



Punjab (Pakistan) - Uzbekistan

— *Collaboration* —
in
**LIVESTOCK
&
AGRICULTURE**



Government of the Punjab, Pakistan

Message Chief Minister of Punjab

Pakistan and Uzbekistan are bound together by centuries of shared history, cultural affinity and mutual respect. Today, our relationship is evolving into a dynamic economic partnership, with livestock and agriculture serving as key pillars for strengthening bilateral cooperation, enhancing regional food security and promoting inclusive economic growth.

Punjab is internationally recognized for its vibrant livestock sector, which contributes significantly to the provincial economy. The province is home to world-renowned breeds including the Nili-Ravi buffalo, Sahiwal cattle, Beetal goats and premium sheep breeds, offering exceptional prospects in dairy development, meat processing, animal breeding, veterinary pharmaceuticals, feed manufacturing, genetics and high-value livestock products.

Punjab is blessed with fertile lands, one of the world's largest integrated irrigation systems, favorable climatic conditions and a resilient farming community. As Pakistan's leading agricultural province, Punjab produces abundant wheat, rice, cotton, potato, maize, sugarcane, fruits and vegetables, creating vast opportunities in agribusiness, food processing, value addition, agricultural technology and export-oriented industries.

My Government is firmly committed to transforming Punjab into a modern, competitive and investment-friendly destination. Punjab offers attractive investment opportunities across the entire livestock and agriculture value chain, including dairy and meat processing, livestock breeding, animal health services, feed manufacturing, cold-chain infrastructure, warehousing, logistics, seed production, smart irrigation technologies, farm mechanization, agro tech solutions and export-oriented value addition. Through innovation, technology transfer and international collaboration, we are creating an enabling ecosystem for both domestic and foreign investors.

Maryam Nawaz Sharif
Honorable Chief Minister of Punjab



Murojaat Panjob bosh vaziri

Pokiston va O'zbekistonni asrlar davomidagi umumiy tarix, madaniy yaqinlik va o'zaro hurmat bog'lab turadi. Bugungi kunda munosabatlarimiz dinamik iqtisodiy hamkorlikka aylanib bormoqda, chorvachilik va qishloq xo'jaligi ikki tomonlama hamkorlikni mustahkamlash, mintaqaviy oziq-ovqat xavfsizligini oshirish va inklyuziv iqtisodiy o'sishni rag'batlantirishning asosiy ustunlari bo'lib xizmat qilmoqda.

Panjob o'zining jonli chorvachilik sektori bilan xalqaro miqyosda tan olingan bo'lib, bu viloyat iqtisodiyotiga katta hissa qo'shadi. Viloyatda Nili-Ravi bufalosi, Sahiwal qoramoli, Beetal echkisi va premium qo'y zotlari kabi dunyoga mashhur zotlar mavjud bo'lib, sut mahsulotlarini ishlab chiqarish, go'shtni qayta ishlash, chorvachilik, veterinariya farmatsevtikasi, ozuqa ishlab chiqarish, genetika va yuqori qiymatli chorvachilik mahsulotlarida ajoyib istiqbollarni taklif etadi.

Panjob unumdor yerlarga, dunyodagi eng yirik integratsiyalashgan sug'orish tizimlaridan biriga, qulay iqlim sharoitlariga va bardoshli dehqonchilik hamjamiyatiga ega. Pokistonning yetakchi qishloq xo'jaligi viloyati sifatida Panjob mo'l-ko'l bug'doy, guruch, paxta, kartoshka, makkajo'xori, shakarqamish, meva va sabzavotlar yetishtiradi, bu esa agrobiznes, oziq-ovqat mahsulotlarini qayta ishlash, qiymat qo'shish, qishloq xo'jaligi texnologiyalari va eksportga yo'naltirilgan sanoatda keng imkoniyatlar yaratadi.

Mening hukumatim Panjobni zamonaviy, raqobatbardosh va investitsiyalarga qulay joyga aylantirishga qat'iy sodiqdir. Panjob chorvachilik va qishloq xo'jaligi qiymat zanjiri bo'ylab, jumladan, sut va go'shtni qayta ishlash, chorvachilik, hayvonlar salomatligi xizmatlari, ozuqa ishlab chiqarish, sovuq zanjirli infratuzilma, omborxona, logistika, urug'chilik, aqlli sug'orish texnologiyalari, fermer xo'jaliklarini mexanizatsiyalashtirish, agrotexnologiya yechimlari va eksportga yo'naltirilgan qiymat qo'shish kabi barcha sohalarda jozibador investitsiya imkoniyatlarini taklif etadi. Innovatsiya, texnologiyalar transferi va xalqaro hamkorlik orqali biz mahalliy va xorijiy investorlar uchun qulay ekotizim yaratmoqdamiz.

