

PITHORAGARH INSTITUTE OF TECHNOLOGY AND MANAGEMENT

NEWSLETTER

11-16 DECEMBER, 2023

Weekly News Letter Of Agriculture Students

Morning session with B. Sc. Agriculture Students

This morning, we conducted a session with B.Sc. agriculture students at PGI Pithoragarh College. The discussion covered a range of topics related to agricultural studies, including advanced crop management techniques, agribusiness strategies, and the integration of technology in modern farming. The session was interactive, allowing students to share their perspectives and experiences. We explored current trends and challenges in the agriculture sector, providing a deeper understanding of the practical aspects of agricultural science to better prepare these students for their future careers.

Your way to success

PGI Pithoragarh College is not just a place of education; it's a hub of opportunities waiting to be explored. Engage in the diverse academic programs, where each course is crafted to instill critical thinking, creativity, and a deep understanding of your chosen field. The college's commitment to holistic development ensures that you not only excel in your studies but also emerge as a well-rounded individual ready to face the challenges of the professional world.



Sowing of Fenugreek, Spinach, Radish and Turnip

The sowing of fenugreek, spinach, radish, and turnip is a common practice in diverse agricultural settings. These versatile crops offer nutritional benefits and adapt well to various climates. Farmers strategically sow these seeds, considering factors such as soil conditions and seasonal variations. This careful cultivation ensures a bountiful harvest of these nutritious greens, contributing to the availability of fresh and wholesome produce for consumption and culinary use.



Identification Fruit Bud Differentiation in Mango

Identification of fruit bud differentiation in mango is a crucial aspect of orchard management. This process involves recognizing specific buds that will develop into fruit-bearing structures. Understanding the stages of bud development allows farmers to implement targeted cultivation and management strategies for optimizing fruit production. Timely identification ensures that the mango orchard is managed efficiently, promoting healthy tree growth and enhancing the overall yield of high-quality mango fruits.





Morning Session with B. Sc. Agriculture Students on Agronomical Competitive Exams

This morning, we conducted a session with B.Sc. Agriculture students focusing on competitive exams in agronomy. We delved into essential topics, exam strategies, and recent trends in the field. The session aimed to equip students with the knowledge and skills required to excel in agronomical competitive exams, providing valuable insights into the competitive landscape of agricultural sciences.



Deficiency Symptoms of Plant Nutrients & Plants Hormones

Identifying deficiency symptoms in plant nutrients and hormones is vital for effective plant care. Yellowing leaves, stunted growth, and abnormal leaf discoloration indicate nutrient deficiencies, while hormonal imbalances manifest in altered growth patterns. Understanding and addressing these symptoms are crucial for farmers and gardeners, enabling them to implement precise nutrient and hormonal interventions to promote healthy plant development and optimize crop yields.



Nutrients Deficiency indicator plants and Different Pesticided levels

Plants serve as indicators for nutrient deficiencies, displaying specific symptoms like yellowing or stunted growth. Monitoring different pesticide levels is essential for sustainable agriculture. Striking a balance between pest control and environmental impact is crucial. Understanding these indicators and implementing precise nutrient management and pesticide applications are key practices for ensuring optimal plant health and sustainable crop production.

PITHORAGARH INSTITUTE OF TECHNOLOGY AND MANAGEMENT

NEWSLETTER

11-16 DECEMBER, 2023

Weekly News Letter Of Agriculture Students

About Competitive Animal Husbandry Important Fact

A crucial aspect of competitive animal husbandry is the emphasis on genetic enhancement through selective breeding. This practice aims to develop superior traits, ensuring the health and productivity of livestock. Beyond genetics, participants must prioritize nutrition, disease prevention, and ethical treatment, reflecting a commitment to animal welfare. Understanding market dynamics, effective communication, and integrating technological advancements further define the essential skills needed in this field. In essence, competitive animal husbandry requires a holistic approach, recognizing the interconnected factors that contribute to successful livestock management in today's dynamic agricultural landscape.



Tuberculosis Resistance Animal

Breeding animals with tuberculosis resistance is a crucial strategy to enhance livestock health. Through targeted selection for genetic traits that confer resistance, this approach helps create more robust and disease-resistant herds. By prioritizing such genetic resilience, we can significantly mitigate the impact of tuberculosis in animal populations, ensuring both animal welfare and improved overall herd health.

Fat Content of Butter , Meat of different Animals , Hard Meat of Poultry is called Tender

The fat content of butter, along with the meat of various animals, contributes to the tenderness of poultry. Tenderness in poultry refers to the softer, more palatable texture of certain cuts. This quality is influenced by the fat content, impacting the overall flavor and mouthfeel of the meat. Understanding and managing these factors are essential for chefs and food enthusiasts aiming to achieve optimal tenderness in their culinary creations.



PITHORAGARH INSTITUTE OF TECHNOLOGY AND MANAGEMENT

NEWSLETTER

11-16 DECEMBER, 2023

Weekly News Letter Of Agriculture Students

PARKHI AND PLATE METHOD OF SAMPLING TO INSPECT INFESTATION OF STORED GRAIN INSECT-PESTS.

PARKHI AND PLATE method of sampling to inspect infestation of stored grain insect-pests. Random samples shall be drawn from the food grain bags with the help of parkhi on all sides of the lot received through wagon/truck. It is collected in plate and then Visual Inspection shall be done at the time of receipt of food grains.



DEMONSTRATION OF PARKHI AND PLATE METHOD OF SAMPLING AT FCI, PITHORAGARH:

In PARKHI AND PLATE method of sampling to inspect infestation of stored grain insect-pests, random samples shall be drawn from the food grain bags with the help of parkhi on all sides of the lot received through wagon/truck. It is collected in plate and then Visual Inspection shall be done at the time of receipt of food grains.



