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Potential New Crop: Kenaf, Commercial Fiber & Pulp Source January 1979 - June 1992

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aZ5071.N3 no.92-54

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JOURNAL ARTICLE:

Article title.

Author. Place of publication: Publisher. Journal Title.
Date. Volume (Issue). Pages. (NAL Call Number).

Example:

Morrison, S.B. Denver, Colo.: American School Food Service Association. School foodservice journal. Sept 1987. v. 41 (8). p.48-50. ill. (NAL Call No.: DNAL 389.8.SCH6).

BOOK:

Title.
Author. Place of publication: Publisher, date. Information on
pagination, indices, or bibliographies. (NAL Call
Number).

Example:

Exploring careers in dietetics and nutrition.
Kane, June Kozak. New York: Rosen Pub. Group, 1987.
Includes index. xii, 133 p.: ill.; 22 cm. Bibliography: p.
126. (NAL Call No.: DNAL RM218.K36 1987).

AUDIOVISUAL:

Title.
Author. Place of publication: Publisher, date.
Supplemental information such as funding. Media format
(i.e., videocassette): Description (sound, color, size). (NAL
Call Number).

Example:

All aboard the nutri-train.
Mayo, Cynthia. Richmond, Va.: Richmond Public Schools,
1981. NET funded. Activity packet prepared by Cynthia
Mayo. 1 videocassette (30 min.): sd., col.; 3/4 in. +
activity packet. (NAL Call No.: DNAL FNCTX364.A425 F&N AV).

Potential New Crop: Kenaf, Commercial Fiber & Pulp Source
January 1979 - June 1992

Search Strategy

S1 241 HIBISCUS()CANNABINUS OR KENAF

Quick Bibliography Series

1 NAL Call. No.: 73.8 L542
Stand density of kenaf seed crops
Saidburkhanov, F.; Tulaganova, D.
Moskva, "Kolos"; Apr 1978.
Len i konoplia (4): p. 29. ill; Apr 1978.

Language: RUSSIAN

2 NAL Call. No.: 73.8 L542
Testing of (the herbicide) trifluralin in kenaf crops
harvested in green stage
Nazirov, Kh; Khidzhanazarov, Kh
Moskva, "Kolos"; May 1978.
Len i konoplia (5): p. 26. ill; May 1978.

Language: RUSSIAN

3 NAL Call. No.: 73.8 L542
Interrow tillage of kenaf crops (for weed control)

Chakhalov, A.; Radzhabova, M.
Moskva, "Kolos"; May 1978.
Len i konoplia (5): p. 31. ill; May 1978.

Language: RUSSIAN

4 NAL Call. No.: 73.8 L542
Peculiarities of operating machine LO-I (for bast separation of
harvested kenaf stems)
Tukubaev, T.B.; Achildiev, S.
Moskva, "Kolos"; July 1978.
Len i konoplia (7): p. 30-31. ill; July 1978.

Language: RUSSIAN

5 NAL Call. No.: 73.8 L542
From 3 to 180 centners per hectare (Kenaf, achievements of
scientific activities of the Uzbek Experimental Station of
Fiber Crops, breeding, culture)
Nazirov, Kh.N.
Moskva, "Kolos"; Nov 1977.
Len i konoplia (11): p. 20-23; Nov 1977.

Language: RUSSIAN

Descriptors: USSR

6 NAL Call. No.: 20 AK16
Two new species (of plant parasite) nematodes of genus
Helicotylenchus on Cuba (Nematoda, Hoplolaimidae)
(Helicotylenchus orientalis on kenaf and Helicotylenchus
holguinensis on sugarcane)
Sagitov, A.; Sampedro, Kh
Alma-Ata; Oct 1978.
Vestnik sel'skokhoziaistvennoi nauki KazakhstanaKazakh S.S.R.
Ministerstvo sel'skogo khoziaistva (10): p. 52-55. ill; Oct 1978.
2 ref.

Language: RUSSIAN; KAZAKH

Descriptors: Cuba

7 NAL Call. No.: QD241.K45
Comparative study of phospholipids of kenaf seeds
Tolibaev, I.; Mukhamedova, Kh.S.
Tashkent, "Fan"; 1978.
Khimiia prirodnikh soedinenii (5): p. 559-562. ill; 1978. 9 ref.

