

The 7th Japan-China-Korea Grassland Conference
List of Presenters

as of 21 June

Proceeding ID	Paper ID	Title	First Name	Last Name	Affiliation	Session	Presentation Style	Paper Title
Keynote-1	-	Dr.	Mario	HERRERO	Commonwealth Scientific and Industrial Research Organisatio	-	Keynote	The role of grasslands in food security and environmental sustainability
Keynote-2	-	Prof.	Toshihiko	YAMADA	Hokkaido University	-	Keynote	Forage production and utilization in Hokkaido, Japan
S1-001	10043	Dr.	Tae-Young	HWANG	National Institute of Animal Science, RDA	1	Invited	The current status on the breeding of Italian ryegrass varieties and utilization in South Korea
S1-002	10006	Prof.	Gongshe	LIU	The Chinese Academy of Sciences	1	Invited	Advances in gene mining and genetic engineering of forage in China
S1-003	10135	Dr.	Genki	ISHIGAKI	University of Miyazaki	1	Invited	Genetics, breeding and utilization of tropical forage
S1-004	10095	Prof.	Xinquan	Zhang	Sichuan Agricultural University	1	Oral	The Dynamic regulation of transcription factors during vernalization of orchardgrass
S1-005	10129	Prof.	Suo-Min	Wang	Lanzhou University	1	Oral	Heterologous expression of ZxABCG11 from <i>Zygophyllum xanthoxylum</i> enhances the drought tolerance of <i>Arabidopsis</i>
P1-001	10027	Prof.	Yuping	Rong	China Agricultural University	1	Poster	Germination responses to temperature and water potential in <i>Allium tenuissimum</i> L. seeds using a hydrotime model
P1-002	10048	Ms.	haifan	shi	nanjing agricultural university	1	Poster	A Eukaryotic elongation factor 2 gene from <i>Medicago falcata</i> (MfEF2) confers cold tolerance
P1-003	10052	Ms.	Cong	Guan	China Agricultural University	1	Poster	Proline metabolism coordination with lignin biosynthesis pathway in <i>Panicum virgatum</i> L.
P1-004	10053	Prof.	Junqin	Zong	Institute of Botany, Jiangsu Province and Chinese Academy of Sciences	1	Poster	Reference gene selection for quantitative RT-PCR in <i>Miscanthus sacchariflorus</i> under abiotic stress conditions
P1-005	10054	Mr.	Quan	Cao	Lanzhou University	1	Poster	Effects of planting cocksfoot on soil water storage of a rain-fed apple orchard
P1-006	10056	Dr.	Takao	Tsukiboshi	Western Region Agricultural Research Center, NARO	1	Poster	Phylogeny and epidemiology of oomycetes causing soil-borne diseases of forage crops in Japan ~ comparison with <i>Phytophthora</i> root rot of taro
P1-007	10059	Dr.	Xiaoguang	Wang	Dalian Minzu University	1	Poster	Influences of salinity, drought and nitrogen addition on C:N:P stoichiometry in the <i>Allium polyrhizum</i> and <i>Stipa krylovii</i> which dominated in semi-arid grassland of northern China
P1-008	10060	Dr.	Hongxiang	Zhang	Northeast Institute of Geography and Agroecology, CAS	1	Poster	The best salt solution parameter to describe seed/seedling responses of <i>Medicago sativa</i> and <i>Elymus dahuricus</i> to saline and sodic salts
P1-009	10062	Prof.	Xinquan	Zhang	Sichuan Agricultural University	1	Poster	Screening of reference genes for real-time fluorescence quantitative PCR in Annual Ryegrass subjected to various abiotic stresses
P1-010	10063	Prof.	Xinquan	Zhang	Sichuan Agricultural University	1	Poster	The dynamic regulation of transcription factors during vernalization of orchardgrass
P1-011	10065	Prof.	Xinquan	Zhang	Sichuan Agricultural University	1	Poster	Transcriptional profiles and association analysis with drought tolerance in <i>Miscanthus sinensis</i> based on RNA-sequencing
P1-012	10067	Mr.	Jeongsung	Jung	National Institute of Animal Science	1	Poster	The effects of grass seed mixtures using domestic cultivars on botanical composition and dry matter productivity in a hilly pasture in Northern region of Korea under climate change
P1-013	10068	Dr.	Jianjian	Li	Institute of Botany, Jiangsu Province and Chinese Academy of Sciences	1	Poster	Development of a high-efficiency plant regeneration system for centipedegrass (<i>Eremochloa ophiuroides</i> (Munro) Hack.) based on immature inflorescence derived callus cultures
P1-014	10069	Prof.	Hailin	Guo	Institute of botany, Jiangsu Province and Chinese Academy of Sciences	1	Poster	Association of candidate genes with drought tolerance traits in zoysiagrass accessions
P1-015	10070	Prof.	Hailin	Guo	Institute of botany, Jiangsu Province and Chinese Academy of Sciences	1	Poster	The genetic diversity and salinity tolerance of Chinese seashore paspalum accessions
P1-016	10071	Mr.	Qin	Dong	Hiroshima Univ.	1	Poster	Growth, productivity and physiological characteristics of low phytate soybean
P1-017	10083	Dr.	Decao	Niu	Lanzhou University	1	Poster	Effect of different plant community types on microbial nutrient limitation in Alpine meadow grassland
P1-018	10084	Ms.	LI	QIAN	Western Arid Region Grassland Resources&Ecology Key Lab	1	Poster	Study on phenotypic variation of 5 wild <i>Medicago falcata</i> populations in Xinjiang
