



# Thai Society of Agricultural Engineering

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Website: [www.tsae.asia](http://www.tsae.asia)



# Brief history

- Established 19<sup>th</sup> February 1976
- 474 current members and growing
  - University faculties, government officers and industry engineers
- Dares Kittiyopas, 6<sup>th</sup> President (2009 – Present)





# Objectives

- To promote research and extension in the field of agricultural engineering
- To provide consultancy and technical services
- To facilitate collaboration among stakeholders, e.g., government agencies, universities and industries



# Activities

- Publication
  - Thai Society of Agricultural Engineering Journal
  - Agricultural machinery buying guide
- Organizing
  - TSAE Annual Conference
  - Agricultural Engineering Student Senior-Project Conference
- Services
  - Drafting/revising standards
  - Technical training
  - Agricultural Machinery Industry Map



# Partners

- TSAE has partnered up with various organizations on a wide range of activities
  - Thai Industrial Standards Institute
  - Iron and Steel Institute of Thailand
  - Agricultural Machinery Manufactures Industry Club
  - National Agricultural Machinery Center
  - Board of Investment of Thailand
  - Weed Science Society of Thailand
  - Leading national universities
  - Private companies



Agricultural Machinery Manufactures Industry Club



Thai Industrial Standards Institute  
Ministry of Industry

**สถาบันเหล็กและเหล็กกล้าแห่งประเทศไทย**  
**IRON AND STEEL INSTITUTE OF THAILAND**





# TSAE Journal: [www.tsae.asia/journals](http://www.tsae.asia/journals)

- Bi-annual research journal
- Only one in Thailand that is dedicated to agricultural engineering
- Scope
  - Power and machinery
  - Soil and water engineering
  - Post-harvest and food engineering
  - Structures and buildings
  - Agricultural systems
  - Electronics and information technology
  - Energy and environment

ISSN 1685-408X



วารสารวิศวกรรมเกษตร  
TSAE JOURNAL

วารสารสมาคมวิศวกรรมเกษตรแห่งประเทศไทย  
Thai Society of Agricultural Engineering Journal

ปีที่ 21 ฉบับที่ 1 มกราคม-มิถุนายน 2558

Volume 21 No.1 January-June 2015





# TSAE Annual Conference

- Annual academic conference
- 150-250 attendees each year
- Update on new technologies and network





# Agricultural Engineering Student Senior-Project Conference

- Annually organized
- Foster new generations of task force





# Field irrigation training





# Tractor technician training





# Drafting/revising standards

- Drafting/revising standards for Thai Industrial Standards Institute (TISI)
  - Agricultural tractors
  - Sugarcane planters
  - Sugarcane grabbers
  - Small air-cooled gasoline engines
  - Brush cutter
  - Combine harvesters
  - Small rice milling machines
  - Farm trucks
  - Paddy dryers
  - Trailers for walk-behind tractors





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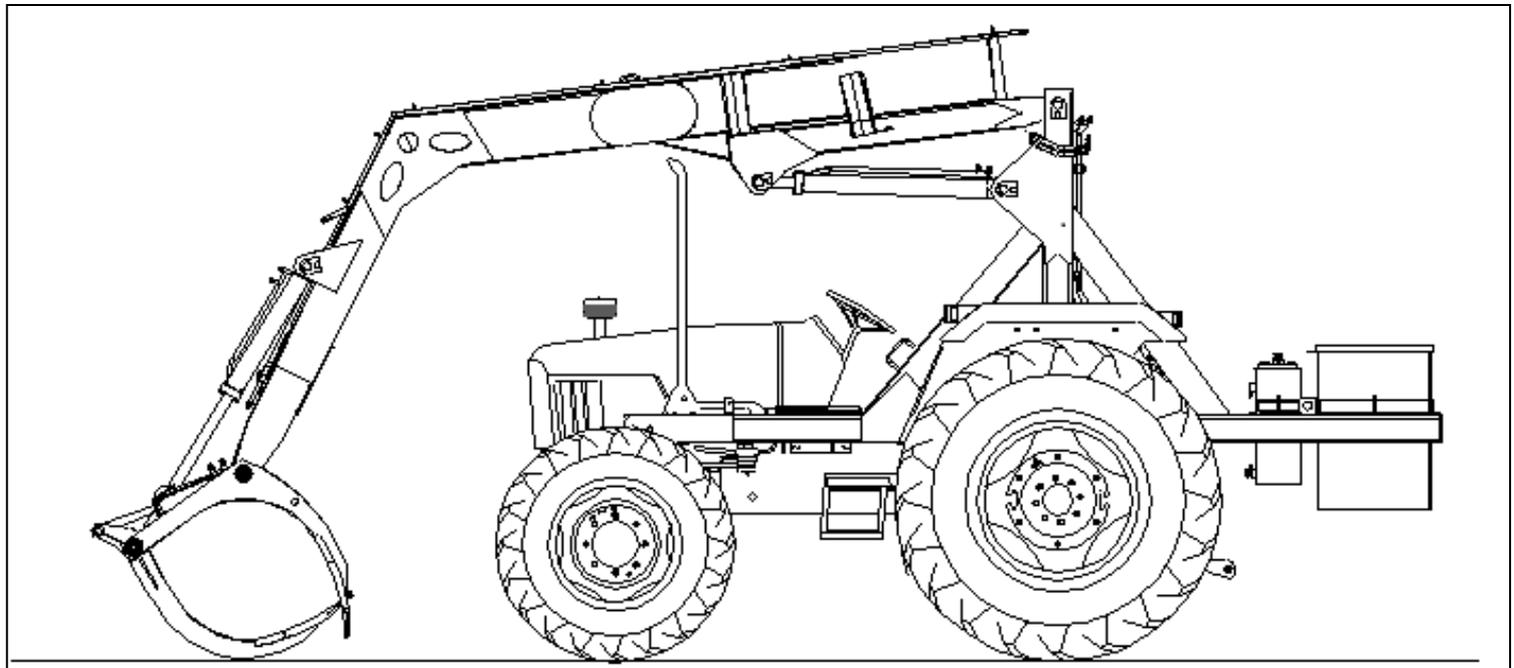
# มาตรฐานผลิตภัณฑ์อุตสาหกรรม