Language: ENGLISH

8 NAL Call. No.: QD241.K45
Isolation of separate dioxane lignin fractions from kenaf
stems and their study
Kul'chik, N.IA; Dalimova, G.N.
Tashkent, "Fan"; 1978.
Khimiia prirodnikh soedinenii (5): p. 637-641. ill; 1978. 12 ref.

Language: ENGLISH

9 NAL Call. No.: QD241.K45
Study of the structure of kenaf lignins by the alkaline
nitrobenzene oxidation method
Geronikaki, A.A.; Dalimova, G.N.
Tashkent, "Fan"; 1978.
Khimiia prirodnkh soedinenii (5): p. 641-645. ill; 1978. 14 ref.

Language: ENGLISH

10 NAL Call. No.: 73.8 L542
Uzbekskii 1503 (kenaf variety) on farms (in Uzbekistan)
Pereverzev, G.A.
Moskva, "Kolos"; Oct 1978.
Len i konoplia (10): p. 23-24. ill; Oct 1978.

Language: ITALIAN

Descriptors: USSR

11 NAL Call. No.: 73.8 L542
Two-layer plowing for cultivation of kenaf harvested in a
green phase
Nazirov, Kh.N.; Radzhabova, M.IA
Moskva, "Kolos"; Oct 1978.
Len i konoplia (10): p. 26-27. ill; Oct 1978.

Language: ITALIAN

12 NAL Call. No.: QD241.K45
Components of the leaves of (kenaf) Hibiscus cannabinus.
Makhsudova, B.
Tashkent, "Fan"; 1979.
Khimiia prirodnkh soedinenii (2): p. 219. ill; 1979. 5 ref.

Language: RUSSIAN

13 NAL Call. No.: QD241.K45
Polyphenolic compounds of the roots of (kenaf) Hibiscus
cannabinus.
Makhsudova, B.; Fam Ban Tkhun', Otroshchenko, O.S.
Tashkent, "Fan"; 1979.
Khimiia prirodnkh soedinenii (2): p. 233-234; 1979. 3 ref.

Language: RUSSIAN

14 NAL Call. No.: QD241.K45
Dioxane lignins of the bast and boon of kenaf.
Dalimova, G.N.; Geronikaki, A.A.; IAnishevskaiia, E.N.;
Abduazimov, Kh.A.
Tashkent, "Fan"; 1979.
Khimiia prirodnkh soedinenii (1): p. 74-82. ill; 1979. 20 ref.

Language: RUSSIAN

15 NAL Call. No.: QD241.K45
Polyphenols of (kenaf) Hibiscus cannabinus leaves.
Makhsudova, B.; Agalikova, M.
Tashkent, "Fan"; 1979.
Khimiia prirodnkh soedinenii (1): p. 97; 1979. 8 ref.

Language: RUSSIAN

16 NAL Call. No.: 58.8 M11
Weed separator of the combine for harvesting green kenaf.
Abdukadyrov, A.; Shakirov, K.
Moskva, "Kolos"; Oct 1978.
Tekhnika v sel'skom khoziaistve (10): p. 88-89. ill; Oct 1978.

Language: RUSSIAN

17 NAL Call. No.: 442.8 UZ1
Intensification of kenaf water retting with the aid of
pectolytic enzymes of fungus *Aspergillus niger*.
Zakirov, M.Z.; Burtman, B.G.; Khidoiatov, A.A.
Tashkent, "Fan"; 1979.
Uzbekskii biologicheskii zhurnal (5): p. 17-19; 1979. 3 ref.

Language: RUSSIAN

18 NAL Call. No.: 73.8 L542
Application of fertilizers in kenaf crops harvested in green stage.
Pisareva, A.V.; Kasimova, Z.A.
Moskva, "Kolos"; June 1979.
Len i konoplia (6): p. 18; June 1979.

Language: RUSSIAN

19 NAL Call. No.: 73.8 L542
Irrigation of kenaf harvested in green stage by the sprinkling
method.
Nazirov, Kh; Azimov, Kh; Valiulin, A.; Nuritdinov, M.
Moskva, "Kolos"; June 1979.
Len i konoplia (6): p. 18-19; June 1979.

Language: RUSSIAN

20 NAL Call. No.: 73.8 L542
Application of phosphorus fertilizers for cultivation of kenaf
harvested at green stage.
Pisareva, A.V.
Moskva, "Kolos"; Aug 1979.
Len i konoplia (8): p. 33-34; Aug 1979.

