

**PAMUK**  
**BİTKİSEL YAPISI,**  
**YETİŞTİRİLMESİ,**  
**ISLAHI**  
**VE**  
**LİF**  
**TEKNOLOJİSİ**

**Prof. Dr. MUSTAFA OĞLAKÇI**

K.S.Ü.  
Zir. Fak. Öğretim Üyesi  
2012



AKADEMİSYEN  
KİTABEVİ



AKADEMİSYEN  
KİTABEVİ

© Copyright 2013

*Bu kitabın, basım, yayın ve satış hakları Akademisyen Kitabevi A.Ş.'ne aittir. Anılan kuruluşun izni alınmadan kitabın tümü ya da bölümleri mekanik, elektronik, fotokopi, manyetik kağıt ve/veya başka yöntemlerle çoğaltılamaz, basılamaz, dağıtılamaz. Tablo, şekil ve grafikler izin alınmadan, ticari amaçlı kullanılamaz. Bu kitap T.C. Kültür Bakanlığı bandrolü ile satılmaktadır.*

**ISBN**

978-605-464-922-8

**Yayın Koordinatörü**

Yasin DİLMEN

**Kitap Adı**

Pamuk Bitkisel Yapısı,  
Yetiştirilmesi, Islahı ve  
Lif Teknolojisi

**Sayfa ve Kapak Tasarımı**

Kerem ACAR

**Yayıncı Sertifika No: 25465**

**Baskı ve Cilt**

Özyurt Matbaacılık ANKARA/2013

**Yazar**

Prof. Dr. Mustafa OĞLAKÇI

**DOI**

10.37609/akya.1725

**GENEL DAĞITIM**  
**Akademisyen Kitabevi A.Ş.**

*Halk Sokak 5 / A  
Yenişehir / Ankara  
Tel: 0312 431 16 33  
siparis@akademisyen.com*

**www.akademisyen.com**

## ÖNSÖZ

1973 yılında, Mardin Zirai Mücadele ve Karantina Md.lüğünde göreve başladım. Bir yıl sonra, Adana Pamuk Araştırmada yaklaşık on yıl sürecek, Seleksiyon Islahı ve Fizyoloji ve Yetiştirme konularında araştırmalara devam ettim. 1984 yılından, 1989 yılı sonuna kadar, Adana –Ceyhan’da, ‘Tarımsal Danışmanlık ve İlaç Bayiliği’ sürecinin, benim deneyimlerime katkısını unutamam. 1990 yılında, Şanlı Urfa Ziraat Fakültesinde ve 1996 yılında, K.Maraş Ziraat Fakültesinde bilimsel çalışmalar ve Öğretim Üyeliği ile öğrencilerime ve meslektaşlarıma katkıda buldum.

Ara ara pamukla ilgili kitaplar yayınladım. Örneğin; ‘Pamukta zararlanma ve Ürün Kayıpları’ ve ‘Pamuk Hasadı, Depolama Ve Çırcırlama’ gibi. Bu eserde, o kitaplarda ele alınan konuları tekrarlamamaya özen gösterdim. Bu kitabın yazımını yaklaşık onbeş yılda tamamlayabildim. Her bölüm için, yeni bilimsel araştırmaları eklemek gereği duydum Ama bunun sonunda kitabı hazırlayamayacağım gibi duygu içerisine girince, bilimsel kaynaklarımın yeterli olduğuna karar verdim ve eseri tamamladım.

Bu eserden, başta öğrencilerin ve meslektaşlarımla ve tekstilcilerin yararlanabileceğini ümit etmekteyim.

Eserde, şekil ya da resimlerin oluşturulması, Dr.Yüksel BÖLEK’in tarafından gerçekleştirilmiş ve birkaç şekil çiziminde de, Dr.İskender TİRYAKİ’nin katkıları bulunmaktadır. Bu katkılarından dolayı, Dr.İskender TİRYAKİ ve özellikle, Dr. Yüksel BÖLEK’e teşekkür ederim.

Bu eseri eşim Necla Hanım ve kızlarım Burcu ve Deniz’e armağan ediyorum.

Prof. Dr. Mustafa OĞLAĞCI

# İÇİNDEKİLER

<b>1. PAMUK BİTKİSİNDEN YARARLANMA, TARİHÇE ve PAMUK ÜRETİM ve TİCARETİ</b> .....	<b>1</b>
Tarihçe .....	6
Günümüzde Üretimi Yapılan Pamuk Genotiplerinin Tarihçesi .....	12
Türkiye Pamuk Tarımı ve Üretimi Önerilen Genotipler .....	14
Ülkelere Göre Pamuk Üretim, Tüketim, Verim ve Ticareti .....	16
Türkiye Pamuk Üretim, Verim Durumu ve Üretim Maliyeti .....	21
Türkiye Lif Tüketimi .....	27
Tohum Hazırlığı ve Tohumluk Dağıtımı .....	27
<b>2. PAMUĞUN SİSTEMATİĞİ (Taksonomisi)</b> .....	<b>31</b>
Genomik Grupların Kökeni .....	38
Pamuk Türleri ve Özellikleri .....	42
<b>3. BİTKİ ve ÇEVRE İLİŞKİSİ</b> .....	<b>59</b>
Bitki Büyüme ve Gelişmesi .....	68
Tohum Çimlenmesi ve Fide Döneminde .....	78
Büyüme ve Gelişme .....	78
Kök Yapısı, Büyüme ve Gelişme .....	84
Yaprak Yapısı ve Yaprak Özellikleri .....	103
Assimilat Üretimi ve Yaprak İle Generatif Unsurlar (Tarak, Çiçek ve Koza) Arasında İlişkiler .....	117
Yaprak Yaşlanması, Ayrılma Tabakası (Abscission Layer) Oluşumu ve Dökülme (Defoliation) .....	118
Bitki Yapısında Bezeler .....	121
<b>4. GENERATİF UNSURLARDA (Tarak, Çiçek ve Koza) BÜYÜME ve GELİŞME</b> .....	<b>129</b>
Döküm (Silkme) (Shedding), Koza Tutkunluğu ve Verime Katkı .....	135
Koza (Boll) ve Koza Unsurlarının Yapılanması .....	138
Çiçek ve Unsurlarında Yapılanma .....	142
Tohum Taslağı Yapılanması .....	157
Yumurta Hücresi Oluşumu (Oögenesis) .....	161
Embriyo (Kernel) veya Tohum Yapılanması .....	162
Lif Uzama ve Olgunlaşması .....	172
Lif Yapısı .....	178

## 5. BİTKİ BÜYÜME ve GELİŞMESİNİ İZLEME ve KÜLTÜREL İŞLEMLER ..... 85

Besin Elementleri ve Hormon İçeren Preparatların Etkisi ve Değişik Uygulamalar (Tohum ve Bitkide) .....	190
Toprak Hazırlığı .....	201
Pamuk Ekim, Dikim Zamanı ve Hazırlığı .....	213
Bitki Sıklığı, Seyreltme ve Tekleme .....	221
Pamuk Tarımında Baskın Yabancı Otlar, Mücadelesi ve Çapa .....	224
Gübreleme .....	240
Sulama .....	257

## 6. ZARARLI ve HASTALIKLAR, TARIMSAL MÜCADELE, HASAT ve DEPOLAMA ..... 263

Pamuk Zararlıları ve Mücadelesi .....	267
Bitki Hastalık Etmenleri ve Mücadelesi .....	282
Yaprak Döktürme ve Kurutma .....	283
Yeniden Büyüme (Regrowth) .....	286
Yaprak Döktürme Zamanının Saptanması .....	287
Yaprak Döktürücü (Defoliant) ve Kurutucu (Desiccant) Kimyasallar .....	289
Yaprak Döktürme Yöntemleri .....	291
Yaprak Kurutma Yöntemleri .....	292
Elle (İşçi) Pamuk Hasadı .....	293
Makinelik Pamuk Hasadı .....	295
Pamuk Hasat Makineleri .....	295
Hasat Kayıpları .....	298
Kütlü Pamuğun Nemi ve Denge Oluşumu İle Nem Düzeyine Etkili Faktörler .....	304
Kütlü Pamuk Depolama Koşulları .....	307
Kütlü Pamukta Kurutma .....	310
Pamuk Tohumunda Nem ve Nem İçeriğinin Dengelenmesi .....	313
Tohum Havının Alınması (Delintasyon) .....	314
Tohum Kurutma Depolama ve Havalandırma .....	315

## 7. LİF ÖZELLİKLERİ ve ÖLÇÜM YÖNTEMLERİ ..... 321

Pamuk Balyalarında Örnekleme ve Kondüsyonlama .....	321
Lif Karakterlerinin Ölçüm Yöntemleri .....	325
Ölçüm Sistemlerinin Karşılaştırılması .....	328
Lif Rengi .....	329

Kütlü ve Lif Pamukta Yabancı Madde (Trash) (Foreign Matter) (Çör-Çöp) (Contamination) ve Etkileri .....	344
Yabancı Madde Saptama Yöntemleri .....	351
Hazırlama Derecesi .....	352
Olgunlaşmamış Tohum veya Döllenmemiş Tohum Taslağı (Mote) .....	354
Lif Pamukta Dügümcüklenme (Neppiness) .....	356
Kısa Lif Oranı (Short Fiber Index) veya Kısa Lif İçeriği (Short Fiber Content) veya Lif Kırılması .....	358
Çırcır Randımanı (Lif Randımanı) (%) .....	359
Lif İndeksi (Lint Index) (100 Tohumda Lif Ağırlığı) .....	360
Lif Uzunluğu (Uzunluk Unsurları) ve Ölçüm Yöntemleri .....	360
Lif Uzunluğu Sınıflaması ve Standartları .....	371
Lif Dayanıklılığı (Lif Kopma) ve Ölçüm Yöntemleri .....	374
Pamuk Liflerinde Olgunluk .....	384
Pamuk Lifinde Büklüm (Kıvrım) .....	389
İplik İşletmelerinde Pamuk Balya Harmanlaması .....	390
Pamuk Lifinde Yapışkanlık (Stickiness) .....	392
Yapışkanlık Ölçüm Yöntemleri .....	396
Yapışkanlık Sorunu Çözüm ve Önerileri .....	399

<b>8. PAMUK ISLAHI .....</b>	<b>401</b>
Pamuk Islahında, Üzerinde Durulan Özellikler .....	401
Döllenme Olmaksızın Tohum Oluşumu (Apomixis) .....	419
Androgenesis ve Anther Kültürü .....	421
Polen Seleksiyonu (Polen Selection) ve Yeni Hat veya Soy Geliştirme .....	422
Haploid veya Dihaploid Bitki Elde Etme Yöntemleri .....	425
Doku Kültürü, Polen Çimlendirme, Boyama ve Canlılık Ölçüm Testleri .....	426
Döllenme Biyolojisi, Melezleme ve Kendileme .....	429
Bazı Karakterlerde Ölçümler .....	438
Fideleme .....	439
Uyumsuzluk (Incompatability), Kısırlık (Infertility) ve Melez Tohumluk Üretimi .....	439
Ekosistem ve Popülasyonlar .....	443
Kalıtım ve Kalıtım Derecesi .....	450
Kantitatif Kalıtım (Quantitative Heritage) .....	452

Karakterlerin Kalıtımı .....	453
Islah Yöntemleri .....	455
2. Seleksiyon (Seçme) (Selection) Yöntemleri .....	459
3. Melezleme (Hybridization) (Crossing) .....	471
4. Mutasyon Islahı .....	480
5. Kromozom Katlanmaları (Polyploidy) .....	482
<b>Kaynaklar .....</b>	<b>485</b>

**KAYNAKLAR**

- ABERNATHY, G.H. , HUGHS, S.E. and GİLLUM, M.N. 1991. Improved Equilibrium Moisture Content Models for Cotton. ASAE paper no.911506, ASAE, St. Joseph. M.
- ADAMS, F. , F.J. VEIHMEYER and L.N. BROWN, 1942. Cotton Irrigation Investigations in the San Joaquin valley of California, 1926 to 1935. California Exp. Sta. Bul.668.
- AHMAD, M. , RAUF, A. and MAKHDUM, M.L. 1993. Growth Performance of Cotton under Saline-Sodic Field Conditions. Field Crop Abst. 46:8:5232.
- AHMED, F.M. 1994 a. Effect of Bracts Removal on the Productivity of Cotton Plants. Assiut Journal of Agricultural Sci. 25(5): 55-61.
- AHMED, F.M. 1994 b. The Effect of Some Plant Growth Retardants on the Productivity of Cotton Plant. Assiut Jour. of Agr. Sci. 25(4): 165-172.
- AKTEMUR, N. 2000. Maraş-92 Pamuk (G.hir.L.) Çeşidinde Farklı Ekim Sıklıklarının Verim, Verim Unsurları, Lif Teknolojik ve İplik Olabilme Özelliklerine Etkisi. KSU. Fen Bilimleri Enst. Pam. Eksp. ABD.(Yüksek Lisans Tezi)
- ALA, M. , AHMAD, Z., ATTIQUE, M.R. and WAHEED, T. 1988. Effect of Some Insecticides on the Growth, Fruit Development and Yield of Two Cotton Varieties in Punjab. Pakistan. Pakistan Cottons 32 (1) 30-36.
- ALCHANATI, I. , BENEDICT, C.R. and STIPANOVIC, R.D. 1994. The Enzymatic Conversion of Desoxyhemigossypol to Desoxy Methyl Hemigossypol in Cotton Stems: dHG-O-Methyltransferase. Proceedings, The Biochemistry of Cotton Workshop, p. 35-39.
- ALEXANDER, M.P. 1969. Differentiated Staining of Aborted and nonaborted Polen. Stain Tech. 44: 117-122.
- ALLEN, R.L., SNIPES, C.E.and CROWDER, S.H. 1997. Fruiting Response of Cotton (*G. hirsutum* L.) to Pyriithiobac. Weed technology, 11(1): 59-63.
- ALTINKAYA, F. ; TAŞ, N. ; ÜNAL, I. ve KAYMAK, F. 1983. Nazilli 66-100 pamuk çeşidinin En uygun Sıra Arası Mesafesinin Tespiti Denemesi..Tarım ve Orman Bak. Pamuk Arş. D. s.122-125.
- ALTSCHUL, A.M. 1948. Biological Processes of the Cottonseed. In Bailey A.E., ed. Cottonseed and Cottonseed Products; Interscience Publisihers, Inc., N.Y. pp.157-212.
- ANANATHAKRISHNANA, T.N. , ANNADURAL , R.S. , JENRAYAN, R. and MURUGESAN, S. 1990. Differential Impact of Tannic Acid and Pyrogallol on Nutrion and Repruduction of Two Co-existing Pest, *H. armigera* (Hubner) and *Spodoptera littoralis* (Fabricus) (Lepidoptera: Noctuidae). Phytophaga, 3 (1) :55-70.
- ANONİM, 1975. Pamuk Araştırma Proje ve Sonuçları. Adana Pamuk Araştırma Enst. S. 1-259.
- ANONİM, 1977. Pamukların Kontrolüne ait Tüzük. T.C. Ticaret Bakanlığı Standardizasyon Genel Md.18.04.1972. Bakanlar Kurulu Kararı.
- ANONİM, 1978 a. Pamuk araştırma Proje ve Sonuçları. Adana Pamuk Araştırma Enst. S. 1-250.
- ANONİM, 1978 b. Adana Bitki Koruma Araştırma Enstitüsü Teknik Talimat (Sirküler)
- ANONİM, 1978 c. Zirai Mücadele El Kitabı. Bölge zirai Mücadele ve Karantina Bşk.Bornova. İzmir.
- ANONİM, 1980 a. Tek lif Uzunluklarını Ölçerek Lif Uzunluğunun Tayini. Tük Standartları. TS/715.



- ANONİM, 1980 b. Pamuk araştırma Proje ve Sonuçları. Adana Pamuk Araştırma Enst. S. 187-190.
- ANONİM, 1981. Pamuk araştırma Proje ve Sonuçları. Adana Pamuk Araştırma Enst. S.1-220
- ANONİM, 1983. Pamuk araştırma Proje ve Sonuçları. Adana Pamuk Araştırma Enst. S. 1-246.
- ANONİM, 1988. Cotton Harvest Aid (Prep+Dropp) Timing Test. In Annual Progress Report Louisiana Agricultural Experiment Station, 173-175.
- ANONİM, 1985 a. Adana Bitki Koruma Araştırma Enstitüsü Teknik Tal. (Sirküler).
- ANONİM, 1985 b. Weed Control Manual. Weed Control Manual and Herbicide Guide. AG Consultant and Fieldman.
- ANONİM, 1991. T.C.Tarım ve Köyişleri Bakanlığı Tarımsal Araşt. Gen.Md.Nazilli Pam. Art. Enst. Pamuk Araştırma Proje Sonuçları. 1 - 107.
- ANONİM, 1992. T.C.Tarım ve Köyişleri Bakanlığı Tarımsal Araşt. Gen. Md. Çukurova Tarımsal Araşt. Enst. Pamuk Araştırma Proje Sonuçları.
- ANONİM, 1993 a. Pamuk Araştırma Proje ve Sonuçları Raporu. Akdeniz Tarımsal Araştırma Enstitüsü Yayınları.
- ANONİM, 1993 b. The Classification of Cotton. United States Department of Agriculture. Agricultural Hand Book. 1 - 23.
- ANONİM, 1995. Pamuk Araştırma Proje ve Sonuçları Raporu. Akdeniz Tarımsal Araştırma Enstitüsü Yayınları.
- ANONİM, 1996. T.C.Tarım ve Köyişleri Bakanlığı Tarımsal Araşt. Gen. Md.Nazilli Pam. Art. Enst. Pamuk Araştırma Proje Sonuçları (1992-1995 Değerleri).
- ANONİM, 1998. Pamuk araştırma Proje ve Sonuçları. Adana Pamuk Araştırma Enst. 1979. S. 1-250.
- ANONİM, 1999. Description of All Quality Parameters Measured by Zellweger Uster Fiber and Yarn testing Equipment. Uster. Com.
- ANONİM, 2001. T.C.Tarım ve Köyişleri Bakanlığı Tarımsal Araşt.Gen.Md.Nazilli Pam. Art. Enst. Pamuk Araştırma Proje Sonuçları.
- ANONİM, 2002 a. T.C.Tarım ve Köyişleri Bakanlığı Tarımsal Araşt. Gen.Md.Nazilli Pam. Art. Enst. Pamuk Araştırma Proje Sonuçları. 1-105.
- ANONİM, 2002 b. T.C.Tarım ve Köyişleri Bakanlığı Tarımsal Araşt.Gen.Md..Akdeniz Tarımsal Araşt.Enst. Pamuk Araştırma Proje Sonuçları.
- ANONİM, 2003 a. Delintasyon. Nazilli Pam Arşt. Enst. Yayın no: 22.
- ANONİM, 2003. ICAC-icac/cotton.info/ puplication.
- ANONİM, 2004 a. ICAC-Cotton World Statistics. March, 2004.
- ANONİM, 2004 b. Hazine ve Dış Ticaret Müsteşarlığı Bülteni. Mart, 2004.
- ANONİM, 2005. Tarihten Sayfalar. National Georafic. s.189-200.
- ANONİM, 2006 . World Trade Raport. ICAC.
- ANONİM, 2007 a. T.C. Başbakanlık-Dış Ticaret Müsteşarlığı Verileri .
- ANONİM, 2007 b. World Trade Raport ICAC.
- ANONİM, 2008. Gıda Tarım Ve Hayvancılık Bakanlığı TÜGEM Tohumculuk Dairesi Bşk. Verileri.
- ANONİM, 2009 a. ICAC-Cotton World Statistics. March, 2009
- ANONİM, 2009 b. Preselenmiş Pamukların Tek Balya Standardizasyonuna ve Kontrolüne İlişkin tebliğ (2009/37). Dış Ticaret Müsteşarlığı. Resmi Gazete. 21.08.2009. 27326.

- ANTHONY, W.S. 1985. The Effect of Gin Stands on Cotton Fiber and Seed. The Cotton Gin and Oil Mill. Pres. 86 (24): 15-22.
- ANTHONY, W.S. 1994. Portable Moisture Meters. In Cotton Ginners Handbook. Agricultural Handbook Number 503. USDA, ARS. pp. 310-314.
- ANTHONY, W.S. and CALHOUN, S. 1996. Ginning Regional cotton Cultivars at Stoneville. The Beltwide Cotton Conferences. Beltwide Cotton Conferences. Beltwide Cotton Conferences vol.:I. 1567-1578.
- ANTHONY, W.S. and MAYFIELD, W.D. 1996. Progress Report on Preparation Reductions. The Proceedings of the Beltwide Cotton Conf. vol 1: 549-554.
- ANTHONY W.S. and GRİFFİN, A.C. 2001. Fiber Breakage at Cotton Gins: Causes and Solutions. The Proceedings of the Beltwide Cotton Conf. Vol:2. 1347-1357.
- ANTHONY, W.S. 2002. Impact of Moisture Added at Lint Slide on Cotton Color. The Cotton Gin and Oil Mill Press. 103 (6) :8-12.
- ANTHONY, W.S. 2004. Moisture Management Practices at Gins. The Proceeding of the 2004 Cotton Incorporated (Cary, NC) Engineered Fiber Selection Conf. pp.1-21.
- ANTHONY, W.S. 2006. Investigation of the Equilibrium Moisture Contents of U.S. Cottons. Beltwide Cotton Conferences, San Antonio, Texas-January 3-6. 2520-2529.
- ARMSTRONG, J.F. , GLAT, D. , TAYLOR B.B. and BUCKWALTER, H. 1982. Heat Unit as Method For Timing Pix Applications, p. 57., In JM. Brow (ed.) proc. Beltwide Cotton Prod. Res. Conf. 3-7. Jan.
- ARSLAN, H. ; İŞLER, N. ; ÖZBİLGİLİ, A. ve ÇİVİT, E. 1981. Çukurova Bölgesinde Sorun Olan Yabancı Otların Değişik Yöntemlerle Kontrolünün Verim ve Kaliteye Etkisi. Adana B. Pamuk Araştırma Enstitüsü. Pamuk Araştırma Projesi. s. 203-214.
- ASHLEY, D.A. 1972. C- labelled Photosynthate translocation and Utilization in Cotton Plants. Crop Sci. 12: 69-74.
- AYDEMİR, M. 1982. Pamuk Islahı, Yetiştirme Tekniği ve Lif Özellikleri. T.C. Tarım ve Orman Bakanlığı Pamuk İşleri Genel Müdürlüğü Nazilli Böl. Pamuk Araştırması. Yayın No. 33. s. 1-384.
- AZEVEDO, D.M. ; MACEBELTRAO, N.E.D. ; NOBREGA, L.B.D. ; SANTOS, J.W. and JUSTINIANO, V.D. 1996. Critical period of weed competition on irrigated annual cotton. Field Crop Abst no.: 1965. s. 249.
- BACCHI, M.D. and ALESSANDRO, F. 1999. Chemical and Agronomical Weed Control in Cotton (*G. hirsutum* L.). Field Crop Abstract, 1220. p.166 Baker. R.S. 1986. Time Interval Between Use of Hormone Herbicides on Stale Seedbeds and Planting Cotton. Field Crops Abstract, 39 (9): 6908.
- BADER, M.J. , WEST, J., BROWN, S.L., WEDEGAERTNER, T.C. and VALCO, T.D. 1997. Alternate Storage Method for Whole Cottonseed. The Proceeding of the Beltwide Cotton Conf. Vol. 2: 1596-1589.
- BAKER, R S. 1986. Time Interval Between Use of Hormone Herbicides on Stale Seedbeds and Planting Cotton. Field Crops Abst. 39 (9): 6908.
- BAKER, R.V and BRASHEARS, A.D. 1999. Effects of Multiple Lint Cleaning on the Value and Quality of Stripper Harvested Cotton. The Proceedings of Beltwide Cotton Conf. 2:1391-1393.
- BAKER, R.V. and BRASHEARS, A.D. 2000. Combined Effects of Field Cleaning and Lint Cleaning on Stripper Harvested Cotton. The Proceedings of Beltwide Cotton Conf. 2: 1616-1621.

