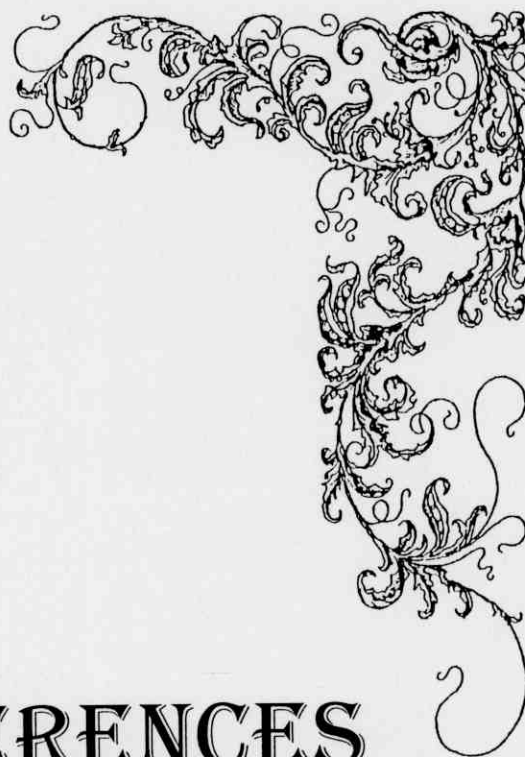
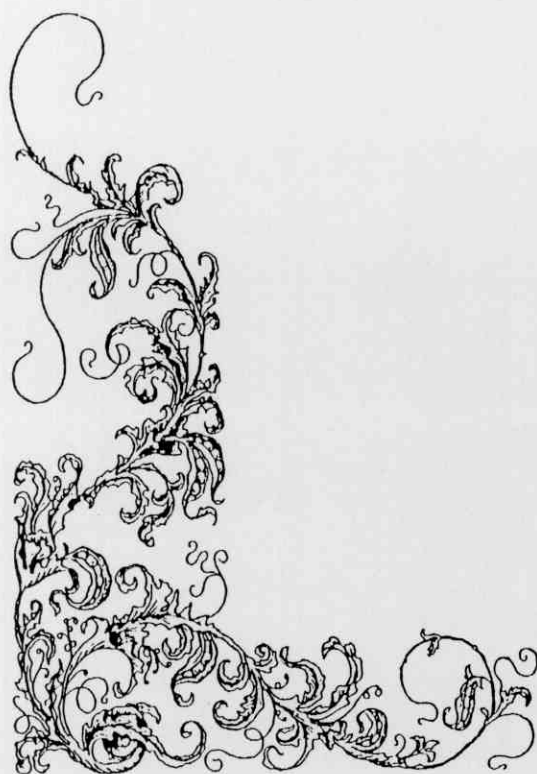




REFERENCES



6-REFERENCES

- Agrama, H.A.S, A.G.Zakaria, FB.Said, and M. Tuinstra.** 1999. Identification of quantitative trait loci for nitrogen use efficiency in maize. *Molecular-Breeding*, 5(2):187-195
- Ayrault, S, B.Gouesnard, A. Panouille and A. Boyat.** 1999. Evaluation of late inbred lines in order to improve early single maize crosses by the biadditive model and predictive genetic models. *Maydica*, 44 (3): 183-194
- Azanza, F, Y.Tadmor, B.P.Klein, T.R. Rocheford and J.A.Juvik .**1996. Quantitative trait loci influencing chemical and sensory characteristics of eating quality in sweet corn. *Genome* ,39(1): 40-50
- Bar, Z.A. and A .Schaffer.** 1993. Size and carbohydrate content of ears of baby corn in relation to endosperm type (Su, su, se sh2). *J. Amer. Soc. Hort. Sci.*, 118 (1): 141-144
- Berardo, N; M. Bertolini; A. Verderio; G.Mazzinelli; G. Sartori and M. Motto.** 1999. Variability for yield and quality related traits in commercial maize hybrids grown in different environmental conditions -Zootechnica. *Nutrizione Animale*, 25 (6): 249-258
(Cited from Agricola Data Base Internet)