Maryam Navaz Sharif
Hurmatli Panjob bosh vaziri



Punjab's Livestock Outlook

Livestock Sector is a key driver of Pakistan's economy & leading force in agricultural growth:

- 14.6% share in national GDP with growth rate of 3.75%
- Contributing 62.4% to overall agriculture economy
- Accounting for 3.0% of total exports

Pakistan - livestock population & Indigenous Breeds

Animal	Pakistan	Punjab	% Share	Indigenous Breeds
Buffalo	49.10 M	30.54 M	62.2%	Nili-Ravi
Cattle	61.96 M	30.05 M	48.5%	Sahiwal, Cholistani
Sheep	33.50 M	10.05 M	30.0%	Lohi, Thalli, Kajli
Goat	91.80 M	30.11 M	32.8%	Beetal, Teddy, Dera Din Panah, Nachi
Camel	1.2 M	0.26 M	22.0%	Marecha, Brela, Bagri Campbelpuri

Reference: (Economic Survey of Pakistan 2025-26)

Milk and Meat Production Capacity

Region	Milk (Billion litres)	Beef (Million tons)	Mutton (Million tons)
Pakistan	75.00	2.72	0.89
Punjab	45.00 (60.0%)	1.2 (44.3%)	0.29 (32.2%)

"Panjob Chorrachilik Istiqbollari"

Chorrachilik sektori Pokiston iqtisodiyotining asosiy drayveri (harakatlantiruvchi kuchi) va qishloq xo'jaligi rivojlanishining yetakchi omilidir:

- Yalpi ichki mahsulotda (YIM) 14.6% ulush, o'sish sur'ati 3.75%
- Umumiy qishloq xo'jaligi iqtisodiyotiga 62.4% hissa qo'shmoqda
- Umumiy eksportning 3.0% qismini tashkil etadi

"Pokiston — chorva mollari soni va mahallinen zotlar"

Hayvon	Pokiston	Panjob	Ulushi %	Mahallinen Zotlar
Buyvollar	49.10 M	30.54 M	62.2%	Nili-Ravi
Qoramollar	61.96 M	30.05 M	48.5%	Sahiwal, Cholistani
Qo'ylar	33.50 M	10.05 M	30.0%	Lohi, Thalli, Kajli
Echkilar	91.80 M	30.11 M	32.8%	Beetal, Teddy, Dera Din Panah, Nachi
Tuyo	1.2 M	0.26 M	22.0%	Marecha, Brela, Bagri Campbelpuri

Reference: (Economic Survey of Pakistan 2025-26)

Sut va go'sht ishlab chiqarish quvvati"

Viloyat	Sut (Milliard litr)	Mol go'sht (Million tonna)	Qo'y go'sht (Million tonna)
Pokistan	75.00	2.72	0.89
Panjob	45.00 (60.0%)	1.2 (44.3%)	0.29 (32.2%)

Chief Minister Punjab Initiatives on Livestock

■ CM Punjab: Livestock Card

300,000 male calves fattened this year and 300,000 will be fattened in year 2026-27.

■ CM Punjab: Progressive Control of FMD

Eight FMD-free compartments established in FY 2025-26 and seven more set to establish in FY 2026-27.

■ CM Punjab: Herd Transformation Program

1.8 Million doses per annum of Holstein Friesian, Brahman, Angus, Gir, Jersey, and gender-sorted semen are inseminated for enhancing milk and beef production.

■ Genomics and IVF Technology

Introduced for the first time in the province for providing better breeding Services.

■ CM Punjab: Dairy Supply Chain Project

Dairy value addition and milk machines are being provided to modernize the dairy farms.

■ CM Punjab: Economic Transformation Program for Livestock Sector

Includes Value addition and Processing of dairy and meat for meeting domestic demands and enhancing exports

Panjob Bosh vazirining Chorvachilik bo'yicha tashabbuslari

■ Panjob Bosh vaziri: Chorvachilik kartasi

Joriy yilda 300,000 ta erkak buzoq bo'rdoqiga boqildi, 2026-2027- yillarda esa yana 300, 000 ta erkak buzoq bo'rdoqiga boqiladi.

■ Panjob Bosh vaziri: Oyoq va og'iz kasalligini (FMD) bosqichma-bosqich nazorat qilish

2025-26 yillarda sakkizta FMD-dan xoli hudud (compartment) tashkil etildi va 2026-27 yillarda yana yettitasi tashkil etiladi.

■ Panjob Bosh vaziri: Podani yangilash dasturi

Sut va go'sht mahsuldorligini oshirish uchun har yili 1,8 million doza Golshtin-friz, Brahman, Angus, Gir, Jersi zotli va jinsi saralangan urug'lar bilan sun'iy urug'lantirish amalga oshirilmoqda.