Language: RUSSIAN

21 NAL Call. No.: 385 UZ1
Water-soluble polymer based on kenaf scutch (Cellulose
containing raw material).
Muinov, B.Kh; Abidkhanov, A.; Alimov, A.A.
Tashkent, "Fan"; 1980.
Uzbekskii khimicheskii zhurnal (4): p. 37-40. ill; 1980. 5 ref.

Language: RUSSIAN

22 NAL Call. No.: 73.8 L542
Yields of kenaf seed crops (Uzbekistan).

Saidburkhanov, F.; Tulaganova, D.
Moskva, "Kolos"; Jan/Feb 1980.
Len i konoplia (1): p. 29; Jan/Feb 1980.

Language: RUSSIAN

Descriptors: USSR

23 NAL Call. No.: 73.8 L542
Presowing soil tillage for the cultivation of kenaf harvested in the green stage.
Abdurazakova, N.A.
Moskva, "Kolos"; Feb 1980.
Len i konoplia (2): p. 25-26; Feb 1980.

24 NAL Call. No.: 73.8 L542
Intensive rinsing of kenaf fiber.
Suslov, N.N.; Arifkhanov, U.Kh; Gumarov, Sh.M.
Moskva, "Kolos"; May/June 1980.
Len i konoplia (3): p. 49-50. ill; May/June 1980.

25 NAL Call. No.: TS932.K45
Studies of structural-chemical transformations in the process of obtaining and acetylation of nitrate cellulose from cotton stems, kenaf shive and birch wood.
Anokhin, A.P.; Sidikov, A.; Razikov, K.Kh; Makhsudov, IU.M.; Abdurashidov
T.R.; Usmanov, Kh.U.
Riga, "Zinatne"; Nov/Dec 1980.
Khimiia drevesiny (6): p. 13-25. ill; Nov/Dec 1980. 16 ref.

26 NAL Call. No.: 73.8 L542
Reaper-binder for harvesting kenaf seed crops (Model KU-0.2-I).
Abdukadyrov, A.; Miftakhov, Sh
Moskva, "Kolos"; Sept/Oct 1980.
Len i konoplia (5): p. 35; Sept/Oct 1980.

27 NAL Call. No.: 73.8 L542
Development of scientific studies (50th anniversary of the Uzbek Experimental Station of Bast Fiber Crops, kenaf cultivation and breeding).
Nazirov, Kh.N.
Moskva, "Kolos"; Nov/Dec 1980.
Len i konoplia (6): p. 12-13. ill; Nov/Dec 1980.

Descriptors: USSR

28 NAL Call. No.: 73.8 L542
Treflan on kenaf crops (Herbicide).
Nazirov, Kh; LEKOA; Tukhtaeva, S.
Moskva : "Kolos"; Mar/Apr 1981.
Len i konoplia (2): p. 34; Mar/Apr 1981.

Language: Russian

29 NAL Call. No.: 73.8 L542
Bitoxibacillin for the control of harmful Noctuidae moths

(Pests of kenaf, *Scotia segetum*, *Chloridea armigera*, preparation of *Bacillus thuringiensis*, Uzbek SSR).

Egamnazarov, A.P.; LEKOA

Moskva : "Kolos"; July/Aug 1981.

Len i konoplia (4): p. 14; July/Aug 1981.

Language: Russian

Descriptors: USSR

30 NAL Call. No.: 73.8 L542

Effect of the harvesting and threshing dates of kenaf on the yields and quality of seed.

Saidburkhanov, F.S.; LEKOA; Tulaganova, D.D.; Madzhidov, S.M.

Moskva : "Kolos"; Nov/Dec 1981.

Len i konoplia (6): p. 22-23; Nov/Dec 1981.

Language: Russian

31 NAL Call. No.: 73.8 L542

Effectiveness of ammophos on kenaf harvested at the green stage.

Pisareva, A.V.; LEKOA; Kasimova, Z.A.

Moskva : "Kolos"; Nov/Dec 1981.

Len i konoplia (6): p. 24; Nov/Dec 1981.

Language: Russian

32 NAL Call. No.: 58.8 M11

Thresher for threshing seed producing kenaf crops.

Parton, L.A.; TSKZA; Abdukadyrov, A.

Moskva : "Kolos"; Nov 1981.

Tekhnika v sel'skom khoziaistve (11): p. 36. ill; Nov 1981.

