



JSTS 2013 SPRING MEETING WAS HELD IN JUNE

Japanese Society of Turfgrass Science (JSTS) held their Spring Meeting at Meiji University, Ikuta campus in 14th-15th, June. The meeting included symposium, oral sessions, business meeting, ceremony of citation and awards, and also included 4 sectional meetings among golf course, turf school yard, parks & public and ground cover plants

SYMPOSIUM

Theme of the symposium in this meeting was "Safety Use of Turfgrass Maintenance Equipment". Panelists of symposium, Mr. Nakazawa (Kyoeisha company), Mr. Ushiki (golf course superintendent in Taiheiyō group), Dr. Tajima (Tokyo University of Agriculture), Mr. Okada (National Agriculture and Food Research Organization NARO), Mr. Kato (turf volunteer of turf school yards) discussed very eagerly.

AWARDS AND HONORS

JSTS AWARD

Ms. Maiko Okazaki, Graduate student at Utsunomiya University, received the JSTS award of the year. She was awarded for her study "Study of breeding system of turf strong weed Annual Bluegrass (*Poa Annua*)"



Dr. Masaru Ogasawara (Professor of Utsunomiya University, the chairman of JSTS) and his student Ms. Maiko Okazaki (JSTS Award winner).

JAPAN TURF AWARD

JSTS have one more award, called the "Japan Turf Award". The Award winner of this year is National Kasumigaoka Stadium (Tokyo) which we call National Stadium of football, the holy site of Japanese sports turf. It will renovate from next year to 2017.



Mr. Tuchida, National Kasumigaoka Stadium (Left) and Dr. Ogasawara (Right), chairman of the presenter.

HORNARS

Katsuyosi YONEYAMA, Ph.D. (Former professor of Meiji University, plant pathology) and Mitsuyoshi HASEGAWA received honorary membership. Dr. Yoneyama is the former chairman of JSTS. Mr. Hasegawa contributed to help establishing of our society since 1972.



Dr. Yoneyama (Left) and Dr. Ogasawara (Right)

ORAL SESSION

1-1

Trend of soil analysis data of golf course putting greens in Japan II.

-Data distributions of NH₄-N and NO₃-N-

Masakazu J. USHILO

1-2

Trend of tissue analysis data of golf course putting greens in Japan-I.

Seasonal change and data distribution of each nutrient of leaf tissue

Masakazu J. USHILO

1-3

Simultaneous chemical analyses of bentgrass leaf blades and their growing soil collected from two putting greens under different environmental growth conditions

Takio ICHITANI, Masanori ITO, Yoshikuni HIRAGUCHI, Ryota NAKAMURA, Hironori TATSUMI and Hisashi NAKANISHI

1-4

Study on epidermal structure of turfgrass leaf-I. Observation of multi-convexed, microlens-shaped structure by Nano Search Microscopy

Masakazu J. USHILO, Taro TAKEMURA and Takashi MINOWA

1-5

Obtained knowledge of bentgrass leaf blade analysis

Report3: About change of the amount of storage carbohydrates gotten by leaf blade analysis in bentgrass

Takahisa OHKAWA, Kenji MURAKAMI, Kaoru HORI and Masae SHINTANI

1-6

Physiological and adaptational response of turfgrasses to salinity stress

Ran XU, Hideyasu FUJIYAMA

1-7

Effect of mineral application on hybrid bermudagrass at football stadium

Yoko KATO, Tetsu CHO, Shoichi KIMURA and Toshio UEHAMA

1-8

The growth reaction of hybrid bermudagrass in lime dust under modified conditions using peat moss

Masahiro KATO and Kouichi ANDO

1-9

Effect of sunlight condition on hybrid bermudagrass at sports field

Mika SETA, Tetsu CHO, Shoichi KIMURA, Shingo KAMOSHIDA and Tomoyuki UCHIYAMA

1-10

Growth and Nutrients Contents of Creeping Bentgrass in Golf Putting Greens during Summer.

Naohito SHIMADA, Rena SHIRAHATA, Kouji YOSHIKUNI, Masamitsu IDEYAMA, Youko YUKIMURA and Syouiti KIMURA

1-11

Pythium diseases on creeping bentgrass during warm - hot season in Japan

Nobuhiro SASAKI, Ryosuke SUZUKI, Toshihiro HAYAKAWA and Koji KAGEYAMA

1-12

The characteristics of pyribencarb for dollar spot control

Toshihiro HAYAKAWA, Nobuhiro SASAKI, Ryosuke SUZUKI,
Kenichi KIDA and Shigeo Yamada

1-13

Investigation of microbial community in turfgrass soil by
polymerase chain reaction - denaturing gradient gel
electrophoresis

Misato MATSUOKA, Kyo ITOYAMA, Katsuyoshi YONEYAMA,
Shigeru KUWATA and Shuichi OHSATO

2-1

Growth enhancement of creeping bentgrass by Grasten WP(I).
Yuriko OZAWA, Shuji KUMATA and Yuusuke KAMADA

2-2

The new technology of plant growth regulator for improving the
quality of Zoysiagrass (*Zoysia matrella*) putting green
Shigemasa NAGAE, Eriko FUJIKI, Jun SAKAMOTO, Tomoko
MATSUTANI and Yoshiaki UENO

2-3

Effect of light conditions on algae control of ziram
Hitomi TOHBAE, Kazunori MATSUDA and Yuji KAMIYA