■ Genomika va IVF texnologiyasi

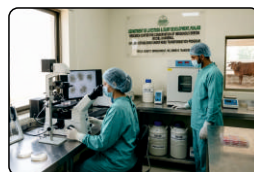
Yaxshi naslchilik xizmatlarini ko'rsatish maqsadida viloyatda ilk bor joriy etildi..

■ Panjob Bosh vaziri: Sut yetkazib berish zanjiri loyihasi

Sut fermalarini mexanizatsiyalash uchun sutni qayta ishlash uskunalari va sut sog'ish mashinalari yetkazib berilmoqda.

■ Panjob Bosh vaziri: Chorvachilik sektori uchun iqtisodiy transformatsiya dasturi

Ichki talabni qondirish va eksportni oshirish maqsadida sut va go'shtni qayta ishlash hamda qo'shimcha qiymat zanjirini yaratishni o'z ichiga oladi.





Pakistan-Uzbekistan Trade Potential

- Uzbekistan is rapidly growing its imports of beef, mutton, lamb and poultry to meet increasing domestic demand. Meat imports exceeded **USD 570 million** in the year 2025.
- Pakistan offers a reliable source of **Halal beef, Buffalo meat, Mutton and value-added meat products** for Uzbekistan market.
- Existing road connectivity through the **Central Asian Transport Corridor (TIR)** provides opportunities for faster and cost-effective trade between Pakistan and Uzbekistan.
- There is strong potential to expand **government-to-government cooperation, private sector partnerships** and **long-term supply agreements** in the livestock and meat sector.

Pakistan Export Readiness

- Pakistan exports 100,000 + MT of meat annually, valued at approximately USD 512 million.
- Export-certified slaughterhouses operate under international accreditation.
- Halal Compliance, traceability and food safety standards are ensured.
- Pakistan has the capacity to supply chilled, frozen and Processed Halal meat on a sustainable basis.

Policy & Connectivity Support

- Pakistan Animal Identification & Traceability System (PAITS) is in placed.
- FMD-free compartments have been established.
- Pakistan Halal Meat Export Policy (2025) supports international market access.
- Regional connectivity through Uzbekistan-Afghanistan-Pakistan trade corridors can reduce transit time and strengthen bilateral trade.

Pokiston va O'zbekiston o'rtasidagi savdo salohiyati

- O'zbekiston ichki bozorning tobora ortib borayotgan ehtiyojlarini qondirish maqsadida mol, qo'y va parranda go'shtining jadal rivojlanayotgan importchisiga aylanib bormoqda. 2025-yilda go'sht importi hajmi **570 million** AQSh dollaridan oshdi.
- Pokiston O'zbekiston bozori uchun halol mol, buyvol, qo'y go'shti hamda yuqori qiymatga ega qayta ishlangan go'sht mahsulotlarining ishonchli yetkazib beruvchisi bo'la oladi.
- Markaziy Osiyo transport koridori (Xalqaro yo'l tashuvlari – TIR) orqali mavjud avtomobil yo'llari aloqasi Pokiston va O'zbekiston o'rtasida tezkor va tejamkor savdo-sotiq uchun keng imkoniyatlar yaratmoqda.
- Chorvachilik va go'sht sanoati sohasida hukumatlararo hamkorlikni, xususi sektor sherikligini hamda uzoq muddatli mahsulot yetkazib berish shartnomalarini kengaytirish uchun ulkan salohiyat mavjud.

Pokistonning eksportga tayyorligi

- Pokiston har yili qiymati taxminan 512 million AQSh dollariga teng bo'lgan 100 000 tonnadan ortiq go'sht eksport qiladi.
- Eksport uchun sertifikatlangan kushxonalar xalqaro akkreditatsiya talablari asosida faoliyat ko'rsatadi.
- Halol standarti, mahsulotning kelib chiqishini kuzatish (traceability) va oziq-ovqat xavfsizligi me'yorlariga rioya qilinishi to'liq ta'minlangan.
- Pokiston muzlatilgan, sovutilgan va qayta ishlangan halol go'sht mahsulotlarini barqaror ravishda yetkazib berish imkoniyatiga ega.basis.