QUANTIFICATION OF SOIL ORGANIC CARBON:

At District Soil Testing laboratory, Pithoragarh, Agriculture students were given a practical session on Rapid Titration method (Walkley and Black, 1934) of Soil organic Carbon estimation.

Soil organic matter is an index of productivity of Soil and Carbon is the chief constituent of soil organic matter. Thus estimation of Carbon become one of the important analytical parts of Soil constituent analysis.



PITHORAGARH INSTITUTE OF TECHNOLOGY AND MANAGEMENT

NEWSLETTER

11-16 DECEMBER, 2023

Weekly News Letter Of Agriculture Students

Today morning sesion with B. S.c. agriculture students on the weed science

This morning, a comprehensive session unfolded with B.Sc. Agriculture students, taking a look into the world of weed science. The engaged discussion focused on vital aspects such as weed identification, innovative control methodologies, and their long-term effects on crop yields. The interactive exchange not only raised awareness but also facilitated a deeper understanding of contemporary approaches in weed science. This session served as a dynamic platform for enthusiastic students to broaden their knowledge and develop a keen interest in sustainable agricultural practices, marking a constructive step in their academic journey.



Tuberculosis Resistance Animal

Breeding animals with tuberculosis resistance is a crucial strategy to enhance livestock health. Through targeted selection for genetic traits that lead to resistance, this approach helps create more productive and disease-resistant herds. By prioritizing such genetic traits, we can significantly reduce the impact of tuberculosis in animal populations, ensuring both animal welfare and improved overall herd health.

Fat Content of Butter , Meat of different Animals , Hard Meat of Poultry is called Tender

The fat content of butter, along with the meat of various animals, contributes to the tenderness of poultry. Tenderness in poultry refers to the softer, more palatable texture of certain cuts. This quality is influenced by the fat content, impacting the overall flavor and mouthfeel of the meat. Understanding and managing these factors are essential for chefs and food enthusiasts aiming to achieve optimal tenderness in their culinary creations.



PITHORAGARH INSTITUTE OF TECHNOLOGY AND MANAGEMENT

NEWSLETTER

11-16 DECEMBER, 2023

Weekly News Letter Of Agriculture Students

Exotic and Indigenous Breeds of Animals

Exotic and indigenous breeds of animals represent the diversity in the animal kingdom. Exotic breeds, often introduced from other regions, bring unique traits to improve productivity. Indigenous breeds, adapted to local environments, play a crucial role in preserving genetic diversity. Balancing the use of exotic and indigenous breeds is essential for sustainable agriculture, promoting resilience, and meeting the varied needs of different ecosystems.



High Protein and Fat Content Animals , Indian Veterinary Research Institute and the Vaccines That they have Invented

Animals with high protein and fat content are essential for nutritious products. The Indian Veterinary Research Institute (IVRI) plays a key role in advancing animal health. Their research has led to the development of vaccines that significantly contribute to disease prevention in livestock. These innovations not only enhance animal welfare but also positively impact the quality and safety of animal-derived products for human consumption.

Interview Techniques for IBPS AFO Exams

Mastering interview techniques is crucial for IBPS AFO exams. Candidates should focus on conveying a strong understanding of agricultural concepts, problem-solving abilities, and practical knowledge. Presenting a confident demeanor, effective communication, and a clear articulation of one's experiences and aspirations are key. Practicing mock interviews, staying updated on agricultural developments, and showcasing a positive attitude contribute to success in the competitive selection process for Agricultural Field Officer positions.



PITHORAGARH INSTITUTE OF TECHNOLOGY AND MANAGEMENT NEWSLETTER

11-16 DECEMBER, 2023

Weekly News Letter Of Agriculture Students

About way of Speaking and Formal way of Speech

The way of speaking varies between informal and formal contexts. Informal speech is casual and relaxed, often used in everyday conversations with friends and family. On the other hand, formal speech is structured, precise, and adheres to established etiquette. Understanding when to employ each style is crucial for effective communication, ensuring one's speech aligns appropriately with the social or professional setting.



Taught About Various Animal Husbandry Facts and Previous year Questions

Learning various animal husbandry facts and reviewing previous year questions is a crucial aspect of exam preparation. This approach helps students gain a comprehensive understanding of the subject and familiarizes them with the exam pattern. Analyzing past questions assists in identifying key topics, refining study strategies, and enhancing overall preparedness. By incorporating these insights into their study routine, individuals can optimize their chances of success in animal husbandry examinations.



PITHORAGARH INSTITUTE OF TECHNOLOGY AND MANAGEMENT

NEWSLETTER

11-16 DECEMBER, 2023

Weekly News Letter Of Agriculture Students

agriculture batch morning session taught about uttarakhand competition general knowledge

The morning session of the Agriculture batch was dedicated to an insightful exploration of Uttarakhand competition general knowledge. As the sun cast its golden glow over the agricultural landscapes, eager students gathered to delve into a comprehensive curriculum that seamlessly blended the principles of agriculture with the intricacies of Uttarakhand's competitive examination requirements.

The seasoned instructor led the session with enthusiasm, weaving together a tapestry of agricultural practices unique to the picturesque state of Uttarakhand. The syllabus included a diverse array of topics, ranging from the region's distinctive agro-climatic conditions to its indigenous crop varieties. Students were immersed in discussions about the traditional farming techniques employed by the local communities, fostering a deep understanding of the symbiotic relationship between agriculture and Uttarakhand's rich cultural heritage.

