

เอกสารอ้างอิง

- เฉลิมพล แซมเพชร. สรีรวิทยาการผลิตพืชไร่. เชียงใหม่ : นพบุรีการพิมพ์, 2542.
- ประสงค์ ประไพตระกูล “ผลกระทบของวันปลูกที่มีต่อการพัฒนาและผลผลิตของทานตะวัน”
วิทยานิพนธ์วิทยาศาสตรมหาบัณฑิต มหาวิทยาลัยเชียงใหม่, 2533.
- ศูนย์วิจัยพืชไร่ชัยนาท. รายงานผลการวิจัยถั่วเขียวข้าวโพดฝักสดและพืชไร่ในเขตชลประทาน,
ศูนย์วิจัยพืชไร่ชัยนาท, สถาบันวิจัยพืชไร่ กรมวิชาการเกษตร 2540, 197 หน้า.
- สมชาย บุญประดับ วันชัย ถนอมทรัพย์ และมนตรี ชาติศิริ. 2538. อิทธิพลของระบบการไถ
พรวนและวิธีการให้น้ำชลประทานที่มีต่อการเจริญเติบโตและผลผลิตของข้าวโพดไร่
หลังข้าว. วารสารการเกษตร; 2(13) : 89-95.
- สำนักงานเศรษฐกิจการเกษตร. 2541. รายงานผลการสำรวจข้าวโพดเลี้ยงสัตว์ ปีเพาะปลูก
2539/40. กระทรวงเกษตรและสหกรณ์. กรุงเทพฯ, หน้า 58.
- สำนักงานเศรษฐกิจการเกษตร. 2542. สถิติการเกษตรของประเทศไทย ปีการเพาะปลูก 2540/41.
สำนักงานเศรษฐกิจการเกษตร กระทรวงเกษตรและสหกรณ์. กรุงเทพฯ, 395.
- สำนักงานเศรษฐกิจการเกษตร. 2543. ข้อมูลการผลิตและการตลาดสินค้าเกษตรที่สำคัญ.
สำนักงานเศรษฐกิจการเกษตร กระทรวงเกษตรและสหกรณ์. กรุงเทพฯ, หน้า 8-12.
- สุทัศน์ จุลศรีไกวัด. 2536. เอกสารคำสอนรายวิชา ก.พร. 751 การปรับตัวของพืช. คณะ
เกษตรศาสตร์ มหาวิทยาลัยเชียงใหม่, หน้า 281-286.
- เสน่ห์ เครือแก้ว, วันชัย ถนอมทรัพย์. 2543. การตอบสนองของข้าวโพดที่ปลูกบนดินนาต่อภาวะ
น้ำขังและต่อการใส่ปุ๋ยในโตรเจนและฟอสฟอรัส. วารสารวิชาการเกษตร; 1(18) : 62-78.
- Bahrum, A., R. J. Christian., A. Folkard. and M. Vagno. 2002. Drought induced changes in
xylem pH, Ionic Composition, and ABA concentration act as early signals in field
grown maize. *Journal of Experimental Botany*, 53 : 251-263.
- Begg, J. E. 1980. Morphological adaptations of leaves to water stress. In N.C. Turner and P.J.
Kramer, eds. *Adaptation of plants to water stress and high temperature stress*. John
Wiley and Sons, New York : U.S.A., pp. 33-42.
- Begg, J. E. and N. C. Turner. 1976. Crop water deficits. *Adv. Agron.*, 28 : 161-207.
- Bennett, J. M., J. W. Jones., B. Zur. and L. V. Hammond. 1986. Interactive effects of nitrogen
and water stresses on water relations of field-grown corn leaves. *Agron. J.*, 78 : 273-
280.