Siyosat va transport-logistika aloqalarini qo'llab-quvvatlash

- Pokistonda hayvonlarni identifikatsiya qilish va kelib chiqishini kuzatish tizimi (PAITS) joriy etilgan.
- Oqsil kasalligidan xoli (FMD-free) bo'linmalar tashkil etilgan bo'lib, hozirda ushbu kasallikdan xoli zonalarini yanada kengaytirish ishlari olib borilmoqda.
- Pokistonning halol go'sht eksporti siyosati (2025) xalqaro bozorlarga chiqishni qo'llab-quvvatlaydi.
- O'zbekiston–Afg'oniston–Pokiston savdo koridorlari orqali mintaqaviy aloqalarning yo'lga qo'yilishi tranzit vaqtini qisqartirishi va o'zaro tovar ayirboshlashni mustahkamlashi mumkin.

Breeds of Punjab

Panjob Chorvachilik Zotlari

Nili Ravi Buffalo (Black Gold)

Black in colour having white markings on forehead, muzzle, face, legs and tail switch.

Average Lactation Length: 280-305 days

Milk Production: 3000-4000 liters/lactation Milk Fat: 6.5% - 8.5%



Nili-Ravi Qo'tosi (Qora Oltin)

Rangi qora, peshonasi, burni (tumsug'i), yuzi, oyoqlari va dumining uchida oq belgilari (dog'lari) bor.

O'rta laktatsiya davri (sut berish muddati): 280-305 kun

Sut mahsuldorligi: 3000-4000 litr

Sutning yog'lilik darajasi: 6.5% - 8.5%

Sahiwal Cattle (Red Gold)

Reddish in colour having wedge shaped body, short head and dropping ears with fine soft loose skin heat tolerance and disease resistance.

Average Lactation Length: 280-305 days Milk Production: 3500-

4000 liters/lactation Milk Fat: 4.5% - 5.5%



Sahiwal Qoramoli (Qizil Oltin)

Rangi qizg'ish, tana tuzilishi ponasimon (orqatomoni keng, oldi tor), boshi kalta, quloqlari osilgan, terisi esa yupqa, yumshoq va burmali (bo'sh).

O'rta laktatsiya davri (sut berish muddati): 280-305 kun

Sut mahsuldorligi: 3500-4000 litr

Sutning yog'lilik darajasi: 4.5% - 5.5%

Beetal Goat

The Beetal is one of Pakistan's most important dairy goat breeds. It is a large sized breed with a slightly convex (Roman) nose. Beetal goats are, valued for both milk and meat production. Does typically produce 1.5-3.0 liters of milk per day and its lactation yield of approximately 200-300 liters. Good Carcass yield with Dressing Percentage of 45-50%.



Bital (Beetal) Echki Zoti

Bital (Beetal) — Pokistonning eng muhim sut beruvchi echki zotlaridan biridir. U biroq bo'rtib chiqqan ("Rim burni") burun tuzilishiga ega bo'lgan yirik tana o'lchamli zotdir. Bital echkilari ham sut, ham go'sht yetishtirish uchun qadrlanadi. Urg'ochi echkilari odatda kuniga 1.5-3.0 litr sut beradi, laktatsiya (sog'ish) davridagi umumiy sut mahsuldorligi esa taxminan 200-300 litrni tashkil qiladi.

Kajli Sheep

Kajli sheep have a white body with a black face, ears, and legs, a long, well-developed body, and long, drooping ears. Adult ewes typically produce 1-2 kg of coarse wool annually. It is valued for both meat and wool production with Carcase Ratio of 48-52%.



Kajli qo'y zoti

Kajli qo'ylari oq tana, qora yuz, qora quloq va qora oyoqlarga, shuningdek, uzun, yaxshi rivojlangan tana va uzun, osilgan quloqlarga ega. Voyaga yetgan urg'ochi qo'ylar odatda yiliga 1-2 kg dag'al jun beradi. U ham go'sht, ham jun yetishtirish uchun qadrlanadi.

Green Corporate Livestock Initiative (GCLI)

ADVANCED SEMEN & EMBRYO PRODUCTION UNIT

The Green Corporate Livestock Initiative (GCLI) is a modern livestock genetics facility established to accelerate genetic improvement and enhance dairy and beef productivity.



Sex-Sorted Semen Production

GCLI produces high-quality sex-sorted semen from elite bulls of the following dairy and beef breeds:

- Holstein Friesian
- Jersey
- Nili-Ravi Buffalo
- Sahiwal
- Cholistani
- Gir
- Brahman
- Angus
- Wagyu
- Braford
- Nelore

Embryo Production

GCLI also produces embryos from genetically superior donor animals of the following breeds:



Export Potential

GCLI has the capacity to produce and supply sex-sorted semen and bovine embryos according to the breed requirements of international partners. Subject to veterinary health certification, import regulations, and bilateral agreements, these genetic materials can be exported to Uzbekistan and other countries to support livestock genetic improvement programs.

