



CONTENTS

Original Contributions

EFFECT OF CADMIUM ON SEED GERMINATION AND EARLIER BASIL (<i>OCIMUM BASILICUM</i> L. AND <i>OCIMUM BASILICUM</i> VAR. <i>PURPURESCENS</i>) SEEDLING GROWTH <i>A. Gharebaghi, M. H. Alborzi Haghighi, H. Arouiee</i>	1
GROWTH ASSESSMENT OF CYANOBACTERIA <i>ANABAENA</i> SP. FS 76 AND <i>NOSTOC</i> SP. FS 77 AFFECTED BY THERMAL SHOCK CONDITION <i>R. Taheri, S. Shokravi, M. Hossaianzadeh</i>	5
EFFECT OF FOLIAR APPLICATION OF AMINO ACID AND CALCIUM CHELATE ON SOME QUALITY AND QUANTITY OF GOLDEN DELICIOUS AND GRANNY SMITH APPLES <i>M. Arabloo, M. Taheri, H. Yazdani, E. Aslmoshtaghi</i>	14
SUBSTITUTION OF SILVER-THIOSULFATE (STS) WITH SOME ESSENTIAL OILS ON VASE-LIFE OF CUT CARNATION CV. LIBERTY <i>A. Ebrahimzadeh, M. B. Hassanpouraghdam, F. Hashemi Hajikandi, M. A. Aazami Mavaloo, L. Vojodi Mehrabani</i>	20
POSTHARVEST LIFE OF CUT GERBERA FLOWERS AS AFFECTED BY SALICYLIC ACID AND CITRIC ACID <i>H. Heidarneshadian, B. Eghbali, M. Kazemi</i>	27
COMPARATIVE INFLUENCE OF IMMOBILIZATION MEDIUM AND MUTATION ON EPS – PRODUCTION BY <i>L. PLANTARUM</i> MK O2 ISOLATED FROM FERMENTED MILK <i>B. Adebayo-Tayo, O. Agidigbi, S. Alao</i>	30
STUDY ON THE TOTAL PROTEINS AND MAIN PROTEIN FRACTIONS IN RABBITS EXPERIMENTALLY INFECTED WITH <i>STAPHYLOCOCCUS AUREUS</i> <i>T. M. Georgieva, V. Petrov², Iv. P. Georgiev, N. Nikolova, M. Lyutskanov, N. Bozakova</i>	42
PHARMACOKINETICS AND ALLOMETRIC ANALYSIS OF SPECTINOMYCIN <i>T. Dinev</i>	50
DYNAMICS IN THE DEVELOPMENT OF DONKEY POPULATION IN BULGARIA <i>R. Vlaeva, G. Barzev, S. Georgieva, I. Ivanova</i>	56
SELECTION RESPONSE AND HERITABILITY ESTIMATE FOR GROWTH IN THE GIANT AFRICAN CATFISH (<i>Heterobranchus bidorsalis</i> GEOFFROY SAINT-HILAIRE, 1809) <i>A. A. Akinwande, M. O. Awodiran, M. Y. Diyaware</i>	60
REPRODUCTION OF MUSCULAR DYSTROPHY IN BROILER CHICKENS THROUGH EARLY NUTRITION WITH DEFICIENT FEED SUPPLEMENTED WITH OXIDISED FAT <i>K. Stoyanchev, V. Maruzova</i>	67
CLINICAL STUDY OF ACUTE HAEMONCHOSIS IN LAMBS <i>P. T. Iliev, P. Prelezov, A. Ivanov, Z. Kirkova, A. Tonev</i>	74
SEROPREVALENCE OF SHEEP TOXOPLASMOSIS IN NORTH OF IRAN <i>S. Akhoundi, M. R. Youssefi</i>	79

Review

OVERVIEW ON CHITOSAN AS A VALUABLE INGREDIENT AND BIOSTIMULANT IN
PHARMACEUTICAL INDUSTRIES AND AGRICULTURAL PRODUCTS

N. Qavami, H. Naghdi Badi, M.R. Labbafi, M. Mehregan, M. Tavakoli, A. Mehrafarin..... 83

Case Reports

TRACTION AS CONSERVATIVE MANAGEMENT OF LOWER BACK PAIN: CASE REPORT

T. Al-Sadek, D. Niklev, A. Al-Sadek..... 92

GLOMUS TUMOR OF THE THUMB: CASE REPORT

T. A. Al-Sadek, D. Niklev, A. Al-Sadek, L. Al-Sadek..... 94