- BANKS, J.C. 2001. Harvest Aids Timing and Scheduling the Proceeding of the Beltwide Cotton Conf. Vol.1: 69-70.
- BARGERON, J.D. and GARNER, T.H. 1989. Measurement of Cottonseed-Fragments Contamination. Proc. of the Beltwide Cotton Conferences. Vol.2: 630-634.
- BARKER, G.L. , LAIRD, J.W. 1997. Moisture Transfer Rates for Gin Run Cotton Seed. The Proceedings of Beltwide Cotton Conf. 2:1590-1593.
- BARKER, G.L. and, LAIRD, J.W. 1998. Acid Delinted Cotton Seed Drying Rates. The Proceedings of Beltwide Cotton Conf. 2:1716-1718.
- BARROW, J.R.1981. A New Concept in Assessing Cotton Polen Germinability. Crop Sci. 23: 441-443.
- BARROW, J.R.1983. Comparisons Among Polen Viability Measurement Methods in Cotton. Crop Sci. 23: 734-736.
- BASHAW, E. C. and W. W. HANNA. 1990. Reproductive Versatility in the Grasses. In G. P. Chapman (ed.) Apomictic reproduction. Cambridge U. K. Cambridge University Press. pp. 100-130.
- BASKIN, C.C. 1979. Storage of Seed Cotton. The Proceeding of the Beltwide Cotton Conf. pp. 310-311.
- BASSETT, D.M. , ANDERSON, W.D., and WERKHOVEN, C.H.E. 1970. Dry Matter Production and Nutrient Uptake in Irrigated Cotton (G. hir. L.). Ag. J. 62: 299-303.
- BASSETT, B.D. 1999. Boll Retention and Influenced by Infurrow, Preplant Asset RTU (6-20-5) and Folar Application of Empower. Proceeding Beltwide Cotton Conf. Vol:2. p. 1277-1278.
- BAUER, P.J., CAMBERATO, J.J. and ROACH, S.H. 1993. Cotton Yield and Fiber Quality Response to Green Manures and Nitrogen. Ag. J. 85. (5). 1019-1023.
- BAUER, P.J. and BRADOW, J.M. 1996. Cotton Genotype Response to Early Season Cold Temperatures. Crop Sci. 36: 1602-1606.
- BAUER, P. J. and BUSSCHER, W. J., 1996. Winter Cover and Tillage Influences on Coastal Plain Cotton Prod. Field Crop Abstract. Vol. 49. No.9. 6549.
- BAYINDIR, E. 1995. T.C.Tarım ve Köyişleri Bakanlığı Tarımsal Araşt. Gen.Md. Nazilli Pam.Art. Enst. Pamuk Araştırma Proje Sonuçları.
- BEDNARZ, C.W. and OOSTERHUIS, D.M. 1996. Partitioning of Potassium in Field-Grown Cotton Plants Under Various Levels of Available Potassium. Research Series-Arkansas Agricultural Experiment Station. No. 450, 75-77.
- BECKER, W.D.; HOPPER, N.W. and VIVIDEN, G.M. 1997. Evaluation of seed applied plant growth regulators on cotton germination, emergence and growth. In 1997 Proceedings Beltwide Cotton Conf. New Orleans, L. A, USA, Jan.6-10. Vol:2:1459-1461.
- BECKER, W.D. ; HOPPER, N.W. ; MCMICHAEL, B.L. and JIVIDEN, G.M. 1998. Germination, Emergence and Root Growth Of Cotton Of Affected By Seed Applied Plant Growth Regulators. Proceedings Beltwide Cotton Conf. 5-9 Jan.1998. Vol:2 .1374-1376.
- BECKER, W.D. ; HOPPER, N.W. ; MCMICHAEL, B. L. and JIVIDEN, G. M. 1999. Seed Applied Plant Growth Rgulator Effects on Cotton Germination, Emergence and Growth. In 1999 Proceedings Beltwide Cotton Conf. 3-7. January, Vol.I. 625-627.
- BECKER, W.D. ; HOPPER, N. W. and WEDEGAERTNER, C. T. 2001. The Effects of Polymer Coating on Undelinted Cottonseed. The Proceeding of the beltwide Cotton Conf.vol:1.pp: 549-551.

- BEISEL, C.L. , DOWD, M.K. and REILLY, P. J. 2005. Conformational Analysis of Gossypol and Its Derivatives by Molecular Mechanics. Journal of Molecular Structure: Thechem, Vol. 730, pp. 51-58.
- BELL, A.A. , STIPANOVIC, R.D. , OBRIEN, D.H. and FRYXELL P.A. 1978. Sesquiterpenoid Aldehyde Quinones and Derivatives in Pigment Glands of *Gossypium*. Phytochemistry, Vol. 17, pp. 1297-1305.
- BELL, A. A. 1999. Agrobacterium Bronzing and Wilt: Cultivar Reactions and Effects of Temperature. The Proceeding of the Beltwide Cotton Conf. Vol 1: 117 – 120.
- BENBOUZA, H. , LOGNAY, G., PALM, R. , BAUDOIN, J.P. and MERGEAL, G. 2002. Development of a Visual Method to Quantify the Gossypol Content in Cotton Seeds. Crop Science, Vol. 42, pp. 1937-1942.
- BENEDİCT, C.R. ; R.J.KOHEL and G.M. JIVIDEN, 1994. Crystalline Cellulose and Cotton Fiber Strength. Crop Sci. 34: 147-151.
- BENEDİCT, C.R. ; R. J. KOHEL, and A.M. SCHUBERT, 1976. Transport of C –assimilates to cottonseed integrity of funiculus during seed filling stage. Crop Sci.16: 23-27
- BENEDICT, J.H. , ALTMAN, D.W. , UMBECT, P.F. and RING, D. R 1991. Behavior, Growth, and Plant Injury for *Heliothis virescens* (F.) (Lepidoptera: Noctuidae) on Agracetus Transgenic Bt Cotton. Progress Report Texas Agriculture and Extension Center, Corpus christi, Tx. USA.
- BENEDICT. J.H. , SACHS, C.S. , ALTMAN, D.W. , RING, D.R, STONE, T.B.and, SIMS, S. R. 1993. Impact of 8 Endotoxin Producing Transgenic Cotton on Insect Plant Interactions with *Heliothis virescens* and *Hellcoverpa zea* (Lepidoptera Noctuidae). Environmental Entomology 22 (1) : 1-9.
- BENSON, C.G. , WYLLIE, S.G. , LEACH, D.N. , MARES, C.L. and FITT, G.P. 2001. Improved Method for the Rapid Determination of Terpenoid Aldehydes in Cotton. Journal of Agricultural and Food Chemistry, Vol. 49:5: pp. 2181-2184.
- BERARDI, L.C. and GOLDBLATT, L.A. 1980. Gossypol. In Toxic Constituents of Plant Foodstuff, ed. I.E. Liener, p. 183, New York.
- BERGER, P.D. , T.M. VON HOVEN, and W.R. GOYNES, 1997. Varietal Effects on White Speck phenomenon. The Proceeding of the beltwide Cotton Conf. 565 – 571.
- BERKEY, D. A. 1975. Factors Conditioning Seed Dormancy in Cotton (G.hir.L). Dissertation Abst.Int.B. 35 (8): 3706.
- BHAT, J.G. 1988. Transport of Radioactivity In Relation to Bracts in the Cotton Plant. Ann. Bot.(London) 62:571-573.
- BHAT, J.G. and JAGOSMAL, A.P. 1988. A Study on Factors of Bollworm Resistance in Cotton (*G. hirsutum* L.) Using Isogenic Lines. Journal of the Indian Society for Cotton Improvement. 13 (2) : 149-153.
- BHATNAGOR, P. And SHARMA, P.D. 1991. Comparative Incidens of Sucking Pests on Different Isogenic Lines of Cotton Variety H777. Journal of Insect Science. 4(2): 170-171.
- BILBOARD, J.A. and RAY, L.L. 1973. Effect of Planting Date of the Yield and Fiber Properties of three Cotton Cultivars. Agronomy journal. 65: 606-609.
- BILBRO, J.D. and J.E. QUISENBERRY, 1973. a Yield Related Measure of Earliness for Cotton G.hirs.L. Crop Sci.13:392-393.
- BILBRO, J.D.and FRYREAR, D.W. 1983. Residue Management and Cultural Practices for a Semiarid Region. Journal of Soil and Water Conservation. 1983 (38) (3): 312-314.

- BİÇER, Y. ve YENİGÜN, A.N. 1974. Pamukta Gübreleme Denemeleri Sonuç Raporu. Tarsus Toprak Su A. Ens. M. Yayın no. 62-19.
- BİÇER, Y. ve YENİGÜN, A.N. 1980. Çukurova Koşullarında Fosforlu Gübrenin Pamuğun Verim ve Bazı Kalite Unsurlarına Etkileri. Tarsus Toprak Su A. Ens. M. Yayın No: 97-47.
- BİLES, S.P. and COTHRON, J.T. 1996. Optimized Timing of Cyclone Applications for Cotton Desiccation. Beltwide Cotton Conf. pp. 1216 - 1217.
- BIRD, L.S. and A.REYES. 1967. Efect of Cotton Seed Quality on Seed and Seedling Characteristics. Proc. Beltwide Cott. Prod. Res. Conf. P: 199-206.
- BIRD, L.S. 1997. Total Biology of Cotton Seed Ouality relative to Obtaining Productive Plant Populations. Beltwide Cotton Conf. Vol. I: 438-442.
- BLOODWORTH, H.; JOHNSON, J. and PARKMAN, J. 1994.Cover Crops and Tillage Effects on Cotton. Field Crop Abst. 47: (2), 471.
- BOMAN, R.K. , RAUN, W.R. , WESTERMAN, R.L. and BANKS, J. C. 1996. Nitrogen by Environment Interactions in Long-Term Cotton Production. Field Crop. Abst. 4982.
- BONDANA, B.R. , OOSTERHUS, D.M. , MURPHY, J.B. and KİM, K.S. 1996 a. Effect of Water stress on the epicuticular Wax composition and Ultrasturcture of cotton (*G. hirsutum* L.) leaf bract and Boll. Environmental and Experimental Botany 36 (1): 61-69.
- BONDANA, B.R. , OOSTERHUS, D. M. and NORMAN, R. J. 1996 b. Cotton Leaf Growth and Absorption of Foliar. Applied Nitrogen. Field Crop Abst. 49.11.82.77.
- BONDADA, B.R. ; OOSTERHUIS, D.M. ; WELLSCHLEGER, S.D. ; KIM, K.S.and; HARRIS, W.M. . 1996 c. Anatomy and photosynthesis of Cotton leaf, Bract and capsule Wall. Field Crop Abst. Vol: 49 (1): 490.
- BONDADA, B.R. , OOSTERHUIS, D.M. , NORMAN, R.J. , and BAKER, W.H. 1996 d. Canopy Photosynthesis, Growth, Yield and Boll N Accumulation Under Nitrogen Stress in Cotton. Ag. J. 36: 127-133.
- BONDADA, B.R. and OOSTERHUIS, D.M. 2000.Comparative Epidermal ltrastructure of Cotton (*G.hir.L.*) Lef, Bract and Capsule Wall. Annals of Botany.86: 1143-1152.
- BOQUET, D.J. , MOSER, E.B. and BREİTENBECK, G.A. 1994. Boll Weight and Within-Plant Yield Distribution in Field Grown Cotton Given Different Levels of Nitrogen. Ag. J. 86: 20-26.
- BORZAN,G. ; OĞLAKÇI, M. ; ERŞAN, K. ve ÇİÇEK, B. 2003. Ege, Çukurova ve Güneydoğu Anadolu Bölgelerinde Standart Pamuk (*G.hirsutum* L.)(Upland) Çeşitlerinden Elde Edilen Liflerin Renk, Yabancı Madde, Hazırlama Durumu ve Standardizasyon Yönünden Karşılaştırılması. Tarımsal Ekonomik Araşt. Ens. Pamuk Simpozyumu. Antalya. 24-25 Nisan.
- BOQUET, D. J. ; HUTCHINSON, R. L. ; THOMAS, W. J. and BROWN, R. E. A. 1997. Tillage and Cover Crop Effects on Cotton Growth Yield and Soil Organic Matter. In 1997 Proceedings. Beltwide Cotton Conference, 6-10 January. Vol. I: 639-641.
- BOURLAND, F.M.; BENSON, N.R., VORIES, E.D.; TUGWELL, N.P.; DANFORTH, D.M.2001. Measuring Maturity of cotton Using Nodes Above White Flower. The journal of Cotton Sci. 5;1-8.
- BOWEN, H.O. 1961. Oxygen and Physical Impedance Affecting Germination. Cotton Gin and Oil Mill Pres, 62: 37-38.

- BOYACI, S. 1983. Kendine Kısırlık ve Pamuk Islahında Yararlanma Olanakları. Tarım Bak. Antalya (Akdeniz) Araştırma Enst. 123.
- BOWMAN, D.T. , VAN ESBROECK, G.A. VAN'T HOF, J. and JIVIDEN, G.M. 2001. Ovule Fiber Cell Numbers in Modern Upland Cottons. J.Cotton Sci. 5: 81-83.
- BRADOW, J.M. 1991. Cotton Cultivar Responses to Suboptimal Post Emergent Temperatures. Crop Sci. 31(6): 1595-1599.
- BRADOW, J.M. and DAVIDONIS, G.H. 2000. Quality and the Cotton Production-Processing Interface: A Physiologist's Perspective. the Journal of Cotton Science 4: 34-64.
- BRADLEY, J. F. 1995. Overview of Conservation Tillage on Cotton Production in the Mid-South. Beltwide Cotton Conferences. San Antonio, TX, USA, January 4-7, Vol. 1. pp. 200-203.
- BRAGG, C.K. ; C.L. SIMPSON, and WEST, D.G. 1998. The Effect of Preparation on the Spinning Quality of Cotton. The Proceeding of the Beltwide Cotton Conferences. Vol 1: 452 – 455.
- BRAR, H.S. and GILL H.S. 1985. Studies on Pre and Post Emergence Herbicides for Weed Control in cotton. Journal of Research, Punjab Agricultural University, 22(3):437-442.
- BRARPOUR, M.T., TALBERT, R.E. and FRANS, R.E. 1994. Spotted Spurge (*Euphorbia maculata*) Interference in Cotton (*G. hirsutum* L.). Weed Science, 42(4):553-555.
- BRASHEARS, A.D., JOHN, R.L., BREMER, J.E. and VALCO, T.D. 1999. Effect of Desiccation Treatments on Storage and Fiber Qualities in the Texas Coastal Bend. Proceeding of the Beltwide Cotton Conferences. Vol 2: 434-437.
- BRIGGS, R.E. 1980. Effect of the Plant Regulator Pix on Cotton in Arizona. Belt. Cott. Prod. Res. Conf. p. 32.
- BROUDER, S.M. and CASSMAN, K.G. 1990. Root Development of two Cotton Cultivars in Relation to Potassium Uptake and Plant Growth in a Vermiculitic soil. Field Crop Res. 23 (3-4). 187-203.
- BROWN, M. S. and, MENZEL, M.Y. 1952. Bull. Torrey Bot. Club. 79, 110-125.
- BROWN, H. B. and WARE, J. O. 1958. COTTON. McGraw-Hill Book Comp. Inc, New York.
- BROWN, K.J. 1973 a. Factors Affecting Translocation of Carbohydrate to Fruiting Bodies of Cotton. Cotton Grow. Rev. 50: 32-42.
- BROWN, K.J. 1973 b. Effect of Selective Defoliation on Development of Cotton Boll. Cott. Grow. Rev. 50: 106-114.
- BROWN, S. M.; T. WHITWELL; J. T. TOUCHTON and C. H. BURMESTER, 1985. Conservation Tillage Systems for Cotton Production. Soil Sci. Soc. Am. J. 49; 1256-1259.
- BRUSHWOOD, D.E. 1997. Measurement of Sugar On Raw Cotton By HPLC , Individual Carbohydrate Concentration And Their Relationship To Stickiness Potential. Proc. Beltwide Cotton Conferences, National Cotton Council, pp. 1656 - 1658.
- BRUSHWOOD, D.E. and PERKINS, H.H. Jr. 1994. characterization of Sugar from Honeydew Contaminated and Normal Cottons. Proc. Beltwide Cotton Conferences. 1408 – 1411.
- BRUSHWOOD, D.E. 1998. Modification of the Potassium Ferricyanide reducing Sugar test to Determine Total Sugars From Extracts of Cotton. Submitted to textile Chemist and Colorists for Publication, October 1998.

- BRUSHWOOD, D.E. 2000 a. Modification of the Potassium Ferricyanide Reducing Sugar Test For Sugars From Extract of Cotton Fibers. The Journal of Cotton Science. 4: p. 202-209.
- BRUSHWOOD, D.E. 2000 b. Relationship of Individual Honeydew Sugar Concentrations on Cotton Lint Stickiness Potential and Measured sugar Content. The Proc. Beltwide Cotton Conferences. Vol 2: 1518 – 1522.
- BRUSHWOOD, D.E. 2003. Noncellulosic Constituents on Raw Cotton and Their Relationship to Fiber Physical properties. Textile Res. J. 73 (10), 912- 916.
- BUCHERT, J. , J. PERE , JOHANSON, L.S. and J.M. CAMPBELL, 2001. Analysis of the Surface Chemistry of Linen and Cotton Fabrics. Textile Res. J. 71(7), 626 – 629.
- BUCO, S.M. , J.G. MONTALVO, S.E. FAUGTH, PRICE, J.B. , MEREDITH, W. , E. STARK, and K. LUCHTER. 1997. Fast Determination of Maturity and Fineness by NIR with a diyoite- Array HVI. Part.I. Data Analysis. The Proceedings. Beltwide Cotton Conferences 552 – 553.
- BURKE, J.J. , J.R. MAHAN, and J.J. HATFIELD, 1988. Crop Spesific Thermal Kinetic Windows in Relation to Wheat and Cotton Biomass Production. Agr. Jour. 80: 553 – 556.
- BURKE, J.J. , and D.R. UPCHURCH, 1989. Leaf Temperature and Transpirational Control in Cotton. Exp. Environ. Bot. 80: 553- 556.
- BURKE, J.J. , HATFIELD, J.L. and D.F. WANJURA, 1990. a Thermal Stres Index for Cotton. Argon. Journal. 82: 526-530.
- BURKE, J.J. , 2002. Moisture Sensitivity of Cotton Polen; An Emasculation Tool For Hybrid Production. Agronomy Journal 94: 883 - 888.
- BURMESTER, C. H. ; PATTERSON, M. G. and REEVES, D. W. 1996. No-till Cotton Response to Cover Crop System and Starter Fertilizer Placement in Northern Alabama. Field Crop Abstract. Vol. 49. No.7. 4955.
- BURMESTER, C. H.; PATTERSON, M. G. and REEVES, D. W. 1997. Effects of Tillage Herbicide Program and Row Spacing on Cotton Growth and Yield in two Conservation Tillage Systems. Proceedings. Beltwide Cotton Conferences 6-10 January. Vol. I. 626-628.
- BUSER, M.D. 2000. Update on the Impact of Modern Gin Stands on Fiber Quality. The Proceedings of the Beltwide Cotton Conf. 2:1602-1609.
- BUSER, M.D. and ABBAS, H.K. 2001. Update on the Impact of Dry Extruding Cotton Feed to Reduce Aflatoxin and Gossypol Level. Proceeding of the Beltwide Cotton Conferences. Vol: 2. 1392-1403.
- BUSSCHER, E.W. and SOJKA, R.E. 1987. Enhancement of Subsoiling Effect on Soil Strength by Conservational Tillage. Transaction of the ASAE .30 (4). Pp.888-892.
- BUTLER, G.D. Jr., G.M. LOPER, S.E. Mc GREGOR, J.L. WEBSTER and H. MARGOLIS. 1972. Amounts and Kinds of Sugar in the Nectars of Cotton (*G.spp.*) and the Time of Their Secretion. Ag.J. 64: 364-368.
- BUTLER, G.D. Jr., WILSON, F.D. 1984. Activity of Adult Whiteflies (Homoptera: Aletrodidae) within Plantings of Different Cotton Strains and Cultivars as Determined by Sticky-trap Catches. J. Econ. Entom., 77: 1137-1140.
- BUTTER, N. and VIR, B.K. 1991. Response of Whithefly, (*Bemisia tabaci* Genn.) to Different Cotton Genotypes under Glasshause Conditions. Indian Journal of Entomology 53 (1) 115-119.

- BUTTER, M.S., VIR, B.K., GURDEEP K., SINGH, I.R. and RAHEJA, R.K. 1992. Biochemical Basis of Resistance to Whitefly (*Bemisia tabaci* Genn.) (Aleyrodidae= Hemiptera) Tropical Agriculture 69 (2) 119-122.
- BUXTON, D.R., BRIGGS, R.E., PATTERSON, L.L. and WATKINS, S.D. 1977 a. Canopy Characteristics of Narrow-Row Cotton as Influenced by Plant Density. Agronomy Jour. 69: 929-933.
- BUXTON, D.R., MELICK, P.J., PATTERSON, L.L.Jr. and PEGELOW, E.J. 1977 b. Relationships among Cottonseed Vigor and Emergence. Ag. J. 69: 677 - 681.
- BYLER, R.K. 2001. Preliminary Results from Moisture Addition During Ginning. The Beltwide Cotton Conference Vol 2: 1358 - 1361.
- BYRD, J.D. 1996. Report of the 1995 Cotton Weed Loss Committee. Proceedings of Beltwide Cotton Conferences Volume, 21 1513 - 1516.
- CADENA, J. and COTHREN, J.T. 1996. Yield Response of Cotton to Nitrogen, Irrigation and PGR-IV Regimes. Field Crop Abst. 49. 7. 4981.
- CAI, Y., ZHANG, H., ZENG, Y., MO, J., BAO, J., MIAO, C., YAN, F., BAI, J. and CHEN, F. 2004. An Optimized Gossypol High Performance Liquid Chromatography Assay and Its Application in Evaluation of Different Gland Genotypes of Cotton. J. Biosci., Vol. 29, No. 1, p. 101-105.
- CALAMARI, T. A. Jr.; CUI, X.; JAMEA, M. H. and JOHN, B. P. 1997. An Investigation of the Cotton Wax Content on Fiber-to-Fiber Cohesion and Yarn Strength. The Beltwide Cotton Conference. pp.706- 708.
- CALHOUN, M.C., HOUSTON, J.F., KHLMAN, S., BALDUIN, B.C., ENGDAHL, B.S. and BALES, K.W. 1989. Feed Gossypol Intake in Erythrocyte Fragility of Lambs for Cottonseed Meal Processed by Different Methods. J. Anim. Sci., Vol. 68: 53.
- CALHOUN, M.C. and HOLMBERG, D. 1991. Safe Use of Cotton By-Products as Feed Ingredients for Ruminants: A Review p. 97-129. In L.A. Jones (ed). Cattle Research with Gossypol-Containing Feeds. National Cottonseed Prod. Assoc. Memphis, TN.
- CARMI, I.; PLAUT, Z. and SINAI, M. 1993. Cotton Root Growth as Affected by Changes in Soil Water Distribution and Their Impact on plant Tolerance to Drought. Irrigation Sci. 13: 4. 177-182.
- CARNS, H.R. and MAUNEY, J.R. 1970. Physiology of the Cotton Plant. Production and Utilization of Quality Cotton. The Crops Res. Division, ARS, USDA. North Carolina Agr. Exp. St. 42-69.
- CARROLL, J.D. and D.R. KRIEG, 1974. Cottonseed Density: Associated Seedling Vigor of four Cultivars at two Temperature Regimes. p.53. In J.M. Brown (ed.). Proc. Beltwide Cotton Prod. Res. Conf. Jan.7-9.
- CASS, Q.B., TIRITAN, E., MATLIN, S.A. and FREIRE, E.C. 1991. Gossypol Enantiomer Ratios in Cotton Seeds. Phytochemistry, Vol. 30, No. 8, p. 2655-2657.
- CASSMAN, K.G., KERBY, T.A., ROBERTS, B.A., BRYANT, D.C. and BROUDER, S.M. 1989. Differential Response of Two Cotton Cultivars to Fertilizer and Soil Potassium. Ag. J. 81:870-876.
- CATHEY, G.W. 1985. Conditioning Cotton for Increased Response to Defoliant Chemicals. Field Crop Res. 10 (4). 347-353.
- CATHEY, G., WILLIAM, R. and MEREDITH, J.R. 1988. Cotton Responses to Planting Date and Mepiquat Chloride. Ag. Jour. 80: 463-466.