Yashil Korporativ Chorvachilik Tashabbusi (GCLI)

"ILG'OR URUG'LIK VA EMBRION ISHLAB CHIQARISH BO'LIMI"



Green Corporate Livestock Initiative" (GCLI) — bu genetik rivojlanishni tezlashtirish hamda sut va go'sht mahsuldorligini oshirish maqsadida tashkil etilgan zamonaviy chorvachilik genetikasi majmuasidir.

Jinsi bo'yicha saralangan sperma

GCLI quyidagi sut va go'sht yo'nalishidagi sara zotli buqalardan yuqori sifatli, jinsi bo'yicha saralangan sperma ishlab chiqaradi:

- Holstein Friesian
- Jersey
- Nili-Ravi Buffalo
- Sahiwal
- Cholistani
- Gir
- Brahman
- Angus
- Wagyu
- Braford
- Nelore

Embrion ishlab chiqarish

Shuningdek, GCLI quyidagi zotlarga mansub genetik jihatdan ustun donor hayvonlardan yuqori sifatli embrionlar ishlab chiqaradi:



Eksport Salohiyati

GCLI xalqaro hamkorlarning zotga oid talablariga muvofiq jins bo'yicha saralangan urug' va qoramol embrionlarini ishlab chiqarish hamda yetkazib berish imkoniyatiga ega. Veterinariya sanitariya sertifikatlari, import qoidalari va ikki tomonlama kelishuvlarga asosan, ushbu genetik materiallar chorvachilikning genetik takomillashtirish dasturlarini qo'llab-quvvatlash uchun O'zbekiston va boshqa mamlakatlarga eksport qilinishi mumkin.

FONGROW Semen Production Unit, Khanewal

The Fongrow Semen Production Unit, Khanewal produces high-quality bovine embryos using advanced reproductive technologies to accelerate genetic improvement and livestock productivity.

Embryos Produced

- Gir
- Nelore
- Angus
- Guzera
- Brahman
- Wagyu

Export Potential

Embryos of other breeds can also be produced as per demand. These embryos can be exported as per demand.

FONGROW urug'lantirish markazi, Xonivol

Fongrow Urug'lik Ishlab Chiqarish Bo'linmasi, Xonewal ilg'or reproduktiv texnologiyalar yordamida yuqori sifatli qoramol embrionlarini ishlab chiqaradi hamda genetik takomillashtirish va chorvachilik mahsuldorligini jadallashtirishga xizmat qiladi.

Ishlab chiqarilgan embrionlar

- Gir
- Nelore
- Angus
- Guzera
- Brahman
- Wagyu

Eksport Salohiyati

Shuningdek, buyurtma asosida boshqa zotlarning embrionlari ham ishlab chiqarilishi mumkin. Ushbu embrionlar buyurtma asosida eksport qilinishi mumkin.



FONGROW



Punjab's Agriculture Outlook

Pakistan comprise of total geographical area approximately 88.19 million hectares, of which around 23 million hectares are cultivated. Within this, Punjab province has 20.5 million hectares of geographical area, with 12–13 million hectares under cultivation.

Punjab is the food basket of Pakistan by contributing the major share in the production

Crops	Pakistan production	Punjab's production	Punjab's Contribution (%)
Cotton	7.08 million bales	3.838 million bales	54.2
Wheat	28.98 million tonnes	22.053 million tonnes	76.1
Rice	9.72 million tonnes	6.03 million tonnes	62.0
Maize	8.24 million tonnes	8.067 million tonnes	97.9
Sugarcane	84.24 million tonnes	60.112 million tonnes	71.3

Punjab: The Hub of Pakistan's Horticulture Sector

Fruit	Pakistan production	Punjab's production	Punjab's Contribution (%)
Mango	1.8–2.0 million tonnes	1.25–1.45 million tonnes	66–70
Citrus	2.4 million tonnes	2.3 million tonnes	95
Guava	0.55 million tonnes	0.45 million tonnes	82

Panjob qishloq xo'jaligining umumiy ko'rinishi

Pokistonning umumiy geografik maydoni taxminan 88,19 million gektar bo'lib, shundan 23 million gektarga yaqini ekin maydonlaridir. Panjob viloyati 20,5 million gektar geografik maydonga ega bo'lib, 12–13 million gektari qishloq xo'jaligi ekinlari yetishtirish uchun foydalaniladi.

