• Institute of Agricultural Machinery (IAM)
• National Agriculture and Food Research Organization (NARO)

Yoshiyuki KAWASE
Chief of International Relations
Department of Planning Liaison Office
NARO Institute of Agricultural Machinery (NARO/IAM)
organization chart of NARO (2016.4～)

President, Senior Vice-President, Vice-President, Board Member

Corporate Auditor

Headquarters

Agri-Food Business Innovation Center

Region Agricultural Research Center
- Hokkaido Agricultural Research Center
- Tohoku Agricultural Research Center
- Central Region Agricultural Research Center
- Western Region Agricultural Research Center
- Kyushu Okinawa Agricultural Research Center

Research Institution
- Institute of Fruit Tree and Tea Science
- Institute of Vegetable and Floriculture Science
- Institute of Livestock and Grassland Science
- National Institute of Animal Health
- Institute of Rural Engineering
- Food Research Institute
- Institute of Agrobiological Sciences

Prioritized Research Institution
- Institute of Crop Science
- Institute of Agricultural Machinery
- Institute of Agro-Environmental Sciences

Research Infrastructure Center
- Advanced Analysis Center
- Genetic Resources Center

Center for Seeds and Seedlings

Bio-oriented Technology Research Support Center
Departments of IAM

○ Department of Planning
○ Department of Testing and Evaluation
○ Department of General Administration
○ Department of Innovative Engineering Research
○ Department of Crop Production Machinery and System
○ Department of Mechanization for Horticulture and Animal Industry
○ Department of Farm Labor and Environmental Engineering
Department of Testing and Evaluation

National Test, IAM Test, Safety Test, OECD Test and Confirmation and Proof of the Functions of Motor Vehicles, etc. for Agricultural Use

- Tractor Testing Section
- Transplanter, Sprayer and Harvester Testing Section
- ROPS Testing Section
Department of Innovative Engineering Research

- Farm Robotics Unit
- Horticultural Robotics Unit
- Agro Informatics Unit
Department of Innovative Engineering Research

1 Ultra Labor saving & Mass production

Breaking the limit of work capacity by working at night, multiple working and automatic working by introducing GPS.

2 Maximize the Crop Potential

Precision farming with sensing technology and past data to Maximize Crop Potential and accomplish high yield + high quality Crop

Smart Agriculture

New Agriculture to accomplish ultra Labor saving, high quality production by robotics and ICT

3 Free from hard and dangerous labor

Assist suits for Hard labor such as loading and off loading, Automation of work Grass cutting using robot.

4 Easy-to-Start Agriculture

For less experienced farmers assistance device for agricultural machinery, and database of Agricultural know-how for young farmers to challenge Agriculture.

5 Trust & Security to consumers & users

To earn trust and provide security to consumers and users by directing production information by cloud system
• Field Preconditioning and Planting Unit

• Crop Cultivation Management Unit

• Harvest and Post-Harvest Unit
Department of Mechanization for Horticulture and Animal Industry

- Fruit Production Engineering Unit
- Vegetable Production Engineering Unit
- Protected Horticulture and Postharvest Engineering Unit
- Animal Industry Engineering Unit
Department of Farm Labor and Environmental Engineering

- Safety Engineering and Ergonomics Unit
- Work Environment Technology Evaluation Unit
- Energy and Resources Engineering Unit
IAM’s contribution to the society

Mechanization of Rice Production

Conducting National test and Safety test to promote Agricultural Machinery with High Performance and Safety

Developing and commercialize Agricultural Machinery for commodity which were left behind in Mechanization

Endorsing Smart Agriculture such as Agricultural Robots and Precision Farming