

THE GOVERNMENT OF THE KYRGYZ REPUBLIC**DECREE # 75****House of Government, Bishkek****February, 12 1997****On Measures for stabilisation and improvement of crops seed breeding in the Kyrgyz Republic**

The Government of the Kyrgyz Republic notes that over the last years decline in production resulting from delays in reorganisation affected specialised kolkhozes, sovkhoses and other agricultural enterprises, especially seed farms.

The seed breeding basis generated for the previous years has been lost. Seed cleaning and other agricultural machinery is physically and morally outdated, barn yards, warehouses and other seed facilities need renovation.

The network of seed farms has been considerably reduced from 115 farms in 1990 to 46 in 1994, that immediately brought about acute decrease in seed production and marketing as well as deterioration of quality. Financially constrained farming units are in no position to check the quality in the laboratories on a regular basis.

The transfer of rayon Seed Inspections financing to local budgets significantly reduced the amount of check samples and affected the quality of seed preparation prior to planting. The offices and equipment of laboratories need urgent renovation and renewal.

Local state administrations do not adequately respond to the need of organisation of regional seed breeding services and structures. Namely for that reason, material and technical resources and laboratory equipment of variety testing farms and state experimental farms had not been replenished since 1989. In total, the number of such farms reduced from 23 in 1990 to 15 in 1996 while the number of conducted experiments reduced from 3109 to 1185, i.e. three times less.

The level of primary cereals seed breeding in the farms of Kyrgyz Agrarian academy has downgraded considerably, actually no work is conducted with cucurbits and fodder crops.

The transfer of potato seed breeding on virus free basis is conducted very slow. No serious effort in selection and breeding of oil crops, development of new local varieties, reproduction of fruit and grapes planting stock is made.

Researchers and specialists of Kyrgyz Agrarian Academy never use the system of pilot farms and demonstration plots for demonstration of new promising varieties and hybrids and training of farmers in specific techniques of high quality planting stock growing.

Accounting for the need to observe functional principals and laws of international community the existing system of certification is not adequate to international level.

As the Republic is situated in the risky farming zone it is facing serious difficulties in overcoming continuous shortages of high class, highly reproductive seeds namely because of untimely disbursement and deficit of credit resources for organisation of state insurance and seed reserves.

In order to stabilise and improve seed breeding, the Government of the Kyrgyz Republic decrees:

1. To endorse the attached lists:

- of agricultural enterprises of the Kyrgyz Republic endowed with a status of seed farms producing and marketing variety and hybrid seeds of crops (Attachment 1);
- of state variety testing farms, state variety testing plots, seed farms and leasing units of "Sortsemovosh" of MAWR (Attachment 2);