- Bjorkman, O. and B. Demming. 1978. Photosynthesis yield of O₂ evolution and Chlorophyll Fluorescence characteristics at 77 K among vascular plant of diverse origin. *Planta*, 170 : 489-504.
- Blum, A. 1982. Evidence for genetic variability in drought resistance and its implications in plant breeding. In *drought Resistance in Crop with Emphasis on Rice*. IRRI, Los Banos : Philippines, 408 p.
- Bolonos, J. and G. O. Edmedes., 1993 a. Eight cycle of selection for drought tolerance in lowland tropical maize. I. Responses in grain yield, biomass, and radiation utilization *Field Crops Res.*, 31 : 233-252.
- Boonpradub Somchai. Drought Responses and nitrogen partitioning in maize genotypes under different soil moisture regimes. Thesis for Doctor of Philosophy in Agronomy, Chiang Mai University, 2000.
- Boyer, J. S. 1970. Leaf enlargement and metabolic rates in corn, soybean and sunflower at various leaf water potentials. *Plant Physiol.*, 46 : 233-235.
- Britikov, E. A. and N. A. Musatova. 1964. Proline in the reproductive system of plants. *Fiziol Rast.*, 11 : 464-472.
- Brown, E. A., C. E. Caviness and D. A. Brown. 1985. Response of selected soybean cultivars to soil moisture deficit. *Agron. J.*, 77 : 274-278.
- CIMMYT. 1992. 1991-92 CIMMYT World Maize Fact and Trends: Maize Research Investment and Impacts in Developing Countries, Mexico D. F., CIMMYT.
- Crafts-Brandner, S. J., F. E. Below, J. E. Harper, and R. H. Hageman. 1984. Differential senescence of maize hybrids following ear removal. I. Whole plant *Physiol.*, 74 : 360-367.
- Cruz, R.T., C.O. Toole., M. Dingksher., E.B. Yambaes., M. Thangaraj. and S.K. Dedatta. 1985. Shoot and root responses to water deficits in rain fed lowland rice. Paper presented at the plant growth, drought and salinity symposium, Canberra : Canada.
- Darrel, S. M. and D. M. Elkins. 1980. *Crop productions principle and practices* third ed. Macmillan publishing Co., Inc. New York, pp. 100-104.
- Denmead, O. T. and R. H. Shaw. 1960. The effects of soil moisture stress at different stages on development and yield of corn. *Agron J.*, 52 : 272-274.

- Drew, M. C. 1983. Plant injury and adaptation to oxygen deficiency in the root environment. A review. *Plant Soil*, 75 : 179-199.
- Eck, H. V. 1986. Effects of water deficits on yield, yield components, and water use efficiency of irrigated corn. *Agron. J.*, 70 : 251-256.
- Eling, A., J. W. White. and G. O. Edmeades. 1997. Options for breeding for greater maize yields in the tropics. *Eur. Agron. J.*, (7) : 1-14.
- Evans, L. T., J. E. Wardlaw. and R.A. Fischer. 1975. Wheat. In L.T. Evans (Ed.), *Crop physiology : Some case histories*. Cambridge univ. Press, Cambridge : England, pp. 101-150.
- Fischer, R. A. and G. D. Kohn. 1966. The relationship of grain yield to vegetative growth and post flowering leaf area in the wheat crop under conditions of limited soil water. *Aust. J. Agric. Res.*, 17 : 281-295.
- Goyne, P. J., D. R. Woodruff. and J. D. Churchett. 1977. Prediction of flowering in sunflower. *Ausut. J. Exp. Agric. Anim. Husb.*, 17 : 475-480.
- Grable, A. R. 1966. Soil aeration and plant growth. *Adv. Agron.*, 18 : 57-106.
- Grant, R. F., B. S. Jackson, J.R. Kiniry. and G.F. Arkin. 1989. Water deficit timing effects on yield components in maize. *Agron. J.*, 81 : 61-65.
- Gregory, S. M. and W. W. Wihelm. 1997. Growing degree-day : one equation, two interpretations. *Agric. For. Met.*, 87 : 291-300.
- Hsiao, T. C. 1973. Plant response to water stress. *Ann. Rev. Plant Physiol.*, 24 : 519-570.
- Jonathan, P. C. 2002. Hydraulic and chemical signaling in the control of stomatal conductance and transpiration. *J. of experimental botany*, 53 : 195-200.
- Jordan, W. R. 1983. Whole plant response to water deficits: An overview. In H. Taylor, W. R. Jordan and T. R. Sinclair (Ed.), *Limitations to efficient water use in crop production*. ASA, Madison. WI.
- Legg, B. J., W. Day, D. W. Lawlorm. and K. J. Parkinson. 1979. The effects of drought on barley growth : models and measurements showing the relative importance of leaf area photosynthetic rate. *J. Agric. Sci.*, 92 : 703-716.
- Lizaso, L. I. and J. T. Ritchie. 1997. Maize shoots and root response to root zone saturation during vegetative growth. *Agron. J.*, 89 : 125-134.