- CHAUDHRY, M.R. 1997. Harvesting and Ginning of Cotton in the World. The Proceedings of the Beltwide Cotton Conference., 2: 1617-1619.
- CHAKRESH, K. and R.P. BHARDWAJ. 1994. New Classification for *G. arboreum* L. race -bengalense. Field Crop Abst. 47-8:5266.
- CHAMBERS, A. Y. , 1996. Conventional Tillage Conversation Tillage and their Effects on Disease Severity. Field Crop Abstract. Vol. 49. No.5. 3410.
- CHANE, C. 1998. Regulating Cotton Growth with *Bacillus cereus* in Arkansas-a two Year Study in 1998. p. 1421-1422.
- CHARLES, M.S. and ENDRİZZİ, J.E. 1962. Preliminary Studies on the Physiology and Genetics of a Defoliant. Cotton Defoliation Conf. Proc. Vol. 6. pp. 30-34.
- CHARLES, G.W. 1995. Nutgrass (*Cyperus rotundus* L.) Control in Cotton (*G. hirsutum* L.). Australian Journal of Experimental Agriculture, 35 (5): 633-639.
- CHELLAMATHA, V. 1992. Preliminary Studies on the Efficiency Of "Antor"for Controlling Weeds İn Cotton Crop Under Dryland Conditions. Madras Agricultural Journal 79(2)106-108
- CHEN,S. ; YING,M.C. ; PENG,Y.J. ; HUANG,J.Q. ; QIAN,S.Y. and XU, Y.J. 1990. Relationships Between *Gossypium* Species Based On Seed Protein Electrophoresis. Jiangsu Journal of Agricultural Sci. 6.(1).17-23..
- CHEN, X.S.and ZHU, S.L. 1991. Studies on the Inheritance of Flaring Bract in Upland Cotton. Acta Agronomica Sinica.17(5). 381-386.
- CHEN, R.L. , PAN, W.Q. , GAO, S.T. , GU, D.L. and GAO, D.Y. 1997. A Preliminary Study on The Technique of Foliar Spraying of Concentrated N on Cotton During the Boll Period. Field Crop Abst. 501-607.
- CHEN, X. and HUANG, J. 1998.The Effect of Ethrel in Inducing the Germination of Cotton Seed.China Cottons.25(3).12-13.
- CHEN B. ; H. JIANG, and; ZHANG, X. 1998, Application of Active Microbial Fertilizer B101 .I.F.E.To Cotton Fields.Jiangsu Agricultural Science.No:3.47.
- CHEN, X. and HVAN, J. 1998. The Effect of Ethrel in Inducing the Germination of Cotton Seed. China Cottons. 25(3). 12-13.
- CHERRY, T. 1976. Planting Seed Quality Control; California-Arizona Programs. Proceeding of the 1970 Beltwide Production Mechanization Conf. pp. 37-39.
- CHERRY, J.P. ; J.G. SIMMONS and R.J. KOHEL, 1978 a. Potential for Improving Cottonseed Quality by Genetic and Agronomic Practices. M.FRIEDMAN (ed.). Nutritional Improvement of Food and Feed Proteins. Plenum Pres,N.Y.343-364.
- CHERRY, J.P. ; J.G. SIMMONS and R.J. KOHEL, 1978 b. Cottonseed Composition of National Variety Test Cultivars Grown at Different Texas Locations. J.M.BROWN (ed) Proc.Betwide Cott. Prod. Res. Conf. pp. 47-50.
- CHIOCCOLONI, F. , LİTRİCO, P.G. and RİNDİNA, S.C. 1993. Mechanical Harvesting. Field Crop Abst. 2318. pp. 304.
- CHI, C.C. , THOMAS, H.J. PERKINS, J.R. , HENRY, H. , HENDRIX, D.L. and STEELE, T. L. 1998. Sticky Cotton and Reduction of Lint Stickiness. Tektran. Agricultural Res. Service. 12-18.
- CHİLDERS, R.E. and BAKER, R.V. 1978. Effect of Moisture Conditioning on Ginning Performance and Fiber Quality High Plains Cotton. TRANS of the ASAE. 21(2):379-384.

- CHITARRA, L.G. , MACHADO, J. , VIEIRA, M. and SILVA, C.M. 1997. Performance of Cotton (G.hir.L.)Seeds as a Fonction of Duration of Delinting with Sulfuric acid. Field Crop Abst.p. 435.
- CHRISTIANSEN, M.N. 1964. Influence of Chilling Upon Subsequent Growth and Morphology of Cotton Seedling. Crop Sci. 4: 584-586.
- CHRISTIANSEN, M.N. 1967. Periods of Sensitivity to Chilling in Germinating Cotton. Plant Physiol. 42:431-433.
- CHRİSTİANSEN, M.N. and ROWLAND, R. 1980. Cotton Phsiology. Vol.III. Seed and Germination. Beltwide Cotton Conf. P.315-318.
- CHRISTIANSEN, M.N. and ROWLAND, R.A. 1986. Germination and Stand Establishment. pp. 535-541. J.R. Mauney and J. McD. Stewart (ed). Cotton Physiology, Memphis.
- CHRISTIDIS, B.G. and HARRISON, G.J. 1955. Cotton Growing Proplems. McGraw-Hill Book Co.,Inc., New York.
- CHU, C.C. , HENNEBERRY, T.J. and REYNOSD, R.Y. 1992. Effect of Cotton Defoliant on Leaf Abscission, Immature Bolls and Lint Yields in Short Season Production System. Journal of Prod. Agr. 5 (2). 268-272.
- CHUN, D.T.W. 1997. Cotton Dust Potential Associated with Microbial Decomposition During Storage. Proc. Of the beltwide Cotton Conf. 194-198.
- CHUN, D.T.W. and BRUSHWOOD, D. 1998. High Moisture Storage effects on Cotton Stickiness. Textile Res. J. 68 (9), 642-648.
- CİVAROĞLU, A. 1995. Pamuk Tohumu Olgunluğunun (Yoğunluğunun) Çimlenme ve Fide Çıkışı ile Kütlü Pamuk Verimine Etkileri. Nazilli Pam. Araş. Enst. 1994 Yılı Proje ve Sonuçları: s. 85-89.
- CLARK, L. E. 1995. Winter Cover Crops in Conversation Tillage Systems for Cotton Production in the Rolling Plains of Texas. Beltwide Cotton Conferences Jan. 4-7. Vol. 2. p. 1344-1348.
- CLARK, F.R. 2000. Continental Eagles Vertical Flow Drier. The Proceedings of Beltwide Cotton Conf. 1: 87-90.
- CLEMENTS, L. A. ; PHİPPS, B. J. 1999. Effects of Deep Tillage Upon Lint Yield, Fiber Quality and Soil Moisture. In 1999 Proceedings Beltwide Cotton Conf. 3-7 January. Vol. I. 575-576.
- COEN, E.S. and CARPENTER, R. 1993. The Metamorphosis of Flowers. The Plant Cell.5:1175-1181
- CONSTABLE, G.A. and H.W. RAWSON. 1980. Carbon Production and Utilization in Cotton: Inferences from a cabon budget. Aust. J. Plant Physilo. 7: 539-553.
- CONSTABLE, G.A. ; ROCHESTER, I.J. and COOK, J.B. 1988. Zn, Copper, Iron, Manganese and Boron Uptake by Cotton on Cracking Clay Soils of High pH. Australian Journal of Experimental Agriculture. 28 (3). 351-356.
- COUTINHO, E.M. 2002. Gossypol: A Contraceptive for Men. Contraception, Vol. 65, p. 259-263.
- CRAWFORD, M.D.C. 1948. The Heritage of Cotton . Fairchild, NEW YORK.
- COLE, D.F. and M.N. CHRISTIANSEN, 1975. Effect of Chilling Duration on Germination on Cottonseed. Crop Sci. 15(3): 410-412.
- COŞKUNÇELEBİ, K. ; ALİYEV, R. T.ve BEYAZOĞLU, O. 1997. Effect of Gibberellic acid on the Alterations by Drought Stress in the Genome of Cotton (G.hir.L.) Seddlings. Turkish Journal of Biology.21(2)175-179.

- CULPEPPER, A.S. and YORK, A.C. 1998. Weed Management in Glyphosate-Tolerate Cotton. *Journal of Cotton Science*, 2(4): 174 - 185.
- CUI, X. , PRİCE, J.B. , CALAMARI, T.A. HEMSTREET, J.M. and MEREDITH, W.D. 2002. Cotton Wax and Its Relationship with Fiber and Yarn Propertyes, Part.I. Wax Content and Fiber Properties. *Textile Resh. J.* 72(5), 399.- 404.
- CURA, V. , AY, S. , ŞAHİN, A. ve ŞİMŞEK, M. 1983. Büyüme Regülatörü (Pix'in) Pamukta Verim ve Kaliteye Etkisi. *Pamuk Araştırma Dergisi*, 1: 88-91.
- ÇOPUR, O. 1999. Harran Ovası Koşullarında Farklı Ekim Zamanlarının Pamukta (*G. hirsutum* L.) Çiçeklenme, Verim Ve Verim Unsurları Ve Erkencilik Kriterlerine Etkisi. *Harran Üniv. Fen Bil. Ens. Tarla Bitk. Anabilim Dalı. Şanlıurfa. (Doktora Tezi)*.
- DADARI, S.A. ; KUMAR, V. ; MIKO, S. and MUSA, U.T. 1994. Chemical Weed Control in Cotton (*G.species*)+cow pea (*Vigna unguiculata*) Mixture. *Indian Journal of Agr.*39(1)4-8.
- DALİP, S. , VİRK, J.S.and RAJİNDER, S. 1987. Nutrient Requirement of Cotton in Cotton-Wheat Rotation. *Journal Res. Punjab Agr. Üniv.* 24. 2. 201-208.
- DAVIDONIS, G.H. , A. JOHNSON, J. LANDIVAR and O. HINOJOSA. 1996. Inluence of Low-Weight Seeds and Motes on the Fiber properties of other Cotton Seeds. *Field Crops Res.* 48. 141 – 153.
- DAVIDONIS, G.H. , LANDIVAR, J. and C. FERNANDEZ. 2003. Effects of Growth Environment on Cotton Fiber Properties and Motes, neps, and White Speck Frequency. *Tex. Res. jour.* 960 -962.
- De LANGE, E.A.L. 1980. Lint Development. Part.3. Beltwide Cotton Production Conf. Vol:I. Sec.II. Cotton Phys. 366-376.
- DELATRE, R 1994. The Complexity of Cotton Insect Relationships Some Example. *Plant Breeding Abstract* 64 (2) 2099.
- DELOUCHE, J.C.1981. Factors Affecting the Quality Of Cotton Planting Seed and Seed Quality Evaluation. *The Beltwide Cotton Prod. Res. Conf.* 289-305.
- DEMİR, İ. 1980. Genel Bitki Islahı, Bornova-İzmir: Ege Üniv. Ziraat Fak. Yayınları.
- DEMİRBILEK, T. 2000. Pamukta (*G.hir.L.*) Generatif Organların Uzaklaştırılmasının Verim Ve Verim Unsurlarına Etkisi. *T.C.Harran Üniv. Fen Bil. Enst.* 1 – 229. (Doktora Tezi).
- DETAR, W.R. ; MAAS, S.J. and McLAUGHLIN, J.R. 1998. The effect of Degree Days on the Crop Coefficient and Water Use by Cotton. *Proceedings Beltwide Cotton Conferences.* Vol 1. 370 – 376.
- DEVENDRA, S. 1993. Effect of Cytosome on Growth and Yield of Upland Cotton (*G.hir.L.*).*Journal of Cotton Res.and Development.*1993.7(1) 152-154.
- DEWEZ, J. 1964. Water uptake and Heat Evoluation by Germinating Cottonseed. *Plant Physiology*, 39: 240-241.
- DHAWAN, A. K. , SIMWAT, G.S. , SIDHU, AS. and MADAN, Y.K. 1986. Quantitative and Qualitative Losses in Cotton due to Pink Bollworm. *Journal of Research Penjab Agriculture University.* 24 (3) 433-436.
- DHINDSA, R.S. 1978. Hormonal Regulation of Cotton Ovule and Fiber Growth. Effects of Bromode Oxyuricdine, AMO-1618 and p-chlorophenoxyisobutyric acid. *Plan-ta* 141:269-272.
- DILBECK, R.E. and QUISENBERRY, F.E. 1979. Stormproof Boll in Upland Cotton. I. De-velopment of Instrumentation and in Heritance Study. *Crop Sci.* 19:567-571.

- DILLON, L. and JOHNSON, R. 1992. Plant Growth Regulators as an aid to Promote Earliness in Southeastern Cotton prod. in 1992 Proceedings Beltwide Cotton Conference. Vol:3: 1064-1065.
- DIMITROVA, A.M. and GUEGORGIEVA, T. 1998. Effect of Field Bindweed (*Convolvulus arvensis* L.) on Same Vegetative Parameters of Cotton Plant Stand on Technological Quality of Cotton Fiber. Field Crop Abstract, 8571 .p.1143.
- DONG, J.F. 1996. The Yield Increasing Ability of Spraying Cotton with Boron. Field Crop Abst. 5820.
- DOUTE, P.Y. 1997. Cotton Crops Versus Weeds: When is the Competition Period. Field Crops Abstract, 5320. p. 695.
- DOWD, M.K. and PELITIRE, S.M. 2008. HPLC Preparation of the Chiral Forms of 6-methoxy-gossypol and 6,6'-dimethoxy-gossypol. Journal of Chromatography B, Vol. 867, p. 69-77.
- DUESTERHAUS, B. ; N. HOPPER, ; J. GANNAWAY, and G.M. JIVIDEN, 1999. Development of A Laboratory Screening Test for the Evaluation of Cold Tolerance in Cotton Seed Germination. Proc. of the Beltwide Cotton Conf. Vol. I. 621-623.
- EATON, E. M. 1955. Physiology of the Cotton Plant. Ann.Rev.Plant Physiol. 6: 299-328.
- EARNEST, D.W. , J.L. KNOWLTON, G.K. COWDEN, and M. MATTHEWS, 1997. Relative Humidity Monitoring to Assess Cotton Sample Conditioning. The Proceedings Beltwide Cotton Conferences . 521 – 525.
- EBELHART, M. W. and WARE, J. O. 1998. Summary of Cotton Yield Response to Foliar Applications of Potassium Nitrate and Urea. Field Crop Abst.9296.p.1243.
- EGAMBERDİEV, A.M.Ç. and SULEIMANOV, S.M. 1985. On Weed Control in Cotton. E.Crop. Abst.38(12).p.20-21.
- EGİLLA, J.N. , and OOSTERHUIS, D.M. 1997. Effect of Seed Treatment With a Plant Growth Regulator on The Emergence and Growth of Cotton (*G. Hir. L.*) Seedlings. Field Crop Abst.50. 5. 3339.
- EHLIG, C.F. and R.D. LEMERT, 1973. Effect of Fruit Load, Temperature, and Relative Humidity on Boll Retention of Cotton. Crop Sci. 13: 168-171.
- EL-DEBABY, A.S., HAMMAM, G.Y. and NAGİB, M.A. 1996. Effect of Planting Date, N and P Application Levels on The Yield of Giza-80 Cotton Cultivar. Field Crop Abst. 49. 7. 4964.
- EL-DIN, G.M.S., 1997 a. Seed Cotton Yield, Its Components and Associated Weeds Affected by Nitrogen Fertilizer Rates and Hoeing. Annals of Agricultural Science, 35 (1): 143-
- EL-DIN, G.M.S. 1997 b. Effect of Weed Control and Plant Density of Cotton on Yield, Some of Its Components Fiber Properties and Associated Weeds. Annals of Agricultural Science, 35 (2): 699-714.
- EL-HALAWANY, S.H.M. and AZAP, A.S.M. 1990. Influence of Leaf Defoliation and Nitrogen Fertilization on Earliness, yield and Fibre Quality of Egyptian Cotton cv. Giza 80. Field Crop Abst. 43.8. 6139.
- EL-HANIFI, H.R., DAYEM, M.A. and EL-OKKAI, A.F.H. 1982. Influence of Topping on Yield and Other Characteristics. Agricultural Res. Rev. 60: 9: 153-163.
- ELSNER, O. 1982. Detecting Sugars in Cotton Lint. Textile Res. J. 52: 538 – 539..
- EL-SABAH, A.N., AHMED, N.I. and ABDEL-HAFEZ, A.A. 1992. Fiber Fine Structure and Yarn Mechanical Properties of Some Egyptian and Upland Cotton Varieties Treated by Some Insecticides. Plant Breeding Abstract 62 (3) 2564.

- ELMORE, C.D. ; J. D. HESKETH, and H.MURAMOTO. 1967. A Survey of Rates of Leaf Groth, Leaf Aging and leaf Photosynthetic Rates among and within Species. J. Ariz. Acad. Sci. 4: 215-219.
- ELMORE, C.D. 1973. Contributions Of The Capsule Wall And Bracts to the Developing Cotton Fruit. Crop Sci.13: 6: 751-753.
- ELMORE, C.D. and H.R.LEFFLER, 1976. Development of Cotton Fruit. III, Amino acid Accumulation in Protein and Non protein Nitrogen Fraction of Cottonseed. Crop Sci. 16: 867-871.
- EMİROGLU, Ş.H. 1974. Gossypol Glandı Taşımayan Pamuk Islahı ve Glandsız Bazı İntrodüksiyon Pamuklarının Ticari Çeşitlerle Karşılaştırılmalı Verim ve Kaliteleri Üzerinde Araştırmalar. Ege Üniversitesi Ziraat Fakültesi Agranomi-Genetik Kürsüsü, Birlik Matbaası. Bornova-İzmir.
- ENDRIZZI, J.E. 1962. The Diploid Like Cytological Behavior of Tetraploid Cotton. Evolution, Vol. 16, p. 325-329.
- ENDRIZZI, J.E. ; TURCOTTE, E.L. AND KOHEL, R.J. 1984. Cotton. American Society of Agronomy. Madison Wisconsin. Agronomy. No:24. pp. 81-129.
- ENDRIZZI, J.E. ; TURCOTTE, E.L. AND KOHEL, R.J. 1985. Qualitative Genetics, Cytology and Cytogenetics in Cotton. American Society of Agronomy. Madison Wisconsin. Agronomy. No:24. pp. 50-80.
- ENDRIZZI, J.E. 1991. The Origin Of The Allotetraploid Species Of Gossypium. In Chromosome Engineering In Plants: Genetics, Breeding, Evolution. Part B. Edited y Tsuchiya, T.; Gupta, P.K.J. Amsterdam, Neterlands; El sevier Science Publishers. 449-469. [SBN 0-444-88 260-x. [En, 104 ref., Developments in Plants Genetic-sand Breeding, 2B.]. Department of Plant Sciences, University of Arizona, Tucson, AZ85721, USA.
- ENDRIZZI, J.E. 1993. The Orijin Of The Allotetraploid Species Of Gossypium. Plant Breeding Abst no: 5663.
- ERGENE, A. 1966. Toprak Biliminin Esasları. Atatürk Üniversitesi Yayın No. 42. 1-272.
- ERİE, L.J. , K. HARRIS and O.F. FRENCH. 1954 – 1962. U.S. Water Conservation Lab. Phoenix, Arizona. (Yayınlanmamış Yıllık Raporlar.)
- EUANGELİOUS, S. and ROUSOPOULOS, D. 1986. The Effect of Different Types of Nitrogen Fertilizers on the Yield of Cotton. Field Crop Abst. 39. 12. 9703.
- EVENSON, J.P.1969. Effects of Floral and Terminal Bud Removal on the Yield and Structure of the Cotton Plant in the Ord Valley, North Western Australia. Cotton Growing Rev. 46: 37-44.
- FAURE, J.E. 2001. Double Fertilization in Flowering Plants: Discovery, Study Methods and Mechanisms. C.R. Acad. Sci. Paris. 324. 551-558.
- FERNANDEZ, C.J. ; LANDÍVAR, J.A. ; COTHREN, J.T. and GERİK T.J. 1998 a. Time and rate Ryz-up Apyl Cotton in South Texas. Proceedings Beltwide Cotton Conferences, San Diego, California, USA, 5-9 Jan. Vol:2. 1414 - 1416
- FERNANDEZ, C.J.; LANDÍVAR, J.A.; COTHREN, J.T. and; GERİK, T.J. 1998 b. Evaluation of Mepiquat chloride and Bacillus cereus in South Texas. Proceedings Beltwide Cotton Conferences, San Diego, California, USA, 5-9 Jan. 1998. Vol:2:1417-1420.
- FİDAN, M. S. ; BÖLEK, Y. ; OĞLAĞÇI, M. ve BARDAK, A. 2009. Pamukta Gossypol. KSÜ. Doğa Bilimleri Dergisi. 12(1): 93-101.

- FLİNT,E.H.,JR; TRİPLET,G.B.,JR.; DABNEY,S.M.; BASTON,W.H.; LUTHE,D.S.and WATSON,C.E.,1998. Vesicular Arbuscular Mycorrhizae (VAM) in no Tillage Cotton. Arkansas Agricultural Exp.Sta. Report no: 186.p. 22-24.
- FOMA, M. and NGEKA, K. 1984. A contribution to the Study of oil, Proteins and Gossypol in Cotton Seed c.v. Reba-B501. Field Crop Abst. 3820.
- FONSECA, S.M. and F.L. PATTERSON, 1968. Hybrid Vigor in a Seven Parent Diallel Cross in Common Winter Wheat (*Triticum aestivum* L.). Crop sci. 8: 85-88.
- FOSTER, J.D. Jr., VERHALEN, M. and MURRAY, D.S. 1994. Prometryn Tolerance in Glanded Versus Glandless Isolines of Cotton. Crop Science, 34: 67 - 71.
- FRANSEN, T.J. F and L. VERSCHRAEGE, 1985. Origins of Short Fibers. Tex. Horiz. 5: 40 - 42.
- FREJTAG, A.H. and COLEMAN, E.A. 1973. Effect of Multiple Application of 2,3,5, triadobenzoic Acid (TIBA) on Yield of Stroomproof and Nonstroomproof Cotton. Agr. J. 65: 610-612.
- FRYXELL, P.A. 1968. Bot. Gaz.(Chicago). 129.(4), 296-308.
- FRYXELL, P.A. 1984. Cotton. American Society of Agronomy. Ed. Kohel, R.J. and Levis,C.F.Madison.Wisconsin. Agronomy. No:24. pp.27-56.
- FRYXELL, P.A. 1985. Taxonomy and Germplasm Resources. Cotton-ARS-USDA and Texas AŞ M. University College Station, Texas. pp. 27-57.
- FRYXELL, P.A. ; L.A.CRAVEN, and J.McD. STEWART.1992.. A Revision of *Gossypium* Sect. *Grandicalyx* (Malvaceae), Including the Description of six new Species. Syst. Bot.17: 91-114.
- GAMBLE, G.R. 2001. Physiology; Evaluation of an Enzyme-Based Method for the detection of Stickiness potential on Cotton Lint. the J. of Cotton Sci. 5: 169 – 171.
- GAMBLE, G.R. 2002. Thermochemical Degradation of Melezitose and Trehalulose as Related to Cotton Stickiness. Textile res. J. 72 (2), 174-177.
- GARAY, B. R and BARROW J. R. 1988. Polen Selection for Heat Tolerance in Cotton. Crop Sci. 28, 857-859.
- GENÇ, İ.ve TUKEL, T. 1993. Tarımsal Ekoloji. Ç.Ünv. Zir.Fak. Ders Kitabı. No:29.
- GENÇ, İ. ve YAĞBASANLAR, T. 2010. Bitki Islahı. Çuk. Ün. Ziraat Fak. Genel yayın.no: 59, Kitap yayın no: A-13, 1-150. Adana.
- GENÇER, O. 1974. Çukurova bölgesinde Önemli pamuk Çeşitlerinin Ekim Sıklığının Verim ve kalite ile İlgili Başlıca Bitki Özelliklerine Etkisi üzerinde Araştırmalar (Doktora Tezi, Çukurova Üniversitesi.Adana)
- GENÇER, O. 1984. Büyüme Düzenleyici 1.1. Dimethyl piperidinium chloridenin Farklı Gübrelenmiş Pamuğun Tarımsal ve Teknolojik Özelliklerine Etkisi Üzerinde Bir Araştırma. Ç. Ü. Ziraat Fakültesi Tarla Bitkileri Bölümü. Yayın No. 421. s. 1-36.
- GENÇER, O. ve OĞLAKÇI, M. 1983. Farklı Sıra Arası Uzaklığı ve Azot Gübrelenmesinin Pamuk Bitkisinin (G.hir.L.) Verim ve Kalite unsurlarına Etkisi. Çukurova Ün. Zir fak. Dergisi. 14:3-4: 179-194.
- GERİK, T.J. 1981. Row and Population Effects on Growth Dynamics of Short Season Cotton Cultivars. Proc. Beltwide Cotton Prod.Res. Conf. P.54
- GERİK, T.J. , JACKSON, B.S., STOCKLE, C.O. and ROSENTHAL, W. D. 1994. Plant Nitrogen Status and Boll Load of Cotton. Ag. Journal. 86. 514-518.
- GİDNAVAR, V.S., SHASHİDHARA, G.B. and MANJUNATHAIAH, H.M. 1994. Soil Fertility Management in Corporation. Field Crop Abst. 47. 12. 8155.

