

CONTENTS

Physiology

- KAUR, V., MADAAN, S. and BEHL, R.K.: ADP-glucose Pyrophosphorylase Activity in Relation to Yield Potential of Wheat: Response to Independent and Combined High Temperature and Drought Stress 181
- KARADAĞ, B. and CANDAN YÜCEL, N.: Salicylic Acid and Fish Flour Pre-treatments Affect Wheat Phenolic and Flavonoid Compounds, Lipid Peroxidation Levels under Salt Stress 192
- SATTAR, A., CHEEMA, M.A., ABBAS, T., SHER, A., IJAZ, M., WAHID, M.A. and HUSSAIN, M.: Physiological Response of Late Sown Wheat to Exogenous Application of Silicon 202
- MAHMOOD, S., HUSSAIN, I., ASHRAF, A., PARVEEN, A., JAVED, S., IQBAL, M. and AFZAL, B.: Tyrosine-priming Modulates Phenylpropanoid Pathway in Maize Grown under Different pH Regimes 214
- DEBSKI, H., WICZKOWSKI, W., SZAWARA-NOWAK, D., BĄCZEK, N., SZWED, M. and HORBOWICZ, M.: Enhanced Light Intensity Increases Flavonol and Anthocyanin Concentrations but Reduces Flavone Levels in the Cotyledons of Common Buckwheat Seedlings 225

Pathology

- SORESI, D., ZAPPACOSTA, D., GARAYALDE, A., IRIGOYEN, I., BASUALDO, J. and CARRERA, A.: A Valuable QTL for Fusarium Head Blight Resistance from *Triticum turgidum* L. ssp. *dicoccoides* has a Stable Expression in Durum Wheat Cultivars 234
- MOTALLEBI, P., TONTI, S., NIKNAM, V., EBRAHIMZADEH, H., PISI, A., NIPOTI, P., HASHEMI, M. and PRODI, A.: Induction of Basal Resistance by Methyl Jasmonate against *Fusarium culmorum* in Bread *Wheat* 248
- ŠÍP, V., CHRPOVÁ, J., ŠTĚRBOVÁ, L. and PALICOVÁ, J.: Combining Ability Analysis of *Fusarium* Head Blight Resistance in European Winter Wheat Varieties 260
- SIREESHA, Y. and VELAZHAHAN, R.: Analysis of Defense Genes Expression in Maize upon Infection with *Peronosclerospora sorghi* 272

SINGH, I., SARAO, P.S. and SHARMA, N.: Antibiosis Components and Antioxidant Defense of Rice as Mechanism of Resistance to Brown Planthopper, <i>Nilaparvata lugens</i> (Stål)	284
--	-----

Quality and Utilization

SHCHUKINA, L.V., PSHENICHNIKOVA, T.A., CHISTYAKOVA, A.K., KHLESTKINA, E.K. and BÖRNER, A.: Properties of Grain, Flour and Dough in Bread Wheat Lines with <i>Aegilops markgrafii</i> Introgressions	296
---	-----

Agronomy

MAICH, R.H., HANG, S. and DI RIENZO, J.A.: Straw Production, Carbon and Ash Content Variations after Ten Cycles of Recurrent Selection in Bread Wheat Grown under Tilled and Non-tilled Soils	307
---	-----

SHEORAN, S., RAJ, D., ANTIL, R.S., MOR, V.S. and DAHIYA, D.S.: Productivity, Seed Quality and Nutrient Use Efficiency of Wheat (<i>Triticum aestivum</i>) under Organic, Inorganic and Integrated Nutrient Management Practices after Twenty Years of Fertilization	315
---	-----

MILANDER, J., JUKIĆ, Ž., MASON, S., GALUSHA, T. and KMAIL, Z.: Hybrid Maturity Influence on Yield and Yield Component Response to Plant Population in Croatia and Nebraska	326
--	-----

OYEKUNLE, M., MENKIR, A., MANI, H., OLAOYE, G., USMAN, I.S., ADO, S.G., ABDULLAHI, U.S., AHMED, H.O., HASSAN, L.B., ABDULMALIK, R.O. and ABUBAKAR, H.: Stability Analysis of Maize Cultivars Adapted to Tropical Environments using AMMI Analysis	336
---	-----

ZHANG, F., LI, J., WANG, X.L., MAO, W., ZHANG, H., GUO, J. and LI, J.W.: Effect of Shading on Biomass and N Mass Partitioning in Paddy Rice Seedlings through Allometric Analysis	346
---	-----