

Contents

| | | |
|----------|--|-----------|
| 1 | Introduction | 1 |
| | Thomas R. Sinclair | |
| 2 | Early Partial Stomata Closure with Soil Drying | 5 |
| | Thomas R. Sinclair | |
| 3 | Limited-Transpiration Rate Under Elevated Atmospheric Vapor Pressure Deficit | 11 |
| | Thomas R. Sinclair | |
| 4 | Soybean | 17 |
| | Thomas R. Sinclair | |
| 5 | Peanut | 27 |
| | M. Jyostna Devi and Avat Shekoofa | |
| 6 | Chickpea | 35 |
| | Kaliamoorthy Sivasakthi, Mainassara Zaman-Allah, Murugesan Tharanya, Jana Kholová, Thiagarajan Thirunalasundari, and Vincent Vadez | |
| 7 | Lentil | 47 |
| | Michel Edmond Ghanem, Hélène Marrou, Julie Guiguitant, and Fatima ez-zahra Kibbou | |
| 8 | Maize | 55 |
| | Avat Shekoofa and Sunita Choudhary | |
| 9 | Sorghum | 65 |
| | Sunita Choudhary and Jana Kholová | |

Water-Conservation Traits to Increase Crop Yields in
Water-deficit Environments

Case Studies

Sinclair, Th. (Ed.)

2017, X, 95 p. 25 illus., 4 illus. in color., Softcover

ISBN: 978-3-319-56320-6