2. To entitle Ministry of Agriculture and Water Resources and Agrarian Academy to submit proposals to the Government of the Kyrgyz Republic on status endowment to agricultural enterprises regardless the mode of ownership which have adequate facilities for production of high quality seeds and deprivation of the status in case of abuses of seed legislation by farming units;
3. MAWR, MOF and Kyrgyz Agrarian Academy shall submit Regulations on seed certification to the Government of the Kyrgyz Republic and name the exact location of Republican seed certification centre within a month term.
4. To approve the attached assignments for oblast state administrations for provision of insurance and seed reserves of staple crops into Republican resources by seed farms.
5. MAWR of the Kyrgyz Republic shall provide farming units operating in upland with difficult and unfavourable natural and climatic conditions and affected by natural disasters with staple crops seeds including Elite and first generation seeds of cereals in order to provide planned strain renovation and strain changing.
To allow MAWR of the Kyrgyz Republic for annual correction of the volume of procured staple crops seeds as appropriate.
1. To define the Osh inter-oblast seed farm of the Kara-Suu rayon and the Chui seed farm of the Sokuluk rayon as accountable Custodians of insurance and seed funds.
To allow MAWR to engage other enterprises having appropriate storage facilities on a contract basis for storage of insurance and seed funds.
7. MAWR of the Kyrgyz Republic and Kyrgyz Agrarian Academy shall develop National Programme of high quality seeds self-sufficiency predominantly at the expense of varieties and hybrids of local selection.
8. MAWR of the Kyrgyz Republic shall:
 - ensure the most efficient allocation of credit resources disbursed through investment programmes of seed breeding support for implementation of National Programme of high quality seed supply;
 - expand international co-operation in selection and seed breeding.
9. The management of State JSC “Kyrgyztamekisy”, Kainda sugar plant, cotton and tobacco processing enterprises in collaboration with MAWR shall make a decision on annual disbursement of credit in kind: variety and hybrid seeds of sugar-beet, cotton and tobacco for planting at the expense of grown raw material of the above mentioned crops.
10. Heads of local administrations shall:
 - supervise the provision of farming units with planting stock in full and procurement of staple crops seeds for insurance and seed funds from their farms;
 - take immediate measures for rehabilitation and renovation of seed-testing laboratory buildings and equipment; allocate local budgetary resources to raise salaries of State Seed Inspections staff, equating them to salaries of agricultural departments staff;
 - to provide overall support to state variety testing farms and plots strengthening material and technical basis, reorganising them in centres for dissemination of positive local and foreign experience in plant breeding and introduction into production processes;
 - assist in organisation of seed breeding services (associations) on oblast level to tackle operational matters in seed breeding defining sources of financing.
11. Kyrgyz Agrarian Academy shall;

- provide for the development of new highly productive varieties and hybrids of crops and effective primary seed breeding;
 - organise training for managers of seed farms and other farming units on basics of seed breeding and crop growing technology on the basis of research institutes, educational and experimental establishments, regional testing stations and agricultural technicums as well as training of seed breeders staff by means of professional development courses in the leading breeding centres of the developed countries with subsequent targeted allocation of required financial resources;
 - enhance research work in potato growing on virus free basis;
 - expand research work in development and breeding of new promising fruit and grapes varieties;
 - accelerate selection of types and varieties of oil-seed crops and development of technology growing.
12. To determine that machinery and livestock stations of Republican association of pastures and land reclamation bear full responsibility for arid crops seed production in amount meeting the requirements of peasant, individual farms and other farming units with subsequent granting of seed farms benefits and allocation of budgetary resources.
13. Ministry of Finance shall:
- provide for annual allocation of financial resources out of recoveries of loans in default for credit in kind for successful implementation National Programme of high quality seeds self-sufficiency bred and produced locally;
 - in collaboration with MAWR identify sources of recovery of costs related to storage, transportation, disinfecting and quality control of insurance and seed funds of Republican resources deployed in specialised enterprises of Kyrgyzstan.
14. The provisions of this Decree hereby replace those of Decree # 745 of October 4th 1994 "On endorsement of list of seed and pedigree livestock farms of the Kyrgyz Republic".
15. Vice Prime minister B. Talgarbekov bears responsibility for implementation of this Decree.

Prime minister

Jumagulov

Attachment 1
to Decree of the Government of the Kyrgyz Republic

LIST

of agricultural enterprises endowed with seed farm status for production and marketing of variety and hybrid seeds of crops.

