSENKO NEEDS NEW IDEAS WHICH HE HOPES TO GET TOGETHER WITH HIS "FREEDOM".

WHILE REMAINING OFFICIALLY FAITHFUL TO MICHURIN'S SCIENCE, LYSENKO BELIEVES THAT, THANKS TO THE LACK OF SCIENTIFIC COMPETITION IN THE USSR, HE WILL BE ABLE TO MAKE A NUMBER OF NEW BIOLOGICAL DISCOVERIES WHICH WILL RENDER MICHURIN'S SCIENCE BETTER SUITED FOR THE SOLUTION OF THEORETICAL AND PRACTICAL PROBLEMS. TO BE SURE, IT IS A QUESTION NOT OF THE EVOLUTION OF MICHURIN'S SCIENCE BUT OF ITS NEW FALSIFICATION. THIS NEW THEORY WILL PROBABLY INCLUDE A FEW DISTORTED ELEMENTS OF REAL BIOLOGICAL, GENETICAL, AND SELECTIVE BREEDING SCIENCES. THIS CHANGE-OVER IS ALREADY IN THE MAKING.

FOR EXAMPLE, LYSENKO IS NOW RECOMMENDING TO THE SOVIET ZOOLOGICAL WORKERS THAT THEY USE THE WIDEST SCOPE AND TO THE BEST POSSIBLE ADVANTAGE THE FINEST PRODUCERS FOUND AMONG HERDS OF CATTLE. THERE IS NO NEED TO PROVE THAT IN ANIMAL BREEDING, THE PURITY AND THE HIGH QUALITY OF THE PARENT STOCK IS OF GREAT IMPORTANCE. BY USING PUREBRED STOCK WE HAVE A BETTER GUARANTEE THAT THEIR DESIRABLE INHERITED QUALITIES FOR PRODUCTIVITY WILL BE RETAINED IN THE PROGENY.

WE TOO, WOULD LIKE TO REPEAT THAT "THERE IS NO NEED TO PROVE" THAT THIS LATEST DISCOVERY OF SOVIET SCIENCE CAN BE FOUND IN ANY TEXTBOOK ON SELECTIVE BREEDING PUBLISHED IN ANY LANGUAGE IN ANY COUNTRY THAT IS NOT INCLUDED IN THE SOVIET SYSTEM.

IN THIS MANNER, LYSENKO IS HOPING TO SAVE HIS LIFE. VERBALLY HE SUPPORTS THE "DESIRABLE TYPE" OF SOVIET SCIENCE; BUT THE PRACTICAL AGRICULTURAL PROBLEMS HE HOPES TO SOLVE BY METHODS WHICH "THERE IS NO NEED TO PROVE" AND BY THE USE OF INTUITION AND THE INBORN COMMON SENSE OF THE RUSSIANS.

NEITHER LYSENKO NOR MALENKOV WANT TO MAKE SCIENCE IN THE USSR REALLY FREE. A FREE COUNTRY AND A FREE SCIENCE ARE NOT COMPATIBLE EITHER WITH LYSENKO'S MICHURIN SCIENCE OR WITH STALIN'S OR MALENKOV'S DICTATORSHIP.

SOVIET COMMUNISM DEMANDS THAT ALL MEASURES TAKEN BY THE SOVIET COUNTRY, ITS EXTERNAL AND INTERNAL POLITICS, SHOULD ALWAYS BE SUBORDINATE TO PARTY AIMS ALONE. TO ACHIEVE THIS, THE "THEORISTS OF COMMUNISM" DEEM IT NECESSARY TO USE DIFFERENT METHODS OF INTERNAL AND EXTERNAL POLITICS AS NEEDED, TO CHANGE THE TYPE OF PROPAGANDA, ETC. ONLY THE MAIN OBJECT OF SOVIET COMMUNISM - THE ATTAINMENT OF WORLD RULE OF COMMUNISM--REMAINS UNCHANGED.

WITH THE CHANGES IN THE CURRENT POLICIES OF THE SOVIET EMPIRE, THE KREMLIN ALSO CHANGES ITS "ATTITUDE" TOWARD SCIENCE, ART, RELIGION.