- Bernardo, R. 2001.** Breeding potential of Intra - and Interheterotic Group Crosses in Maize. *Crop Sci.*, 41: 68-71
- Bhatt, G.M. .1971.** Heterotic performance and combining ability in a diallel cross among spring wheats (*T. aestivum* L.) *Austr. J. of Agric. Res.* 22:359-369.
- Bonte, D.R.and J.A. Juvik. 1990.** Characterization of sugary -1 (su-1) sugary enhancer (se) kernels in segregating sweet corn populations. *J. Amer. Soc. Hort. Sci* , 115 (1): 153-57
- Borowski, A.M.; V.A. Fritz and Lju Waters .1995.** Seed maturity and desiccation affect carbohydrate composition and leachate conductivity in shrunken - 2 sweet corn. *Hort Sci* , 30(7): 1396-1399
- Brecht, J.K., S.A. Sargent, R.C. Hochm and R.S. Tervola .1990.** Postharvest quality of supersweet (sh2) sweet corn cultivars. *Proceeding of the Florida State Hort.Soc. Publ.* 103 :283-288
- Chalyk, S.T and Chebotar, O.D.(A) .1999.** Use of maternal haploids for investigation of the genetic control of plant height in maize. *Genetika Moskva* . 35 (9): 1244-1251 (Cited from Agricola Data Base Internet)
- Chalyk, S.T .and O.D.Chebotar .(B).1999.** Utilizing maternal haploids to identify major genes controlling plant height in maize. *Czech J. of Genetics and plant*

REFERENCES

Breeding 35(3): 73-77 (Cited from Agricola Data Base Internet)

Chen, Y. ;L.M Wang; JingRui. D. and Dai. 2000. Potential of germplasm improvement using tropical, subtropical inbred lines for Chinese temperate germplasms of maize. J.of China Agric Univ. 5 (1): 50-57.

Chernov, A.A. and M.E. Mihailov .2000. The posterior evaluation of maize selection for productivity Maize Genetics. Cooperation Newsletter , 74 : 11-12 (Cited from Agricola Data Base Internet)

Choudhary, A.K. L.B. Chaudhary and K.C. Sharma. 2000. Combining ability estimates of early generation inbred lines derived from two maize populations. Indian J. Genet. 60 (1): 55-61

Cullu, M.A., A.C. Ulger, N. Guzel and I. Ortas.1999. Resonances of some maize hybrids to different nitrogen rates. Turkish J. of Agriculture and Forestry, 23 (1): 115-124 (Cited from Agricola Data Base Internet)

Daneshvar-MH.and Dickinson-DB .1999. Investigation of phyto-glycogen, sugars and starch content in sugary and starchy corn (*Zea mays* L.), Crop- Research- Hisar, 17 (2): 195-208 (Cited from Agricola Data Base Internet)

REFERENCES

- Edmeades, G.O. J. Bolanos; A.Elings, J.M. Ribaut; M.Banziger, M.E. Westgate and K.J. Boote .2000.**
The role and regulation of the anthesis silking interval in maize Physiology and modeling kernel set in maize. Proceeding of a symposium of the CSSA and ASA held in Baltimore, Maryland , USA, 18-22 october, 1998, 43-73.
- El-Hosary, A.A, H.A. Dawam and F.A. Hendawy. 1988.**
Diallel analysis of some quantilative traits in nine inbred lines of maize. Annals of Agric. Sc.Moshtohor 26(2):969-980
- El-Seidy, M.M. 2001.** Physiological studies on sweet corn. M.Sc. Thesis in Agric. Sci. Vegetable Crops Fac. of Agriculture Ain Shams Univ.Egypt.
- Flood, A.E. and C.A. Priestly .1973.** Tow improved methods for the determination of total sugars. J.Sci. Fd, Agric, 24:953
- Garcia, P.F,P. San Vicente, P. Quijada, and A. Bejarano .1999.** Repsonse to full-sib recurrent selection in tropical populations of maize. Agron. Trop. Maracay, 49 (1): 19-40 (Cited from Agricola Data Base Internet)
- Gardner, C.O. .1963.** Estimates of genetic parameters in cross fertilizing plants and their implication in plant breeding P. 225-252.In, W.D. Hanson and H.F.