| Seed farm | Profile |
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| Seed farms entitled to primary seed breeding | |
| <u>The Osh oblast</u> | |
| Kyrgyz cotton strain testing station of Agrarian Academy in Kara-Suu | cereals, cotton, veg and cucurbits |
| Scientific-production agricultural co-operative "Tameky" in the Uzgen rayon | tobacco, Lucerne |
| <u>The Issyk-Kul oblast</u> | |
| Issyk-Kul strain testing station-JSC "Chelpek" of Agrarian Academy in the Ak-Suy rayon | cereals, potato, veg |
| Experimental seed farm "Boru-Bash" of Agrarian Academy in the Ak-Suy rayon | sainfoin, cereals, herbs |
| <u>The Chui oblast</u> | |
| Experimental farm of Scientific-production amalgamation on land farming of Agrarian Academy in the Sokuluk rayon | cereals, maize, veg and cucurbits |
| Experimental seed farm of Kyrgyz Institute of Pastures and fodder of Agrarian Academy in the Sokuluk rayon | Lucerne, cereals and herbs |
| Kyrgyz experimental sugar beet seed farm of Agrarian Academy in the Sokuluk rayon | cereals, oil-seed, sugar beet |
| Ist Group seed farms entitled to production and marketing of Elite and first generation seeds | |
| <u>The Osh oblast</u> | |
| Seed farm "Pahta-Aral" in the Aravan rayon | cotton |
| Seed farm "Ak-Altyn" in the Kara-Suu rayon | cotton |
| Seed farm Samat in Laylak rayon | cereals |
| Seed farm Mirmahmudova in the Nookat rayon | cereals |
| Seed farm "Altyn-Dan" in the Uzgen rayon | cereals |
| <u>The Jalal-Abad oblast</u> | |
| Seed farm "Padek" in the Ala-Buke rayon | cereals |
| JSC "Munduz" in the Bazar-Korgon rayon | cereals |
| Seed farm "Semena" in the Suzak rayon | cotton |
| Seed farm Alymjana Yunusova in the Suzak rayon | cotton |
| Seed farm "Ketmen-Tyube" in the Toktogul rayon | cereals |
| <u>The Issyk-Kul oblast</u> | |
| Seed farm "Zarya" in the Ak-Sui" rayon | cereals, potato |
| Seed farm Kalinina in the Issyk-Kul rayon | cereals, oil-seed, sainfoin |
| Seed farm "Ay-Jol" in the Ton rayon | cereals |

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| Seed farm 50 years of USSR in the Tyup rayon | cereals sainfoin |
| <u>The Naryn oblast</u> | |
| Seed farm Turdakuna Usubalieva in the Kochkor rayon | cereals |
| Naryn experimental station of Agrarian Academy in the Naryn rayon | cereals |
| <u>The Talas oblast</u> | |
| Seed farm "Krasnaya zarya" in the Bakay-Ata rayon | cereals, sainfoin |
| Talas oblast experimental station Suvanberdieva of Agrarian Academy in the Manas rayon | |
| Seed farm "Kara-Buura" in the Kara-Buura rayon | cereals |
| <u>The Chui oblast</u> | |
| JSC "Chon-Kemin" in the Kemin rayon | potato |
| Seed farm "Boroldoy" in the Kemin rayon | cereals |
| Seed farm "XXII Partsyezda" in the Alamudun rayon | veg, cucurbits |
| Seed farm "9 maya" in the Issyk-Ata rayon | cereals |
| JSC "Jany-Pahta" of Agrarian Academy in the Sokuluk rayon | cereals |
| Seed farm "Rassvet" in the Sokuluk rayon | cereals, veg, Lucerne |
| Seed farm "Shopokova" in the Sokuluk rayon | cereals, veg, Lucerne |
| Seed farm "Rossiya" in the Moskovsky rayon | cereals |
| II Group seed farms entitled to production and marketing of first, second and third generation seeds | |
| <u>The Osh oblast</u> | |
| Seed farm "Jany-Alay" in the Alay rayon | cereals |
| Seed farm Kochubaeva in the Aravan rayon | cereals |
| Seed farm "Birlik" in the Aravan rayon | cotton |
| Seed farm "Bujum" in the Batken rayon | cereals, safflower |
| Seed farm "Kara-Kulja" in the Kara-Lulja rayon | cereals |
| Seed farm "Sary-Tash" in the Kara-Kulja rayon | cereals |
| State experimental seed farm "Kara-Dobo" in the Kadamjay rayon | cereals |
| State experimental seed farm "Elita" in the Kadamjay rayon | cereals |
| State experimental seed farm "Kyrgyzstan" in the Kadamjay rayon | cereals |
| State experimental seed farm "Uch-Korgon" in the Kadamjay rayon | cereals |
| State experimental seed farm "Dostuk" in the Kadamjay rayon | cereals |
| Seed farm Sulaymanova in the Kara-Suu rayon | cereals, cotton |
| Seed farm "Communism" in the Kara-Suu rayon | cereals, cotton |
| Seed farm "Otuz-Adyr" in the Kara-Suu rayon | cereals |
| Individual farm "Ozgorush" in the Kara-Suu rayon | cereals |
| Seed farm "Kok-Jar" in the Nookat rayon | cereals, safflower |
| Peasant farm "Sakoba" in the Nookat rayon | cereals, safflower |
| Peasant farm "Katta-Tash" in the Nookat rayon | cereals |
| State experimental seed farm "Jazy" in the Uzgen rayon | cereals |
| State experimental seed farm "Myrza Ake" in the Uzgen rayon | cereals, safflower |
| <u>The Jalal-Abad oblast</u> | |
| JSC "Kok-Saray" in the Aksiy rayon | cereals |
| Seed farm "Ak-Korgon" in the Nookat rayon | cereals, safflower |
| JSC "Apyrtan" in the Nookan rayon | cereals, safflower |
| Seed farm "Moskva" in the Nookan rayon | cereals, cotton |