Panjob – Pokistonning asosiy oziq-ovqat ishlab chiqaruvchi hududi

Ekinlar	Pokiston ishlab chiqarishi	Panjob ishlab chiqarishi	Panjob ulushi (%)
Paxta	7.08 million balya	3.838 million balya	54.2
Bug'doy	28.98 million tonna	22.053 million tonna	76.1
Guruch	9.72 million tonna	6.03 million tonna	62.0
Makkajo'xori	8.24 million tonna	8.067 million tonna	97.9
Shakarqamish	84.24 million tonna	60.112 million tonna	71.3

Panjob – Pokiston bog'dorchilik sohasining markazi

Meva	Pokiston ishlab chiqarishi	Panjob ishlab chiqarishi	Panjob ulushi (%)
Mango	1.8–2.0 million tonna	1.25–1.45 million tonna	66–70
Tsitrus	2.4 million tonna	2.3 million tonna	95
Gvava	0.55 million tonna	0.45 million tonna	82

Chief Minister Punjab Initiatives on Agriculture

Chief Minister of Punjab, Maryam Nawaz Sharif, envisions a productive, profitable, sustainable, technology-driven, and farmer-centric agriculture sector that enhances productivity, strengthens food security, increases farmer incomes, conserves natural resources, and transforms Punjab into a leading agricultural economy of the region through the following strategic pillars:

■ Economic Transformation Program

Establishment of Agro-processing parks for value addition and agribusiness to enhance exports.

■ CM Punjab Kisan Card

Providing interest-free loans to farmers for the purchase of agricultural inputs to enhance crop productivity. Rs 350 Billion loans disbursed.

■ CM Punjab Green Tractors Program

Enhancing farm mechanization through provision of subsidized tractors to farmers across Punjab. 30,000 Tractors distributed.

■ CM Hi-Tech Mechanization Financing Program

Promoting modern agriculture by providing interest-free financing for the purchase of hi-tech agricultural machinery.

■ Establishment of Model Agriculture Malls In Punjab

One-Stop Agriculture-input-market concept is being introduced in the province

■ Punjab Clean Air Program

Reducing crop residue burning through provision of 1000 Super Seeders.



Panjob Bosh vaziri xo'jaligi bo'yicha tashabbuslar

Panjob bosh vaziri Maryam Navoz Sharif quyidagi strategik ustunlar orqali hosildorlikni oshiradigan, oziq-ovqat xavfsizligini mustahkamlaydigan, fermerlarning daromadlarini oshiradigan, tabiiy resurslarni tejaydigan va Panjobni mintaqaning yetakchi qishloq xo'jaligi iqtisodiyotiga aylantiradigan samarali, daromadli, barqaror, texnologiyaga asoslangan va fermerlarga yo'naltirilgan qishloq xo'jaligi sektorini tasavvur qiladi:

■ Iqtisodiy o'zgarish dasturi

Eksportni oshirish uchun qiymat qo'shish va agrobiznes uchun qishloq xo'jaligini qayta ishlash parklarini tashkil etish

■ Panjob Bosh vazirining Kissan (dehqon) kartasi

Fermerlarga ekinlar unumdorligini oshirish uchun qishloq xo'jaligi resurslari sotib olish uchun foizsiz kreditlar berish. 350 milliard rupiy miqdorida kreditlar berildi

■ CM Panjob Yashil Traktorlar Dasturi Panjob bo'ylab fermerlarga

subsidyalangan traktorlar berish orqali fermer xo'jaliklarini mexanizatsiyalashni kuchaytirish. 30 000 ta traktor tarqatildi

■ CM yuqori texnologiyalarni mexanizatsiyalashtirishni moliyalashtirish dasturi

Yuqori texnologiyali qishloq xo'jaligi texnikasini sotib olish uchun foizsiz moliyalashtirish orqali zamonaviy qishloq xo'jaligini rivojlantirish

■ Panjobda namunaviy qishloq xo'jaligi savdo markazlarini tashkil etish

Viloyatda qishloq xo'jaligi resurslari bozorining yagona darcha konsepsiyasi joriy etilmoqda

■ Panjob toza havo dasturi

1000 ta super urug' sepgichni taqdim etish orqali ekin qoldiqlarining yonishini kamaytirish

Crops of Punjab

Rice

Punjab is Pakistan's leading rice-producing province.

With over 2.5 million hectares under cultivation and annual production exceeds **6 million tons**.

This premium-quality Basmati rice is internationally recognized and renowned for its distinct aroma and high export value

Potential Areas of Cooperation

Climate-Smart Rice Production

- Exchange of technologies for water-efficient rice cultivation, including Alternate Wetting and Drying (AWD), Direct Seeded Rice (DSR), precision land leveling, and improved irrigation scheduling.
- Joint development of climate-resilient rice production systems.

Joint Research and Variety Development

Collaborative breeding programs for:

- Heat-tolerant varieties
- Drought-resistant varieties
- Salinity-tolerant varieties
- Short-duration, high-yielding cultivars

Seed Systems and Germplasm Exchange

- Exchange of elite rice germplasm.
- Cooperation in certified seed production and quality assurance.