- GILL, B.S. and SIMUAT, G.S. 1993. Studies on Square Formation and Bollworm Incidence in *G. arboreum* L. Cotton. Journal insect Sci. Vol.6: 82-84.
- GIRI, A.N., BHOSLE, R.H., LOKHANDE, O.G. 1998. Weed Management in Cotton (*G. hirsutum* L.)-Sunflower (*Helianthus annuus* L.) Cropping Sequence. Indian Journal of Agronomy, 43 (2),264-268.
- GIBSON, J.R. and H.E. JOHAM, 1968. Influence of Night Temperature on Growth and Development of Cotton (*G.hir.L.*), I. Fruiting and boll development. Agronomy J. 60: 292 -295.
- GIBSON, J.R. and RAY, L.L. 1969. Fiber Elongation Rates in Five Varieties of Cotton (*G.hir.L.*) as Influenced by Nighth Temperature. Crop Science .9:339-341.
- GIBSON, J.R. and RAY, L.L. 1970. Temperature-Variety Interrelationships in Cotton.I. Boll and fiber development. Cotton Grow. Rev.47: 257-271.
- GIBSON, J.R. and RAY, L.L. 1974. Response of Early Maturing Strains to Temperature Stress. Proc. Beltwide Cott. Res. Conf. pp. 36-38.
- GIBSON, J.R. 1986. Temperature Effect on Growth, Development and Fiber Properties. Cotton Physiology. The Cotton Foundation,Memphis,TN.p47-56.
- GOLDBERG, GOR.B.; BEALS, P.T. and SANDERS, P.M. 1993. Anther Development; Basic Principles and Practical Applications. The Plant Cell.vol: 5. 1217-1229.
- GORDON, J.A., KRIEG, D.R. and GREEN, C.J. 1997. The Value of Lateral Root Growth to Early Season Growth and Development of Cotton Plants. Field Crop Abstract, 3540. pp:475.
- GORDON, J.A.and GREEN, C.J. 1999. Comparative Field and Greenhouse Studies of Trifluralin and Pendimethialin on Cotton Growth, Development and Nutrient Uptake. F.Crop Abst.8445.p.1147.
- GORE, U.R. 1935. Morphogenetic Studies on the Inlorescence of Cotton. Bot. Gaz.97(2)118-138.
- GORHAM, J. and BRİDGES, J. 1996. Effects of Calcium on Growth and Leaf İon Concentrations of *Gossypium hirsutum* Grown in Saline Hydroponic Culture. Field Crop Abst. 49. 2. 1196.
- GOULD, J.H. and DUGGER, W.M. 1986. Events Surrounding Fiber İnitiation in *G.hirst.* var *Acala* SJ-2. p. 81-82.
- GÖRMÜŞ, Ö. 1995. Çukurova Bölgesinde Farklı Azot Dozu Gübrelemesi, İnspektisit Tipi ve Uygulamalarının pamuğun (*G.hirs.L.*) Özellikle Yapışkanlık Sorunu Olmak Üzere Verim ve Kalite Unsurlarına Etkisi Üzerinde bir Araştırma. Ç.Ünv. Fen Bilimleri Enstitüsü Tarla Bitkileri Anabilim Dalı (Doktora tezi). Adana: 1-360.
- GÖRMÜŞ, Ö. 1997. Pamuk Lif Yapışkanlığının Saptanmasında Kullanılan Değişik Test Yöntemleri Arasındaki İlişkiler. Textil Teknoloji. 4: 66 – 79.
- GÖZKAYA, F. , KARACA, N. , OĞLAKCI, M. ve SEZER, O. 1977. Fosfor Verme Denemesi. Tarım Bak. Adana Pam. Araşt. Enst. 1976. Proje Araştırma Sonuçları. S. 211-215.
- GRAHAM, G.G., MORALES, E. and ACEVEDE, G. 1970. Dietary Protein Quality in Infants and Children the Americans. Clinical Nutrition, Vol. 23 (2), p. 165-169.
- GREEN, J.M.1955. Frego Bract, a Genetic Marker in Upland Cotton. J. Hered. 46:232.
- GRIFFIN, A.C. 1977. Cotton Moisture Control. Cotton Ginners Handbook USDA, ARS, No: 503.13-18.

- GRIFFIN, A.C. and McCASKILL, O.L. 1964. Storage of Seed Cotton in Trailers. USDA-ARS Prod. Res. Rep. No:81, pp. 18.
- GRIMES, D.W. , H. YAMADA, and S.W. HUDGES, 1980. Irrigation Effects on Cotton Biomass Partitioning. Beltwide Cotton Prod. Res. Vol:2. 51-52.
- GUBANOVA, N. 1990. Polymorphism for Oil Content. Plant Breeding Abst. 60: 19. No.10215.
- GUINN, G. and D. L. BRUMMETT, 1980. Light Intensity, Photosynthesis, and Fruit Retention. Cotton Beltwide Prod. Abst. pp. 50.
- GUINN, G. and HUNTER, G. 1968. Root Temperatures and Carbohydrate Status of Young Cotton plants. Crop sci. 8: 67 – 70.
- GUINN, G. 1985. Fruiting of Cotton: III. Nutritional Stress and Cut-out. Crop Sci. 25:981 - 985.
- GUINN, G. and J.R. MAUNEY, 1984. Fruiting of Cotton. I. Effects of Moisture Status on Flowering. Agronomy Journal 76: 90-94.
- GUINN, G. and D. L. BRUMMETT, 1988. Changes in Abscisic acid and Indoleacetic acid Before and After Anthesis Relative to Changes in Abscission rates of Cotton fruiting Forms. Plants Physiol. 87: 629-631.
- GUINN, G. and D. L. BRUMMETT, 1989. Fruiting of Cotton: IV. Nitrogen, Abscisic acid, Indole- acetic acid, and Cut-out. Field Crops Res. 22: 757-766.
- GUTHRIE, D.S. 1989. Cotton Cultivar Response to Selected Defoliation Treatments. Field Crop. Abst.42(2): 5583.
- GÜNEŞ, Y. 1996. Harran Ovası Koşullarında Standart ve Ümitvar Pamuk Çeşitlerinde Odun ve Meyve Dallarında Oluşun Kozaların, Koza ve Lif Özellikleri Yönünden Karşılaştırılması. Harran Üniv. Fen Bilimleri Enst (Yüksek Lisans tezi. ŞanlıUrfa).
- GÜREL, A. ve EMİROĞLU, Ş.H. 1995. Pamuk (G.hir.L.)'ta Dökmenin Değişimi. Ege Üniv. Zir. Fak. Tarla Bitk. Islah Semp. İzmir. S. 36-39.
- HACKETT, J.L. 1999. Continental Vertical Flow Drier and Replaceable Insert Rib. Proceedings of the Beltwide Cotton Conf. Vol. 1. pp. 406-408.
- HAGUE, S.S. and GANNAWAY, J.R. 1996. Non-Insect Related Sticky Cotton. Proc. Of the Beltwide Cotton Conf. Vol. 2: 1684-1686.
- HALEVY, J. 1976. Growth Rate and Nutrient Uptake of Two Cotton Cultivars Grown Under Irrigation. Ag. J. 68. 701-705.
- HALILOĞLU, H. 1999. Harran Ovası Koşullarında Farklı Azot Dozlarının Pamukta (G.hirs.L.) Çiçeklenme ve Meyvelenme Düzenine, Verim ve Verim Unsurlarına Etkisi Üzerine bir Araştırma. Harr.Ünv. Fen Bil. Enst. (Doktora tezi)
- HALLOIN, C.M. 1979. Weathering: Changes in Planting Seed Quality Between Ripening and Harvest. Proceedings of Beltwide Cotton Conf. pp. 286-287.
- HAMİD, A. and SARVER, G. 1983. Effect of Split Application of P on P Uptake in Cotton From P Labelled Superphosphate. Pakistan Jour. Of Scientific and Indust. Res. 26 (1). 23-26.
- HANSEN, J.; SCHAEFER, C.; SHAFER, W.; M. LARSON, and ADAİR, M. 1996. Effects of Ryzup (GA3) on the Growth and Development of Early Season Cotton. Proceedings Beltwide Cotton Conference. Jan.9-12.p.38-40.
- HARMANCIOĞLU, M. 1973. Lif Teknolojisi (Dokuma maddelerinin Genel Özellikleri) Cilt.I. Ege Üniversitesi Ziraat Fak. Yay. No:88. 1-214.



- HARPER, A.G. 1962. Glandless Cottonseed, A Research Grand Slam the Cotton Gin and Oil Mill Press.
- HARTZELLE-LAWSON, M.M. and YOU-LOU, H. 2000. Characterizing the Noncellulose in Developing Cotton Fibers. Textile Res. J. 70 (9), 810- 819.
- HAREM, E. 2007. Türkiye'de Tescil Edilen Pamuk Çeşitleri. T.C. Tarım ve Köyişleri Bakanlığı Tagem. Nazilli Pam.Araşt. Enst. Yayınları. No 65. 1-183.
- HART, W. G.; TOMPKİNS, F. D.; MORGAN, T. E. and BRADLEY, J. F., 1996. Performance as Affected by Row Spacing and Tillage Practice. Field Crop Abstract. Vol. 49. No.5. 3419.
- HASSAN, S.T. , WILSON, L.T. and BLOOD, P.R.B. 1991. Oviposition by *Heliothis armigera* and *H. punctigera* (Lepidoptera : Noctuidae) on Okra Leaf and Smooth leaf cotton. Environmental Entomology 19 (3) 710-716.
- HASSAN, L.S. , S. A. EL- SHAARAWY, and h.b. ABOU- TOUR, 2000. Response of Some Egyptian Genotypes to Varied Climatic Measurement Over Varied Environments. Proceeding of the Beltwide Cotton Conferences. Vol 1: 553 – 560.
- HATTAS,V.C.; KOTOUİA-SYRA, E.; ELEFTHEROHORİNOS, I.G. 1995. Influence of Propaquizfob Application Rate and Time on Sorghum halepense L.Pers.Control and Cotton (G.hir.L.)Yield.Weed Research(Oxford)35(1)1-6.
- HAYES, B., O. GATHAWAY, C. BANNER, B. ROBERTSON, E. VORİES, G. STEVENS and B. PHİPPS. 1996. Heat Unit Effects on Harvest-Aid Performance of Finish In the North Delta. Beltwide Cotton Conf. pp. 1218.
- HECTOR, D.J. and HODKİNSON, I.D. 1989. Stickiness in Cotton. ICAC Review Articles on Cotton Production Research, no.2. 43.
- HEDIN, P.A and Mc CARTY, I.C. 1990. Possible Roles of Cotton Bud Sugars and Terpenoids in Oviposition by the Boll Weevil. Journal of Chemical Ecology 16 (3) 757-772.
- HEİNRİCHS, C. , H.DOBDELSTEİN, S. DUGAL, and SCHOLLMAYER, G. 1984. Determining Honeydew on Cotton. Use of Formazan Method. Mill textile. 65 : 661 – 662.
- HEİTHOLT, J.J. 1993. Cotton Boll Retention and its Relationship to Lint Yield. Crop Sci. 33: 486-490.
- HEİTHOLT, J.J. and SCHMİDT, J.H. 1994. Receptacle and Ovary Assimilate Concentrations and Subsequent Boll Retention in Cotton. Crop Sci. 34: 125-131.
- HENAIN, E.S. 1992. Rates of Absorbtion and Desorbtion of Hygroscopic Moisture by Gin Run and Acid Delinted Cotton Seeds at 10 C and 35 C, Msc. Thesis. Mississippi State University. Mississippi St. MS. Pp. 66.
- HENDRİX, D.L. and K.K. PEELEN. 1987. Artifacts in the Analysis of Plant tissues for Soluble Carbohydrates. Crop Sci. 27. 710 – 715.
- HENDRİX, D.L. , WEİ, Y.A. and LEGGETT, L.E. 1992. Homopteran Honeydew Sugar Composition is Determined by Both the Insect and Plant Species. Comp. Biochem. Physiol. 101B, 23-27.
- HENDRİX, D.L. , BLACKLEDGE, B. , and PERKİNS, Jr. H.H. 1993. Development Method for the Detection and Eliminate of Insect Honeydews on Cotton Fiber. Beltwide Cotton Conferences. 1600- 1602.
- HEQUET, E. and ABİDİ, N. 2002. Textile Technology; High- speed Stickiness Detector Measurement: Effect of Temperature Settings and Relative Humudity. The Journal of Cotton Sci. 6. 68 – 76.

- HESKETH, J. D. and LOW, A. 1968. Effect of Temperature on Components of Yield and Fiber quality of Cotton Varieties of Diverse Origin Cotton Grow. Rev. 45: 253-257.
- HESKETH, J.D. ; BAKER, D.N. and DUNCAN, W.G. 1972. Simulation of Growth and Yield in Cotton. II. Environmental Control of Morphogenesis. Crop Sci. 12: 436-439.
- HESSLER, L.E. 1961. The Relationships Between Cotton Fiber Development and Fiber Properties. Tex. Res. Jour.31: 38-43.
- HEUER, B. ,and PLAUT, Z.A. 1985. A New Approach to Reduce Sugar Content of Cotton Fibers and Its Consequence for Fiber Stickiness. Textile Res.J. 55, 263-266.
- HIMMELSBACH, D.S. and AKIN, D.E. 2003. Chemical Structural Investigation of Cotton Fiber Base and Associated Seed Coat: Fourier- transform Infrared Mapping and Histochemistry. Textile Res.Jour. 73: 281-288.
- HODGKIN, T. 1988. In Vitro Pollen Selection in Brassica napus L. In: M.Cresti, P.Gori and G.Pacini (Eds). Sexuel Prod. In Higher Plants.pp.57-62.
- HOFFPOUR, C.L., PETTY, D.H.and GUTHRIE, J.D. 1947. Germaniation and Free Fatty Acid in Individual Cotton Seeds. Science 106:344.
- HOLEKAMP, E. R. , E.B. HUDSPETH and L.L. RAY, 1960. Soil Temperature- A Guide to Timely Cotton Planting. Texas Agric. Exp. Stn. Misc. Publ. 465.
- HOLMAN, E.M.; COCO, A.B. ; HUTCHINSON, R.L. 1998. Comparison of Tillage Practices for cotton Production on Alluvial soil in Northeastern Louisiana .prod. Beltwide Cotton Conf .san Diego, California, USA, 5-9 January .No:186.42-45.
- HOOD, J.T. and ENSMINGER, L. 1964. The Effect of Ammonium Phosphate and Other Chemicals on the Germination of Cotton and Wheat Seeds. Proc. Soil Sci. Soc. An. 28: 251-253.
- HORMAZA J. I. and HERRERO M. 1991. Pollen Selection. Teor. Appl. Genet. 83: 663-673.
- HORNER, H.T. and PALMER, R.G. 1995. Mechanisms of Genic Male Sterility. Crop Sci. 35: 1527-1535.
- HORROCKS,R.D.; T.A. KERBY, and D.R.BUZTON, 1978. Carbon Source for Developing Boll in Normal and Super Okra Leaf Cotton. New Phytol.80:335-390.
- HU, S. A. and ZHAO, Q.L. 1994. Study on Epidermal Hairs of Gossypium. Field Crop Abst. vol: 47 (3). 1758.
- HUDGING, T. 1990. In vitro Pollen Selection in Brassica napus L. for Resistance to Hytoxic Compounds from Alternaria brassicicola (Schw.) Wilts. Sex Plant Reproduction. 3: 116-120.
- HUGHES, C. 1964. Effect of Planting Dates and Spacing on Cotton. Ark. Agr. Exp. Sta. Rep. Ser.126.
- HUGHES, C. 1968. Notes in Varieties of G.barbadense. Cott. Gr. Rev. 45: 266-280.
- HUGHS, S.E. and LALOR, W.F. 1990. Fiber and Yarn Effects of Roller versus Saw Ginning. The Proceeding of The Beltwide Cotton Conferences.Vol 2: 542-543.
- HUGHS, S.E.and PRICE, J. 1998. Wet Cotton and High Temperature Drying. Proceedings of Beltwide Cotton Conf. 2:1637-1641.
- HUGHS, S.E, 2000. Saw Gin Modification to Reduce Seedcoat Fragments. Proceeding of The Beltwide Cotton Conferences. Vol: 2: 1609 – 1612.
- HUGHS, S.E. and OWEN, C. 2000. Effect of Prep on Pima Cotton Textile Quality. Proceeding of The Beltwide Cotton Conferences. Vol 2: 1583 - 1585

- HUGHES, S.E. ; BRAGG, C.K. and OWEN, C. 2000. Where Neps in Pima Cotton are Made. Proceeding of the Beltwide Cotton Conferences. Vol: 2: 1593 – 1595.
- HULME, P.J. ; MC KENZIE,D.C. ; MAC LEOD, D.A. and ANTHONY, D.T.W.1996. An Evaluation of Conrolled Traffic a Vertisol. Soil and Tillage Research 38 (3-4) 217-237.
- HULUGALLE, N. R.; BRUYN, L. A. L. De and ENTWİSTLE, P. 1998. Residual Effects of Tillage and Crop rotation on Soil Properties, Soil in Vertebrate Numbers and Nutrient Uptake in an Irrigated Vertisol Sown to Cotton. Applied Soil Ecology (7) (1). 11-30.
- HUNTER, R.E.and PRESLEY, J.T. 1963. Morphology and Histology of Pinched Root Tips of *G. hirsutum* L. Seedlings Grown from Deteriorated Seeds. Can. J. Plant Sci. 43: 146-150.
- HUNTER, L. 1997. Worlwide Trend in Cotton Fibre Testing. Beltwide Cotton Conf. 501 -507.
- HUTCHINSON, J.B.; R.A. SİLOW, and S.G. STEPHENS.1947. The Evolution of Gossypium. Oxford Univ. Pres. New York.
- HUTCHINSON, J.B. 1954. Heredity. 8. 225-241.
- HUTCHINSON, J.B. 1959. The Application of Genetics to Cotton Improvement. Cambridge Univ. Pres. London.
- HUTCHINSON, R.L. , SHARPE, T.R. and SUMMERS, D. 1989. Cotton İrrigation Management Study. Field Crop Abst. Vol. 42: No. 12. 9940.
- İBRAHİM, M.E. and BUXTON, D.R. 1981. Early Vegetative Growth of Cotton as Influenced by Leaf Type. Crop Sci. 21. 5: 639 - 643.
- İDSO, S.B. JACKSON, R.D. , P.J.J. PINTER,Jr. , R.J. REGİNATO, and J.L.HATFIELD, 1981. Normalizing the Stres- degree Day Parameter for Environmental Variability. Agr. Metero. 24: 45-55.
- İKİZ, F. 1979. Adaptasyon, Stabilite ve Genotip x çevre İnteraksiyonu ile İlişkisi. Bitki Islahı Simpozyumu. Ege Bölge Zirai Araşt. Enst. Yayınları. 17 / 41. 61-71.
- İLANGO, K. and UTHAMASAMY, S. 1989. Biochemical and Physical Bases of Resitance to Bollworm Complex in Cotton Varieties. Madras Agronomy Journal. 76 (2) 73-76.
- İNCEKARA, F. 1971. Endüstri Bitkileri ve Islahı. Cilt. 1. Lif Bitkileri ve Islahı. Ege Üniv. Ziraat Fakültesi Yay. No. 65.
- İNAN, Ö. 1980. Pamuk Glandlerinin Kimyasal Bileşimi, Biyolojik Aktivitesi ve Genetiği. Antalya Pamuk Araştırma Enstitüsü Raporları, 1-15.
- İNAN, Ö.B. ve KAUR, B. 1983. Pamukta Değişik Koza Açma Devrelerinde Farklı Dozlar da Uygulanan Ethephon'un Etkilerinin Araştırılması. Akdeniz T. A. Enstitüsü Md. Pamuk Araştırma Özetleri (1967-1989). s. 30.
- İNAN, Ö. ; GÜLERYÜZ, H. ve AYDEMİR, O.N. 1999. Antalya Bölgesinde Toprak Sıkışıklığının Pamukta Verime Olan Etkilerinin Giderilmesi. Akdeniz Tarımsal Arş. Enst. Yıllığı.
- JACKSON, R.D. , S.B. İDSO, R.J. REGİNATO, and P.J. PINTER, Jr. 1981. Canopy Temperature as a Crop Water Stres Indicator. Water Resour. Res. 17: 1133-1138.
- JACKSON, B. S. , and T.J. GERİK, 1990. Boll Shedding and Boll Load in Nitrogen-stressed Cotton. Argon. J. 82: 483-488.
- JACKSON, S.M. 1996. Fountain Drying Systems. Proceedings of Beltwide Cotton Conf., 1:561-563.

- JACOBSEN, K.R. BASRA, A.S. SALTVEIT, M.E. and JERNSTED, J. 2001. Symplasmic Continuum the Outer Integument to the Nucellus in the Developing; Cottonseed. Proceed. of the Beltwide Cotton conf. Vol: I: 554 - 557.
- JACOBSEN, K.R. , GROSSMAN, Y.L. , HSIEH, YOU-LOU, PLANT, R.E. , LALOR, W.F. and JERNSTED, J.A. 2001. Textile Technology. Neps, Seedcoat Fragments, and Non-seed Impurities in Processed Cotton. The Journal of Cotton Science 5: 53 – 67.
- JAGANNATHAN, R. and IRUTHAGATAJ, M.R. 1982 . Effect of NAA and N on Growth Analysis on Cotton M.C.U.9. Agricultural Science Digest (2)1.4-6.
- JANAGOUDAR, B. S. ; VENKATASUBBAIAH, H. ; JAMARDHAN, K. V. And PANCHAL, Y.C. 1987. Dry Matter Production and Yield of Cotton Genotypes Under Different Sowing Dates. Journal of Farming Systems 3(3-4): 56-62.
- JAVELLONAR, R.P.; GANOTISI, N.D. and CRUZ, R.S. 1998. Cottonseed Delinting. In Proceeding of International Agr. Engineering Conf. Bangkok, Thailand, December.7-10.
- JAYALALITHA, K., and NARAYANAN, A. 1997. The Effects of Sulphur Deficiency on Growth and Mineral Composition of Hydroponically Grown Cotton Plants. Field Crop Abst. 50. 5. 3358.
- JENKINS JN., PARROTT, W.L., Mc CARTY, J.C. , IR., BARTON, K.A. and UMBECK., P.F. 1990 a. Field Test of Transgenic Cottons Containing a *Bacillus thuringiensis* Gene. Plant Breeding Abstract 61. 11. 10258.
- JENKINS J. N. , Mc CARTY, J.C. and PARROTT, W. L. 1990 b. Effectiveness of Fruiting Sites in Cotton. Yield. Crop Sci.30: 365 - 369.
- JENKINS J.N. , Mc CARTY, J.C. , I.R. and PARROTT, W.L. 1990 c. Fruiting Efficiency in Cotton Boll Size and Boll Set Percentage. Crop Sci. 30: 857 – 860.
- JENSEN, W.A. , and D.W. FISHER, 1968. Cotton Embryogenesis: the Entrance and Discharge of the Polen Tube in the Embryo sac. Planta (Berlin). 78: 158-183.
- JERNSTEDT, J. , ROBINSON, W. and BIRKETT, J. 1994. Cotton Ovule and Fiber Structure and Development. Biochemistry of Cotton. September 28-30, Galveston, Texas. 101-104.
- JIA, L., COWARD, L.C., KERSTNER, C.D., CORK, R.L., GORMAN, G.S., NOKER, P.E., KITADA, S., PELLECCIA, M. and REED, J.C. 2008. Comparison of Pharmacokinetic and Metabolic Profiling Among Gossypol, Apogossypol and Apogossypol hexaacetate. Cancer Chemother Pharmacol. Vol. 61, p. 63-73.
- JIANG, R.Y., HONG, W., HUANG, Z.M., YU, S.X. and YUAN, R.H. 1996. On Precocious Degeneration of Cotton. China Cottons: 23(3).7-8.
- JIANG, D., LI, M., LI, X. and DENG, Y. 1998. Effects of Vesicular-Arbuscular Mycorrhizal Fungi on Growth of Cotton. Acta Agronomica Sinica. 24(6). 1003-1005.
- JIANG, H.X., CAO, X.X., HUANG, H. and JIANG, B. 2007. An Expedient Route for the Practical Preparation of Optically Active (-)-gossypol. Tetrahedron: Asymmetry, Vol. 18, p. 2437 – 2441
- JOHNSON, S.P. , W.R. COWLEY, and R.R. HOVERSON, 1959. Effect of Low Soil Temperature on the Emergence of Acid Delinted Deltapine 15 Cottonseed. Texas Agr. Exp. Sta. Prog. Rep. 2091.
- JOHNSON, J. ; Mc GREGOR, K. and DABNEY, S. 1996. A Look at CRP Land: Returning to Cotton Production. Proceeding Beltwide Cotton Conferences, Nashville, TN, USA, January 9-12. Vol. 2. p. 1351-1352.