Language: Russian

33 NAL Call. No.: 442.8 UZ1

Physiological-biochemical fundamentals of yield increase of green harvested kenaf as affected by impulse concentrated radiation

Umarov, Kh.T.; Azizov, T.B.; Anarbaev, I.; Makhmudova, M.;

IAkubova, Z.

Tashkent : "Fan"; 1984.

Uzbekskii biologicheskii zhurnal (4): p. 13-15; 1984.

Includes 4 references.

Language: Russian

Descriptors: *Hibiscus cannabinus*; Seed treatment; Radiation; Yield increases; Plant physiology; Biochemistry

34 NAL Call. No.: 442.8 UZ1

Photosynthesis and productivity of new promising varieties of kenaf in seed and green harvested crops

Bykov, O.D.; Nazirov, Kh.N.; Umarov, Kh.T.; Anarbaev, I.U.; Azizov, T.B.

Tashkent : "Fan"; 1984.

Uzbekskii biologicheskii zhurnal (4): p. 15-17; 1984.

Includes 2 references.

Language: Russian

Descriptors: Hibiscus cannabinus; Seed crops; Fiber plants;
Varieties; Photosynthesis

35 NAL Call. No.: TS932.J68
A 14C balance on nitrobenzene oxidized kenaf lignin.
Abbott, T.P.; Bagby, M.O.
New York, N.Y. : Marcel Dekker; 1986 Dec.
Journal of wood chemistry and technology v. 6 (4): p. 487-494; 1986
Dec. Includes references.

Language: English

Descriptors: Kenaf; Lignin; Oxidation; Benzene derivatives;
Radioactive isotopes; Carbon

36 NAL Call. No.: 100 M69IN
1989 kenaf variety trial.
Neill, S.W.; Kurtz, M.E.
Mississippi State, Miss. : The Station; 1990 Apr.
Information sheet - Mississippi Agricultural & Forestry
Experiment Station (1326): 5 p.; 1990 Apr. Includes
references.

Language: English

Descriptors: Mississippi; Hibiscus cannabinus; Variety trials;
Agronomic characteristics

37 NAL Call. No.: 100 M69IN
1990 kenaf variety trial.
Neill, S.W.; Kurtz, M.E.
Mississippi State, Miss. : The Station; 1991 Mar.
Information sheet - Mississippi Agricultural & Forestry
Experiment Station (1330): 3 p.; 1991 Mar. Includes
references.

Language: English

Descriptors: Mississippi; Hibiscus cannabinus; Variety trials

38 NAL Call. No.: S79.E34 no.214
1991 evaluation of agricultural chemicals in kenaf and soybean for
Mississippi.. Evaluation of agricultural chemicals in
kenaf & soybean for Mississippi
Kurtz, Mark E.
Mississippi State : Dept. of Information Services, Division of
Agriculture, Forestry, and Veterinary Medicine, Mississippi State
University,; 1992.
v, 263 p. ; 28 cm. (Information bulletin (Mississippi
Agricultural and Forestry Experiment Station) ; 214.). Cover
title: Evaluation of agricultural chemicals in kenaf & soybean for
Mississippi. January 1992.

Language: English

39 NAL Call. No.: T1.N7
Abaca, kenaf and pineapple fibers for nonwoven fabrics.
de Guzman, Z.I.; Berana, N.B.; Reyes, A.M. Jr

Manila, Philippines, The Board; Jan/Mar 1982.
NSTA technology journal - National Science Development Board v. 7
(1): p. 77-87. ill; Jan/Mar 1982. 12 ref.

40 NAL Call. No.: 23 AU792
Agronomic studies on the productivity of kenaf (*Hibiscus cannabinus* L. cv. Guatemala 4) under rainfed and irrigated conditions in the Northern Territory.
Muchow, R.C.; Sturtz, J.D.; Spillman, M.F.; Routley, G.E.; Kaplan, S.; Martin, C.C.; Bateman, R.J.
East Melbourne : Commonwealth Scientific and Industrial Research Organization; 1990.
Australian journal of experimental agriculture v. 30 (3): p.395-403; 1990. Includes references.

Language: English

Descriptors: Australian northern territory; *Hibiscus cannabinus*; Agronomic characteristics; Crop production; Crop yield; Field experimentation; Irrigated conditions; Nitrogen fertilizers; Rain; Sowing date; Temperature; Yield components

41 NAL Call. No.: SB255.L84
Agrotekhnika vysokikh urozhaev kenafa i konopli [Agricultural practices for high yields of kenaf and hemp].
Lukashevich, E. S.
Frunze : MSKh Kirgizskoi SSR,; 1960.
35 p. : ill. ; 21 cm. At head of title: Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR. Kirgizskii nauchno-issledovatel'skii institut zemledeliia. Chuiskaia opytnaia stantsiia lubianikh kul'tur.