THAI INDUSTRIAL STANDARD

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## เครื่องคีบอ้อย

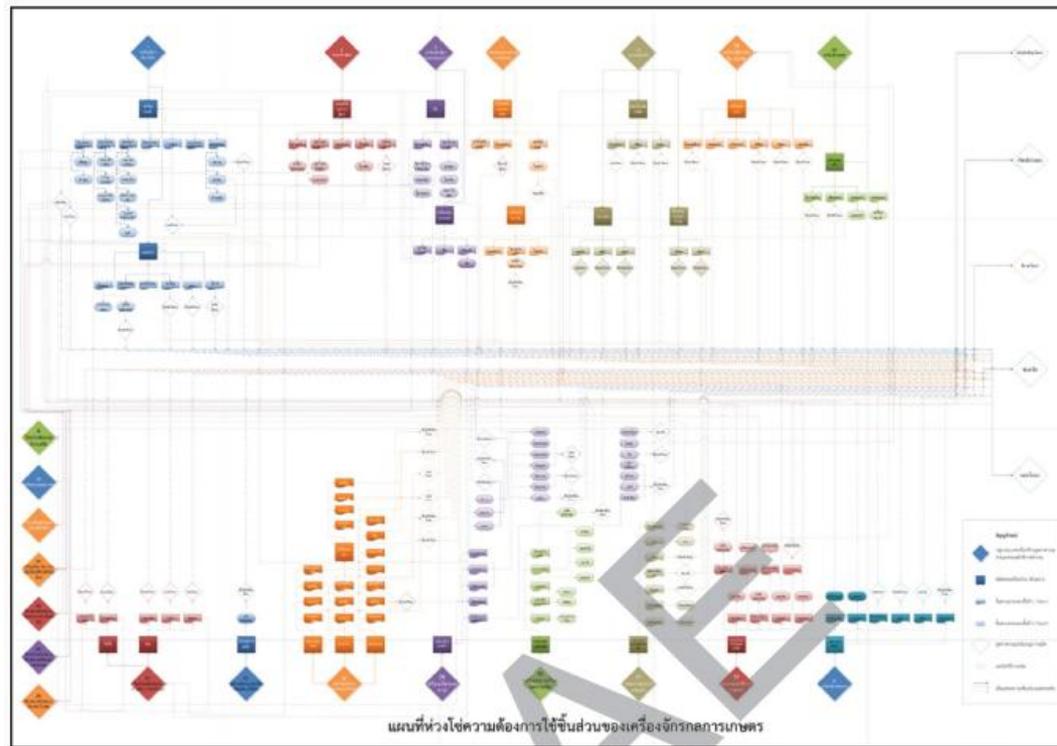
SUGARCANE GRABBER





# Agricultural Machinery Industry Map

- 2013: Service provided to Board of Investment of Thailand (BOI)
  - Map depicting the structure of Thailand's agricultural machinery industry in the production supply chain





# THANK YOU FOR YOUR ATTENTION