P1-019	10086	Prof.	Xinquan	Zhang	Sichuan Agricultural University	1	Poster	Transcriptome identification of drought-related genes and SSR markers in Sudan grass using RNA-Seq
P1-020	10087	Ms.	WANG	YI	Western Arid Region Grassland Resources&Ecology Key Lab	1	Poster	Study on pollen dispersal and fecundity by different inbreeding patterns of alfalfa inside and outside the net room

Proceeding ID	Paper ID	Title	First Name	Last Name	Affiliation	Session	Presentation Style	Paper Title
P1-021	10088	Mr.	SONG	QI	Western Arid Region Grassland Resources&Ecology Key Lab	1	Poster	Endogenous hormones change during alfalfa seed germination and exogenous IAA affects on germination of alfalfa seed
P1-022	10091	Prof.	Zhenfei	Guo	Nanjing Agricultural University	1	Poster	Overexpression of a transcription factor NF-YC enhances drought and salt tolerance in seashore paspalum
P1-023	10093	Prof.	Shaoyun	Lu	South China Agricultural University	1	Poster	Comparative physiological analysis reveals regulation of NR-dependent nitric oxide on cold tolerance in forage legumes
P1-024	10097	Prof.	Qi-zhong	Sun	Chinese Academy of Agricultural Sciences	1	Poster	Silk road and alfalfa in China
P1-025	10102	Dr.	Liyun	Liu	Hiroshima University	1	Poster	Growth, water relations, solute accumulation, and oxidative damage of two Chinese oat (<i>Avena sativa</i> L.) cultivars under salinity
P1-026	10111	Prof.	Hitoshi	Sawada	Shizuoka Univ.	1	Poster	Preferences of male and female field crickets for Italian ryegrass and white clover seeds
P1-027	10114	Dr.	Naohiro	Uwatoko	National Agriculture and Food Research Organization	1	Poster	A single dominant mendelian factor mainly controls resistance to the southern root-knot nematode (<i>Meloidogyne incognita</i>) in black oat, <i>Avena strigosa</i>
P1-028	10117	Ms.	mei	Yang	Lanzhou Univ.	1	Poster	Influence of shading on photosynthetic characteristics of three forages in an apple orchard
P1-029	10118	Ms.	Le	Mu	Lanzhou Univ.	1	Poster	Temporal variation of evapotranspiration in pastoral areas of northwestern China from 2001 - 2016
P1-030	10119	Prof.	Zimei	Qiao	Lanzhou Univ.	1	Poster	Effect of water availability on ecological stoichiometric ratio of alfalfa in different phenological periods
P1-031	10120	Prof.	Feifei	You	Lanzhou Univ.	1	Poster	Leaf litter N/P is affected by green leaf N/P and P resorption efficiency in three functional groups
P1-032	10121	Ms.	Yixiao	Lu	Lanzhou Univ.	1	Poster	Seedling emergence of lucerne-grass mixture subjected to species combination, sowing ratio and pattern in the Loess Plateau of China
P1-033	10123	Prof.	Minguo	Liu	Lanzhou Univ.	1	Poster	Potassium distribution and biomass accumulation of quinoa at different growth stages
P1-034	10130	Prof.	fan	jiangwen	Institute of Geographic Sciences and Natural Resources Research, CAS	1	Poster	The effects of eco-restoration programs on grassland yield and grazing pressure in the Three-River Headwaters Region, China
P1-035	10132	Dr.	Takahiro	Gondo	University of Miyazaki	1	Poster	Particle inflow gun-mediated transformation of embryogenic callus in dwarf napier grass (<i>Pennisetum purpureum</i> Schumach.)
P1-036	10138	Dr.	Xiongbing	Tu	Institute of Plant Protection Chinese Academy of Agricultural Sciences	1	Poster	Improving a method for evaluating alfalfa cultivar resistance to thrips
P1-037	10141	Prof.	Shigenori	Morita	Tokyo University of Agriculture	1	Poster	Vegetative propagation of energy crop <i>Erianthus</i> by cuttings and tissue culture
P1-038	10142	Prof.	Zehua	Zhang	Institute of Plant Protection Chinese Academy of Agricultural Sciences	1	Poster	Molecular ecological basis of grasshopper (<i>Oedaleus asiaticus</i>) phenotypic plasticity under environmental selection
P1-039	10151	Prof.	fengling	shi	Inner Mongolia Agricultural University	1	Poster	Transcriptome sequencing and analysis of differentially expressed genes related to male sterility in alfalfa
P1-040	10153	Dr.	Fei	Peng	Tottori University	1	Poster	Plant growth and community composition response to nutrients addition-implication for recovery of degraded alpine grassland
P1-041	10158	Mr.	Zhixue	Chen	Lanzhou University	1	Poster	Slope aspect and location affect plant community diversity under peashrub shrubland in a small catchment on the Chinese Loess Plateau
P1-042	10159	Mr.	Jae Hoon	Woo	National Institute of Animal Science	1	Poster	Study on growth characteristics and nutrient contents of <i>Sasa quelpaertensis</i> Nakai depending on altitude
P1-043	10165	Prof.	Jianguang	Wang	Inner Mongolia Agricultural University	1	Poster	Study on threshold value of economic irrigation for Kentucky bluegrass
P1-044	10168	Prof.	Masayuki	Yamashita	Shizuka Univ.	1	Poster	Grass endophyte symbiosis increases herbicide resistance in naturalized Italian ryegrass in Japan