- JHONSON, D.H. and TALBERT, R.E. 1996. Cotton (*G. hirsutum* L.) Response to Imazaquin and Imazethapyr Soil Residues. Weed science, 44 (1), 156- 161.
- JONES, J.E. 1982. The present State of the Art and Science of Cotton Breeding for Leaf-morphological Types. Prod. Beltwide Cotton Conf. p. 93-99.
- JONES, M.A., R.WELLS, and D.S. GUTHERİE, .1996 a. Cotton Response to Seasonal Pattern of Flower Removal. I. Yield and Fiber Quality. Crop Sci. 36: 633-638.
- JONES, M.A., WELLS, R. and GUTHERİE, D.S. 1996 b. Cotton Response to Seasonal Pattern of Flower Removal. II.Growth and Dry Matter Allocation. Crop Sci. 36: 639-645.
- JONES, A. And P.J. NICHOLLS, 1998. The Effect of Various (1-3) –  $\beta$ -D-Glucans on the Bronchoconstrictor Activity of Methacholine on Guinea Pig Airway Smooth Muscle –an in Vitro Study. Proceeding of the Beltwide Cotton Conf.Vol. 1: 247-251.
- JONES, M. A and SNIPES, C.E. 1999. Tolerance of Transgenic Cotton (*G. hirsutum* L.) to Topical Applications of Glyphosate. Journal of Cotton Science, 3: 19-26.
- JOSHİ, P.C., A.M. WADHWANİ and B.M. JOHRİ. 1967. Morphological and Embriyological Studies of *Gossypium* L. Proc. Nat.Enst.Sciences, India. 33: 37-39.
- KANBER, R. 1977. Çukurova Koşullarında bazı Toprak Serilerinin Kullanılabilir Nem Düzeylerinde Yapılan Sulamaların Pamuğun Verim ve Su Tüketimine Etkileri Üzerinde bir Araştırma. Toprak-su Araştırma Enst. Yayınları. Gen.Md. yayın no: 78. Rapor No. 33. s.1-169.
- KANBER, R. 1993. Çukurova Üniversitesi GAP Araştırmaları Sonuç Raporu. Şanlıurfa.
- KAKADE, S.U., PATIL, B.M.; KARUNAKAR, A.P. ; SETHI, H.N. and THAKARE, P.D. 1999.Effect of Sequential Application of Preemergence and Post Emergence Herbicides on Weeds and Yield of Cotton. Crop Res.17(2) 175-178.
- KAKANI, A. , SAHA, S. , SAPRA, V.T., ZIPT, A. and STELLY, D.M. 1999. Genetic Mechanism and Chromosomal Location of Polen- Spesific Gene (s) in *Gossypium*. Crop Sci.39: 668-673.
- KAMAL, M.E. and WALHOOD, V.T. 1972. Defoliation and Other Harvest Aid Practices. Agr. Dep. Uni. of California Davis. U.S.A s.1-34.
- KANSU, İ.A. 1995. Tarımsal Savaşımın Önemi. GAP Bölgesi Bitki Koruma Sorunları ve Çözüm önerileri Sempozyumu 27-29 Nisan. Harran Ün. Ve GAP Bölge Kalkınma İdaresi Başkanlığı.. 1-21.
- KARAATA, H. 1985. Harran Ovasında Pamuk Su Tüketimi. T.C. Tarım, Orman ve Köyişl. Bak. Şanlıurfa Araşt. Enst.Yayınları. 24:15. 1-47.
- KRADANGNGA, P. 1994. Storage Parameter Determination for Cottonseed. MSc Thesis. Mississippi State University. Mississippi State. MS. pp. 76.
- KAYAOĞLU İ, A. (1976) Adana Koşullarında Delt.15/21 Pamuk Çeşidinde Döllenme Biyolojisi ve Melezlerdeki Heterosis Üzerinde Bazı Araştırmalar. T.C. Tarım ve Köyişleri Bakanlığı Adana Pamuk Araştırma Enstitüsü Yayınları (Doktora Tezi).
- KAYGISIZ, H. 1976. Akdeniz Bölgesi Pamuklarında Zarar Yapan Beyaz Sinek (*Bemisia tabaci* genn.)'in Tanınması, Biyolojisi, Yayılış Alanları, Zararı, Konukçuları ve Mücadelesi Üzerinde Araştırmalar. T.C. Tarım Bakanlığı. Zirai Mücadele ve Karantina Genel Müdürlüğü Adana Bölge Zirai Mücadele Araştırma Enst. Yayın no: 45. s. 1-58.
- KAYHAN, C. 1986. Pamuk Ekim Alanlarında Oluşan Pulluk Tabanının Kırılmasında Etkili Alet ve Makine Yöntemlerinin Saptanması. 10. Ulusal Tarımsal Mekanizasyon Kongresi. 5-7. Mayıs, Adana, 162-169.

- KAYNAK, M. A. ; OĞLAĞCI, M. ve ÇÖLKESEN, M. Harran Ovası Koşullarında, Pamukta (G.hir.L.) Farklı Sıra Arası ve Sıra Üzeri Uzaklıklarının, Verim, Verim Unsurları ve Lif Özelliklerine Etkisi. Tarla Bitkileri Kongresi.25-29. Nisan. 1994.İzmir. Agromi Bildirileri. Cilt.I. s.214 - 217.
- KEELING, J.W. , DOTRAY, P.A. and AGERNATHY, J.R. 1996. Effects of Repeated Applications of Trifluralin and Pendimethalin on Cotton (*G. hirsutum* L.). Weed Technology, 10 (2):245-298.
- KEELING, J.W. , HENNINGER, C.G. and ABERNATTHY, J.R. 1993. Effect of DPXPE 350 on Cotton (*G. hirsutum* L.) Growth, Yield and Fiber Quality. Weed Technology, 7 (4): 930-933.
- KENNEDY, C,W, SMITH, W.C. JR. and IONES, J.E. 1986. Effect of Early Season Square Removal on the Tree Leaf Types of Cotton. Crop Science. 26.1.139-145.
- KERBY, T.A. and BUXTON, D.R. 1976. Fruiting as Affected by Leaf Type and Population Density. Proc. Beltwide Cotton Prod. Res. Conf. 5-7.Jan. p. 67-70.
- KERBY, T.A., BUXTON, D.R. and K. MATSUDA. 1980. Carbon Source-sink Relationships within Narrow-row Cotton Canopies. Crop Sci. 20: 208-218.
- KERBY, T.A. 1983. Cotton Response to Growth Regulator Pix. California. Agriculture.37(11/12) 4-5
- KERBY, T.A., GEORGE, A.G. and WEİR, B.L. 1983. Cotton Response to Growth Regulator Pix. California Agric. 37 (11 and 12): 4-5.
- KERBY, T.A. HAKE, K. and KEELEY, M. 1986. Cotton Fruiting with Mepiquat Chloride. Agronomy Jour. 78: 907 – 912.
- KERBY, T.A. , K.G. CASSMAN, and M. KEELEY, 1990. Genotypes and Plant Densities of Narrow-row Cotton: II. Leaf Area and Dry Matter Accumulation and Partioning. Crop Sci. 30: 649-653.
- KERBY, Y. and VOTH, R. 1998. Roundup Ready- Introduction Experiences. Weed Management: Transgenics and New Teknologies Panel. p.26-29. Proc. Beltwide Cotton Conf, San Diego, CA. 5-9. Jan. 1998. Memphis, TN. USA.
- KHAJEHPOUR, M. R. ; KARIMI, M. and MOUSAVI, S. F. 1988. Leaf Area Estimation of Cotton. Iranian Journal of Agricultural Sciences 19 (3-4) 53-58. (Isfahan University-Iran)
- KILLI, F. 1993. K.Maraş Yöresi Pamuk Ekim Alanlarında Görülen Bazı Tek ve Çok Yıllık Yabancıotların Bitki Sıklıklarının Belirlenmesi. Türkiye I. Herboloji Kongresi. Adana. S.157-161.
- KIM, H.L., CALHOUN, M.C.and KUHLMANN, S.W. 1993. Isomers of Gossypol in Cottonseed and Cottonseed Meal. Journal of Animal Science, 71: 30.
- KITBAMROONG, N.A 1985. Bollworm Resistance in High Tannins Cotton. Field Crops Abst. (39). 7.5276.
- KIVILCIM, N. M. 2005. Ege Bölgesinde Pamuk Tarımında Azaltılmış Toprak İşleme Yöntemleri. T.C. Tarım ve Köy İşleri Bakanlığı Tarımsal Araştırma Genel Müdürlüğü. Endüstri Bitkileri Pamuk Araştırmaları Program Değerlendirilmesi. 21-25 Mart 2005. Çukurova Tarımsal Araştırma Enstitüsü. Adana. 55-56.
- KIVRAK, G. 2005. Yoğun Havlı Sayar-314 (G.hir.L.) Çeşidi Tohumunda Farklı Doz ve Sürelerde Sülfirikasit (H SO) Uygulamalarının Hav alma (delintasyon) Oranı ve Tohum Canlılığına (Çimlenme) Etkisi. K.S.Ü. Fen Bilimleri Enst. Pamuk Eksperliği ABD. (Yüksek Lisans Tezi).

- KLAYT, V.P., RIZAEVA, S.M. and ABDULLAEV, AA. 1992. Morphological and Anatomical Feature of Polygenomic Cotton Hybrids. *Field Crops Abst.* 62 (5) 4697.
- KLIN, M.P., RAJKUMAR, S.V., TIMM, M.M., KIMLINGER, T.K., HAUG, J.L., LUST, J.A., GREIPP, P.R. and KUMAR, S. 2008. R(-)-gossypol (AT-101) Activates Programmed Cell Death in Multiple Myeloma Cells. *Experimental Hematology*, Vol. 36, p. 568-576.
- KNIGHT, R.L. and SADD, J. 1953. The Genetics of Jassid Resistance in Cotton. II. Pubescent. T611. *J. Genet.* 51: 582-585.
- KNOWLES, T.C. , HIPPI, B.W. and LANGSTON, W.C. 1996. Nitrogen Fertilizer Timing and Foliar Potassium Fertilization of Texas Blackland Cotton. *Field Crop Abst.* 49. 7. 4994.
- KNOWLTON, J. L. 1997. Evaluation of HVI Trashmeter Calibration. *Proc. Beltwide Cotton Conferences.* Vol 2: 526 - 531.
- KNOWLTON, J. L. 1999. Establishing HVI Calibration Standards. *Prod. Beltwide Cotton Conferences.* Vol 2: 1410 – 1412.
- KLOTH, R.H. 1993. New Evidence Relating the Pilose Allele and Micronaire Reading in Cotton. *Crop Sci.* 33: 683-687.
- KOHEL, R.J. 1967. Effects of Genotype and Heterozygosity of Pollen Source and Method of Application of Pollen on Seed Set and Seed and Fiber Development in Cotton. *Agronomy J.* 293- 296.
- KOINOV, G. and DUSHEV, E. 1977. Investigation of the Ability of Cotton to Recover After Damage. *Cotton and Tropical Fibres.* Abst. 20:109.
- KOSKINEN, W.C., OLIVER, J.E., KEARNEY, P.C. and MC WORTHER, C.G. 1984. Effect of Trifluralin Soil Metabolites on Cotton Growth and Yield. *Journal of Agricultural and Food Chemistry*, 32 (6) 1246-1248.
- KOINOV, G. and DUSHEV, E. 1977. Investigation of the Ability of Cotton to Recover After Damage. *Cotton and Tropical Fibres Abst.* 20:109.
- KRAMI, E. and J.B. WEAVER, Jr. 1972. Growth Analysis of American Upland Cotton, G.hir.L., with different leaf shapes and colors. *Crop Sci.* 12 : 317-320.
- KRIEG, D.R. and BARLEE, S.N. 1975. Cottonseed Density Associated Germination and Seedling Emergence Properties. *Agr. Jour.* 67. p.343-347.
- KUBDE, K.J., and LAKHDIVE, B.A. 1996. Effect of Nitrogen, Phosphorus and Spacing on Yield, Quality and Nutrient Uptake of Hirsutum Cotton. *Field Crop Abst.* 49. 1. 483.
- KULSHRESHTHA, A.K. , PATEL, K.F. , PATEL, A.R. , PATEL, M.M. and BADDI, N.T. 1973. The Fine Structure and Mechanical Properties of Cotton Fibers at Various Stages of Growth. *Cell. Chem, Technol.* 7,307-314.
- KOLTUNOV, A. , R. A. BICKNELL, and A. M. CHAUDHURY. 1995. Apomixis: Molecular Strategies for the Generation of Genetically Identical Seeds without Fertilization. *Plant Physiol.* 108: 1345-1352.
- KUZNETSOV, V.V. , RAKITIN, V.Y. , BORISOVA, N.N. and ROSHCHUPKIN, B.V. 1993. Why Does Heat Shock Increase Salt Resistance in Cotton Plants. *Plant Physiol. and Biochemistry.* 31 (2) 181-188.
- KUZNETSOV, V.V. , RAKITIN, V.Y. , BORISOVA, N.N. and ROSHCHUPKIN, B.V. 1994. Why Does Heat Shock Increase Salt Resistance in Cotton Plants. *Field Crop Abst.* 47:3:1761.

- LACA-BUENDIA, J.P. and PIREZ, G.A.D. 1992. Evaluation of the Efficiency of the Control of Gramineous Weeds by the Herbicide Clethodium in a Herbaceous Cotton Crop (*G.hir.var.latifolium* Hutch.). Field crop Abst.1994.3819.483.
- LADYMAN, J.A.R. and TAYLOR, R.E. 1988. P and HNMR AS A NON-Destructive Method for measuring Polen Viability. Sexual Reproduction İn Higher Plants. Springer, Berlin Heidelberg new York, pp. 69-74.
- LAIRD, J.W. and BARKER, G.L. 1995. Time, Temperature and Moisture Level Relationships for Cotton Drying Processes. The Proceedings of Beltwide Cotton Conf. pp. 694-699.
- LAIRD, J.W. and BARKER, G.L. 1996. Cotton Gin Drying Time Relationships. Proceedings of Beltwide Cotton Conf. 2: 1590-1597.
- LANDIVAR, J.A. , COTHREN, J.T. and LIVINGSTON, S. 1996. Development and Evaluation of Average Five Internode Lenth Technique to Determine Time of Mepiquat Chloride Application. Proceedings Beltwide Cotton Conference. Vol 2: 1153-1156.
- LAWSON, H. M.M. and HSIEH, Y.L. 2000. Characterizing the Non Sellulosics in Developing Cotton Fibers. Textile Res. J. 70 (9), 810-819.
- LEE, J.A. 1966. Genetics of the Smooth Stem Character in *G. hirsutum* L.. Crop Science . 6:497-498.
- LEE, J.A. 1968. Genetical Studies, Concerning the Distribution of Trichomes on the Leaves of *G.hir.L.*. Genetics: 467-575.
- LEE, J.A. 1984. COTTON. American Soc. of Agronomy, Madison, Wisconsin (ed: R.J.KOHEL and LEWIS, C.F.). Agronomy no:24: p.1-25.
- LEE, J.A. 1985 a . Genetical Studies Concerning the Distribution of Trichomes on the Leaves of *Gossypium hirsutum* L. Crop Research Division, Agricultural Research Service, U.S. Department of Agriculture.
- LEE, J.A. 1985 b. Effect of two Pilosity Allelels on Agronomic and Fiber Traits in Upland Cotton. Crop Sci. 14: 127-130.
- LEE, K.J. and DABROWSKI, K. 2002. High Performance Liquid Chromatographic Determination of Gossypol and Gossypolone Enantiomers in Fish Tissues Using Simultaneous Electrochemical and Ultraviolet Detectors. Journal of Chromatography B, Vol. 779, p. 313-319.
- LEGE, K.E., SMITH, C.W. and COTHREN, J.T. 1993. Planting Date and Plant Density Effects on Condensed Tannin Concentration of Cotton. Crop Sci. 33: 320-324.
- LEFFLER, H.L. 1976 a. Development of Cotton Fruit.I. Accumulation and Distribution of Dry Matter. Agr. Journ. 68: 855-857.
- LEFFLER, H.L. and TUBERTINI, B.S. 1976. Development of Cotton Fruit.II. Accumulation and Distribution of Mineral Nutrients. Agr. Jour. 68:858—861.
- LEFFLER, H.R. and WILLIAMS, R.D. 1983. Seed Density Classification Influence Germination and Seedling Growth of Cotton. Crop Sc. 23 (1). 161-165.
- LEFFLER, H.R. and HUNTER, J.H. 1985. Reproductive Development and Seed Quality of Cotton Cultivars as Affected by Nitrogen Fertilization. Field Crop Res. 10.(3). 219-228.
- LEWIS, C.F. and RICHMOND, T.R. 1968. Advances in Production and Utilization of Quality Cotton; Principles and Practices.Ed. F.C. Elliot; M. Hoover, and W.K. Porter. IOWA State Univ.Press. Ames. IOWA. Pp. 1-21.



- LI, C. , XU, C. , and CHENG, P. 1996. A Study on the Yield Increasing Effect of Multiple Trace Element Fertilizer Containing Chelated Aminoacids Applied Cotton. *China Cottons*. 23(9). 12-13.
- LI, L., LI, W. and MA, Z. 1999. Effects of Choline Chloride on Growth and Some Physiological Characters of Cotton Seedlings. *Plant Physiology Comm*. 35 (1). 18 - 20.
- LI, Y. And HARDIN, I.R. 1998. Treating Cotton with Cellulases and Pectinases: Effects on Cuticle and Fiber Properties. *Textile Res. J*. 671-679.
- LI, Z.D. and OOSTERHUIS, D. 1999. Physiological, Growth and Yield Responses of Cotton to Meplus and Mepiquat Chloride. *Proceedings Beltwide Cotton Conference*. Vol: 1. 599-602.
- LIKHITKAR, V.S. and TARAR, J.L. 1995. Effect of Presoaking Seed Treatment with Muscorum Extracts on Cotton. *Annals of Plant Phys*. 9(2):113-116.
- LİPE, J.A., MORGAN, P.W. 1973 a. Ethylene A Regulator of Young Fruit Abscission. *Plant Phy*. 51:pp. 949-953.
- LİPE, J.A. and MORGAN, P.W. 1973 b. Rule of Fruit Abscission and Dehincense Procees, *Cotton Grow. Rew. Field Crop*. pp. 280. No.100. 3.
- LIU, C.Z. , CHEN, F.X. , MA, C.Z. and YAO, F.Y. 1991. Artificial Germination of Gossypium Polen and its Utilization in Interspecific Fertilization in vitro. *Acta Botanica Sinica* 33 (7): 523-528.
- LIU, K. , ZHANG, T.Z. and JIAJU, P. 1998. Peroxidase and IAA Oxidase Activities During Fibre İnitiation in Upland Cotton. *Plant Physioly Communication*.34 (3).175177.
- LIU, K. , JING, S. , ZHANG, T. , PAN, J. and KOHEL, R.J. 1999. Effects of Endogenous and Exogenous Phytohormormone on Fibre Initiation on Ovules from a Fuzzless-lintless Mutant vs its Isogenic Wild Teype Line in Upland Cotton. *Acta Gossypii Sinica* 11: (1): 48-56.
- LİVİNGSTON, S.D. ; ANDERSON, D.J. and COWAN, B.F. 1992. Effect of Propel on two Varieties of Cotton Grown in South Texas. In *Proceedings Beltwide Cotton Conference*. Vol:3.1053-1054.
- LİVİNGSTON, S.D. ; ANDERSON, D.J. ; WİLDE, L.B., Jr. and HİCKEY, J.A. 1992. Use of Foliar Applications of Pix PRGIV and PCHA in Low Rate Multiple Application for Cotton Improvement Under Irrigated and Dryland Conditions. *Proceedings Beltwide Cotton Conference*. Vol:3.1055-1059.
- LEELLYN, D. and FİLT, G. 1976. Polen Dispersal from two Field Trials of Transgenic Cotton in Namoi Valley, Australia. *Molecular Breeding*.2: 157-166.
- LOCKE, D. , LANDİVAR, J.A. and MOSELEY, D. 1995. The Effects of Rate and Timing of Glsyphosate Applications on Defoliation Efficiency, Regrowth Inhibition, Lint Yield, Fiber Quality and Seed Quality. *National Cotton Council*, January, 4-7. Vol 2: 1088-1090, Texas, USA.
- LODOS, N. 1983. Türkiye Entomolojisi I. Genel, Uygulamalı ve Faunistik. *Ege Üniv. Zir.fak. Yayın no*: 202. 1-300.
- LONGER, D.E. and, OOSTERHUIS, D.M., 1999. Cotton Regrowth and Recovery from Early Season Leaf Loss. *Environment and Experimental Botany*. 41(1) 67-73.
- LUCKETT, K., CATHEY, G. and RAYBURN, S.T. 1981. Harvest Yield and Fiber Result From Plants Treated With Boll Opening Stimulants. *Beltwide Cott. Prod. Res. Conf. s*. 253.

- LUKEFAHR., M. J. 1977. Varietal Resistance in Cotton Insects. Proc. Beltwide Cotton Prod. Res. Conf. National Cotton Council of America, Memphis, TN. pp. 236-237.
- LUO, P. , WANG, Y.H. , WANG, G. D. , ESSENBERG, M. and CHEN, X.Y. 2001. Molecular Cloning and Functional Identification of (+)-cadinene-8-hydroxylase, a Cytochrome P450 mono-oxygenase (CYP706B1) of Cotton Sesquiterpene Biosynthesis. *The Plant Journal*, Vol. 28 (1), p. 95-104.
- LUSAS, E.W. and LIVIDIN, G.M. 1987. Glandless Cottonseed: A Review of the First 25 Years of Processing and Utilization Research. *J. Am. Oil. Chem.* Vol. 64, p. 839-854.
- LYENGAR N. K. 1938. Polen-tube Studies in *Gossypium*. *J. Genet.* 17, 69-106.
- MADIWALAR, S.L. and PRBABHAKAR, A.S. 1998. Effect of Method of Sowing and Weed Management Treatments on Growth and Yield of Hybrid Cotton in Hill Zone. *Karnataka Journal of Agricultural Sciences*, 11(1):8-11.
- MAHESHWARĪ, P. 1950. *An Introduction to the Embryology of the Angiosperms.* McGraw-Hill, New York.
- MAHGOUB, M.A. , YOUSEH, A.E.M. , HEGAB, A.A.T. and AHMET, M.S. 1989. Effect of Chemical Defoliation on Yield, Cotton Grade Components, Fiber and Yarn Quality in Egyptian Cotton Cultivars. *Field Crop Abst.* 42: 6: 4605.
- MAHONEY, N.E. and CHAN, B.G. 1985. High Performance Liquid Chromatographic Analysis of Terpene Aldehydes in Cotton. *Journal of Chromatography*, Vol. 329, p. 91-98.
- MAKUS, D. J. 1997. Effects of an Anti-Transpirant on Cotton Grown Under Conventional and Conservation Tillage Systems. In *Prod. Beltwide Conf.*, New Orleans, LA, USA, Jan. 6-10. Vol. I. Memphis.p. 642-644.
- MAKUS, D.J. 2000. Cotton Performing as Affected by Particle Film and Mycorrhizae Treatments. *Proceedings of the Beltwide Cotton Con.* Vol:1: 703-706.
- MALEWAR, G.U. , SYED, I.I. and INDULKAR, B.S. 1994. Effect of Phosphorus With and Boron on The Yield and Uptake of Boron and Phosphorus in Cotton-Graundnut Cropping Sequence. *Field Crop Abst.* 47. 7. 4553.
- MALĪK, M.N.A. , MAKHDUM, M.Z. and CHAUDRY. F.I. 1994. Influence of Phosphorus Fertilization on Crop Growth, seed Cotton Yield and Fibre Quality. *Field Crop Abst.* 47. 3. 1745.
- MALM, N.R., SMĪTH, F. and ROBERTS, C.L. 1988. Response of Pima Cotton to Prep and Prep+Folex Treatments for Once-Over Harvest. In *Proceedings, Beltwide Cotton Conf.* 3-8. Jan. 68-69.
- MAMEDOV, K. , SHAMAEVA, N.N. and RUSTAMOVA, B.YU. 1992. Genetic Effect of Some Pesticides on Fine Fibred Cotton. *Plant Breeding Abst.* Vol: 62. No. 8. 5586.
- MANGILARDI, G.J. Jr. BARGERON, J.D. and RAYBORN, S.T. Jr. 1987. Gin Stand Feed Rate Effects on Quality. *ASAE.* : 87: 6049.
- MARIEN J. N. 1988. Breeding for Frost Resistance in Eucalyptus Using Polen Selection: Screening on Viability Using Flow Cytometry. In: *Sexual Reproduction in Higher Plants*, pp. 51-55 Eds M. Cresti, P. Gor & E. Pacini. Berlin Heidelberg New York: Springer.
- MATOCHA, J. G. and VACEK, S. G. 1998. Influence of Crop Rotations Tillage and Nitrogen Fertility on Cotton Yields. *Proceedings Beltwide Cotton Conferences*, San Diego, California, USA, 5-9 January 1998. Vol. I. Memphis, USA; National Cotton Council. 626.