REFERENCES

Robinson (eds.) Statistical genetics and plant breeding. Nat. Acad. Of Sci. Nat.Res. Counc.Pub.P. 614

Golob, T. and A.Plestenjak. 1999. Nutritive value of the grain of selected genotypes of maize (*Zea mays* L.)- Sodobno Kmetijstvo, 32 (10): 466-472 (Cited from Agricola Data Base Internet)

Griffing , B.1956. Concept of general and specific Combining ability in relation to diallel crossing systems. Austral. J. Biol . Sci 9 :463-493

Hannah, L.C., M. Giroux and C. Boyer .1993. Biotechnological modification of carbohydrates for sweet corn and maize improvement. Scientia-Horticulturae. 55 (1-2): 177-197

Harville, B.G.; L.M. Josephson and H.C.Kincer .1978. Diallel anaysis of ear height and associated characters in corn. Crop Sci. 18: 273-275

Hassan, A.A.1989.Secondary Vegetable Crops. In Arabic. Al Dar EL-Arabia Lil Nashr wa Tawzea. Cairo, Egypt.

Hema, D, K.S. Kwon; T.Toure and S.K. Kim. 1999. Genetic analysis of maize yield components in dry areas of Burkina Faso. Cahiers Agricultures , 8 (1): 64-66 (Cited from Agricola Data Base Internet)

REFERENCES

- Kaukis, K. and D.W. Davis .1986.** Sweet corn breeding . In :
Breeding vegetable crops p 475-519 . Edited by :
M.J. Bassett. AVI Pub.Co., Inc. Westport,
Connecticut, U.S.A.
- Kim, S.L, S.U. Park; S.W. Cha; J.H.Seo and T.W. Jung**
.1994. Changes inmajor quality characters during
grain filling in waxy corn and super sweet corn.
Korean J. of Crop Sci , 39 (1):73-78.
- Kirilov, A, I.Krachounov and T. Zheliazkov .1999.**
Foragequalities of maize hybrids. Changes in dry
matter, yield and composition. Rasteniiev dni
Nauki,36(10): 624-629 (Cited from Agricola Data
Base Internet)
- Kumar, S.N. and C.P. Singh .2000.** Dry matter accumulation
and partitioning in maize (*Zea mays* L.). influence
of genotype x season interaction. Crop Research
Hisar, (1): 13-19 (Cited from Agricola Data Base
Internet)
- Ling , Yu. Z; Z.J.Hua , L.X.Yang ,ZL. Zhao and Z.H.Lou**
.1999. Analysis of genetic effects on kernel traits in
maize (*Zea mays* L.) Zhejiang Nongye Kexue (4):
171-174 (Cited from Agricola Data Base Internet)
- Liu-Y,M.Zeng and-S Ye.1996.**Analysis of biochemical
constitution of new germplasm in sweet corn. Maize

REFERENCES

Genetics Cooperation-Newsletter 70: 12-13 (Cited from Agricola Data Base Internet)

Mani, V.P., N.K. Singh; G.S. Bisht and M.K.Sinha .1999. Variability and path coefficient study in indigenous maize (*Zea mays* L.) germplasm. Environment and Ecology, 17 (3) 650-653

Mazur, B., E.Krebbbers and S.Tingey.1999. Gene discovery and product development for grain quality traits. Sci. Washigton, 285:5426, 372-375 (Cited from Agricola Data Base Internet)

Mickelson, H.R., H.,Cordova; K.V. Pixley and M.S. Bjarnasonn .2001. Heterotic Relationships among nine temperate and subtropical maize populations. Crop Sci , 41 :1012-1020

Nass, L.L., M.Lima, R.Vencovsky and P.B. Gallo .2000. Combining ability of maize inbred lines evaluated in three environments in Brazil. Scientia Agricola, 57 (1): 129-134 (Cited from Agricola Data Base Internet)

Nestares, G, E. Frutos and G. Eyherabide.1999. Combining ability evaluation in flint lines of maize. Pesquisa Agropecuaria Brasileira, 34 (8): 1399-1406 (Cited from Agricola Data Base Internet)

