

CONTENTS OF VOLUME 5

Number 1

The Jerusalem Artichoke as an Agricultural Crop N. KOSARIC, G. P. COSENTINO, A. WIECZOREK (Canada) and Z. DUVNJAK (Yugoslavia)	1
<i>Euphorbia lathyris</i> as an Energy Crop – Part II. Hydrocarbon and Sugar Productivity L. AYERBE, E. FUNES, J. L. TENORIO, P. VENTAS and L. MELLADO (Spain)	37
Conservation and Fixation of Solar Energy in <i>Pinus patula</i> Planta- tions of Darjeeling Himalaya BAJRANG SINGH (India)	43
Comparative Energy Costs of Stem Cuttings, Seedlings and Seeds as Propagules in Woody Biomass Plantations. T. A. WHITE and G. L. ROLFE (USA)	55
Economic, Environmental, and Social Advantages of Intensively Managed Short Rotation Mesquite (<i>Prosopis</i> spp) Biomass Energy Farms PETER FELKER (USA)	65

Number 2

Industrial Fuel Substitution via Woody Biomass: The Case for Costa Rica RUSSELL J. DELUCIA and ALAN D. POOLE (USA)	79
Wood Hydrolysis for Ethanol Production – Previous Experience and the Economics of Selected Processes J. L. JONES and K. T. SEMRAU (USA)	109
A Techno-Economic Analysis of Biogasification of Peat T. VIRARAGHAVAN, A. A. COCCI, R. C. LANDINE and A. L. STEEVES (Canada)	137
Short Communication Potential Biomass Energy from All-aged Chir Pine Forest of Kumaun Himalaya O. P. CHATURVEDI and J. S. SINGH (India)	161

Number 3

Study of Wood Chip Production from Forest Residues in Chile	167
JUAN ANTONIO GUZMÁN (Chile)	
Yields, Photosynthetic Efficiencies and Proximate Composition of Dense Marine Microalgal Cultures. I. Introduction and <i>Phaeodactylum tricornutum</i> Experiments	181
W. H. THOMAS, D. L. R. SEIBERT, M. ALDEN, A. NEORI and P. ELDRIDGE (USA)	
Yields, Photosynthetic Efficiencies and Proximate Composition of Dense Marine Microalgal Cultures. II. <i>Dunaliella primolecta</i> and <i>Tetraselmis suecica</i> Experiments	211
W. H. THOMAS, D. L. R. SEIBERT, M. ALDEN, A. NEORI and P. ELDRIDGE (USA)	
Utilisation of Biomass for Motive Power Generation – Gasifier Engine System	227
F. VYARAWALLA, P. P. PARIKH, H. C. DAK and B. C. JAIN (India)	

Number 4

Editorial	243
Laboratory Scale Anaerobic Digestion of Fruit and Vegetable Solid Waste	245
A. G. LANE (Australia)	
A Sample Study of Biomass Fuel Consumption in Sri Lanka Households	261
L. C. A. DE S. WIJESINGHE (Sri Lanka)	
Electricity Production from the Biomass of the Sugarcane Industry in Mauritius	283
J. BAGUANT (Mauritius)	
Yields, Photosynthetic Efficiencies and Proximate Composition of Dense Marine Microalgal Cultures. III. <i>Isochrysis</i> sp. and <i>Monallantus salina</i> Experiments and Comparative Conclusions	299
W. H. THOMAS, D. L. R. SEIBERT, M. ALDEN, A. NEORI and P. ELDRIDGE (USA)	
Short Communication	
Qualitative Analysis of Some Firewood Shrubs	317
BAJRANG SINGH, S. D. KHANDUJA and G. S. SRIVASTAVA (India)	