Value Addition and Export Promotion

- Collaboration in rice milling, grading, packaging, branding, and export marketing.
- Promotion of value-added rice products and by-products, including rice bran oil and biomass utilization.



Panjob Ekinlari

Guruch

Panjob Pokistonning guruch yetishtirish bo'yicha yetakchi viloyatidir.

2,5 million gektardan ortiq maydonda yetishtiriladi va yillik ishlab chiqarish **6 million tonnadan** oshadi.

Ushbu yuqori sifatli Basmati guruchi o'zining o'ziga xos xushbo'yligi va yuqori eksport qiymati bilan xalqaro miqyosda tan olingan va mashhur.

Hamkorlikning potentsial yo'nalishlari

Iqlimga mos guruch ishlab chiqarish

- Suvni tejaydigan guruch yetishtirish texnologiyalari, jumladan, muqobil namlash va quritish (AWD), to'g'ridan-to'g'ri urug'li guruch (DSR), aniq yer tekislash va sug'orish jadvalini takomillashtirish almashinuvi.
- Iqlimga chidamli guruch ishlab chiqarish tizimlarini birgalikda ishlab chiqish.

Qo'shma tadqiqotlar va navlarni rivojlantirish

Quyidagilar uchun hamkorlikdagi seleksiya dasturlari:

- Issiqqa chidamli navlar
- Qurg'oqchilikka chidamli navlar
- Sho'rlanishga chidamli navlar
- Qisqa muddatli, yuqori hosildor navlar

Urug'lik tizimlari va germplazma almashinuvi

- Elita guruch germplazma almashinuvi.
- Sertifikatlangan urug'lik ishlab chiqarish va sifatni ta'minlash bo'yicha hamkorlik.

Qiymat qo'shish va eksportni rag'batlantirish

- Guruchni maydalash, saralash, qadoqlash, brendlash va eksport marketingida hamkorlik qilish.
- Guruch kepagi yog'i va biomassadan foydalanishni o'z ichiga olgan qo'shimcha qiymatga ega guruch mahsulotlari va qo'shimcha mahsulotlarini rag'batlantirish.

Crops of Punjab

Cotton

Cotton is the backbone of Punjab's agricultural economy and Pakistan's textile industry, with nearly 1.3 million hectares under cultivation, producing over 3.8 million bales annually.

Potential Areas of Cooperation

Mechanization of Cotton Production

- Introduction and demonstration of modern cotton harvesting machinery.
- Exchange of expertise in precision planting and mechanized farm operations.

Cotton Research and Innovation

Joint development of:

- Climate-resilient cotton varieties
- Heat- and drought-tolerant cultivars
- High-fiber-quality cotton
- Improved seed technologies

Integrated Pest and Crop Management

- Exchange of sustainable pest management strategies.
- Development of environmentally friendly crop protection practices.
- Textile Value Chain Development
- Cooperation in cotton ginning, fiber grading, textile processing, and quality certification.
- Promotion of investment in value-added textile manufacturing.

Potato

Punjab is Pakistan's leading potato-producing province, cultivating around 460,000 hectares and producing over 12 million tons annually.

Potential Areas of Cooperation

Seed Potato Development

- Joint production of certified disease-free seed potatoes.
- Collaboration in tissue culture, aeroponics, and rapid seed multiplication technologies.

Storage and Post-Harvest Management

- Exchange of expertise in modern cold storage infrastructure.
- Development of efficient post-harvest handling systems to reduce losses.

Potato Processing Industry

Promotion of investment in:

- Frozen potato products
- French fries
- Potato flakes
- Potato starch
- Value-added processed foods

Crop Health and Disease Management

- Joint research on major potato diseases and integrated disease management strategies.
- Development of resilient potato varieties suitable for changing climatic conditions



Panjob Ekinlari

Paxta

Paxta Panjob qishloq xo'jaligi iqtisodiyoti va Pokiston to'qimachilik sanoatining asosi bo'lib, qariyb 1,3 million gektar maydonda yetishtiriladi va har yili 3,8 million toйдan ortiq toy hosil qiladi.

Hamkorlikning potentsial sohalari

Paxta ishlab chiqarishni mexanizatsiyalash

- zamonaviy paxta terish texnikasini joriy etish va namoyish etish.
- Aniq ekish va mexanizatsiyalashgan fermer xo'jaliklarida tajriba almashish.