- MAUNEY, J.R. and BALL, E. 1959. The Axillary Buds of *Gossypium*. Bull. Torrey Bot. Club. 86 (2) : 236-244.
- MAUNEY, J.R. and PHILLIPS, L. L. 1963. Influence of Daylight and Night Temperature on Flowering of *Gossypium*. Bot. Gaz. 124: 278 – 283.
- MAUNEY, J.R. 1979-1980. Production of Fruiting Points. Proc. Beltwide cotton Prod. Res. Conf. 256-261.
- MAYEUX, J.V, and KAUTZ, J.1992. Cotton Response to Foliar Applications of the Fruiting Hormone Cytokinin(R): a Four Year Study. Proceedings Beltwide Cotton Conferencies:Vol.3.1057-1058.
- McARTHUR, J.A. , J.D. HESKETH, and D.N. BAKER. 1975. Cotton. In "Crop Physiology, Some Case Histories",ed. L.T. Evans. pp. 297-325, Cambridge Üniv. Pres.
- Mc CONNEL, J. S. ; BAKER, W. H. ; ROTHROCK, C. S. and FRİZELİ, B. S. 1998. Cotton Yield Response to Reduced Tillage and Cover Crops. Field Crop Abst. Vol. 51. No.5. 3495.
- Mc CARTY, J.C. , HEDIN, P.A. and STIPANOVIC, R.D. 1996. Cotton *Gossypium* spp. Plant Gossypol Contents of Selected GL and GL Allels. J. Agric. Food Chem. Vol. 44, p. 613-616.
- MC MEANS. L., WALHOOD, V.T.and CARTER, L.M. 1966. Effect of Green Pick, Defoliation and Desiccation Practices on Quality and Yield of Cotton (*G. hirsutum* L.) Agronomy J. 56 (1): 91-94.
- McMICHAEL, S.C. 1960. Combined Effects of Glandless Genes *gl* and *gl* on Pigment Glands in the Cotton Plant. Agr. J. Vol. 52, p. 385-386.
- McMICHAEL, B.L. and R.D.POWEL, 1971. Effect of Temperature Regimes on Flowering and Boll Development in Cotton. Cott. Gr. Rev. 48: 125-130.
- Mc MİCHAEL, B.L. 1973. Abscission Processes in Cotton. Agr. Jour. Vol. 1. 65. 202-204.
- McMICHAEL, B.L. and HESKETH, J.D. 1982. Field Investigations of the Response of Cotton to Water Deficits. Field Crops Res. 5:319-333.
- McMICHAEL, B.L. ; JORDAN, W.R. ; QUISENBERRY, J.E. and DİLBECK, R.E. 1984. Leaf Production and Growth Rates of Exotic Cotton. Agr. Jour. 76: 901-905.
- MEHETRE, S.S. , TENDÜLKAR, A.V. , RANSİNG, S.K. and DARADE, R.S. 1993. Effects of Defoliants on Yield and Maturity of *G.hir*. Cotton Under Summer Irrigated Conditioning. Journal of Cotton Res. and Development. 7 (1). 80-82.
- MEREDITH, W.R. Jr. 1975. Nectariless Cottons Influence. Beltwide Cotton Conferences. pp. 34-37.
- MEREDITH, W.R. , HANNY, Jr. B.W. and BEILEY, J.C. 1979. Genetic Variability Among Glandless Cottons for Resistance to Two Insects. Crop. Sci. 19: 5, p. 330-335.
- MEREDITH, W.R. Jr. 1984. Influence of Leaf Morphology on Lint Yield of Cotton-Enhancement by the sub Okra Trait. Crop Science Vol: 24: 855-858.
- MEREDITH, W.R. Jr., PETTIGREW, and HEİTHHOLT, J.J. 1996. Sub-okra, Semi-Smoothness, and Nectariless Effect on Cotton Lint Yield. Crop Sci. 36: 22-25.
- MERGEAI, G. , VROH Bİ, I. , YARDIN, P.D. and BAUDOIN, J.P. 1995. Introgression of Glanded Plant and Glandless-Seed Trait from *G.sturtianum* Willis into Tetraploid Cotton Plants. Proc. Beltwide Cotton Improvement Conf. 6-7 January 1995, p. 513-514.
- METZER, R.B. 1973. Characteristics of West Texas Cotton Genetics. Texas Agric.Ext. Misc. Publication no.21p.

- METZGER, R.B. 1987. Seed Vigor Index-Field Emergence Relationship. Beltwide Cotton Prod. Res. Conf. pp. 130-131.
- MEYER, R. 1957. Origin and Inheritance of Dmoothness in Upland Cotton. *J. Hered.*48: 249-250.
- MEYER, V.G. 1969. Some Effects of Genes, Cytoplasm, and Environment on Male Sterility of Cotton (*Gossypium*). *Crop Sci.* Vol. 9. 237-241.
- MEYER V. G. 1973. A Study of Reciprocal Hybrids between Upland Cotton (*G.hir.L.*) and Experimental Lines with Cytoplasm From seven Other Species. *Miller, F.R.* . 13, 439-443.
- MEYER, R. , VORSTER, S. and DUBERY, I.A. 2004. Identification and Quantification of Gossypol in Cotton by Using Packed Microtips Columns in Combination with HPLC. *Analytical and Bioanalytical Chemistry*, Vol. 380 (4), p. 719-724.
- MICINSKI, S., CALDWELL, W.D., FITZPATRICK, B.J., GRIFFIN, R.C.1992. First Louisiana Field Trial Insect-Resistance Transgenic Cotton. *Louisiana Agriculture* 35 (5) 8- 10.
- MOFFETT, J.O. , L.S. STITH ; C.C. BURKHART, and C.W.SHIPMAN, 1976 . Nectar Secretation in Cotton Flowers and its Relation to Floral Visits by Honey bees. *Am.Bee J.*116:32- 36.
- MOFFETT, J.O. , H.B. COBB, and D.R. RUMMEL. 1980. Bees of Potential Value as Pollinators. In the Production of Hybrid Cottonseed on the High Plains of Texas. *Proc. Beltwide Cotton Prod. Res. Conf.* 268-270.
- MOON, D. O. , M. O. KIM , J. D. LEE and G. Y. KIM, (2008). Gossypol Suppresses nf-kb Activity and nf-kb-Related Gene Expression in Human Leukemia 937 Cells. *Cancer Letters* 264: 192-200.
- MOORE, S. H. 1996. Performance of Cotton in Conventional and Reduced Tillage Systems. *Proceeding Beltwide Cotton Conferences*, Nashville, TN, USA, January 9-12. Vol. 2. p. 591-592.
- MOORE, V.P. and SHAW, C.S. 1967. Mechanical Damage to Cotton seed-Ginning Effects. *The Cotton Gin and Oil Mill.Press.* 68(5): 10-11,14 and 15.
- MORAGHAN, B.J. ; HESKETH, J. and LOW, A. 1968. Effects of Temperature and Photoperiod on Floral Initiation Among Strains of Cotton. *Cotton Grow. Rev.* 45: 91-100.
- MORRIS, D.A. 1965. Photosynthesis by the Capsule Wall and Bracteoles of the Cotton Plants. *Emp. Grow. Rev.*17:1: 49-51.
- MORROW, M.R. and D.R. KRIG, 1990. Cotton Management Strategies for a Short Growing Season Environment: Water-Nitrogen Considerations. *Agr. Jour.* 82: 52-56.
- MULCAHY D. L. , MULCAHY G. B. , POPP R. , FONG N. , PALLIAS N. , KALINOWSKĀ, A. and MARIEN J. N. 1988. Polen Selection for Stres Tolerance or the Advantage of Selecting Before Pollination. In: *Sexual Reproduction in Higher Plants*, pp. 43-50 Eds M. Cresti, P. Gor & E. Pacini. Berlin Heidelberg, New York: Springer.
- MULLINS, G.I. and BURMESTER, C.H. 1990. Dry Matter, Nitrogen, Phosphorus, and Potassium Accumulation by Four Cotton Varieties. *Agr. Jour.* 82 : 729-736.
- MULLINS, G.I., SCHWAP, G.J., and BURMESTER, C.H. 1997. Growth and Nutrient Uptake by Cotton Roots Under Field Conditions. *Proceeding Beltwide Cotton Conferences* p.575.
- MUNK, D. , WEIR, B.; WRIGTH, S.; VARGAS, R.; MUNIER, D.1998.Pima Cotton Growth and Yield Responses to Mepiquat Chloride (PIX). *Field Crop Abst.*Vol:51. No.11. 3511.

- MUNRO, J.M. 1971. An Analysis of Earliness in Cotton. Cotton Growing Rev. 48: 28-41.
- MULROONEY, J.E. ; MC CARTY, J.C. Jr. and SHEPHERD, R.L. 1989. Relationship Between Gossypoll Gland Density on Cotton Squares and Resistance to Tobacco budworm Lepidoptera: Noctuidae) Larvae. Journal of Economic Entomology 82 (2) 589-592.
- MURAMOTO, H. ; HESKETH, J. and EL-SHARKAWY, M. 1965. Relationships Among Rate of Leaf Area Development, Photosynthetic Rate, and Rate of Dry Matter Production Among American Cultivated Cottons and Other species. Crop Sci. 5: 163-166.
- MURTHI, A. N. and J.B. WEAVER Jr. 1974. Histological Studies on Five Male Sterile Strains of Upland Cotton. Crop Sci. 14: 658-663.
- NAGABHUSHANA, G.G. , NAGAOUDAR, B.S. , MANGUNALHA, M. and THIMMARAH, G. 1992. Effect of Seed Size on Germination and Seedling vigor of Cotton (G.h.r.L.). Field Crop Abst. 6034.p.772.
- NANOV, A. , MELAMED MADJER, V. and ZUR M. 1991. Effects of a Primitive Cotton Accession in Feeding of *Spodoptera littoralis* and *Heliocoverpa armigera* and on Oviposition of *B. tabaci* Genn Phytoparasitica 19 (2) 143-147.
- NAVEED, M. , ATTIQUE, M.R. and RAFIQUE, M. 1995. Role of Leaf Hair of Different Cotton Varieties on the Population Development of Cotton Aphid (*Aphis gossypii* Glover). Pakistan Journal of Zoology 27: 3: 277-278.
- NEHRA, O.P. ; PAHUJA, S.S. and MADAN, V.K. 1993. Effect of Various Causes of Malformation on Fiber Quality of Hirsutum Cotton. Journal of Cotton Research and Development. 7(1) 88-94.
- NOVICK, R.G. , JONES, J.E. , ANTHONY, W.S. , AGUILLARD, W. and DICKSON, J.I. 1991. Genetics Trait Effects on non-Lint Trash of Cotton. Crop Sci. 31: 1029-1034.
- OĞLAKÇI, M. , YAĞMUR, M. , KAYA, M.A. , ALKAŞ, I. , AŞICI, I. 1983 a. Pamukta Makine ve Elle Toplama Metodlarının Verim, Kalite ve Toplama Zayıyatı Yönünden Karşılaştırılması. Tarım ve Köyişleri Bak. Pamuk Araştırma Rap. 1. 77-87.
- OĞLAKCI, M. , YAĞMUR, M., ALKAŞ, İ., KAYA, M.A. ve AŞICI, L. 1983 b. Azot ve Su Faktörlerinin Pamuk Verimi, Kalitesi ve Beyaz Sinek (*Bemisia tabaci*) Populasyonu Üzerine Etkisi. Tarım ve Köyişleri Bak. Pamuk Araştırma Dergisi. No. 1. 58 - 69.
- OĞLAKÇI, M. 1987. Pamukta Yaprak Döktürmenin Verim ve Kalite Unsurlarına Etkisi üzerine Bir Araştırma. Ç.Ü. Fen Bilimleri Entitüsü (Doktora Tezi).
- OĞLAKÇI, M. ve GENÇER, O. 1992. İlk Gelişme Devresinde Yaprak Kotiledon ve Tepe Tomurcuğu Zararlandırmalarının Pamuğun (*G. hirsutum* L.) Verim ve Kalite Unsurlarına Etkisi Üzerinde Bir Araştırma. D.Ü. Ziraat Fakültesi Dergisi 3 (3) s. 1-11.
- OĞLAKÇI, M. 1992 b. Pamuk Bitkisinde Yaprak Döktürme ve Dökülme Fizyolojisi. Haran Üniv. Ziraat Fak. Dergisi, 3(4): 84-85.
- OĞLAKÇI, M. ve ÇOPUR, O. 1995. Pamuğun Yapısal ve Kimyasal Özelliklerinin Böceklerle Dayanıklılık İle İlişkisi. GAP Bölgesi Bitki Koruma Sorunları ve Çözüm Önerileri Sempozyumu, 27-29 Nisan 1995, s: 405-421.
- OĞLAKÇI, M. ; S. YOLCU, and YÜCEL A. 1995. A. Research on the Percentage of Natural Cross Pollination in Cotton (*Gossypium hirsutum* L.) and Pollinators in Harran Region Conditions. FAO. Proceedings. Joint Meeting of Working Groups. Adana - Turkey. Sebtember 18-24. 1995. 50-52

- OĞLAĞÇI, M. 2003. Tohumluk Teknolojisi ve Sertifikasyonu. KSÜ. Rektörlüğü Ders Kitapları.no:16: s.79-81.
- OĞLAĞÇI, M., BÖLEK, Y ve ÇOPUR, O. 2007. Pamukta Hasat, Depolama ve Çırcırlama. Ş.Urfa Ticaret Borsası Yayınları. No:3. 1-98.
- OLIVERA, F.A. , CAMPOS, T.G.S. and OLIVERA, B.C. 1999. Effect of Saline Subtract on Germination, Vigor and Growth of Herbaceous Cotton. Field Crop Abst. 52:11, 8505.
- OLCOTT, H.S. and T.D. FONTAİNE. 1941. The Absence of Lipase in Cottonseed. Oil and Soap. 18:123-124.
- OLSZYK, D. , BYTNEROUIC, A. , KATS, G. , REAGAN, C. , HAKE, S. , KERBY, T. , MILLHOUSE, D. , ROBERTS, B. , ANDERSON, C. and LEE, H. 1993. Cotton Yield Losses and Ambient Ozone Concentrations in California's San Joaquin Valley. Journal of Environmental Quality. 22(3): 602-611.
- OLVEY, J.M. , W.D. FISHER, and L.L. PATERSON, 1981. TD-1123 ; A Selection Male Gametocide. Proc. Beltwide Cotton Conferences. P.84.
- OOSTERHUIS, D.M. 1977. Canopy Modification. P.38-40. In annual Report 1975-76. Cotton Res. Inst., Gatooma dep. Res. and Specialist Serv. Gov. Printer, Gatooma, Zimbabwe.
- OOSTERHUIS, D.M. and URWILER, M.J. 1986. Cotton Main-Stem Leaves in Relation to Vegetative Development and Yield. Agronomy Journal 80. 65-67.
- OOSTERHUIS, D.M., HAMPTON, R.E.and WULLSCLEGER, S.D. 1991. Water Deficit Effects on Cotton Leaf Cuticle and Efficiency of Defoliant. Journal of Production Agriculture. 4:260-265.
- OOSTHERİUS, D. and STEGER, A. 1999. Effect of Foliar-applied CoRoN and Urea on Phytotoxicity and Yield of Yield of Cotton. Field Crop Crop Abst. 6882.
- OOSTHERİUS, D. M.; ZHAO D. and MURPHY, B. 1999. Physiological and Yield Responses of Cotton MepPlus and Mepiquat chloride. Proceeding Beltwide Cotton Conferences. 1422-1424.
- OOSTHERİUS, D. M. ; S.K GOMEZ, and C.R.MECK. 2000. Effect of Coron Slow Release Foliar Fertilizer on Cotton Growth and Yield. Proceeding Beltwide Cotton Conferences. Vol: I. 712-714.
- OSBORNE, D.J. 1974. Hormones and the Shedding of Leaves and Bolls. Cotton. Grow. Rev., 51:256-265.
- ORTAYLI, İ. 2005. İmparatorluğun En Uzun Yılları. Timaş Yayınları .s. 1-333.
- ÖKTEM, M. O. ve EYLEN;M., 1986. Tarsus Ovasında Sert Tabaka Kırılmasının Pamuk Verimine Etkisi. Tarsus Araşt. Enst. Yayınları. No: 127. s. 1-30.
- ÖKTEM, M. O. ; ERŞAN, K.; EYLEN;M. ve ERYILMAZ,M. 1992. Kahramanmaraş Ovasında Riper Çekilerek Toprak Gevşetmenin Pamuk Verimine Etkisi. Tarsus Araşt. Enst. Yayınları. No: 179. s.1-48.
- ÖYEKÇİN, C.1977. Ege Bölgesi Koşullarında Standart Pamuk Çeşitlerinin Yabancı Tozlaşma Durumu üzerinde Araştırmalar. T.C.Nazilli Bölge Pamuk Araştırma Enstitüsü Yayın No. 18. 1-199.
- ÖZAKINCI, C. 2005. Türkiye'nin Siyasi İntiharı; Yeni Osmanlı Tuzağı. Otopsi Yayınları.1-400.
- ÖZCAN, S. 2011. Genetiği Değiştirilmiş Bitkiler ve Sosyo-Ekonomik Etkileri. Uluslararası Katılımlı I.Ali Numan Kıraç Tarım Kongresi ve Fuarı. Nisan 27-30.2011. Es-kişehir-Türkiye.

- ÖZER, M.S. ve DAĞDEVİREN, İ. 1986. Harran Ovası Koşullarında Pamuğun Azotlu Gübre İsteği. Tarım ve Köy İşleri Bak. Köy Hizmetleri Şanlıurfa Araşt. Ens. Md. Yayın. No. 25-17.
- ÖZGÜR, F. 1987. Endüstri Bitkileri Zararlıları. Ç.Ü. Ziraat Fakültesi Ders Notlan. No: 2 Adana s. 1- 149.
- PALOMO, A. ,and DAVİS, D.D. 1982. Response of an Interspecific Cotton Hybrid to Nitrogen Fertilization. Crop Sci. 72- 75.
- PANDRANGİ, R.B. , WANKHADE, S.G. and KEDAR, G.S. 1994. Response of Cotton (*G. hir. L.*) to N and P Grown Under Rainfed Conditions. Field Crop Abst. 47. 3. 1749.
- PANWAR, R.S and MALIK, R. K. 1991. Competition and Control of Weeds in Cotton. Haryana Agr. Univ. Journal of Research 21(3)226-234.
- PANWAR, R.S and MALIK, R.K. 1992. Influence of Depth of Fluchloralin Incorporaiton on Weed Control in Cotton (*G. hirsutum L.*). Haryana Agriculture University Journal of Research, 22 (2): 99-100.
- PANWAR, RS. , MALIK, R.K. , RATHEE, S.S. and MALIK, R.S. 1994. Effect of Trufuralin and Pendimethialin on Weed Control in Cotton. Field Crop Abstract, 5254, p.671.
- PANWAR, R.S. ; MALIK, R.K. and RATH, S.S. 1995 Influence of Tank Mixture of Herbicides on Weed Control in Upland Cotton (*G.hir.L.*). Indian Journal of Agronomy.40(2) 347-348.
- PARIKH, J.R. 1996. Bractless Cotton For Prevention of Byssinosis. The Proceedings Beltwide Cotton Production Res. Conf. Vol: 1: 374-374.
- PARROT, W.L. ; JENKİNS, J.N. and McCARTY , J.C. 1990. Commercial Cotton Varieties: How They Relate to Pest Management. Proceedings Beltwide Cotton Production Res. Conf. 9-14. Jan. p. 607-610.
- PATEL, J.K. 1983. Response of Rainfed Upland Cotton (*G.hir.L.*) to Triacental and Naphtalane acetic acid Sprays. Indian Journal of Agr. 38(1) p.97-101.
- PATTERSON, I. I. and D.R. BUXTON, and R.E. BRIGGS. 1978. Fruiting in Cotton as Affected by Controlled Boll Set. Argon. J. 70: 118-122.
- PATTERSON, M.G. ;GOODMAN, W.R. and NORRIS, V.E. 1999. Herbicide, Cultivation Combination Proves Best for Cotton Weed Control. F. Crop. Abst.1186.p.151.
- PAULY, G. 1979. Les Gianddes à Pigment du Cotonnier Aspect Génétique et Sélection dé Variétés Glandless et High Gossypol. Cotton Fibres Trop. Vol. 34, p. 380- 401.
- PEACOCK, H. A. and HAWKİNS B.S. 1971. Inheritance of Resistance Science. 11. 4. 561-563.
- PEARSON, N.L. 1949. Mote Types in Cotton and Their Occurence as Related to Variety, Environment, Position in Lock Size and Number of Locks per Boll. Tech. Bull.100. USDA. Washington,D.C.
- PECHAN, P.M. and P. SYMKAL, 2001. Androgenesis: Affecting the Fate of the Male Gametophyte. Physiologia Plantarum 111: 1-8.
- PEOPLES, T.R. and MATTHEWS, R 1981 Influence of Boll Removal on Assimilate Partitioning in Cotton. Crop Sci.p.283-286.
- PERKİNS, H.H.Jr, 1971. Some Observations on Sticky Cotton. Textile ind. 135 (4), 49- 64.
- PETTIGREW, W.T. , J.J. HEİLHOLT, and W.R. MEREDİTH, Jr. 1992. Early Season Floral Bud removal and Cotton Growth, Yield, and Fiber Quality. Agronomy J. 84: 209-214.

- PETTIGREW, W.T. 1994. Source-to-Sink Manipulation. Effects On Cotton Fiber Quality. Agr. Jour. 87 (5). 947-952.
- PERCIVAL, A.E. and KOHEL, R. J. 1992. Cotton, Distribution, Collection, and Evaluation of *Gossypium*. Advances in Agronomy. Ed. Kohel, R.J. and Levis, C.F. Madison. Wisconsin. Vol.44. pp.226-255.
- PERCIVAL, A.E. ; WENDEL, J.E. and STEWART, J.M. 1999. Taxonomy and Germplasm Researches, Cotton Orijin, History, Technology and Production. Ed. C.W. Smith and J.T. Cothren. Wiley series in Crop Sci. John Wiley and Sons. Inc. pp.33-63
- PERCY, R.G., CALHOUN, M.C. and KIM, H.L. 1996. Seed *Gossypol* Variation with in *G. barbadense* L., Crop Sci., Vol. 36, p. 193-197.
- PHIPPS, B.J. ; STEVENS, W.E.; MOBLEY, J.B. and WORD, J.N. 1996. Effect of Nitrogen Level and MCC(Pix) Upon Maturity. Proceedings Beltwide Cotton Conf. Jan.9-12. Vol:2.1211-1212.
- PHIPPS, B. J. ; A. S. PHILLIPS and B. J. TANER, 2001. Evaluation of Tillage Methods and Deep Plowing. Proceedings of the Beltwide Cotton Conferences. Vol. 1; 456-458.
- PHILLIPS, S.A.Jr. and SIMPSON, L. 1989. Hybrid Cotton Pollination in Relation to Accumulated Degree Days. Agronomy Jour. 81: 975-980.
- PHIPPS, B.J., STEVENS, W.E., MOBLEY, J.B. and WARD, J.N. 1996. Effect of Nitrogen Level and MC (Pix) Upon Maturity. The Proceedings Beltwide Cotton Conf. Vol. 2. pp. 1211-1212.
- PITTMAN, V., ABAYG, O., HERBERT, A., OOSTERHIUS, D. 2000. Compensation of Cotton to Square and Boll Removal with Different Varieties and Planting Date. The Proceeding of the Beltwide Cotton Conferences. Vol:2. 955.
- PITTS, J.R. 1997. Preemergence and Postemergence Weed Control in West Texas with 'Staple' Herbicide. F.Crop.Abst.3352.p.455.
- POORE, M. and ROGERS, G.M. 1995. Potential for *Gossypol* Toxicity When Feeding Whole Cottonseed. Animal Husbandry Newsletter, USA.
- POTIKHA, S. T. , COLLINS, C.C. , JOHNSON, I.D., DELMER, D.P. and LEVINE A. 1999. The Involvement of Hydrogen Peroxide in Differentiation of Secondary Walls in Cotton Fibers. Plant Phyl. Vol: 119: 849-859.
- POWEL, R.D. 1969. Effect of Temperature on Boll Set and Development of *Gossypium* hirs. L. Cott.Gr. Rev. 46: 29-36.
- POWEL, R.D. and AMIN, J.V. 1969. Effects of Chilling Temperatures on the Growth and Development of Cotton. Cott. Gr. Rev. 46. 21-28.
- PRICE, J. B.; KEARNEY, Q. R. and CALAMARI, T. A. 1997. Properties of Yarn Made From Broken Cotton Fiber. Proceeding of the Beltwide Cotton Conferences. 726 – 729.
- PRICE, J. B. ; X. CHU ; CALAMARI, T. A. JR. and W.R. MEREDITH, 2002. Cotton Wax and its Relationship with Fiber and Yarn properties. Part.11. Wax Content and Fiber Properties. Textile Journal.72. pp. 631-637.
- PRIETO, J.G. , DePETERS, E.J., ROBINSON, P.H. , SANTOS, J.E.P. , PAREAS, J.W. and TAYLOR, S.J. 2003. Increasing Dietary Levels of Cracked Pima Cottonseed Increase Plasma *Gossypol* but do not Influence Productive. Journal of Dairy Science, Vol. 86, No. 1, p. 254-267.
- PUENTE, F. 1966. Some Effects of Soil Temperature and Phosphorus and Calcium Levels on Cotton Seedling Growth. Dissertation Abst. XXVI:4157.