THE HISTORY OF THE DEVELOPMENT OF SCIENCE IN THE USSR REFLECTS INCREASINGLY GREATER POLITICAL CHANGES WHICH HAVE TAKEN PLACE WITHIN THE SOVIET UNION. A RELATIVELY FREE SCIENCE AT THE TIME OF NEP (NEW ECONOMIC POLICY) WAS REPLACED BY LYSENKOISM AT THE TIME OF COLLECTIVIZATION AND INDUSTRIALIZATION OF THE COUNTRY. THE ERA OF AGREEMENT BETWEEN STALIN AND HITLER WAS MARKED BY THE ARREST OF N. I. VAVILOV AND A THOUSAND OTHER SCIENTISTS. AT THE TIME OF THE LAST WORLD WAR, SOVIET OFFICERS AGAIN PUT ON SHOULDER PIECES SO TYPICAL OF THE OLD RUSSIAN ARMY. PERSECUTIONS OF THE CHURCH WERE DIMINISHED AND SOVIET GENETICISTS WERE AGAIN ABLE TO WRITE A NUMBER OF ARTICLES IN WHICH THE GENERALLY-ACCEPTED PRINCIPLES OF WORLD SCIENCE WERE USED. WHEN THE COLD WAR DEVELOPED BETWEEN THE WEST AND THE KREMLIN, SOVIET GENETICISTS WERE SUBJECTED TO PERSECUTION FOR THE SCIENTIFIC PAPERS WHICH THEY HAD WRITTEN DURING THE WAR. JUST AT THAT TIME, "WORLD" SCIENCE WAS COMPLETELY LIQUIDATED IN THE USSR.

THE YEAR 1952 IS MARKED BY A RAPID GROWTH OF MILITARY POWER OF RED CHINA. THE POSITION OF THE SOVIETS BECOMES SECURE ON THE ASIATIC CONTINENT. ON THE OTHER HAND, IN THE COUNTRIES OF WESTERN EUROPE, THE POLICIES OF THE KREMLIN SUFFER NUMEROUS SETBACKS. THE ATLANTIC PACT BECOMES A REALITY. THE COLD WAR IN EUROPE HAS HELPED THE REDS TO SEIZE CHINA BUT HAS NOT GUARANTEED A SIMILAR VICTORY IN EUROPE. THERE AROSE THE NEED TO CHANGE THE CURRENT POLICY AT THE KREMLIN. IN THE EXTERNAL POLICIES OF THE KREMLIN, PEACEFUL NOTES BECOME AUDIBLE. THE DEATH OF STALIN SEEMS TO INCREASE THE OPPORTUNITY FOR COMPROMISE BETWEEN THE WEST AND THE SOVIETS.

AT THE SAME TIME, WITHIN THE USSR, IMPROVEMENTS IN THE STANDARD OF LIVING OF ORDINARY CITIZENS ARE BROUGHT ABOUT. THERE IS A DROP IN THE PRICE OF PRODUCE AND GOODS. AMNESTIES ARE GRANTED TO CRIMINALS.

THIS HOOD INFILTRATES SOVIEY SCIENCE. REGRETTING HIS MISTAKES, LYSENKO BEGS FOR HIMSELF AND FOR HIS FRIENDS THE "CREATION OF AN INVIRONMENT" FOR THE CONSTRUCTIVE FREE DISCUSSION OF DIFFERENT POINTS OF VIEW, ETC.

THE PARALLEL BETWEEN THE NEW "PEACEFUL" EXTERNAL POLICY OF THE KREMLIN AND THE DESIRE OF RED SCIENTISTS TO HAVE "FREEDOM" OF SCIENCE IS EASILY TRACED. }

WE KNOW THAT AS LONG AS COMMUNIST DICTATORSHIP EXISTS IN RUSSIA, ITS PRINCIPLE OF "ACHIEVING WORLD LEADERSHIP OF COMMUNISM" REMAINS CONSTANT. AND THEREFORE, THE PEACE ATTACK OF THE KREMLIN WILL NOT BRING HUMANITY EITHER FREEDOM OR JOY OR SAFETY. THE BIRTH OF FREE SCIENCE IS IMPOSSIBLE IN THE USSR.

\* \* \* \* \*

**Page Denied**

Next 1 Page(s) In Document Denied