Paxta tadqiqotlari va innovatsiyalari

- Birgalikda ishlab chiqish:
- Iqlimga chidamli paxta navlari
- Issiqlik va qurg'oqchilikka chidamli navlar
- Yuqori tolali paxta
- Chigit ekish texnologiyalari takomillashtirildi

Zararkunandalar va ekinlarni integratsiyalashgan boshqarish

- Barqaror zararkunandalarga qarshi kurash strategiyalarini almashish.
- Ekologik toza ekinlarni muhofaza qilish usullarini ishlab chiqish.
- To'qimachilik qiymat zanjirini rivojlantirish
- Paxta tozalash, to'qimachilik mahsulotlarini qayta ishlash va sifat sertifikatini bo'yicha hamkorlik.
- qo'shimcha qiymatga ega to'qimachilik sanoatiga investitsiyalarni rag'batlantirish.

Kartoshka

Panjob Pokistonning yetakchi kartoshka yetishtiruvchi viloyati bo'lib, taxminan 460 000 gektar maydonni egallaydi va yiliga 12 million tonnadan ortiq mahsulot ishlab chiqaradi.

Hamkorlikning potentsial yo'nalishlari

Urug'li kartoshkani rivojlantirish

- Sertifikatlangan kasalliksiz urug'lik kartoshkani birgalikda ishlab chiqarish.
- To'qimachilik madaniyati, aeroponika va tez urug'larni ko'paytirish texnologiyalari sohasida hamkorlik.

Saqlash va hosilni yig'im-terimdan keyingi boshqarish

- Zamonaviy sovuq saqlash infratuzilmasi bo'yicha tajriba almashish.
- Yo'qotishlarni kamaytirish uchun hosilni yig'im-terimdan keyingi samarali qayta ishlash tizimlarini ishlab chiqish.

Kartoshkani qayta ishlash sanoati

Quyidagilarga investitsiyalarni rag'batlantirish:

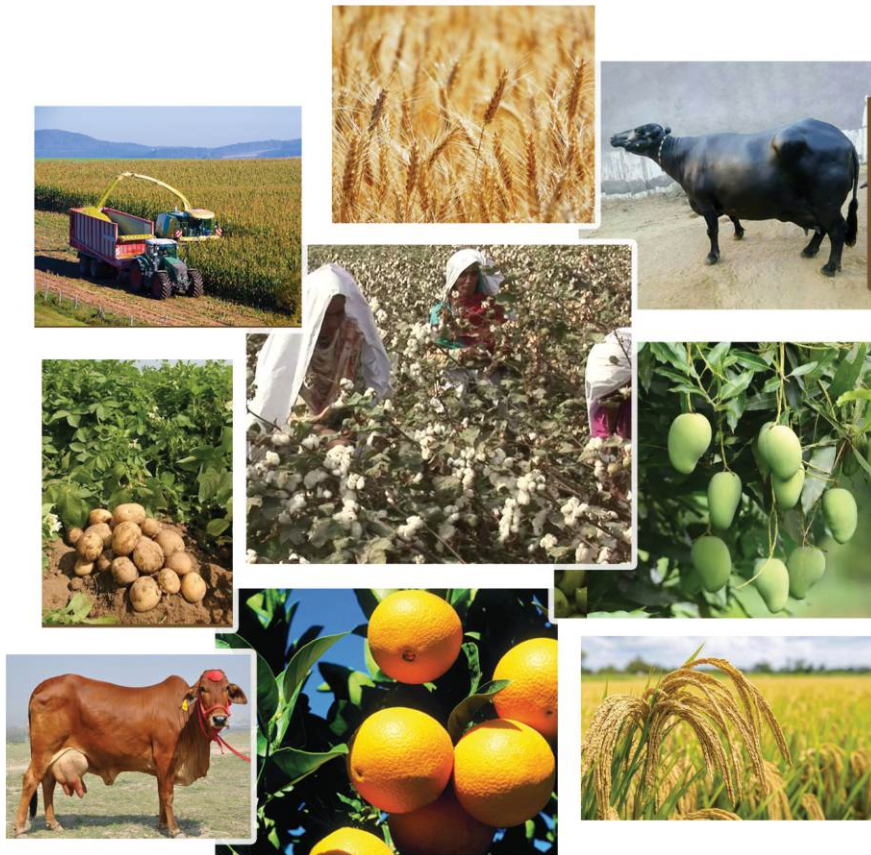
- Muzlatilgan kartoshka mahsulotlari
- Kartoshka parchalari
- Qo'shimcha qiymatga ega qayta ishlangan oziq-ovqat mahsulotlari
- Kartoshka kartoshkasi
- Kartoshka kraxmali

Ekin salomatligi va kasalliklarni boshqarish

- Asosiy kartoshka kasalliklari va integratsiyalashgan kasalliklarni boshqarish strategiyalari bo'yicha qo'shma tadqiqotlar.
- O'zgaruvchan iqlim sharoitlariga mos keladigan bardoshli kartoshka navlarini yaratish.



Punjab (Pakistan)



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