

# Agricultural science paper1 grade 11 topics

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**What are the topics for agricultural science grade 12?** Agricultural Sciences seeks to develop your scientific knowledge and approach to relevant agricultural concepts. In Grade 12 the main content topics are Animal Studies, Agricultural Management and Basic Agricultural Genetics.

**What is the basic agricultural chemistry?** Agricultural chemistry is a science concerned with ways to influence chemical and biochemical processes in soil and plants, with plant mineral nutrition and with using fertilizers and other chemical means to improve fertility and increase yield.

**What topic is agriculture chemistry?** Agricultural Chemistry is a branch of chemistry that explains the chemical and biochemical ongoing processes in soil and plant. It also covers the areas regarding mineral nutrients, applications of fertilizers, and soil fertility related to product yield enhancement.

**Which subject is best for agriculture?**

**What are 3 agricultural chemicals?** Common agricultural chemicals (agrichemicals) include fuels, solvents, insecticides, herbicides, fungicides, fertilisers and veterinary chemicals.

**Does chemistry play a role in agriculture?** Through the production of pesticides, fertilizers, and antibiotics, it is evident that chemistry has played a significant role in maximizing the yield of animal products and crops.

**What is ag chemistry?** Silver is a chemical element with symbol Ag and atomic number 47. Classified as a transition metal, Silver is a solid at room temperature.

**What are the products of chemistry in agriculture?**

**What is green chemistry in agriculture?** The goal is to balance higher manufacturing output with environmental cleanliness. Green Chemistry promotes cleaner technologies for eco-friendly production of essential goods and services. These technologies are crucial for sustainable agriculture, minimizing environmental impacts and boosting crop efficiency [1,2].

**How is physics related to chemistry?** Answer and Explanation: Physics uses basic principles used to express chemical phenomenon such as electrochemistry, corrosion, conduction of electricity, etc. It also involves the study of heat and energy of a chemical reaction by using knowledge in physics.

**Which country is best to study agriculture?** Which country is best for agriculture study? Countries like the United States, Canada, Australia, and the Netherlands are renowned for their advanced agricultural programs and state-of-the-art facilities, making them popular choices among international students.

**Which job is best in agriculture?**

**What is the best major in agriculture?**

**What pesticides?** Pesticides are chemical compounds that are used to kill pests, including insects, rodents, fungi and unwanted plants (weeds). Over 1000 different pesticides are used around the world. Pesticides are used in public health to kill vectors of disease, such as mosquitoes, and in agriculture to kill pests that damage crops.

**What are three main chemicals used in agriculture?** There are three different kinds of pesticides; herbicides, insecticides and fungicides. All three of these pesticides are used to kill different kinds of pests that can be found on a farm. Farmers that make the decision not to use any chemicals are called organic farmers.

**What are the top 4 agricultural products?** The 10 largest sources of cash receipts from the sale of U.S.-produced farm commodities in calendar year 2022 are (in descending order): corn, cattle/calves, soybeans, dairy products/milk, broilers, hogs, miscellaneous crops, chicken eggs, wheat, and hay.

**What role do chemists play in agriculture?** Agricultural Chemists - Develop new chemicals to increase crop production and yield, defend against pests, and protect the environment.

**What is the basic chemistry of agriculture?** Agricultural chemistry is the chemistry, especially organic chemistry and biochemistry, as they relate to agriculture. Agricultural chemistry embraces the structures and chemical reactions relevant in the production, protection, and use of crops and livestock.

**How are organic compounds used in agriculture?** But synthetic organic chemicals are used in agriculture as crop protection agents: insecticides, herbicides, and fungicides. It is a tricky business designing new compounds with zero mammalian toxicity, which hang around long enough to do their job but then degrade prior to going to market.

**What does g mean in chemistry?** (g) indicates that the substance is in a gaseous state. an alternative way of representing a substance in a gaseous state. (s) indicates that the substance is in a solid state.

**What is f in chemistry?** Fluorine is a chemical element with symbol F and atomic number 9. Classified as a halogen, Fluorine is a gas at room temperature.

**Is silver a mixture or a compound?** Silver is a naturally occurring element. It is found in the environment combined with other elements such as sulfide, chloride, and nitrate. Pure silver is "silver" colored, but silver nitrate and silver chloride are powdery white and silver sulfide and silver oxide are dark-gray to black.

**What are the major agricultural products in Region 12?**

**Which topic is best for research in agriculture?**

**What is the meaning of agricultural ecology?** Answer and Explanation: Agricultural ecology is the study of the ecology of agriculturally productive regions. This study includes both the biotic and abiotic factors that contribute to the crop production of this area.

**What are the major crops in region 11?** Major crops of the province include rice, corn, industrial and commercial crops such as coconut, coffee, abaca and rubber; fruit crops such as banana, mango, pineapple, durian, calamansi, mandarin, and lanzones and vegetable crops to include root crops and tubers.

**What are the top 5 major crops in region 1?** Region I is a prime agricultural land. This region produces crops like tobacco, rice, corn, vegetables, root crops and fruits such as mangoes.

**What are the top 3 agricultural products?** Common agricultural commodities include dairy products, wheat, and coffee.

**What is the biggest problem in agriculture?**

**What is the best field in agriculture?**

**Which country is best for agriculture research?** Which country is best for agriculture study? Countries like the United States, Canada, Australia, and the Netherlands are renowned for their advanced agricultural programs and state-of-the-art facilities, making them popular choices among international students.

**What are the four abiotic factors in a farm ecosystem?** Light, air, soil, and nutrients, etc. form the abiotic components of an ecosystem.

**What are the four types of ecology?** The scope of ecology is huge, and it encompasses all organisms living on Earth and their physical and chemical surroundings. For this reason, the field is usually divided into different levels of study including: organismal ecology, population ecology, community ecology and ecosystem ecology.

**What are the biotic and abiotic factors in mixed farming?** Abiotic components of agro-ecosystems include temperature, soil, water, relative humidity, light, and wind. Biotic factors include parasitic and herbivorous pests, competition between crops and other plants, and favorable (symbiotic) relationships among organisms, such as belowground organisms and pollinators.

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