P1-045	10169	Dr.	PATTAMA	NITTHAISONG	University of Miyazaki	1	Poster	Evaluation of genetic diversity in <i>Brachiaria</i> species by using inter-simple sequence repeat markers
P1-046	10172	Prof.	Guowen	Cui	Northeast Agricultural University	1	Poster	Effects of elevations on photosynthesis and osmotic regulation substances of <i>Elymus dahuricus</i> in the Qinghai-Tibetan Plateau
P1-047	10177	Dr.	Jahwan	Ku	National Institute of Crop Science	1	Poster	Delay of heading time as a doubled chromosome rye in middle region of Korea
P1-048	10184	Prof.	Wang	Mingjiu	Inner Mongolia Agricultural University	1	Poster	The root system characteristics of two hybrid soybean breeds between <i>Glycine soja</i> Sieb.et Zucc. and <i>Glycine max</i> (L.) Merr. in Inner Mongolia

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P1-049	10187	Dr.	HEE CHUNG	JI	National Institute of animal Science	1	Poster	Growth characteristics and productivity of new variety 'Green Call' of Italian ryegrass in South Korea
P1-050	10197	Dr.	Yingxin	Huang	Northeast Institute of Geography and Agroecology, Chinese Academy of S	1	Poster	The underlying basis for the tradeoff between leaf size and leafing intensity
P1-051	10198	Dr.	Fan	Gaohua	Chinese Academy of Sciences	1	Poster	The allometry of transpiration ratio and leaf traits of herbaceous species
P1-052	10208	Mr.	Suraj	Kar	Hokkaido University	1	Poster	Seasonal variation in photosynthesis of <i>Saccharum</i> × <i>Miscanthus</i> intergeneric hybrids under field condition in northern Japan
P1-053	10213	Ms.	Tzu-Ya	Weng	Hokkaido University	1	Poster	Genotype-screening tool for drought tolerance of <i>Miscanthus</i> spp.
P1-054	10218	Ms.	Zhihui	Guo	Hokkaido University	1	Poster	Genetic polymorphism of <i>Ghd 7</i> on heading date in <i>Miscanthus sinensis</i> populations from eastern Asia
P1-055	10222	Dr.	Zhaoqing	Chu	Shanghai Chenshan Botanical Garden	1	Poster	The effects of leaf-cutting on phosphorus homeostasis in <i>Brachypodium distachyon</i>
S2-001	10125	Prof.	Toshiya	SAIGUSA	Rakuno Gakuen University	2	Invited	Grassland management for dairy farm in Hokkaido
S2-002	10217	Prof.	Xusheng	GUO	Lanzhou University	2	Invited	Modulation of bacterial community and metabolome in whole crop corn silage by inoculating homofermenter <i>Lactobacillus plantarum</i> and heterofermenter <i>Lactobacillus buchneri</i>
S2-003	10193	Prof.	Jong Duk	Kim	Yonam college	2	Invited	Overview of recent progress in South Korea for enhanced forage based livestock production
S2-004	10015	Dr.	Hideki	Okamoto	Hokkaido Research Organization	2	Oral	Sweet sorghum production and forage quality at Minqin Oasis, Gansu, China
S2-005	10106	Mr.	Befekadu	Beyenssa	Kangwon National University	2	Oral	Analysis of dry matter yield trend of whole crop maize using time series analysis in Republic of Korea
P2-001	10001	Dr.	Guocheng	Wang	Institute of Atmospheric Physics, Chinese Academy of Sciences	2	Poster	Evaluation of the spatiotemporal changes of net primary productivity and its correlation with the climatic factors in Inner Mongolian grasslands
P2-002	10002	Dr.	Kentaro	Eguchi	NARO	2	Poster	Non-destructive prediction of the chemical composition and fermentation quality in corn whole-crop silage using near infrared reflectance spectroscopy
P2-003	10003	Ms.	Wene	Zhang	Lanzhou University	2	Poster	Households' adoption willingness on winter wheat dual-purposed use in central China
P2-004	10004	Mr.	Naoya	Kawarada	Mie Prefecture Agricultural Research Institute	2	Poster	Effect of brown rice drying system for feed rice using recirculating batch type dryer on drying efficiency, yielding percentage and feed compositions
P2-005	10005	Dr.	Yantao	Song	Dalian Minzu University	2	Poster	The yield and nitrogen concentration of <i>Leymus chinensis</i> depended more on mowing height than mowing intensity
P2-006	10008	Prof.	Masae	Shiyomi	Ibaraki Univ.	2	Poster	Systems approach to grassland production based on annual rainfall changes in Xilingol, Inner Mongolia
P2-007	10009	Dr.	Satoru	Fukagawa	Nagasaki Agricultural and Forestry Technical Development Center	2	Poster	Validation of linear regression model for total digestible nutrient concentration from in vitro dry matter digestibility and crude ash concentration developed in panicle-weight type to short-panicle type of forage rice (<i>Oryza sativa</i> L.) silage
P2-008	10010	Prof.	Wei	Sun	Northeast Normal University	2	Poster	Impacts of extreme drought on biomass production in <i>Leymus chinensis</i> meadow steppe depend on the timing of occurrence
P2-009	10012	Prof.	Yunna	Wu	Dalian Minzu University	2	Poster	Effect of various nitrogenous compounds and doses on photosynthetic characteristics of <i>Leymus chinensis</i> in meadow steppe in Inner Mongolia
P2-010	10013	Dr.	Manabu	Tobisa	University of Miyazaki	2	Poster	Effect of planting density on growth and yielding characteristics in phasey bean (<i>Macroptilium lathyroides</i>)
P2-011	10014	Dr.	Tsutomu	Kanno	Institute of Livestock and Grassland Science, NARO	2	Poster	Future projection for areas suitable for corn-corn double-cropping in Japan
P2-012	10016	Dr.	Yimin	Cai	Japan International Research Center for Agriculture Sciences	2	Poster	Preparation and fermentation of corn stover silage prepared in Mozambique
P2-013	10017	Ms.	Fengyuan	Yang	Zhengzhou University	2	Poster	Screening of antibacterial <i>Lactobacillus plantarum</i> A345 with high cellulose fermentation activity and its application in alfalfa ensiling
P2-014	10020	Mr.	Bo Kun	Li	Univ. Miyazaki	2	Poster	Feasibility of early sowing of spring maize (<i>Zea mays</i>) in triple forage cropping in southern Kyushu, Japan
P2-015	10021	Prof.	Yasuyuki	Ishii	Univ. Miyazaki	2	Poster	Feasibility of napiergrass (<i>Pennisetum purpureum</i>) pellets as bioenergy feedstock in southern Kyushu, Japan

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P2-016	10022	Ms.	Yixian	Bei	China Agricultural Univ.	2	Poster	Interspecific competitiveness affects forage yield in full mixed intercropping system combined by four functional types of plant species
P2-017	10023	Dr.	Ki CHoon	Choi	National Institute of Animal Science, RDA	2	Poster	Characterization of novel Probiotic Lactobacillus plantarum strains and its effect on quality improvement of low moisture silage
P2-018	10025	Dr.	Sachiko	Idota	University of Miyazaki	2	Poster	Agronomic traits of high-yielding sorghum (<i>Sorghum bicolor</i> Moench 'Tarzan') in Miyazaki Prefecture
P2-019	10028	Dr.	Tomomi	Kamizono	Tohoku Agricultural Research Center, NARO	2	Poster	Evaluation of fermentation quality in forage soybean silage
P2-020	10029	Ms.	Shanshan	Zhao	Zhengzhou University	2	Poster	Application of <i>Lactobacillus plantarum</i> ZZU203 with high antibacterial activity in alfalfa silage
P2-021	10034	Prof.	Xianglin	Li	Chinese Academy of Agricultural Sciences (CAAS)	2	Poster	Effects of N fertilization and associate grass plants on nitrogen fixation of alfalfa
P2-022	10035	Dr.	Won Ho	Kim	National Livestock Research Institute, RDA	2	Poster	Effect of sowing date and on varieties Italian ryegrass forage yields and quality of early spring-seeded in paddy field
P2-023	10039	Dr.	Yongchao	Zhang	Key Laboratory of Superior Forage Germplasm in the Qinghai-Tibetan Plateau, Qinghai university	2	Poster	Alternation of desert microbial community through plant litter inoculants from neighboring pasture and agriculture ecosystem
P2-024	10044	Prof.	Deli	Wang	Northeast Normal University	2	Poster	Nutrient fast and slow cycling linking to decomposition in grazed grasslands
P2-025	10046	Dr.	Fengge	Zhang	Nanjing Agricultural University	2	Poster	Bio-fertilizer effectively manipulates soil microbial diversities and communities to improve <i>Leymus chinensis</i> biomass
P2-026	10049	Dr.	Kiyoshi	Hirano	NARO Institute of Livestock and Grassland Science	2	Poster	Evaluation of the factors for effective overseeding of perennial ryegrass (<i>Lolium perenne</i> L.) on degraded grazing grasslands
P2-027	10050	Ms.	Yali	Qian	Lanzhou University	2	Poster	Characteristic of Arthrobacter abundance in rainfed apple orchard by intercropping legume forage
P2-028	10055	Mr.	Jianqiang	Deng	Lanzhou University	2	Poster	Replacing fallow with forage in a dryland wheat-fallow-wheat rotation may increase productivity
P2-029	10058	Dr.	Jishan	Chen	Institute of Pratacultural Science, Heilongjiang Academy of Agricultural Science,	2	Poster	Effects of clipping and fertilizing N on the relationships between species diversity and productivity in <i>Leymus chinensis</i> meadow
P2-030	10072	Dr.	Oukkyu	Han	National Institute of Crop Science	2	Poster	Effects of new inoculants on nutrients digestibility and fermentation characteristics of rye silage
P2-031	10073	Dr.	Bin	Bai	Nanjing Agricultural University	2	Poster	Selenium accumulation in alfalfa after selenite fertilization
P2-032	10077	Ms.	Tingting	Jia	China Agricultural University	2	Poster	The effects of temperature and LAB additives on fermentation quality of <i>Leymus chinensis</i> silage
P2-033	10078	Mr.	Musen	Wang	China Agricultural University	2	Poster	Effect of Lactobacillus plantarum 'KR107070' and a propionic acid-based preservative on the chemical and mycotoxin composition in alfalfa-corn mixed silage exposed to air
P2-034	10079	Ms.	Run	Gao	China Agricultural University	2	Poster	The fermentation profile and microbial population changes of maize-alfalfa mixed silage under different storage temperatures
P2-035	10080	Mr.	Yixiao	Xie	China Agricultural University	2	Poster	Effect of wilt conditions, simulated rain and additives on protein fractions of alfalfa silage in budding period
P2-036	10089	Ms.	Xujiao	Li	China Agricultural University	2	Poster	Effect of variety and harvesting stage on proteolysis of alfalfa silage
P2-037	10092	Mr.	Zhiqiang	Sun	China Agricultural University	2	Poster	The effect of corn hybrids and lactic acid bacteria on the quality and aerobic stability of whole-plant corn silage
P2-038	10094	Ms.	Jingui	Guo	China Agricultural University	2	Poster	Effects of applying lactic acid bacteria additives as a freeze-dried or fresh culture on quality of oats silage at different storage temperature
P2-039	10096	Mr.	Ying	Yun	China Agricultural University	2	Poster	Effects of cellulase, lactic acid bacteria and mixture on the fermentation quality and gas production of alfalfa silage
P2-040	10099	Mr.	Jongho	Park	National Institute of Crop Science	2	Poster	High forage yielding and good silage quality of a new barley(<i>Hordeum vulgare</i> L.) cultivar "Yeonho" having semi smooth awn in Korea
P2-041	10100	Mr.	Jongho	Park	National Institute of Crop Science	2	Poster	Selection of wheat varieties for feed use, using fallowed paddy field in Honam region of Korea
P2-042	10109	Mr.	Ji Yung	Kim	Kangwon National Universtity	2	Poster	Dry matter yield variation considering the nitrogen application rate for whole crop maize (<i>Zea mays</i> L.) in the Republic of Korea using meta-analysis
P2-043	10113	Dr.	Yang	Cao	Heilongjiang Bayi Agricultural University	2	Poster	Fermentation characteristics and aerobic stability of corn stover silage under low temperature

The 7th Japan-China-Korea Grassland Conference
List of Presenters

as of 21 June

Proceeding ID	Paper ID	Title	First Name	Last Name	Affiliation	Session	Presentation Style	Paper Title
P2-044	10115	Prof.	Luna	Wang	China Agricultural University	2	Poster	The effect of cellulase with or without different concentrations of Mn2+ on fermentation quality of alfalfa silage
P2-045	10116	Mr.	Stanford	Muyila	Obihiro Univ.	2	Poster	Effect of pre-treatment method (autoclaving and pasteurization) on the nutritive value of bagasse incubated with white-rot fungi
P2-046	10122	Dr.	Yimin	Cai	Japan International Research Center for Agriculture Sciences	2	Poster	Natural microbial communities affect fermentation quality of corn silages prepared without inoculant
P2-047	10127	Mr.	Tatsuya	Okui	Rakuno Gakuen Univ.	2	Poster	Nutrient dynamics under different stocking methods and grazing cattle in temperate pastures
P2-048	10128	Mr.	Yuhei	Wada	Rakuno Gakuen Univ.	2	Poster	Differences in rate of decline of forage quality with growing stage of the first crops among temperate grasses
P2-049	10133	Mr.	SICHUL	KIM	Kangwon Univ.	2	Poster	Effect of cultivation technique (seeding and harvesting dates) affecting dry matter yield for whole crop maize (<i>Zea mays</i> L.)
P2-050	10134	Prof.	Kyungil	Sung	Kangwon National University	2	Poster	Variation of dry matter yield for Sorghum-Sudangrass hybrids (<i>Sorghum bicolor</i>) as seeding and first harvesting dates via meta-analysis
P2-051	10145	Mr.	Yulong	Zheng	China Agricultural University	2	Poster	Effect of different moisture contents and additives on the quality of oat silage
P2-052	10146	Ms.	Dongxia	Li	China Agricultural University	2	Poster	Screening and identification of lactic acid bacteria with ferulic acid esterase activity from silage
P2-053	10147	Ms.	Linna	Guo	China Agricultural University	2	Poster	The screen of polysaccharide degradation and antimicrobial activity, identification, and application on alfalfa silage of lactic acid bacteria
P2-054	10148	Ms.	YingChao	Zhang	China Agricultural University	2	Poster	Effect of lactic acid bacterial and molasses on enhancing fermentation quality of <i>Bauhinia blakeana</i> Dunn silage
P2-055	10152	Ms.	Xiaojing	Liu	China Agricultural University	2	Poster	Effects of wilting treatment on the fermentation quality and nutrient composition of several forage plants
P2-056	10154	Dr.	Feng	He	Chinese Academy of Agricultural Sciences	2	Poster	Effect of N addition and seeding rate on community structure and yield of alfalfa grassland
P2-057	10155	Ms.	Dong	An	State Key Laboratory of Grassland Agro-ecosystems, Lanzhou University, 730020, P. R. China	2	Poster	Evaluation the adaptability of 13 low-latitude suitable soybean cultivar for forage use in the Loess Plateau, China
P2-058	10156	Mr.	Sang Uk	Chung	Konkuk Univ.	2	Poster	Effect of climate change on productivity of summer forage crops
P2-059	10161	Mr.	Guoqiang	Zhao	Seoul National University	2	Poster	Evaluation of feed value by plant parts of whole crop rice developed in Korea
P2-060	10166	Ms.	Yan	Zhang	Chungbuk National University	2	Poster	Production yield and nutritional quality of corn seeded and harvested at different times in highland area
P2-061	10176	Prof.	Guowen	Cui	Northeast Agricultural University	2	Poster	Effects of straw mulching and overseeding on the improvement of saline - alkali degraded grassland in Songnen Plain, China
P2-062	10178	Ms.	Tingting	Jia	China Agricultural University	2	Poster	The effects of temperature and LAB additives on fermentation quality of <i>Leymus chinensis</i> silage
P2-063	10179	Dr.	Guiqin	Zhao	Gansu Agricultural University	2	Poster	Effect of moisture contents on fermentation quality of oat and oat-common vetch silage
P2-064	10181	Ms.	Liyang	Yin	Tohoku Univ.	2	Poster	Effects of cattle dung pats on physical and chemical properties of compressed pasture soil
P2-065	10183	Ms.	Kim Margaret	Nogoy	Chungbuk National University	2	Poster	Evaluation of quality and yield of oat hays and Italian ryegrass seeded and harvested at different times in highland area
P2-066	10192	Dr.	Qiang	Li	Chinese Academy of Sciences	2	Poster	Nitrogen yield and nitrogen economy of legume-grass mixtures in northern China
P2-067	10195	Prof.	Jong Geun	Kim	Seoul National University	2	Poster	Chemical changes of Italian ryegrass silage with/without wilting and inoculation
P2-068	10219	Mr.	Joon-Woo	Lee	Gyeongsang National Univ.	2	Poster	Effect of climate change on productivity of summer annual forage crops in the southern region of Korea
P2-069	10220	Prof.	Taiki	Yoshihira	Rakuno Gakuen University	2	Poster	Effect of twin row and narrow row cultivation on the grain yield of maize : Yield responses to planting density
S3-001	10031	Prof.	Yinghua	SHI	Henan Agricultural University	3	Invited	Effects of dietary fiber on gut microbiota and their interaction with SCFAs in piglets
S3-002	10103	Prof.	Koichiro	UEDA	Hokkaido University	3	Invited	Timing strategy for concentrate supplementation in grazing dairy cows

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Proceeding ID	Paper ID	Title	First Name	Last Name	Affiliation	Session	Presentation Style	Paper Title
S3-003	10144	Dr.	Moon-Ju	KIM	Kangwon National University	3	Invited	The current status and future prospect of forage yield modeling based on big data in Republic of Korea
S3-004	10019	Prof.	Hailing	Luo	China Agricultural University	3	Oral	Effect of different feeding strategies on fatty acids profiles in longissimus thoracis muscle of lambs on meadow steppe
S3-005	10191	Dr.	Hiroki	Anzai	Univ. of Miyazaki	3	Oral	Foraging behavior of cattle in the beginning of daytime stocking: relationship with spatial variation of environment within a paddock
P3-001	10011	Ms.	Qi	Yan	LanZhou university	3	Poster	Estimating the body weight of grazing yaks by photo information
P3-002	10024	Dr.	Yimin	Cai	Japan International Research Center for Agriculture Sciences	3	Poster	Effect of Chinese traditional herbal medicine complex on growth performance and apparent digestibility in Mongolian lambs
P3-003	10026	Prof.	mingli	Wang	Institute of Agricultural Economics and Development, Chinese academy of agricultural sciences	3	Poster	Current development situation, dilemma and strategic choice of China's forage industry *--A discussion on "grain-to-forage" policy
P3-004	10038	Ms.	Yuli	Yanti	Gifu University	3	Poster	Improving quality of TMR silage from agricultural by-products: Effects of fermented juice of epiphytic lactic acid bacteria on the silage quality, nutrient intake, and apparent digestibility in ewes
P3-005	10040	Mr.	Kazuya	Doi	Gifu Univ.	3	Poster	Can grazing goats maintain nutritional status for five years in an abandoned fields?
P3-006	10047	Mr.	Noriaki	Nakajima	Gifu Univ.	3	Poster	Potential of diverse pasture for improving physiological and immunological status in grazing cattle
P3-007	10051	Dr.	Tae Il	Kim	National Institute of Animal Science	3	Poster	Feeding strategies for improving milk production of Holstein dairy cows managed by small-farmers in Korea
P3-008	10061	Prof.	GENLIN	WANG	Nanjing Agricultural University	3	Poster	Effects of different dietary compositions on milk performance, blood biochemical parameters and nitrogen, phosphorus emission in lactating Holstein cows
P3-009	10064	Dr.	Jong Woong	Ahn	National Institute of Crop Science, RDA	3	Poster	Developing winter cereal crop cultivars for animal feed in Korea
P3-010	10081	Dr.	Decao	Niu	Lanzhou University	3	Poster	Effect of grazing on home-field advantage of litter decomposition in a semiarid grassland
P3-011	10098	Dr.	Makoto	Kaneko	NARO Kyushu Okinawa Agricultural research center	3	Poster	Water intake from pasture grass under grazing condition
P3-012	10104	Ms.	Dong-Hyun	Lim	National Institute of Animal Science	3	Poster	The effect of walking activity on the milk production and metabolic status of the lactating dairy cows
P3-013	10105	Ms.	Sumjidmaa	Sainnemekh	National Federation for Pasture User Groups	3	Poster	A test of resilience in Mongolian rangelands: Do shifts in dominant plant species represent transient change or state change?
P3-014	10124	Prof.	Shin-ichiro	Ogura	Tohoku Univ.	3	Poster	Characteristics of nutrient uptake by domestic herbivores in species-rich alpine pastures in Eastern Asia
P3-015	10136	Dr.	Kensuke	Kawamura	Japan International Research Center for Agricultural Sciences	3	Poster	Drone-based remote sensing for mapping herbage biomass in alpine grazed pasture: a case study in a goat farm in Republic of Korea
P3-016	10137	Prof.	Masato	Yayota	Gifu University	3	Poster	Characterizing bite pattern of goats grazing different morphological plants
P3-017	10149	Ms.	Maimaiti	Reshalaitihan	Iwate Univ	3	Poster	Effect of oxidative status on feed intake in multiparous dairy cows soon after parturition
P3-018	10157	Ms.	Chang	Liu	Seoul National University	3	Poster	Comparison of feed value and ratio by plant parts of imported silage corn in Korea
P3-019	10163	Prof.	Mengli	Zhao	Inner Mongolia Agricultural university	3	Poster	Effect of stocking rate on above-and belowground biomass in the Desert Steppe, China
P3-020	10164	Ms.	Guo Mei	Yin	Inner Mongolia Academy of Agricultural and Animal Husbandry Sciences	3	Poster	The effect of evapotranspiration on the biomass of artemisia frigida in different grazing rates
P3-021	10167	Mr.	BaeHun	Lee	Kangwon National University	3	Poster	The effects of grazing in mountainous pastures on feed intake, milk yield, quality, and fatty acids profile of Holstein lactating cows
P3-022	10173	Dr.	Keiko	Yamaji	University of Tsukuba	3	Poster	Chemical defense of dominant plant species, <i>Allium polyrhizum</i> growing at over-grazing site in Hulunbeir grassland, China and the effect of root endophytes
P3-023	10174	Prof.	Seungyong	Park	Yonam College	3	Poster	Fatty acid composition of Montasio-type cheeses produced on high mountain pasture of Pyonchang
P3-024	10175	Prof.	Gentu	Ge	College of Grassland, Resources and Environment	3	Poster	Effect of Chinese traditional herbal medicine complex on Growth performance and apparent digestibility in Mongolian lambs

Proceeding ID	Paper ID	Title	First Name	Last Name	Affiliation	Session	Presentation Style	Paper Title
P3-025	10180	Dr.	Seishi	Yamasaki	Japan International Research Center for Agricultural Sciences	3	Poster	Vegetation and herbaceous biomass in Sudan Sahel rangelands of Burkina Faso, West Africa
P3-026	10186	Prof.	Masahiko	Hirata	University of Miyazaki	3	Poster	Evaluation of vegetation discrimination ability in cattle: contribution of different senses to the discrimination between the presence and absence of green forage
P3-027	10190	Ms.	Weiru	Song	University of Miyazaki	3	Poster	Use of handheld devices to estimate green biomass of pastures in Japan and China
P3-028	10199	Prof.	Byung-Hyun	Lee	Gyeongsang National University	3	Poster	Proteome analysis of alfalfa root in response to aluminum
P3-029	10200	Ms.	Dagaerbieke	Ayiguli	kitami institute of Technology	3	Poster	Effects of mixed sowing patterns on productivity of herbage in artificial grassland of northern Xinjiang
P3-030	10201	Ms.	Xiaoqin	Li	University of Miyazaki	3	Poster	The relationship of RGR between animal BW and grass biomass in Qinghai-Tibetan plateau, China
P3-031	10202	Ms.	Yumiko	Fukushima	Hokkaido Univ.	3	Poster	Effect of seasonal adjustment of supplementary corn silage on sward structure and milk production in grazing dairy cows
P3-032	10203	Dr.	Seung Hak	Yang	National Institute of Animal Science	3	Poster	Vulnerability assessment of cattle on exposure to heat condition under grazing period
P3-033	10204	Ms.	Yui	Ando	Hokkaido Univ.	3	Poster	Effect of pre-cutting before grazing on sward structure and herbage yield throughout a grazing season
P3-034	10207	Prof.	Aibibula	Yimamu	Xinjiang Agricultural Univ.	3	Poster	Effects of ensiled tomato pomace on the milk yield and antioxidation of dairy cows
S4-001	10101	Prof.	Ryusuke	HATANO	Hokkaido University	4	Invited	Effects of land-use change and manure application on greenhouse gas flux dynamics in cornfield and managed grassland
S4-002	10037	Dr.	Yo	TOMA	Ehime University	4	Invited	Soil carbon stock and soil C sequestration in seminatural grasslands dominated by <i>Miscanthus sinensis</i> in Aso, Japan
S4-003	10205	Prof.	Guodong	HAN	Inner Mongolia Agricultural University	4	Invited	Household ranch management strategies in a desert steppe area of China
S4-004	10007	Prof.	Masayuki	Hojito	Kitasato Univ.	4	Oral	Nitrogen flow in an organically managed beef farm in Hokkaido, Japan
S4-005	10139	Dr.	Keyu	Bai	Chinese Academy of Agricultural Sciences	4	Oral	Resources optimization-a sustainable way for degraded pastoral land restoration-a case study in China
P4-001	10018	Dr.	Yan	Qin	Qinghai University	4	Poster	Responses of ammonia oxidizers to N and P addition in degraded semiarid steppe of North China
P4-002	10030	Dr.	fengjie	zhang	Dalian Minzu University	4	Poster	Response of <i>Leymus chinensis</i> to oil pollution stress
P4-003	10032	Dr.	Sang-Hyun	Park	Chonnam National University	4	Poster	Comparative nitrogen use efficiency of late fall-applied pig slurry and urea for regrowth of perennial ryegrass sward
P4-004	10033	Mr.	Arata	Nagatake	Hokkaido Univ.	4	Poster	Nitrous oxide emissions and its controlling factor in a grassland renovated with different tillage methods and timing of renovation
P4-005	10036	Mr.	Yuma	Michinobu	Hokkaido Univ.	4	Poster	Contribution of microbial biomass carbon to below-ground biomass carbon budget in an agricultural field in Southern Hokkaido, Japan
P4-006	10041	Dr.	Sang-Hyun	Park	Chonnam National University	4	Poster	Nitrogen use efficiency and environmental impacts of pig slurry treated with urease and nitrification inhibitors during regrowth of perennial ryegrass
P4-007	10042	Dr.	Akiharu	Sasaki	Hokkaido University	4	Poster	Study on estimation of river basin land use and river water quality by potassium concentration in river water in the eastern district of Hokkaido
P4-008	10057	Ms.	Kaho	Yasuda	Hokkaido Univ.	4	Poster	Effects of application of different kinds of organic fertilizer (manure, slurry and digestate) on greenhouse gas emissions and carbon budget in a managed grassland in Southern Hokkaido, Japan
P4-009	10066	Ms.	huo	guangwei	Dalian Minzu University	4	Poster	The variation of soil water soluble salt ions in <i>Stipa krylovii</i> community under grazing disturbance
P4-010	10074	Dr.	Gang	Xu	Lanzhou University	4	Poster	Using of life cycle method to assess environmental impacts in alfalfa production
P4-011	10076	Dr.	Xia	Cui	Lanzhou University	4	Poster	Soil total nitrogen estimation of alpine grassland using visible/near-infrared spectral: A comparison of multivariate techniques (SMLR, PCR, PLSR and BPNN) with different spectral variables
P4-012	10085	Dr.	Decao	Niu	Lanzhou University	4	Poster	Distribution of soil aggregates in Alpine grasslands with different degradation on the Qinghai-Tibetan Plateau
P4-013	10107	Prof.	Bo	Deng	China Agricultural University	4	Poster	Soil respiration of alfalfa field on different land-use years in the agro-pastoral ecotone of Northern China

The 7th Japan-China-Korea Grassland Conference
List of Presenters

as of 21 June

Proceeding ID	Paper ID	Title	First Name	Last Name	Affiliation	Session	Presentation Style	Paper Title
P4-014	10110	Prof.	Huilong	Lin	Lanzhou Univ.	4	Poster	The subclasses and types of alpine meadow in Qinghai- Tibetan Plateau, China
P4-015	10112	Dr.	Li	Yuzhe	Institute of Geographical Sciences and Natural Resources Research, CAS	4	Poster	Comparison of carbon Use efficiency among different land use patterns of the temperate steppe in the Northern China pastoral farming ecotone
P4-016	10143	Ms.	Erina	Tarumi	Iwate Univ.	4	Poster	Model evaluation of adaptation to global warming in forage grass productivity
P4-017	10150	Prof.	Saman	Bowatte	Lanzhou University	4	Poster	Soil bacterial community responses to Potentilla fruticosa shrub encroachment in alpine meadow grassland in Qinghai-Tibetan Plateau, China
P4-018	10160	Mr.	Guohui	Wang	Lanzhou University	4	Poster	Soil organic carbon and total nitrogen stocks in the surface layer from a 29 years Caragana korshinskii shrubland in a shallow gully region of the Loess Plateau
P4-019	10171	Prof.	Kun	Wang	China Agriculture University	4	Poster	Changes of soil carbon, nitrogen and phosphorus after grassland converted to cropland in agro-pastoral ecotone of northern China
P4-020	10182	Dr.	Akinori	Mori	National Agriculture and Food Research Organization	4	Poster	Herbage yields and global warming potentials of grasslands renovated with full inversion tillage, shallow tillage, and planting opener
P4-021	10188	Dr.	Cui	Xia	Lanzhou University	4	Poster	Soil total nitrogen estimation of alpine grassland using visible/near-infrared spectral
P4-022	10194	Dr.	Masakazu	Higashiyama	Tohoku Agricultural Research Center, NARO	4	Poster	Effects of grass species and fertilizer on soil carbon concentration in pasture in northern Japan.
P4-023	10221	Prof.	Jianping	Li	Ningxia University	4	Poster	Deep soil C and N pools of long-term fenced and overgrazed temperate grasslands in Northwest China
S5-001	10090	Prof.	Yingjun	ZHANG	Department of Grassland Science, China Agricultural University	5	Invited	Introduction of China Grass and Forage Research System(CGFRS)
S5-002	10189	Dr.	Naoto	ISHIKAWA	University of Tsukuba	5	Invited	Collaborative research among institutes in China and Japan reveals that a breakdown of the biogeochemical cycle may be the major cause of Inner Mongolia grassland degradation
S5-003	10108	Dr.	Koki	MAEDA	Japan International Research Center for Agricultural Sciences (JIRCAS)	5	Invited	Activities of JIRCAS livestock research group in Southeast Asia
S5-004	10075	Dr.	bulgamaa	densambu	Green Gold-Animal Health project	5	Oral	Usage of state and transition models as a management tool for Mongolian rangelands
S5-005	10223	Dr.	Pattaya	Napasirth	National University of Laos	5	Oral	Effect of cutting interval on forage yield, chemical composition and <i>in vitro</i> digestibility of Napier grass and Guatemala grass in Laos
S5-006	10224	Prof.	Mom	Seng	Royal University of Agriculture	5	Oral	Cattle production in Cambodia: Feed and feeding perspectives
P5-001	10170	Dr.	Enkh-Amgalan	Tseelei	Green Gold-Animal Health project	5	Poster	Strengthening traditional institutions of nomadic herders for sustainable management of public rangelands in Mongolia
P5-002	10225	Prof.	Mom	Seng	Royal University of Agriculture	5	Poster	Effect of different first cutting times on forages and forage legumes quality