- PUNDARİKAKSHUDU, R. 1989. Studies of the Phosphate Dynamics in a Vertisol in Relation to The Yield and Nutrient Uptake of Rainfed Cotton. *Experimental Agriculture* 25(1). 39-45.
- PUNDIR N. R 1972. Experimental Embiriyology of *Gossypium arboreum* L. and *G. hirs.* L. and their Resiprocal Crosses. *Bot. Gaz.* 133, 7-26.
- QIU, J. , LEVIN, L.R. , BUCK, J. and REIDENBERG, M.M. 2002. Different Pathways of Cell Killing by Gossypol Enantiomers. *Society for Experimental Biology and Medicine*, p. 398-401.
- QUISENBERRY, J.E. 1975. Inheritance of Plant Height in Cotton. I. A Cross Between Lubbock Dwarf and Texas Marker-I. *Crop Sci.*15: 197-199.
- QUISENBERRY, J.E. and R.J.KOHEL.1975. Growth and Development of Fiber and Seed in Cotton. *Crop Sci.*15. 465-467.
- QUISENBERRY, J.E.and ROARK, B. 1976. Influence of Indeterminate Growth Habit on Yield and Irrigation Water-Use Efficiency in Upland Cotton. *Crop Sci.* 16: 762-765.
- QUISENBERRY, J.E.and DILBECK, R.E. 1981. Stormproof Boll in Upland Cotton III. Genotype—Environment Interaction and Genetic Analysis. *Crop sci.* Vol.21. 511-514.
- RAGAP, M.T. , SALWAU, M.I.M. and HOSNY, A.A. 1994. Effect of Seed Soaking in Potassium Permanganate and Phosphorus Fertilization on Yield, Yield Components and Fiber Quality of Cotton CV. Giza-75. *Annals of Agricultural Science ,Moshtohor.*1991.29(4) 1345-1357.
- RAGHUWANSHI, R.K.S. , GUPTA, R.K. , PARADKAR, V.K. and DUBEY, D.D. 1989. Response of Cotton to Nitrogen and Phosphorus Grown in a Sodic Clay Soil. *Indian Journal of Agronomy.* 34(1). 18-20.
- RAGSDALE, P.L.; C.W. SMITH, and CREELMAN, R. 2000. Survey of Vitamin 'E' Concentration in Upland Cotton. *Proc. Of the Beltwide Cott. Conf.* Vol. 1: s.520.
- RAJARAJESWARI, V.and SUBBARAO, I.V. 1997. Gossypol Glands Relation to Resistance to Bollworm (*Helicoverpa armigera*) in Upland Cotton (*G. hirsutum* L.). *Indian Journal of Agricultural Science*, 67(7): 293-295.
- RAJARAJESWARI, V. and SUBBARAO, I.V. 1997. Gossypol Glands n Relation to Resistance to Bollworm (*Helicoverpa armigera*) in Upland Cotton (*G.hirsutum* L.). *Indian Journal of Agricultural Sci.*, Vol. 67 (7), p. 293-295.
- RAMESH, B.and RAO, M.V.H. 1994. Evaluation of Herbicides for Weed Control in Irrigated Cotton.(*G.hir.L.*). *F.Crop.Abst.*5252 s.671.
- RAMEY, H.H. Jr. 1980. Cotton Fiber Development- Stres Influences. *Beltwide Cotton Prod.* 376-377.
- RAO, M.V. , REDDY, A.S. , ANKAAH, R. , RAO, Y.N. and KHASIM, S.M. 1991. Incidence of Whitefly (*Bemisia tabaci* Genn.) in Relation to Leaf Characters of Upland Cotton (*Gossypium hirsutum* L.). *Plant Breeding Abst.* 61 (10) 9224.
- RAPER, R.L. ; REEVES, D.W. and BURMESTER, C.H. 1998. Developing Conservation Tillage Systems for Cotton in the Tennessee valley; in-row Tillage and Cover Crop Effects. *Proceedings Beltwide Cotton Conferences, San Diego, California, USA, 5-9 January 1998.* Vol.I Memphis, USA; National Cotton Council (1998). 621-623.
- RAPER. R. L. ; D. W. REEVES, E. B. SCHWAB and C. H. BURMESTER, 2001. Reducing Soil Compaction Of Tennessee Valley Soils in Conservation Tillage Systems. *Proceedings of the Beltwide Cotton Conferences.* Vol. 1; 449-452.

- RASESWARI, V.R. and CHARYULU.N.R.,A. 1996. Integrated Weed Control in Cotton. *Annals of Agricultural Research*.17(4) 438-440.
- RAY, L.L. ; WENDT, C.W. ; ROARK, B. and QUISENBERRY, J.E. 1974. Genetics Modification of Cotton Plants for More Efficient Water Use . *Agric. Meteorol.* 14: 31-38.
- REA, H.E. 1929. Varietal and Seasonal Variation of Motes in Upland Cotton. *J. Am. Soc. Agronomy*, 21: 481-486.
- REDDY, K.R., HODGES, H.F, MCKINION, J.M. 1995 a. Carbondioxide and Temperature Effects on Pima Cotton Development. *Agr. Jour.* 87(5). 820-826.
- REDDY, V.R. , REDDY, K.R. and ACOCK, B. 1995 b. Carbondioxide and Temperature Interactions on Stem Extention, Node Initiation, and Fruiting In Cotton. *Agriculture, Ecosystems and Environment.* 55(1) 17-28.
- REDDY, K.R. , HODGES, H.F. and MCKINION, J.M. 1996 a. Cotton Crop Responses to a Changing Environment. *Field Crop Abst.* 49: 4: p.346.
- REDDY, K.R. , HODGES, H.F. and MCKINION, J.M. 1996 b. Can Cotton Crops Be Sustained In Future Climates. *Beltwide Cotton Conf, Nashville, TN, USA,9-12.* Vol. 2: 1189-1196.
- REDDY, V.R. , REDDY, K.R. and WANG, Z. 1997 a. Temperature and Aldicarb Effects on Cotton Root Growth and Development. *Biotronics* 26. 1-11.
- REDDY, K.R. , HODGES, H.F. and MCKINION, J.M. 1997. Modelling Temperature Effects on Internode and Leaf Growth. *Crop Sci.* 37 (2) 503-509.
- REEVES, D.W. , BURMESTER, C.H. ; RAPER, R.L. and BURT, E.C. 1996. Developing Coservation Tillage Systems for the Tennessee Valley Region in Alabama. In 1996 *Proceedings Beltwide Cotton Conferences* January 9-12. vol.2. 1401-1403.
- REINHARDT, D. H. and ROST, T.L. 1995. Primary and Lateral Development of Dark and Light Grown Cotton Seedlings Under Salinity Stress. *Botanica Acta*, 108(5): 457-465.
- ROBINSON, P.H. , GETACHEW, G. , DE PETERS, E.J. and CALHOUN, M.C. 2001. Influence of Variety and Storage for up to 22 Days on Nutrient Composition and Gossypol Level of Pima Cottonseed (*Gossypium* spp.). *Animal Feed Science and Technology*, Vol. 91, p. 149-156.
- ROGER, R.L. , CRAWFORD, S.H. , RETZINGER, E.L. and RICHARD, P. 1981. In *Annual Progress Report, Louisiana State University.* pp. 207-212.
- ROGERS, J.B. , MURRAY, D.S. , VERHALEN, L.M. and CLAY-POOL, P.L. 1996. Ivyleaf Morninglory (*Ipomoea hederacea*) Inference with Cotton (*G. hirsutum* L.). *Weed Technology*, 10(1):107-114.
- ROLLINS, M.L. 1968. Cell Wall Structure and Cellulose Synthesis. *Forest Prod. J.* 18, 91 - 100.
- ROUSSOPOULUS, D. , LIAKATAS, A. and WHITTINGTON, W.J. 1998. Cotton Responses To Different Ligth Temperature Regimes. *Journal of Agr. Sci.* 131:3: . 277 – 283.
- ROUSELLE, M., THIBODEAUX, D.P. AND FRENCH, A.D. 2005. Cotton Fiber Properties and Moisture. *Water of Imbibition.* *Textile Res.* 1. 75 (2). pp. 177-180.
- ROSOLEM, C. A. ; SCHIOCHET, M. A. ; SOUZA, L. S. and WHITACHER, J. P. T. 1998. Root Growth and Cotton Nutrition an Affected by Liming and Soil Compaction. *Communications in Soil Science and Plant Analysis.* 29 (1/2). 169-177.
- ROST, T.L. 1998. Cotton Anatomy. Primary and Secondary Growt and Section of Plant Biol. Div. Of Biological Sci. Of California, Davis. P.1-3 ve 1-4 (Elektronik sayfalar).

- RUSSEL, E.W. 1973. Soil Conditions and Plant Growth. 10. Edition Logmans Co. London.
- SAHNKLE, M.W. ; HAYES, R.M. ; REICH, V.H. and MUELLER, T.C. 1996. MSMA and Pyriithioaceffecets on Cotton.(G.hir.L.) Development, Yield and Quality. Weed Science.44(1).137-142.
- SALEEM, M.B. and BUXTON, D.R. 1976. CARBOHYDRATE Status of Narrow Row Cotton as Related to Vegetative and Fruit Development. Crop Sci. 16: 523-526.
- SALİH, A.A. ; BABIKIR, H.M. and ALİ, S.A.M. 1998. Preliminary Observation on Effects Tillage Systems on Soil Physical Properties, Cotton Root Growth and Yield in Gezira Scheme, Sudan. Soil and Tillage Res. 46 ( 3/4) 187-191.
- SAMORA, P.J., STELLY, D.M. and KOHEL, R.J. 1994. Localization and Mapping of GL and GL Loci of Cotton (*G.hirsutum* L.). J. Hered., Vol. 85, p. 152-157.
- SANGILIYANDI, E. , GANESAN, V. , RAJENDRAN, K. And LINGAKUMAL, K. 1997. Differential Phytotoxic Responses of Cotton to Dinitroaniline Herbicides. Indian Jour. of Plant Physiology. 2. (4). 275-278.
- SAPPENFIELD, W.P. 1981. Sterility in Missiouri Cotton. Prod.Beltwide Cotton Prod. Res. Conf. 4-8. January, Memphis, pp. 99-100.
- SARANGA, Y. , SASS, N. , TAL, V. , SHIMONY, C. and YUCHA, R. 1997. Effects of Motes on Lint Quality of Interspecific Cotton Hybrids. Crop Sci. 37: 1577-1581.
- SAUNDERS, J.H. 1961. The Mechanism of Hairiness in Gossypium. Heredity. 16.: 331-348.
- SAUNDERS, J.H. 1965 a. The Mechanism of Hairiness in Gossypium. IV. Inheritance of Plant Hair Length. Emp.Cotton Gr.Rev. 42: 26-32.
- SAUNDERS, J.H. 1965 b. The Mechanism of Hairiness Transferred from Raimondii to Hirsutum. Euphytica 14: 276-282.
- SAVALÍA, S.G., VASHÍ, R.G., MEHTA, N.P. and SANANDÍA, C.J. 1994. Response of Applied Phosphorus at Different Levels of Native Phosphorus on Yield and Uptake of Phosphorus by Cotton. Field Crop Abst. 47. 3. 1746.
- SAVİDAN, Y.H. 2000. Apomixis: Genetics and Breeding. 18 Plant Breeding Reviews. 13-86.
- SAWAN, Z.M. ; EL-DİN, M.S. and GREGG, B.R. 1993 a. Cotton seed, Viability and Seedling Vigor as Affected by Plant Density, Growth Reterdants, Copper and Manganese. Seed Science and Technology 21(2)417-431.
- SAWAN, Z.M. ; MAHMOUD, M.H. and GREGG, B.R. 1993 b. Effect of Foliar Application of Chelated Copper and Manganese on Yield Components and Fibre Properties of Egyptian Cotton(*G.barbadense* L.). Journal of Agricultural Science.121(2).199-204.
- SAWAN, Z.M. ; GREGG, B.R. and YOUSEF, S.E. 1999. Effect of Phosphorus, Chelated Zinc and Calcium on Cotton Seed, Yield, Viability and Seedling Vigour. Seed Science and Technology 27(1) . 329-337.
- SAWAN, Z.M. and SAKR, R.A. 1998. Effect of 1-naphthalene acetic acid Concentrations and the Numberr of Application on Yield Components, Yield and Fibre Properties of the Egyptian Cotton (*G.barb.L.*). Agronomie 18 (4) 275 – 283.
- SCHUBERT, A.M. ; BENEDICT, C.R.; J.D. BERLİN and R.J. KOHEL, 1973. Cotton Fiber Development-Kinetics of Cell Elongation and Secondary Wall Thickening. Crop Sci.13: 704-709.
- SCHUBERT, A.M. ; BENEDICT, C.R.; C.E. GATES; and R.J.KOHEL, 1976. Growth and Development of Lint Fiber of Pima S-4 Cotton. Crop Sci.16:4:539-543.

- SCHULZE, D. , N. HOPPER, J. GANNAWAY, and G. JIVIDEN, 1997. Evaluation of Chilling Tolerance In Cotton Genotypes. Proceedings. Beltwide Cotton Conference. Vol:2: 1383 – 1385.
- SCHUSTER, M.F. 1979. Insect Resistance in Cotton. Biology and Breeding for Resistance to Arthropods and Pathogens in Agricultural Plants. Texas A&M University, College Station, Texas. Schubert, A.M.,1976. Growth and Development Cotton Fiber. Dissertation Abst. İnt.36.3702.
- SCHWAP, E. B. ; REEWES, D. W. ; RAPER, R. L. and BURMESTER, C. H. 1997. Tillage Systems for the Tennessee Valley: Cotton Yield and Soil Water Use. Proceedings. Beltwide Cotton Conference, New Orleans, 6-10 January. Vol. I. 586.
- SEZER, Ö. ve OĞUZ, L. 1981. Pamuk Araştırma Proje ve Sonuçları. Adana Pamuk Araştırma Enst. S. 215 - 218.
- SHANMUGRAM, K. 1992. Seed Soaking and Foliar Application of Growth-Regulants and Anti-Transpirant Chemicals for Increasing Drought Resistance in Rainfed Upland Cotton (*G. hirsutum* L.). Indian Journal of Agricultural Sci. 62:11:744:750.
- SHARKLE, M.W. , HAYES, R.M. , REICH, V.H. and MUELLER, T.C. 1996. MSMA and Pyriithiobac Effects on Cotton. (*G. hirsutum* L.) Development, Yield and Quality. Weed Science, 44(1):137-142.
- SHARMA, N. K. ; DİGHE, J.M. ; ERGMI, R. U.and APTE, B. G. 1994. Progressive Accumulation of Gossypol During Boll Development and Chemical Composition of Some Cotton Varieties. Field Crop Abst. 47(2): 1130.
- SHARMA, J.P. , GARG, P. K. and H. K. BHATİYA. 2008. Comprehensive Biology For Class XII. Laxmi Publication (P) LTD, New Delhi.
- SHARPE, N., PİPİE, F., POPA, G., FLOREA, A., CLOTEA, V., PASCU, M.and DASCALU, I. 1976. Investigation of the Efficiency of Defoliant Cotton Crops for Mechanical Harvesting. Field Crop Abst. 29: 5. 6639.
- SHELKE, D.K.and BITOSLE,R.H. 1991. Nitrogen Use Economythrough Integrated Weed Management in Rainfed Cotton. Journal of Maharashtra Agricultural Universities.16(3) 441-442.
- SHIVANNA, K.R. ; H.F. LINSKENS and M. CRESTI.1991. Polen Viability and Polen Vigor. Theoretical Appl. Genet. 81: 38-42.
- SHVETSOVA, L., ALIBEKOVA, CH. and EM, E. 1990. Resistance of Varieties. Plant Breeding Abst . Vol: 60.8. 7762.
- SİLVA, N.M.Da and CARVALHO, L.H. 1997. Importance of Boron in The Fertilizing of Cotton. Field Crop Abst. 50. 1. 1257.
- SİLVA, N.M.Da, CARVALHO, L.H. and BORTOLETTO, N. 1989. Split Application of Sidedressed Nitrogen for Cotton. Field Crop Abst. 42. 6. 4610.
- SİMPSON, D.M. and P.R. MİLLER. 1944. The Relation of Atmosferic Humudity to Moisture in Cottonseed. Jour. Amer. Soc. Agron. 36. pp. 957-959.
- SİMPSON, D.M. 1946. The Longiving of Cottonseed as Affected by Climate and Seed Treatment. Jour. Amer. Soc. Argon. 38. pp. 37-45.
- SİMPSON, D.M. 1947. Factors Affecting the Longiving of Cottonseed. Jour. Agr. Res. 64. pp. 407-419.
- SİMPSON, P. and W.A. JENSEN, 1977. Vascular Anatomy of Cotton Carpells as Revealed by Digestion in Rruminal Fluid. Crop Sci. 17: 819-821.

- SİNGH R. K., CHAUDHARY B. D. (1978) Biometrical methods in quantitative genetic analysis New Delhi.: Kalyani Publishers.
- SINGH, P. , SINGH, T.H. and CHAHAL, G.S. 1991. Genetical Control of Gossypol Content in Intervarietal Crosses of Upland Cotton. Crop Improvement, Vol. 18 (2), p. 141-143.
- SINGH, J.P. , LAKRA, R.K. , QOI. P.C. , LIM, G.S. and TENG, P.S. 1992. Efect of Incidence of Leafhopper and Bollworm on Shedding of Fruiting Bodies and Loss in Yield of Seed Cotton. Proceeding of The 3th. International Conferences on Plant Protection in the Tropics. 6: 142-148.
- SIVASUBRAMANIAN, P. , UTHAMASAMY, S. 1991. Resistance in Cotton *Gossypium* spp. to Laefhoper *Amrasca devastans* (Dist.) Madras Agricultural Journal 78 (1-4) 80-81.
- SMART, J. R. and BRADFORD, J. M. 1997. Use of a Cotton Stalk Puller for Conservation Tillage Cotton. Proceedings. Beltwide Cotton Conferences, New Orleans, 6-10 January. Vol. I. 616-620.
- SMITH, A.L. 1964. Leaf Trichomes of Upland Cotton Varieties. Crop Sci. 4: 348-349.
- SMITH, D. 1973. Influence of Drying and Storage Conditions on Non-structural Carbohydrate Analysis of Herbage Tissue- A Review. J. Br. Grass, Soc. 28: 129 – 134.
- SMİTH, L.L. 1975. Aeration of Cottonseed in Storage. Marketing Research Report No. 1020. USDA ARS. Stonville, M.S.
- SMITH, C.V. and VARVIL, J. J. 1981. Recoverability of Cotton Following Smilated. Agronomy Journal. 73: 597-600.
- SMITH, C.V. and VARVIL, J.J. 1984. Differential Recovery among Cotton Genotypes Following Early-Season Defoliation. Crop Science 24. 1. s. 151-153.
- SMITH, C.W. , SCHUSTER, M.F. and NILES, G.A. 1990. Registration of 17 Upland cotton Germplasm Lines Having Elevated Levels of Condensed Tannins. Crop Science, 30 (6) 1374-1375.
- SMITH, M.C., McClGLLAND, M.R., CARTER, P.C., CORKERN, C.B. and REYNOLDS, D.B. 1996. Weed Control and Cotton Varietal with Staple Herbicide. Proceedings Beltwide Cott. Conf. Vol:2: 1536-1540.
- SMİTH, H.R.; TURNAGE, R.E. and HARRİS, B. 1998. Temik 156(R) Compared to Seed Treatments on Paymaster-12156 (R) Cotton Variety. Proceedings Beltwide Cotton Conf. San Diego, California, USA, 5-9 January 1998. Vol:2. 1432-1437.
- SMUTHZER, G. and BERLIN, J.D. 1979. Ultrastructural Aspects of Cotton Fiber Differentiation as Influenced by Nigth temperature. Proc. Cotton Beltwide Conf.
- SNİPES, C.E. and WİLLS, G.D. 1994. Influence of Temperature and Adjuvants on Thidiazuron Activity in Cotton Leaves. Weed Sci. 42 (2). pp. 13-17.
- SNOW, P.J. , BOQUET, D.J. and WALKER, D.M. 1983. Effect of Fungicide Seed Treatments on Cotton Emergence. Field Crop. Abst. 36:12: 11041.
- SOFUOĞLU, S. Ve GENÇER, O. Çukurova Koşullarında Farklı Ekim Zamanlarının Pamuğun (G.hir.L.) Tarımsal Ve Teknolojik özelliklerine Etkisi. Ç.Ü. Fen Bil. Ens. Fen ve Müh. Derg. Çilt.6, sayı.1.
- SOMEREN, A. 1973. Çırcır Makineleri ve Çıtcırlama Üzerinde Bir Araştırma. Böl. Pamuk Arş. Enst. Yayını. S.1-63.
- SONG, J. X. ; LIU, S. ; SHEN, X. P. ; CHEN, H. Q. ; ZHUANG, H. Y. ; YIN, S. X. and LU, J. F. 1997. effects of Soil Compaction on Nutrient Absortion by Cotton Plants. Journal of Jiangu Agr. College. 18 (3). 21-26.

- SORENSEN, J.W. Jr. and WILKES, L.H. 1973. Seed Quality and Moisture Relationship in Harvesting and Storing Seed Cotton. Proceedings, Seed Cotton Storage and Handling Seminar, Phoneix Cotton Incorporated, Raleigh, N.C.
- SOTELO, A. , VILLAVICENCIO, H. , MONTALVO, I. and GONZALEZ, M.T. 2005. Gossypol Content on Leaves and Seeds from Some Wild *Malvaceae* Species. Afr. J. Traditional, Vol. 2 (1), p. 4-12.
- SPİLLANE, C. , A. STEİMER and U. GROSSNİKLAUS. 2001. Apomixis in Agriculture: the Quest for Clonal Seeds. Sex Plant Reprod. 14: 179-187.
- SRİVASTAVA, K.C. and VERMA, J. 1988. Deterioration of Cotton Lint by Fungi during Storage in North India. Farm-Science Journal, 3:1: p. 32- 35.
- STARK, C.R.Jr ; DOWLER, C.C. ; JOHNSON, A.W.and BAKER, S.H. 1996. An Economic Analysis of Georgia Cotton Prod.within Multiple-crop Tillage Systems. Proceedings Beltwide Cotton Conferences, January 9-12 . vol.2. 400-403.
- STARK, C. R. Jr ; DOWLER, C. C. ; JOHNSON, A. W. and BAKER, S. H. 1997. An Economic Analysis of Georgia Cotton Production within Multiple-Crop Tillage Systems. Field Crop Abstract. Vol. 50. No.7. 5018.
- STEGER, A. and OOSTEHERİUS, D. 1997. Seed Treatment with Plant Growth Regulators to Enhance Emergence and Seedling Growth. Proceedings Beltwide Cotton Conference. Jan.6-10. Vol:2.1396.
- STEPHENS, S.G. 1945. A Genetic Survey of Leaf Shape in New World Cottons- a Problem in Critical Identification of Alleles. J. Genet.46:313-330.
- STEVENS, W. G.; JOHNSON, J. R.; VARCO, J. J and; PARKMAN, J. 1992. Tillage and Winter Cover Management Effects on Fruiting and Yield of Cotton. Journal of Production Agriculture. 5 (4): 570-575.
- STEWART, J.Mc. D. 1986. Integrated Events in the Flower and Fruit. The Cotton Foundation. Memphis, TN. Cotton Physiology. pp. 261-300.
- STEWART, J. Mc.D. 1992. Biotechnology of Cotton. ICAC Review Articles on Cotton Production Research No: 3
- STRUVE, T.H.and HOPPER, N.M. 1995. Polimer Coating Effects on Cottonseed Imibition, Germination and Emergence. Proceedings Beltwide Cotton Conferences Jan.4-7,1995:Vol:2.1161-1163.
- STİCHLER, C. 1992. Effets of Defoliant on Pima Cotton in Far West Texas. Proceedings of the Beltwide Cotton Conf. Vol. 3. pp. 1050-1052.
- STİLES, H. S. ; REİNSCHMİEDT, L. L. ; TRİPLETT, G. B. and DABNEY, S. M. 1997. Tillage System Effects on Cotton Yield and Prefitability on Silty Upland Soils. Field Crop Abstract. Vol. 50. No.7. 5020.
- STIPANOVIC, R.D., BELL, A.A., MACE, M.E. and HOWELL, C.R. 1974. Antimicrobial Terpenoids of *Gossypium*. Phychemistry, Vol. 14, p. 1071-1081.
- STIPANOVIC, R.D. 1994. Gossypol in Cotton. Proceedings, The Biochemistry of Cotton Workshop, p. 23-27.
- STIPANOVIC, R.D. , LOPEZ, J.D. , DOWD, M.K. , PUCKHABER, L.S. and DUKE, S.E. 2006. Effect of Racemic and (+)- and (-)-gossypol on the Survival and Development of *Helicoverps zea* Larvae. J. Chem. Ecol. Vol. 32, p. 959-968.
- SUN, X.Z. ; SHI, P. and ZHANG, D.S. 1997. The Effect of Soaking Seed in a Solution DPC Mixed with 83008 on te Quality of Cotton Seedlings. China Cottons 24(1).18-20.