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| State seed farm Kalinina in the Nookan rayon | cereals, cotton |
| Seed farm "Kanykey" in the Bazar-Korgon rayon | cereals, veg |
| JSC "Kok-Art" of Agrarian Academy in the Suzak rayon | cereals |
| JSC "Dostuk" in the Suzak rayon | cereals |
| Seed farm Barpy in the Suzak rayon | cereals |
| Seed farm "Altyn-Mashak" in the Suzak rayon | cereals |
| Seed farm "Tel-Toruu" in the Suzak rayon | cereals |
| Peasant farm "Byrdyk" in the Suzak rayon | cereals |
| Seed farm "Erkyndyk" in the Suzak rayon | cereals |
| Seed farm "Atay" in the Toguz-Toro rayon | cereals |
| Seed farm "Bekten" in the Uch-Terek rayon | cereals |
| Seed farm "Chakmak-Suu" in the Chatkal rayon | cereals |
| <u>The Issyk-Kul oblast</u> | |
| JSC "Darkan" in the Jety-Oguz rayon | cereals, sainfoin |
| Seed farm "Yntymak" in the Tyup rayon | cereals |
| Seed farm "Jer-Ene" in the Tyup rayon | cereals |
| Seed farm "Dyikan" in the Tyup rayon | cereals |
| Seed farm "Kelechek" in the Tyup rayon | cereals |
| The Issyk-Kul agricultural technicum of Agrarian Academy in the Tyup rayon | cereals, potato |
| Peasant farm-nursery "Gulstan" in the Ton rayon | fruit trees seedlings |
| <u>The Naryn oblast</u> | |
| Seed farm "Terek" in the Ak-Tala rayon | cereals, safflower |
| <u>The Talas oblast</u> | |
| Seed farm "Kumushtak" in the Bakay-Ata rayon | cereals |
| Collective peasant farm "Ogotur" in the Bakay-Ata | cereals, sainfoin |
| JSC "Manas" in the Manas rayon | cereals, Lucerne |
| Seed farm "Talas" in the Manas rayon | cereals |
| State breed nursery "Jergetalski" of Agrarian Academy in the Talas rayon | cereals, sainfoin |
| Seed farm Nurjanova in the Talas rayon | cereals |
| Seed farm "Besh-Tash" in the Talas rayon | cereals, sainfoin |
| <u>The Chui oblast</u> | |
| JSC "Kyzyl Octyabr" in the Kemin rayon | cereals |
| Seed farm "Talkan" in the Moskovski rayon | cereals |
| Seed farm Aiytkula in the Kemin rayon | cereals |
| JSC "Burkut" in the Kemin rayon | cereals, Lucerne |
| Seed farm "Bek" in the Kemin rayon | cereals |
| Seed farm "Utch-Uruk" in the Kemin rayon | cereals |
| Seed farm "Ak-Tilek" in the Chui-Tokmak rayon | cereals |
| Seed farm "Ala-Too" in the Chui-Tokmak rayon | cereals |
| Seed farm "Syn-Tash" in the Issyk-Ata rayon | cereals, Lucerne |
| Seed farm "Komintern" in the Jayil rayon | cereals |
| Seed farm Ilyicha in the Jayil rayon | cereals |
| Seed farm "Druzhba" in the Moskovski rayon | cereals, safflower |
| JSC "Arstanbek" in the Panfilov rayon | cereals, sugar beet |
| Seed farm "Panfilov" in the Panfilov rayon | cereals, oil-seed crop, Lucerne |

