

Introduction to Our University and Japanese Agriculture



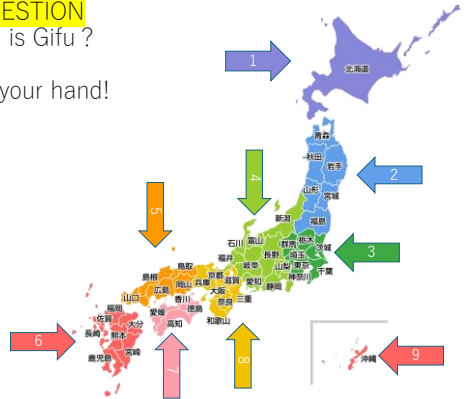
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1st QUESTION

Where is Gifu ?

Raise your hand!



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Our University is Made up of Six Faculties, and Nine Graduate Schools

UNDERGRADUATE FACULTIES

1. Faculty of Applied Biological Sciences
2. Faculty of Education
3. School of Medicine
4. Faculty of Engineering
5. Faculty of Regional Studies
6. School of Social System Management

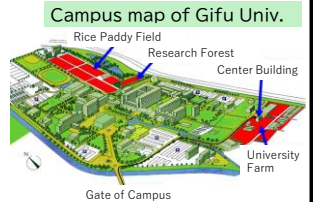
GRADUATE SCHOOLS

1. Graduate School of Education
2. Graduate School of Regional Studies
3. Graduate School of Medicine
4. Graduate School of Engineering
5. Graduate School of Science and Technology (MC)
6. Joint Graduate School of Veterinary Sciences (MC)
7. United Graduate School of Agricultural Science (DC)
8. United Graduate School of Veterinary Sciences (DC)
9. United Graduate School of Drug Discovery and Medical Information Sciences

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Facilities

1. Gifu Field Science Center
2. Veterinary Teaching Hospital
3. Research Center for Wildlife Management
4. Life Science Research Center
5. River Basin Research Center



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Agricultural Comparison: Japan vs Thailand

Land, Economy, Population, and Climate-based Agriculture



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Climate and Agriculture in Thailand

- Tropical and subtropical climate allows year-round farming
- Central plains support double/triple cropping with irrigation
- Major crops: Rice, tropical fruits (durian, mango), rubber
- Increasing mechanization and ICT in agriculture





Seasonal Agriculture in Japan

- Spring: Sowing, fruit tree blooming
- Summer: Rice growth, vegetable harvest
- Autumn: Rice harvesting, fruit harvest
- Winter: Greenhouse farming, Cold-sweetened vegetables
- Snowy Regions: Use of snowmelt water, winter maintenance

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Agriculture in Hokkaido

Largest agricultural area in Japan. Major crops: wheat, potatoes, sugar beets, dairy farming. Cool climate suitable for large-scale mechanized farming



Monthly Average Temperature: Sapporo vs Bangkok

Month	Sapporo (°C)	Bangkok (°C)
1	5	25
2	10	25
3	15	25
4	20	25
5	25	25
6	25	25
7	25	25
8	25	25
9	25	25
10	25	25
11	25	25
12	5	25

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Agriculture in Tohoku & Hokuriku

Known for rice production. Fruits like apples and cherries are also significant. During winter season, snow cover paddy field for a few months.



Monthly Average temperature: Niigata vs Bangkok

Month	Niigata (°C)	Bangkok (°C)
1	5	25
2	10	25
3	15	25
4	20	25
5	25	25
6	25	25
7	25	25
8	25	25
9	25	25
10	25	25
11	25	25
12	5	25

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Agriculture in Kanto & Tokai

Urban-rural mix with vegetable and flower farming. Rice and leafy greens are common. High demand from Tokyo metropolitan area. In Tokai, Gifu is included. Diverse agriculture: tea, citrus, vegetables, and rice.



Monthly Average Temperature: Gifu vs Bangkok

Month	Gifu (°C)	Bangkok (°C)
1	5	25
2	10	25
3	15	25
4	20	25
5	25	25
6	25	25
7	25	25
8	25	25
9	25	25
10	25	25
11	25	25
12	5	25

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Agriculture in Kyushu & Shikoku

Warm climate ideal for sweet potatoes, citrus, and rice. Also known for livestock and greenhouse farming. Volcanic soil contributes to fertile land.



Monthly Average Temperature: Kumamoto vs Bangkok

Month	Kumamoto (°C)	Bangkok (°C)
1	10	25
2	15	25
3	20	25
4	25	25
5	25	25
6	25	25
7	25	25
8	25	25
9	25	25
10	25	25
11	25	25
12	10	25

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Agriculture in Okinawa

Subtropical climate supports sugarcane, pineapples, and tropical fruits. Small-scale farming with local varieties.

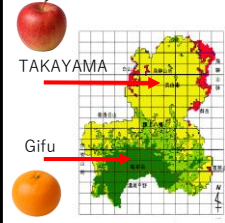
Monthly Average Temperature: Naha vs Bangkok

Month	Naha (°C)	Bangkok (°C)
1	20	25
2	25	25
3	25	25
4	25	25
5	25	25
6	25	25
7	25	25
8	25	25
9	25	25
10	25	25
11	25	25
12	20	25

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Environment and Agriculture in Gifu Prefecture

Takayama, including Shirakawa-go, is a snowy, high-altitude area with an environment similar to that of northern Japan. Gifu City, near Nagoya, is lowland and hot in summer.



Monthly Average Temperature: Takayama, Sapporo, Gifu vs Bangkok

Month	Takayama (°C)	Sapporo (°C)	Gifu (°C)	Bangkok (°C)
1	5	5	5	25
2	10	10	10	25
3	15	15	15	25
4	20	20	20	25
5	25	25	25	25
6	25	25	25	25
7	25	25	25	25
8	25	25	25	25
9	25	25	25	25
10	25	25	25	25
11	25	25	25	25
12	5	5	5	25

Sea level

- Forest Limit ----- >2500m
- Coniferous Forest Zone ----- 1600m-2500m
- Deciduous Broadleaf Forest-- 300m-1600m
- Transition Zone -----150m- 300m
- Evergreen Broadleaf----- 0m -150m Forest Zone

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