

बीउ बिजन निरीक्षक तथा बीउ बिजन विश्लेषक परीक्षाका लागि परीक्षा किसिम तथा पाठ्यक्रम

क. परीक्षा किसिम: वस्तुगत बहुउत्तर तथा विषयगत

क्र स	किसिम	प्रश्न संख्या	समय (मिनेट)	भार (प्रतिशत)
क	वस्तुगत बहुउत्तर	४०	४०	४०
ख	छोटो छोटो उत्तर	६	५०	३०
ग	विश्लेषणात्मक उत्तर	२	६०	३०

ख. परीक्षाको माध्यम: अंग्रेजी वा नेपाली वा अंग्रेजी र नेपाली दुवै

ग. पाठ्यक्रम

Chapter 1: Seed policies, rules and regulations

- National Seed Vision 2013-2025 (Vision, Mission, Goal, Target, Priorities, Review of National Seed Vision, Issues of implementation)
- National Seed Policy, 2056 (Objectives, Major provisions, Issues, Review of Policy)
- Agriculture Development Strategy (Only seed sector related)
- Seeds Act, 1988 and Seeds Rules, 2013 (Major provisions, features, Issues)
- Seed Directives and guidelines (Major provisions of Seed certification directives, Technical Audit Directive, Seed Entrepreneur Registration and Monitoring Directive, Directive for Seed Production and Management by Private Sector, Variety Approval, Release and Registration Directive, Directive for appointing seed inspector and monitoring)
- Variety release, registration and notification process in Nepal
- Seed export and import procedure in Nepal (Status, Issues, Way out)

Chapter 2: Basic concept of seed

- Definition of Seed
- Basic concept of seed formation, development and composition
- Differences between seed and food grain production
- Importance of good quality seed to increase crop production
- Seed classes
- Characteristics of good quality seed

Chapter 3: Seed Sector Situation in Nepal

- Varietal development and maintenance process and the number of notified crop and varieties in Nepal (Role of SQCC and NARC in varietal development and maintenance, Varietal development and maintenance process, Role NSB in varietal development)
- Status of seed production and distribution in Nepal (Status, Issues, Seed availability)
- Seed value chain and the role of groups, cooperatives and seed entrepreneurs in improving the quality of seeds
- Seed replacement rate of different crops (Definition of SRR and Variety Replacement Rate, Process of computing SRR, Status, Issues), Seed Multiplication Ratio (SMR)
- Involvement of private sector in seed business

- Role of different agencies in seed research and development: SQCC, NARC, DoA, Educational institutions, Agriculture Knowledge Center/Agriculture Development Office/Veterinary Hospital and Livestock Service Expert Center and private sector

Chapter 4: Seed Production Technology

- Seed production techniques: Open pollinated and hybrids
- Major seed production program implemented by the Government of Nepal/NSAF
- Varietal characteristics of recently notified national varieties of rice, maize, wheat, vegetables, and fodders.

Chapter 5: Field inspection techniques: Principle and practices

- Procedures for field inspection at specific growth stages of different crops
- Field standards of major cereals and vegetables in Nepal.
- Hybrid seed production and certification standard of Nepal.
- Considerations during field visit for practical exercise on Field Inspection.

Chapter 6: Post-harvest operations of seeds

- Seed processing and conditioning, seed handling, seed storage and seed marketing
- Seed protection measures at storage
- Procedure of making seed lots
- Considerations during field visit for practical exercise on sampling techniques and processing observation

Chapter 7: Seed Quality Control and Certification System

- Seed sampling techniques
- Seed standards for various classes of seeds
- Seed quality tests in laboratories
 - Germination Test - Process, Plotting and Seedling Evaluation
 - Physical Purity Test
 - Moisture Test
 - Seed Vigor Test
 - Seed Health
- Seed quality control system in Nepal
- Seed certification procedures
- Role and responsibilities of seed inspector and seed analyst
- Legal framework for case registration against violation of seed act

Chapter 8: Importance of record keeping and digital innovations in seed sector

- Crops history records, production records, seasonal records and income records
- Seed auditing system
- Importance and scope of digital innovations in seed system
- Digitally Enabled Seed Information System (DESI) and Digitally Enabled Seed Management System (DESES)

बीउ बिजन निरीक्षक तथा बीउ बिजन विश्लेषकको परीक्षा दिने व्यक्ति निजामती कर्मचारी भए सम्बन्धित कार्यालयबाट
लिनुपर्ने स्वीकृती

(सेवारत कार्यालयको लेटर प्याडमा निम्नानुसारको व्यहोरा उल्लेख गरी पेश गर्नुपर्ने)

श्री राष्ट्रिय बीउ बिजन समितिको सचिवालय

हरिहरभवन, ललितपुर

यस.....केन्द्र/कार्यालय/गाउँपालिका/नगरपालिका/उपमहानगरपालिका/

महानगरपालिकामातह/श्रेणीको.....पदमा कार्यरत

श्री.....ले राष्ट्रिय बीउ बिजन समितिबाट लिइने बीउ बिजन निरीक्षक/बीउ

बिजन विश्लेषकको परीक्षामा सहभागी हुन पाउँ भनी मिति.....मा यस

केन्द्र/कार्यालय/गाउँपालिका/नगरपालिका/उपमहानगरपालिका/ महानगरपालिकामा निवेदन दिएको हुँदा निजलाई तहाँबाट

संचालन हुने बीउ बिजन निरीक्षक तथा बीउ बिजन विश्लेषकको परीक्षामा सम्मिलित हुन स्वीकृती प्रदान गरिएको व्यहोरा

अनुरोध गर्दछु ।

स्वीकृती दिने अधिकारीको नाम (कार्यालय प्रमुख):

पद:

कार्यालय:

हस्ताक्षर:

मिति:

कार्यालयको छाप: