

TIBET JOURNAL OF AGRICULTURAL SCIENCES

Quarterly Publication, Started in 1977

No. 2 Holistic Serial No. 167

Issued in June 2020

Honorary Chief Editor: Nimazhaxi

Chief Editor: YANG Yong

Deputy Chief Editor: GUAN Wei-xing

Editorial Committee:

WANG Feng-zhong WANG Wen-feng

WANG Jing-long YIN Zhong-jiang

Basangwangdu ZHANG Wen-hui

ZHANG Bian-bian DAI An-guo

QU Guang-peng Duoqidunzhu

YAN Bao-ying LIU Guo-yi

LIU Jian-zhi QUAN Jin-ying

Dawazhuoma Cidun

MU Zhen-bo LIU Qing-yuan

ZHU Xia QIAO Hai-long

SONG Tian-zeng CHEN Chu-hong

MIN Zhi-ping LI Jie

SHEN Zhen-xi Canmuyou

JING Tao YAO Xiao-bo

YU Dai-ling JI Qiu-mei

Sangbu TANG Ya-wei

Suolangouzhu TANG Ling

HUANG Li-ying HUANG Jie

LONG Ying ZENG Xing-quan

ZENG Xiu-li Dejilamu

LIAO Wen-hua WEI Ying-chun

Editorial Director: GUAN Wei-xing

Editor in Charge: Dengzengzhuoga Dawazhuoma

English Editor: Sangbu

Department in Charge: Tibet Academy of

Agricultural and Animal Husbandry Sciences

Host: Agriculture Research Institute, Tibet Academy

of Agricultural and Animal Husbandry Sciences

Edited & Published by:

Editorial Department of Tibet Journal of

Agricultural Sciences

Address:

No. 157 Jinzhu West Road Lhasa

Tibet, Autonomous Region. P. R. China

Postcode: 850032

Tel: 0891 – 6523425

E-mail: xznykjbjb@126.com

Subscription:

Editorial Department of Tibet Journal

of Agricultural Sciences

Printed by: Chengdu Jinhui Color Printing Limited

Company

Distribution range: Worldwide

First issue: 1977

Publication date: June 2020

CONTENTS

Specialist View

Analysis on Present Situation and Path of Development of Genuine Medicinal

Materials Industry of Tibet

JIN Tao(1)

Experimental Research

Occurrence and Control of *Toxoptera aurantii* Boyer in Linzhi Tibet

WANG Bao-hai, ZHAI Qing, WEI Jing, et al(4)

Effects of Different Planting Density on Yield of First Original Seed and Tuber

Traits in Virus-free Potato Minutubers Qiongji, Zhaxipuchi, ZHAO Jiang-tao, et al(7)

Effect of Different Sowing Date on Ammonia Volatilization and NH_4^+ -N Content in Soil

LI Xue(11)

Comparative Test of Spring Pea Varieties (lines) in Alpine Region of Tibet

GAO Xiao-li(16)

Species and Host Plants of Sphingidae in Tibet

ZHANG Ya-ling, Dengzengzhuoga, ZHANG Xiao-dong, et al(21)

Observation on Adaptability of ‘Fengdan’ (*Paeonia ostii*) in Lhasa ZHAO Fan(27)

Effects of Drought Stress on Crop Growth Mechanism GAN Ya-wen, Zhaxiluobu(31)

Study on Stability of Anthocyanins in Purple Potato

XU Juan-ni, ZENG Yu-ting, QI Chi-heng, et al(34)

Technology Extension

‘Corn Field Chicken Raising’ Model in Ningxia Agricultural Production

ZHU Zhi-ming, YANG Xiao-wan, LIU Chun-guang, et al(37)

Exploration and Practice of ‘Full Participation’ Agricultural Technology

Extension Mode

SHI Xue-shuang(40)

Benefit Analysis of Barley Planting

DUAN Peng, YU Dai-lin, Zhawang, et al(43)

Literature Review

Application of Breeding Platform (Software) in Tibetan Crop Breeding and

Analysis of Tibetan Breeding Direction

YIN Zhong-jiang, GUAN Wei-xing, YANG Yong, et al(46)

Situation and Development Thinking on Grassland Protection and Construction in Tibet

QU Guang-peng(52)

Study on Speeding up Diversification of Breeding Means and Development of

Wheat Seed Industry in Tibet

ZHANG Yong-peng, WANG Lan, WANG Ju-hua, et al(55)

Analysis on Influence of Climate Conditions on Rape Planting in Pulan County

of Tibet and Countermeasures

ZUO Hang-tian, LI Ji-qiang, LIANG Jie(58)

Discussion on Development of Facility Vegetable in Tibet Under Strategy of

Rural Revitalization

LI Qing(62)

Main Problem and Method of Agricultural Production in Gadong Town, Bailang County

TONG Jian, DUAN Peng, Basangjiba, et al(66)

SWOT Analysis on Development of Apple Industry in Tibet

ZOU Yu-ting, Suolangquzhen, HUANG Peng-cheng, et al(69)

Development Status and Suggestion of Plateau Characteristic Industry in Xigaze City

ZHOU Yu(73)

Researching on Construction of Agricultural E-government in Tibet Autonomous

Region in The New Era

ZHAO Yong-hua(79)

Investigation on Fattening Difficulty in Sheep and Goat in Nyima County

TANG Wen-qiang, MA Jin-ying, SONG Tian-zeng, et al(83)

Investigation on Agricultural and Animal Husbandry in Yumai, Longzi County

DAI An-guo, Dawayangla, ZENG Xiu-li(87)

Enlightenment of Agriculture and Animal Husbandry Development Models in

Developed Countries to Agriculture and Animal Husbandry Development in

Qinghai-Tibet Plateau

YANG A-wei(90)