2-4

Studies on growth inhibition of Nostoc commune
(Cyanophyceae, Cyanobacteria) by vascular plants
Taketo NAKANO, Shigeki MIZUSHIMA, Yoshihiro HONDA,
Yukihiro SHIMIZU and Hitomi GOKURAKUJI

2-5

Study of a new herbicide, Indaziflam (3) – Herbicidal efficacy on
different depth seeds and practicality of mixture, sequential
application

Shigetoshi OBUCHI, Takayuki HATTA and Hisato SUZUKI

2-6

Study on a new herbicide, KUH-062H (2) Properties of
turfgrass herbicide

Yutaka MIURA, Tomoko MATSUTANI, Takuya IWATA,
Toshihiro HAYAKAWA and Yuki TAKAHASHI

2-7

Study of a new fungicide, penflufen (1)

Shin NAKAMURA, Shigetoshi OBUCHI, Kuniyasu
YUKINOURA, Takuma SHIGYO, Tetsuya INUTA, Hirohisa
OHTAKE and Hideki YAMAMOTO

2-8

Identification of the causal pathogen of blast on St. Augustine
grass and features of disease occurrence of ryegrass blast
Takao TSUKIBOSHI, Takako KIYOSHI, Akira MASUNAKA and
Ikuko OKABE

2-9

Reducing summer decline in bentgrass putting green by
program fungicide application (II)

Masanori ITO, Takio ICHITANI, Kuniyasu YUKINOURA,
Takayuki HATTA, Tetsu CHO, Shoichi KIMURA and Hitoshi

KATAYAMA

2-10

Evaluation to the Green Curtain seen from Residents in
Temporary House

Kentaro IIJIMA, Hiromi ADACHI, Shiro WAKUI, Yasuhiro
Oomori and Kazui YOSHIDA

2-11

Improvement Effect of Thermal Environment for Temporary
House by Green Curtain

Hiromi ADACHI, Shiro WAKUI, Yasuhiro OOMORI, Kazui
YOSHIDA and Kentaro IIJIMA

2-12

Influence of turf condition by solar radiation, temperature and
relative humidity in 2012 summer time

Sachiko KIKUCHI and Hajime KOSHIMIZU

2-13

Turfed School yards being evergreen—A school teacher,
inhabitants, greenskeeper and student—

Tomo KATO

2-14

Effects of Mixture of Polyurethane Resin into Planting Ground
on Growth and Tolerance to Treading of Turfgrass

Kei OGURA, Takao SHINONAGA, Terumasa TAKAHASHI and
Keishi HASEGAWA

2-15

Investigation of the physical and the mental health of the pupil
on the environment of school turf

Hikaru AKAMINE, Michiko KURATANI, Yushi KAWAMOTO, Md.
Amzad HOSSAIN and Masanobu TAMAKI

POSTER SESSION

3-1

Growth and contents of inorganic nutrient during cultivation in
zoysiagrass

Eun-Ji Bae, Kwang-Soo Lee, Eun-Hui Han, Yong-Bae Park

3-2

An analysis on morphological variation of natural zoysiagrass
in South Korea

Eun-Ji Bae, Kwang-Soo Lee, Eun-Hui Han, Yong-Bae Park

3-3

Characteristics of floral organ and pollen of natural zoysiagrass
in South Korea

Eun-Ji Bae, Kwang-Soo Lee, Jin-Yeong Hwang, Yong-Bae
Park

3-4

Insecticidal activity of some plant extracts and insecticides
against *Exomala orientalis*

Dong-Soo Kim, Eun-Ji Bae, Kwang-Soo Lee, Sang-Myeong
Lee, Dong-Woon Lee

SECTIONAL MEETINGS



Golf Course

"The Progress of Green Mowers in these 5 years" was presented by the committee on the sectional meeting of "Golf Course"

Parks and Open Space

"The turfgrass Management -Actual Condition of urban park and Green Tract. Anecdotal Report 11" was presented by the committee on the sectional meeting of "Parks and Public Green"

School Turf

"Present status and next objectives for school turf." was presented by the committee on the sectional meeting of "School Turf"

Ground Cover Plants for Planting

"Practical Use of Ground Cover Plants which is Useful for Improvement in the Landscape of Golf Course" was presented by the committee on the sectional meeting of "Ground Cover Plants"

FURTUE EVENTS

Symposium

"TURFGRASS in the point of Sports and physical training"

At National Kasumigaoka Stadium (Tokyo) in 4th Aug.

2013 Autumn Meeting in MIYAZAKI

Autumn Meeting will be held in 8th-10th Nov in Miyazaki, Japan.

JGIA Japan Turf Show

Japan Turf Show will be held at Fukuda Denshi Arena (Chiba) in 14th-15th November by Japan Golf course Industry Association (JGIA).

2014 Annual Spring meeting

2014 Annual Spring meeting will be held by Utsunomiya University concerning exposing radioactive contaminant by real function of Turfgrass dated the end of June, 2014.

See JSTS official web site: <http://www.jsts-online.com/start/>



JAPANESE SOCIETY OF TURFGRASS SCIENCE



JSTS has 41 years history and about 700 members.

JSTS holds spring and autumn annual meetings, special symposiums and

publish Journal twice per year by JSTS.

JSTS have 4 sectional meetings about "golf course", "school turf", "parks and open space", "ground cover plants for planting".



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