Plant Production
Zoology
Forestry
Chinese herbal medicine
Herbology
Aquatic Species

Medicinal Crops, Smart Agriculture, Cultivation and Farming, Plant Science and technology, Ecological Agriculture, Food Crops, Vegetable, Pests, Rat Pest, Tea Science, Oil Crops, Pesticide

Feed Engineering, Animal Husbandry Science, Veterinary Public Health, Economic Zoology, Veterinary Medicine, Animal Science, Animal and Plant Quarantine, Animal Pharmacy

Forest Protection, Economic Forestry, Landscape, Forestry

Cultivation and Identification of Chinese Herbs

Turfgrass Science and Engineering, Herbology Science

Aquaculture, Marine Fishery Science and Technology, Aquarium Science and Technology, Aquatic Veterinary Medicine

Generation
Integrate Existing Information to Generate Professional Agricultural Responses and Solve Practical Problems
Knowledge-based Q&A, Production Strategy Formulation, Causal Analysis

Inference
Perform Knowledge Reasoning and Complex Calculations Based on Provided Facts and Rules
Disease Diagnosis, Numerical Reasoning, Production Planning, Growth Status Analysis

Understanding
Comprehend and Explain Agricultural Information, Compare Differences, and Summarize Contents
Knowledge Verification, Type Identification , Key-Point Summarization

Memorization
Recall and Recognition of Agricultural Facts, Terms, Concepts, and Procedures
Terminology Explanation, Fundamental Principles , Operational Rules, Production Management Essentials

M-P 78.1
M-T 96.5
64.4
52
26
32.2
33.3
M-R 100
66.7
I-S 100
66.7
33.3
I-D 75
50
25
33.3
U-V 77.7
51.8
25.9
28.9
57.8
I-N 86.7
58.2
87.3
I-P

Expert
ChatGPT
GPT-4o-mini
KwooLa
Qwen2.5-32B-Instruct
Qwen2.5-72B-Instruct