- Major, D. J., D. R. Johnson. and V. D. Luedders, 1975. Evaluation of eleven thermal unit methods for predicting soybean development. *Crop. Sci.*, 15 : 172-174.
- McPherson, H. G. and J. S. Boyer. 1977. Regulation of grain yield by photosynthesis in maize subjected to a water deficiency. *Agron. J.*, 69 : 714-718.
- Mukhtar, S.; J. L. Baker and R. S. Kanwar 1990. Corn growth and as affected by excess soil water. *Tran. ASAE*, 33 : 437-442.
- Neild, R. E. and J. E. Newman. 1974. Growing season characteristic and Requirement in the corn belt. Issued in furtherance of the acts of May 8 and June 30. Purdue university cooperative extension service. West Lafayette, IN. 14 p.
- Oppenheimer, H. R. 1960. Adaptation todrought : Xerophytism. Plant-water relationships in arid and semi-arid conditions. *Arid Zone Res. (UNESCO, Paris)*, 15 : 105-138.
- Panday, R. K., W. A. T.Herrera. and J.W. Pendleton. 1984a. Drought response of grain legumes under irrigation gradient: I. Yield and yield components. *Agron. J.*, 76 : 549-553.
- Ralph, E. N. and J. E. Newman. 1974. Growing season characteristics and requirements in the corn belt. Purdue University. West Lafayette, IN 14 p.
- Rawson, H. M. and N. C. Turner. 1982. Recovery form water stress in five sunflower (*Helianthus Annus L.*) cultivars: I. Effect of the timing of water application on leaf area and seed production. *Aust. J. Plant Physiol.*, 9 : 437-448.
- Rhoads, F. M., and J. M. Bennett. 1990. Corn. P.569-596. *In* : B.A. Stewart and D.R. Nielson (Eds.), *Irrigation of Agricultural Crops*. Armerican Society of Agronomy, Madison, WI.
- Richie, J. T. and D. S. Nesmith 1991. Temperature and crop development. In: Hanks, J., Riched, J. T. (Eds.), *Modeling plant and soil system*. ASA, U.S.A., pp. 5-29.
- Ritchie, S. W. and J. J. Hanway. 1989. How corn plant develops. Special Report No. 48. Iowa Stage University of since and technology cooperative extension service Arnea Iowa., 21 p.
- Robinson, R. G. 1971. Sunflower Phonology-year variety and date of planting effects on day and growing degree day summations. *Crop. Sci.*, 11 : 635-638.
- Roth, G. W. 1997. Use of hybrid GDD ratings for corn in the northeastern U.S.A. *J. of production agriculture*; 10(2) : 283-288.

- Saunders, D. A. 1985. Agronomic management issues for wheat production in more tropical environments of southeast Asia, In wheat for more tropical environment. CIMMYT, pp. 262-264, 1985.
- Schussler, J. R. 1991. Maize Kernel set at low water potential Sensitivity to reduced assimilates during early kernel growth. *Crop Sci.*, 31 :1189-1195.
- Schussler, J. R., and M. E. Westgate. 1991. Kernel set of maize at low water potential: II Sensitivity to reduced assimilates at pollination. *Crop Sci.*, 31 : 1196-1203.
- Senthong, C., K Tedia E. Bralaan and R. K. Pandey. 1986. Drought response of soybean genotypes during reproductive growth phase under irrigation gradient. IRRI Saturday Seminar paper, IRRI : Philippines, 38 p.
- Shaner, D. L., and J. S. Boyer. 1976a. Nitrate Reductase activity in maize (*Zea mays L.*) leaves. I Regulation by nitrate flux. *Plant Physiology J.*, 58 : 499-504.
- Singh, R., and B. D. Ghildyal. 1980. Soil submergence effects on nutrient uptake, growth and yield of five corn cultivars. *Agron. J.*, 72 : 734-741.
- Somrith, B. 1988. Problem associated with soil management issues in rice-wheat rotation areas. In wheat production constraints in tropical environment. CIMMYT, pp. 63-70. 1988.
- Stewen W. Ritche. 1993. How a Corn Plant Developments. Iowa State University of Science and Technology Cooperative Extension Service Ames, Iowa, Special report No. 48.
- Tellenaar M., T. B. Daynard and R. B. Hunter. 1979. Effect of Temperature on rate of leaf appearance and flowering and date in maize. *Crop Sci.*, 19 : 363-369.
- Traore, S. B. 2000. Bt. and non Bt. maize growth development as affected by temperature and drought stress. *Agron. J.*, 92(5) : 1027-1035.
- Turk, K. L., and A. E. Hall. 1980. Drought adaptation of cowpea. IV. Influence of drought on water use, and relations with growth and seed yield. *Agron. J.*, 72 : 434-439.
- Wesgate, M. E. and J. S. Boyer. 1986. Water status of the development grain of maize. *Agron. J.*, 78 : 714-719.
- Wolfe, D. W., D. W. Henderson, T. C. Hsiao. and A. A Ivino. 1988. Interactive Water and Nitrogen Effects on Senescence of Maize. I. Leaf Area Duration, Nitrogen Distribution, and Yield. *Agron. J.*, 80 : 859-864.

Zhang, J., W. J. Davies. (1990b). Does ABA in the xylem control the rate of leaf growth in soil-dried maize and sunflower plants, *J. Exp. Bot.*, 41 : 765-772.



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