REFERENCES

- Nevado, M.E. and H.Z.Cross 1990.** Diallel analysis of relative growth rates in Maize. *Synthetic Crop Sci.* 30 :549-552 (Cited from Agricola Data Base Internet)
- Olsen, J.K., J.E., Giles and R.A. Jordan .1990.** Post harvest carbohydrate changes and sensory quality of three sweet corn cultivars. *Scientia Horticulturae*, 44 (3-4): 179-189 (Cited from Agricola Data Base Internet)
- Pal, A.K and S.Prodhan.1994.** Combining ability analysis of grain yield and oil content along with some other attributes in maize (*Zea mays* L.). *Genet.* 54 (4): 376-380 (Cited from Agricola Data Base Internet)
- Parentoni, S.N., E. Gomes; E.E. Gama; F.J.B. Reifschneider and P.E.O. Guimaraes .1991.** Evaluation of the combining ability of ten sweet corn inbred lines. *Horticultura Brasileira* 9 (2):71-73 (Cited from Agricola Data Base Internet)
- Paul-KK; and .SC. Debanth,.1999.** Combining ability analysis in maize(*Zea mays* L.). *Pakistan Journal of Scientific and Industrial Research*,42(3):141-144 (Cited from Agricola Data Base Internet)
- Quaranta, F; E.Desiderio, M.Magini and V, Mazzon .1999.** Summer-sown maize comparison of early hybrids. *Informatora-Agrario* , 55(16): 49-52 (Cited from Agricola Data Base Internet)

REFERENCES

- Quaranta, F. V. Mazzon, M. Magini and E. Desideio. 2000.**
Summer-sown maize comparison of early hybrids.
Informatore Agrario 56 (16): 58-62 (Cited from
Agricola Data Base Internet)
- Revilla, P, A. Butron; R.A. Malvar and A. Ordas .1999.**
Relationships among kernel weight, early vigor and
growth in maize. Crop Sci., 39 (3): 654-658
- Rubino, D.B and D.W. Davis. 1990.** Response of a sweet corn x
tropical maize composite to mass selection for
temperate- zone adaptation
J. Amer. Soc. Hort. Soc. 115(5): 848-853
- Saleh, G; M.Y. Yusop and Y. T. Chai .1994.** Heritability and
response to recurrent selection in two sweet corn
varieties. Pertanika J. of Tropical Agricultural Sci.
17(3): 185-190 (Cited from Agricola Data Base
Internet)
- Silva, P .2000.** Sowing date and green ear yield of maize
cultivars. Revista Ceres, 47: 270, 189-200 (Cited
from Agricola Data Base Internet)
- Singh, S.N., K.N. Singh and H.G. Sinch .1983.** Combining
ability studies in maize Crop Improv. 10 (1): 6-9
(Cited from Agricola Data Base Internet)
- Singh, R.K. and B.D. Chaudhary. 1979.** Biometrical methods
in quantitative genetic analysis. Kalyani publishers,
New Delhi, India.

REFERENCES

- Soliman, F.H.S. and S.E. Sadek .1999.** Combining ability of new maize inbred lines and its utilisation in the Egyptian hybrid program. Bulletin of Faculty of Agriculture , University of Cairo , 50(1): 1-2
- Suksoon, Lee, Y.S. Hee, K.J. Hyeun, Yun SS, Lee, SH, Y. And J.H. Kim .1999.** Sugars, soluble solids and flavor of sweet, super sweet and waxy corn during grain filling. Korean J of Crop Sci, 44 (3): 267-272 (Cited from Agricola Data Base Internet)
- Suneetha, Y,J.R. Patel and T. Srinivas .2000.** Studies on combining ability for forage characters in maize (*Zea mays* L.). Crop Research Hisar, 19 (2):266-270 (Cited from Agricola Data Base Internet)
- Tracy, W.F.1990.** Potential of field corn germplasm for the improvement of sweet corn. Crop Sci. 30 (5): 1041-1045.
- Tracy,W.F.1994.** Sweet corn Specialty- Corns 147-187.
- Tracy,W.F.1999.** Vegetable uses of maize (corn) in pre-Columbian America. HortScience. 34(5): 812-813
- Winton, A.L. and K.B. Winton .1958.** The analysis of food . 3 rd. ed . John Wiely and Sons , Inc . New York-U.S.A
- Wong, A.D; J.A. Juvik; D.C.Breeden and J.M. Swiader .1994.** Shrunk 2 sweet corn yield and the chemical

REFERENCES

components of quality. J. Amer. Soc. Hort. Sci
119(4): 747-755

Wong, A.D.; J.M. Swiader and B.P. Klein .1995. Relationship of nitrogen sulfur fertilization and hybrid to sensory characteristics of shrunken2-sweet corn kernels. J. of food Quality. 18(5):355-367

Zelege, H. 2000. Combining ability for grain yield and other agronomic characters in inbred lines of maize (*Zea mays* L.). Indian J. Genet. , 60 (1): 63-70

REFERENCES