Seed farm “Kochkorbayevo” in the Issyk-Ata rayon
Seed farm “Arashsan” in the Issyk-Ata rayon

cereals, veg
cereals

Note: Seeds are produced by seed farms in the land of Agricultural reallocation Fund of MAWR, except for seed farms of Kyrgyz Agrarian Academy

Head of the Government Office of the Kyrgyz Republic

Attachment 2

List

of seed variety testing farms, state variety testing plots, seed farms and leasing units of "Sortsemovosh"
of Ministry of Agriculture and Water resources

| Oblasts | Rayons | State variety testing farms <u>Self-supporting state variety testing farms and variety testing plots</u> |
|------------|--------------------|---|
| Osh | Kara-Suu | Kara-Suu complex state variety testing plot |
| Osh | town of Kyzyl-Kiya | Kyzyl-Kiya state variety testing plot |
| Osh | Uzgen | Uzgen state variety testing farm |
| Osh | Uzgen | Uzgen dry land state variety testing plot |
| Jalal-Abad | Suzak | Oktiyabrski fruit and berries state variety testing plot |
| Issyk-Kul | Ak-Sui | Ak-Sui state variety testing farm |
| Talas | Bakay-Ata | Leninpol complex state variety testing plot |
| Chui | Issyk-Ata | Tokmak state vegetable variety testing plot |
| Chui | Sokuluk | Sokuluk complex state variety testing plot |

State variety testing plots located on farms

| | | |
|-----------|-----------|--|
| Osh | Laylak | Laylak dry land state variety testing plot on the basis of collective seed farm Samata |
| Osh | Osh | Osh silkworm breeding state variety testing plot on the basis of Osh breeding nursery |
| Issyk-Kul | Issyk-Kul | Issyk-Kul fruit and berry state variety testing plot on the basis of a stud farm # 54 |
| Chui | Alamudun | Alamudun upland fruit and berry state variety testing plot on the basis of sovkhos "Alamudun" |
| Chui | Bishkek | Frunze state vegetable state variety testing plot of the sheltered ground on the basis of JSC "Teplychniy" |
| Chui | Sokuluk | Sokuluk state entophyte plot on the basis experimental farm of Kyrgyz Scientific-production amalgamation on land farming |

Seed farms of MAWR

| | | |
|------|----------|------------------------------------|
| Osh | Kara-Suu | Osh inter-oblast seed farm |
| Osh | Kara-Suu | Kyrgyz Republican cotton seed farm |
| Chui | Sokuluk | Chui seed farm |

Leasing units of "Sortsemovosh"

| | | |
|------------|--------------------|--|
| Osh | town of Kyzyl-Kiya | Osh leasing unit "Sortsemovosh" |
| Jalal-Abad | Jalal-Abad | Jalal-Abad leasing unit "Sortsemovosh" |
| Issyk-Kul | Karakol | Issyk-Kul oblast amalgamation "Sortsemovosh" |
| Naryn | Kochkor | Naryn oblast seed base "Sortsemovosh" |
| Chui | Bishkek | Republican leasing unit "Sortsemovosh" |
| Chui | Chui-Tokmak | Tokmak leasing unit "Sortsemovosh" |

Head of the Government office
of the Kyrgyz Republic