- SUNILKUMAR, G., CAMPBELL, L.M. , PUCKHABER, L. , STIPANOVIC, R.D. and RATHORE, K.S. 2006. Engineering Cottonseed for Use in Human Nutrition by Tissue-Specific Reduction of Toxic Gossypol. Applied Biological Sciences, Vol. 103, No. 48, p. 18054-18059.
- SUY T. B. 1979. Contribution of 1<sup>e</sup> Etude de la Croissance des Tubes Polliniques chez G.hir.L. en Fonction des Conditions du Milieu. Cot. Fib. Trop. 34, 295-300.
- SYNDER, C.S. , LORENZ, G.M. and BAKER, W.H. 1996. Lange-Block Foliar Potassium Fertilization of Cotton in Arkansas. Field Crop Abst. 49. 7. 4990.
- ŞENEL, M. 1980. PAMUK ISLAHI, yetiştirilmesi ve Teknolojisi. Adana Bölge Pamuk Araştırma Enstitüsü Müdürlüğü Yayınları. No: 36. 1-300.
- ŞEN, İ. 2002. Kahramanmaraş, Gaziantep İplik Tesisleri Laboratuvarları İle Nazilli Ve Antalya Laboratuvarlarının Lif Analizi Yönünden Karşılaştırılması. K.S.Ü. fen Bilimleri Enstitüsü Pamuk Ekspertiği Anabilimdalı (Yüksek Lisans Tezi).
- ŞEN, İ. ; OĞLAKÇI, M. ; BÖLEK, Y. ; ÇİÇEK, B. ; KISAKÜREK, N. ; AYDIN, S. 2004. Assessing the Out-crossing Ratio, Isolation Distance and Pollinator Insects in Cotton (G.hir.L.). Assian Journal of plant sci.3 (6): 724-727.
- TAMOTE, J. and J.H. BRADBURY, 1985. Determination of Sugars in Tropical Root Crops Using Carbon-13 NMR Spectroscopy: Comparison with the High- Performance Liquid Chromatography Method. J. Sci. Food agric. 36. 1291 – 1302.
- TARCZYNSKI, M.C. , BYRNE, D.N. and MILLER, W.B. 1992. High Performance Liquid Chromatography Analysis of Carbonhydrates of Cotton Phloem Sap and Honeydew Produced by *Bemisia tabaci* Feeding upon Cotton. Plant Physiol. 98. 753-756.
- TAYLOR, M.H.and BRUCE, R.R. 1968. Effect of Soil Strength on Seedling Emergence Root Growth and Crop Yield in Compaction of Agricultural Soils. Transaction of the ASAE.1.pp. 803- 811.
- TAYLOR, R.M. 1972. Germination of Cotton (G.hir.L.) Polen on an Artificial medium. Crop Sci. 12: 243- 244.
- TAYLOR, R.A. 1996. Predicting Denim Fabric Strenth from Fiber Measurement. Proc. Cotton Incorporated Ninth Annual Enginered Fiber selection System Confernces. May-1996, pp 55-67.
- TAYLOR, R. A. and GODBEY, L. C. 1997. Beltwide Cotton Conference. pp: 557-559.
- TERHUNA, M.E. , FRANS, R.E. and COTHREN, J.T. 1985. Methabolic Yield Response of Cotton to Foliar Application of selected Post Emergence Herbicides. Field Crop Abstract, 7477 pp: 872.
- TEMPLE, P.J. ; TAYLOR, O.C. ; BENDIT, L.A. ; REAGAN, C.A.and; LENNOX, R.W.1994. Smog damage to Cotton in the San Joaguin Valley. Field crop Abst; vol: 37(5), 3334.
- TEWOLDE, H. , FERNANDEZ, C.J., and FOSS, D.C. 1994. Maturity and Lint Yield of Nitrogen and Phosphorus Deficient Pima Cotton. Ag. Jour. 86: 303-309.
- THAKRAL, S.K., BUSNOI, L.K. and SING, S. 1991. Effect of Defoliant on Upland Cotton (*G. hirsutum* L.). Indian Journal of Agr. Sci. 61 (10). pp. 772-773.
- THAKAR, S, 1998.Residual Effect of 2,4-D Applied to Wheat on Succeeding Crop of Cotton (G.hir.L.). F.Crop Abst.8572.p.1143.
- THULEN, R.J.and KEELEY, P.E. 1994. Control of Ivyleaf Morninglory (*Ipomoea hederacea*) in Cotton (*G. hirsutum* L.) by Combination Methods. Weed Technology, 8(4):772-776.

- THOMSON, S.J. , ANTHONY, W.S. and MANGİLARDİ, J.G. 1997. Preliminary Comparison of Waste and Cotton Fiber Loss Using A Shirley Analyzer and Shirley Trash Separator. Beltwide Cotton Conferences. 538-541.
- TOWNSEND, J. 1998. Two Year Study of Mepiquat Chloride and Bacillus cereus. Proc. Beltwide Cotton Conf.1420-1421.
- TRİPP, V.W. , MOORE,A.T. and ROLLİNS,M.L. 1951. Some Observation on the Constitution of the Primary Wall of the Cotton Fiber. Textile Res. J. 21, 886-894.
- TUPPER, G.R. and KUNZE, O.R. 1979. Relation of Seed Density and Weigth to Seed Quality Culling by Liquid Separation. Proc. Beltwide Cotton Conf. Vol:I. 306-308.
- TURNAGE, R.G. ; SMITH, H.R. and HARRIS, B. 1998. Effects of Temik 156 on Earliness and Yield Transgenic and Non-Transgenic Cotton Varieties. Proc. Beltwide Cotton Conf. V:2, 1429-1432.
- TURNER, J.H. : J.Mc D. STEWART ; P.E. HOPKİNS and RAMEY, H.H. 1977. Seed Setting Efficiency in Eight Cultivars of Upland Cotton. Crop Sci.17: 769- 772.
- TURSUN, N. ; A.Ö. TURSUN. Ve K.KAÇAN. 2004. Kahramanmaraş ili ve ilçelerinde Pamuk Ekim Alanlarında Sorun Olan Yabancıotların Belirlenmesi. KSÜ.Fen ve Müh. Dergisi.7(1)-2004.92-95.
- TÜZÜNER. A. Ve U. SUNAR, 1973. Toprakta Değişik Yoğunluktaki Sıkışmış Tabakanın Bitki Kök Gelişimi ve Verime Etkisi. T.B.A. Kurumu-Tarım ve Ormancılık Araştırma Grubu Yayın No. 20.
- UNGAR, E.D. 1989. Early Season Development of Floral Buds in Cotton. Agronomy J. 81: 643-649.
- UNGAR, E.D., WALLACH, D. and KLETDER E. 1987. Cotton Response to Bud and Boll Removal. Agronomy Journal 79:3: 491-497.
- UYGUR, F. N.; KOCH, W. ve WALTER, N., 1986. Çukurova Bölgesi Buğday-Pamuk Ekim Sistemindeki Önemli Yabancı Otların Tanımı. 4(1).
- VALERİUS,R., SCOTT, K., SANCHEZ, H., WILLİAMS, K., ELLİSON, G. 1999. Drying and Precleaning-Better Trash Removal and Less Fiber Damage Therdyn Processing System. Proceeding of the Beltwide Cotton Conf., 2:1429-1432.
- VAİSSİERE,B.E. , J.D. MOFFETT and G.M. LOPER. 1984. Honey bees as Pollinatörs for Hybrid Cotton Seed Production on the Texas High Plains. Ag. Jour. 76: 1005- 1010.
- VANSELL, G.H. 1944. Cotton Nectar in Relation to Bee Activity and Honey Production. J. Econ. Entomol. 37. 528-530.
- VARADARAJAN, P.V. , LYER, V. and SAXENA, S. 1994. Survey of Wax Content of Indian Cottons. Indian tekstile Jour.,1994, 50-52.
- VARDAR, Y. 1972. Bitki Fizyolojisi Dersleri-I, Ege Üniversitesi, Fen Fakültesi Kitapları No: 37: 1-332.
- VENCILL, W.K., GIRAUDO, L.J. and LANGDALE, G.W. 1993. Soil Moisture Relations and Critical Period of *Cynodon dactylon* L. (Pers.) (Coastal Bermuda Grass) Competition in Conservation Tillage Cotton (*G. hirsutum* L.). Weed Research (Oxford), 33(1):89-96.
- VENKATAKRISHNAN, A.S. 1995. Effect of Agrochemicals on Flower Production, Bud and Boll Shedding and Yield of Cotton (*G. hir. L.*). Madras Agr. Journal 82(4).293-295.
- VERHALEN, L.M. ; R. MAMAGHANI ; W.C. MORRİSON and R.W.MCNEW, 1975. Effect of Blooming Date on Boll Retention and Fiber Properties in Cotton. Crop Sci.15: 1: 47-52.



- VIELLE-CALZADA, J-P., C. F. CRANE and D. M. STELLY. 1996. Apomixis: the Asexual Revolution. *Science* 274: 1322-1323.
- VOGT, T. ; P.POLLAK, N. TARLYN, and L.P. TAYLOR. 1994. Pollination or Wound-Induced Kaempferol Accumulation in *Petunia* Stigmas Enhances Seed Prod. *Plant Cell*. 6: 11-23.
- VROH, B.I., BAUDOIN, J.P. and MERGEAI, G. 1998. Cytogenetics of the Glandless Seed and Glanded Plant Tarit from *Gossypium sturtianum* Willis Introgressed into Upland Cotton (*Gossypium hirsutum* L.). *Plant Breeding*, Vol. 117, p. 235-241.
- VROH, B. I. , BAUDOIN, J.P. , HAU, B. and MERGEAI, G. 1999. Development of High Gossypol Cotton Plants with Low Gossypol Seeds Using Trispecies Bridge Crosses and In Vitro Culture of Seed Embryos. *Euphytica*, Vol. 106, p. 243-251.
- WADDLE, B. A. 1984. Risk Management in Setting and Keeping a Stand-Environment. *Beltwide Cotton Prod. Res. Conf.*, New Orleans, LA. 6-11. Jan. p. 3-4.
- WAGHMARE, V.N. ; RONG, J. ROGERS, C.J. , PIERCE, J.G. , WENDEL, J.F. and PATERSON, H.A. 2005. Genetic Mapping of a Cross Between *G.hirs.* L. (Cotton) and the Hawaiian Endemic, *G.tomentosum*. *Theor. Appl. Genet.*(111): 665-676.
- WALHOOD, V.T. and M.C. MEANS, 1964. Seed Number as a Factor in Fruit Retention in Cotton. *Proc.18th Ann. Beltwide Cott.defol. Physiol. Conf.* pp.30-33.
- WALLACE, T.P. ; SNİPES, C.E. and WHİTE, B.W.1993. Effect of Simple and Multiple Applications of Mepiquat chloride on Missisipi Cotton. *Field Crop Abst.*1994.47(2):1127.
- WALLER, G.D. 1972. Evaluating Responses of Honey bees to Sugar Solutions Using an Artificial-flower Feeder. *Ann. Entomol. Soc. Am.*65.857-862.
- WALLER, D.G. ; WİLSON, F.D., and MARTİN, J.H. 1981. Influence of Phenotype, Season, and Time-of day Nectar Production in Cotton. *Crop Science* Vol. 21.pp.507-511.
- WALLER, G.D. ; J.O. MOFFETT ; G.M. LOPER and J.H.MARTİN. 1985. An Evaluation of Honey bee Foraging Activity and Pollination Efficacy for male Sterile Cotton. *Crop Sci.*25:211- 214.
- WANG, Y.F. 1973. Effects of Harvesting Date and Processing of Seed Cotton on Seed Development and Germination. *Field Crop Abst.*26:7:3362.
- WANJURA, D.F. , HUDSPETH, F.B. Jr and BILBRO, J.D. Jr. 1967. Emergence Time, Seed Quality and Planting Depth Effects on Yield and Survival of Cotton (*G. hirsutum* L.). *Argon. J.* 61: 63-65.
- WANJURA, D.F. and SUNDERMAN, H.D. 1976. Vegetative-Fruiting Development and Concentrations of a Dwarf Determinate Cotton Cultivar. *Ag. Jour.* 68: 744-748
- WANKHADE, S.T. ; KHARCHE, S.G. ; DESHPANDE, R.M. and GHATOL, D.M. 1993. Weed Management in Rainfed Upland Cotton(*G.hir.L.*). *Indian Journal of Agronomy* 38(1) 102-104.
- WATSON, H. and HEMLER, J.D. 1964. Cottonseed Quality as Affected by Ginning Process. *Progress Report, USDA, ARS-Publication.*42: 107-108.
- WAUFORD, S.H. 1979. In vitro Germination of Upland Cotton Pollen. An Analysis of Parameters Affecting germination and Tube Length. *University of Tennessee, Knoxville, Tn (Tez)*
- WEİR, B.; MUNK, D.; VARGAS, R and WRİGHT, S.1995. PGR IV Responses to Upland and Pima Cottons in the San Juaquis Valley of California. *Proceedings Beltwide Cotton Conferences* Jan.4-7.1995.Vol.I.

- WEIS, K.G. , JACOPSEN, K.R. and J.A. JERNSTED, 1999. Cytochemistry of Developing Cotton Fibers : A Hypothesized Relationship Between Motes and Nondyeing Fibers. *Field Crop Res.* 62, 107-117.
- WELLS, R and MEREDITH, W.R. Jr. 1983 a Comparative Growth of Obsolete and Modern Cotton Cultivars. I. Vegetative Dry Matter Partitioning. *Crop sci.* 24: 858-862.
- WELLS, R. and MEREDITH, W.R. Jr. 1983 b. Comparative Growth of Obsolete and Modern Cotton Cultivars.II. Vegetative dry Matter Partirioning. *Crop sci.* 24: 863-868.
- WELLS, R. and MEREDITH, W.R. Jr. 1983 c Comparative Growth of Obsolete and Modern Cotton Cultivars.III. Relationship of Yield to Observed Growth Characteristics. *Crop sci.* 24: 868-874.
- WELLS, R. , MEREDITH, W.R. Jr and WILLIFORD, J.R. 1986. Canopy Photosynthesis and its Relationship to Plant Productivity in Cotton Isolines Differing in Leaf Morphology. *Plant Physiol.* 82:635-640.
- WENDEL, J.F. and ALBERT, V.A. 1992. Phylogenetics of the Cotton Genus (*Gossypium*): Character-state Weighted Parsimony Analysis of Chloroplast-DNA Restriction Site Data and its Sistematic and Biogeographic Implications. *Systematic Botany* 17(1) 115-143.
- WHEELER, T.A. , GANNAWAY, J.R. , KAUFMAN, H.W. , DEVER, J.K. , MERTLEY, J.C and, KEELING, J.W. 1997. Influence of Tillage, Seed Quality and Fungicide Seed Treatments on Cotton Emergence and Field. *Journal of Prod. Agr.* 10(3). 394-400.
- WHEELER, M.H. 1997. Cryogenic Preservation of Cottoseed with Liquid Nitrogen. *Proceedings Beltwide Cotton Conf.* Jan.6-10. Vol:1:4484-4486.
- WHITE, T.G. and J.E. ENDRİZZİ. 1965. Test fort he Association of Marker Loci with Chromosomes in *Gossypium hirsutum* L. By the Use Aneuploids. *Genetics* 51: 605-612.
- WILLIAMS, K.D. and HOPPER, N.W. 1998. Effect of Polymer Coating of Cotton Seed on Dusting-off Imbibition on and Germination. *Proceeding Beltwide Cotton Conferences.* Vol.2: 1380-1387.
- WILLIAMS, H.J. ; SATILER, L. MOYNA, G. ; SCOTT, A.I. ; BELL, A.A. and VINSON, S.B. 1995. Diversity in Cyclic Sesquiterpene Production by *G.hir.* L. *Pfhytochemistry.* 40(6): 1633-1636.
- WILCUT, J.W.; JORDAN, D.L.; VENCİLL, W.K. and RICHBURG, J.S. 1997. Weed Management in Cotton (*G.hir.L.*) with Soil Applied and Post Directed Herbicides. *Weed Technology.* 11(2) 221-226.
- WILLCUT, M.H. and SUMINTO, D. 1997. The Effect of Aeration Rate on Cooling of Cotton Seed in the Mid-South. *Beltwide Cotton Conf.* Vol. 2. pp. 1593-1596.
- WILLCUTT, M.H. , S.D. FİLİP and VALCO, T. 2001. Spindle Picker and Stripper Harvesting Systems Cost Using Cotsim. *Prodeecings of the Beltwide Cotton Conf.* Vol. 1. pp. 324-328.
- WILSON, F.D. and B.R. STRAPP, 1984. Crossing Success in Cotton Arizona as Affected by Irrigation, number flowers Pollinated and Time of Emasculation. *Agronomy J.* 76. 457-460.
- WILSON, F.D. 1987. Pink Bollworm Resistance, Lint Yield and Earliness of Cotton Isolines a Cotton Resistant Genetic Background. *Crop Science,* 27. 957-960.
- WILSON, F.D., FLINT, R.M., BARIOLA, L.A., CITO, C.C. 1991. Reduction in Insecticide Use Associated with Cotton Resistance to Pink Bollworm. *Crop Science.* 31 (2) 363-366.

- WILSON, F.D. and SMITH, C.R Jr. 1992. Pink Bollworm (Lepidoptera: Gelechiidae) Penetration Into and Survival 15 Bolls of Resistant and Susceptible Cotton Lines. *Journal of Agricultural Entomology*. 9 (3) 165-173.
- WITTEN, T.K. ; COTHREN, J.T. ; HONS, F.M. and POST, P.H. 1997. Cotton (G.hir.L) responses to Amisob(R) and Fertility Treatments. *Proceedings Beltwide Cotton Conf.* Jan.6-10. Vol:2:1461-1463.
- WITTEN, T.K. , COTHREN, J.T. and HONS, F.M. 1998. Cotton Responses to Foliar and in Furrow Applied Amisorb R and Fertility Treatments. *Proceeding Beltwide Cotton Conf.* Vol: 1475-1479.
- WORLEY, S. , RAMEY, H.H. , HARRELL, D.C. and, CULP, T.W. 1976. Ontogenetic Model of Cotton Yield. *Crop Sci.* 16: 30-34.
- WÖHRMANN, K. 1979. Populasyon Yapısı ve Bitki Islahı. *Bitki Islahı Simpozyumu*. Ege Bölge Zirai Araşt. Enst. Yayınları. 17 / 41. 72- 78.
- WRIGHT, T.S. , ROBERTS, B. , VARGAS, R. , BANUELOS, G. and DUVALL, T.M. 2001. California Defoliation Summary. 2000. *Proceedings of the Beltwide Cotton Conf.* Vol. 1: 72.
- WU, J.G. , NİNG, Y.W. , YAN, J.M. , LOU, D.R. and WANG, G.J. 1997. Phosphorus Absorptivity of Cotton and and The Effect of Fertilizer Applied. *Field Crop Abst.* 50. 1. 1256.
- WULLSCHLEGER, S.D. and OOSTERHUIJ, D.M. 1990. Photosynthetic Carbon Production and Use by Developing Cotton Leaves and Bolls. *Crop. Sci.* 30: 1259- 1264.
- WULLSCHLEGER, S.D. and OOSTERHUIJ, D.M. 1992. Canopy Leaf Area Development and Age- class Dynamics in Cotton. *Crop Sci.* 32: 451 - 456.
- XSANTHOPOULOS, F. P. and U.E. KECHAGÍA, 2000. Natural Crossing in Cotton (G.hir.L). The Inter-Regional Cooperative Res. Network on Cotton. 20- 24 September. Adana / Turkey. 27-32.
- XIANG, S.J. , SHIPPING, L. , PING, X.S. , QING, C.H. , YANG, H.Z. , XUE, Y. S. and FEL, J.L. 1998. Effect of Soil Compaction on Nutrient Absorbtion by Cotton Plants. *Field Crop Abst.* 51.10.7775.
- XİE, W. , NORMA, L. , N. L. TROLINDER, and HAIGLER, C.H. 1993. Cool Temperature Effect on Fiber Initiation and Elongation Clarified Using in Vitro Cultures. *Crop Sci.* 33: 1258-1264.
- XU, B. , FANG, C. and WATSON, M. D. 1997. Chromatic Image Analysis For Cotton Trash and Coluor Measurement. *Beltwide Cotton Conferences.* 532-537.
- XU, B. , FANG, C. and WATSON, M.D. 1998 a. Investigating New Factors in Cotton Color Grading. *Textile Res.J.* 68(11), 779-787.
- XU, B. , FANG, C. , R.HUANG, and WATSON, M.D. 1998 b. Cotton Color Measurement by an Imaging Colormeter. *Textile Res. J.* 68(5), 351-358.
- XU, B. , R.HUANG, and WATSON, M.D. 2001. Cotton Color Distributions in the CIE L a b System. *Textile Res. J.* 71(11), 1010-1015.
- XU, B. , DALE, D.S. , R.HUANG, and WATSON, M.D. 2002. Cotton Color Clasification by Fuzzy Logic. *Textile Res. J.* 72(6), 504-509.
- YAĞMUR, M. , AKTAŞ, İ. ve OĞLAKÇI, M. 1981. Pamuk Bitkisinin Gelişme Döneminde Yapılacak Yandal-Uç ve Uç Alma İşlemlerinin Verim ve Verim Unsurlarına Etkisi. *Adana Pamuk Araştırma Enst. 1981 yılı projeleri Sonuç Raporu.* 181 - 189.

- YANKEY, J.M. 1997. The Solutions for Controlling Fabric Barre. The Beltwide Cotton Conferences 738 – 742.
- YASEEN, A.I. H. , MOHAMAD, H.M.H. and HOSNY, A.A. 1989. Effect of Number of Plants per Hill and Time of First Irrigation on Yield and Yield Components of Giza 75 Cotton variety. *Annals of Agr. Sci. (Cairo)* 34 (2): 827-836.
- YOLCU, S. 2009. Pamukta (G.hir.L.) farklı Azot Doz ve Uygulama Zamanlarının Verim ve Verim Unsurları ile Bitki Büyüme ve Gelişmesini İzleme Parametrelerine Etkisi. *KSU. Fen Bil. Enst. Tarla B. .ABD. (Doktora Tezi).*
- YOO, K. H. ; TOUCHTON, J. T. and WILLIAMS, J. C. 1996. Tillage Effects on Seed Cotton Yields in the Tennessee Valley of Alabama. *Field Crop Abstract. Vol. 49. No.7.* 4956.
- YOUNG, E.F. Jr. ; TAYLOR, M. and PETERSEN, H.D. 1980. Day-Degree Units and Time in Relation to Vegetative Development and Fruiting for Three Cultivars of Cotton. *Crop Sci. Vol. 20:* 370-373.
- YÖN, A. ve UYSAL, C. 1980. Çukurova'da, Sulu ve Kuru Koşullarda, Pamuk Zıraatı İçin Toprak İşleme. *Tarsus Araşt. Enst. Yayınları. No.101. s. 1-21.*
- ZAKİROV, T.S. and RAKHMATOV, I.M. 1976. Defoliation of Fine Fibre Cotton in Karshi Steppe and Technological Qualities of Fibre. *Field Crop Abst. 29: 5:* 7387.
- ZARZAH, M.M. 1989. Nutrient Uptake by Surface and Subsurface Drip Irrigated Cotton. *Field Crop Abst. 42: 6.* 4602.
- ZENG, Q.F. 1997. Experimental Study on The Efficiency of K Fertilizer Applied to Cotton in Areas With Cinnamon Soil or Aquic Soil. *Field Crop Abst. 50. 1.* 608.
- ZHANG, J.F. , SHUN, J.Z. and LIU, J.L. 1991. Effect of the Nectariless Trait on Agronomic Performance in Upland Cotton. *Journal of Huazhory Agriculture University* 10 (3) 242-246.
- ZHANG Y. H., CRACER L. E., MULCAHY Y D. L. 1993. A Method to Separate Germinated from Ungerminated Polen Grans. *Environ. Exp. Bot.* 33, 415-421.
- ZHANG, S. , YANG, H., ZHU, L. and TONG, H. 1997. Ultra Cytochemical Localization of Calcium in the Pollen Tube Cotton Gynoecium. *Acta Botance Sinica.* 39 (2). 121-125.
- ZHANG N.A. ; FU J. 1997. The Effect of Highly Effective Liquid Fertilizes Used Seed Soaking. *China Cottons* 24(11)34.
- ZHANG, J. and YANG, D. 2000. The Hairy Anther Phenotype is Conditioned by two Genetics Systems in Cotton. *Proceeding of the Beltwide Cotton Conferences. Vol:* 508- 510.
- ZHAO, D.L. and OOSTERHUIS, D. 1998 a. Responses of Field Grown Cotton to Shade an Ower Wiew. *Proceedings Beltwide Cotton Conf.* 1503- 1507.
- ZHAO, D. L. and OOSTHERIUS, D. 1998 b. Evaluation of Plant Growth Regulators for Effect on the Growth and Yield of Cotton. *Field Crop Abst.* 9289.p.1242.
- ZHOU, B.L.; PENG, Y.J. ; HUANG, J.Q. and QIANG, S.Y. 1991. Cytological Observation on FHybrids of *Gossypium barbadense* with *G. aridum*, *G. raimondii* and *G. gossypoides*. *Jiangsu Journal of Acricultural Sci.* 7(2)15-21.
- ZHOU, G., YANG, F., FU, X. and WANG, X. 1996. The Influence of Climatic Differences in the Yangtze River Valley on Cotton Yield and Fibre Quality. *China Cottons.* 23(10):15-18.

- ZHOU, K. ; WU S.; JIANG, H. and PAN H..1998. A Study on the Effect of Urea-coated Cotton Seed. *China Cottons*. 25 (3) 14-15.
- ZHU, X.F. , X.D. WANG J.SUN, T.Z. ZHANG and J.J. PAN. 1998. Assesment of Cytoplasmic Effects of Cytoplasmic Male-sterile Lines in Upland Cotton. *Plant breeding* 117, 549-552.
- ZOBEL R. W. , WRİGHT M. J. , GAUCH H. G. 1988. Statistical Analysis of Yield Trial. *Agr. J.* 80: 388 -393.