Language: Russian

Descriptors: Hemp; Kirghiz S.S.R; Kenaf; Kirghiz S.S.R; Crop yields; Kirghiz S.S.R

42 NAL Call. No.: 23 AU792
Alley cropping kenaf (*Hibiscus cannabinus*) with leucaena (*Leucaena leucocephala*) in south-eastern Queensland.
Gutteridge, R.C.
Melbourne : Commonwealth Scientific and Industrial Research Organization; 1988.
Australian journal of experimental agriculture v. 28 (4): p. 481-484; 1988. Includes references.

Language: English

Descriptors: Queensland; *Hibiscus cannabinus*; *Leucaena leucocephala*; Intercropping; Mulching; Row spacing; Cutting height; Yields

43 NAL Call. No.: QK641.A1F5
Anatomy of pregermination to postgermination embryos of *Hibiscus cannabinus*.
Datta, P.C.; Chowdhury, A.
Jena, Gustav Fischer; 1981.
Flora; morphologie, geobotanik, oekophysiologie v. 171 (3): p. 266-279. ill; 1981. Bibliography p. 277-279.

Language: English

44 NAL Call. No.: 23 AU74
Application of a forage harvester for harvesting kenaf for
paper-pulp production (Australia).
Quick, G.R.; Wood, I.M.; Rawlins, W.H.
Oxford, Pergamon Press; 1980.
The Journal of the Australian Institute of Agricultural
Science v. 46 (3): p. 170-174. ill; 1980. 8 ref.

Descriptors: Australia

45 NAL Call. No.: TS1171.T3
An Australian kenaf pulp mill based on the ankal method of
separation of the bast and core fibers.
Kaldor, A.F.
Atlanta, Ga. : TAPPI Press; 1988.
Pulping Conference : [proceedings] (Book 1): p. 123-127; 1988.
Includes references.

Language: English

Descriptors: Australia; Kenaf; Pulp and paper industry;
Hibiscus cannabinus; Pulping; Chemical pulp; Harvesting

46 NAL Call. No.: QL483.I4J6
Beauveria bassiana (Bals.) Vuill., as a pathogen of Nisotra
orbiculata (Mots.) infesting mesta, Hibiscus cannabinus L.
Pandit, N.C.; Som, D.; Chatterji, S.M.
New Delhi, Malhotra Publishing House; June 1979.
Journal of entomological research v. 3 (1): p. 111-113. ill; June
1979. 9 ref.

Language: ENGLISH

47 NAL Call. No.: QL483.I4J6
Bionomics of Nisotra orbiculata (Motsch) (Coleoptera:
Chrysomelidae) (Pest of kenaf, roselle and jute fibre plants).
Pandit, N.C.; Chatterji, S.M.
New Delhi, Malhotra Publishing House; June 1978.
Journal of entomological research v. 2 (1): p. 49-54. ill;
June 1978. 2 ref.

Language: ENGLISH

48 NAL Call. No.: A00049
Biotechnology/agricultural: seeds summary.
Roe, P.
Austin, Tex. : ICB Institute; 1990.
Leading-edge technologies. p. 7, 9-10; 1990.

Language: English

Descriptors: Biotechnology; Hibiscus cannabinus; Pulp and
paper industry; Solanum tuberosum; Seeds; Genetic engineering

49 NAL Call. No.: 302.8 T162
Brightening of kenaf thermomechanical pulp (Hibiscus
cannabinus as a commercial fiber source, nonwood plants).
Cunningham, R.L.; Touzinsky, G.F.

Atlanta, Ga., Technical Association of the Pulp and Paper Industry; Apr 1979.

Tappi v. 62 (4): p. 69-70. ill; Apr 1979. 9 ref.

Language: ENGLISH

50 NAL Call. No.: 99.8 H74

Brightening of roselle and kenaf chemi-thermomechanical pulps by conventional and refiner bleaching.

Nishiyama, M.; Matsuo, R.; Kobayashi, Y.

Berlin, W. Ger. : Walter de Gruyter; Apr 1984.

Holzforschung v. 38 (2): p. 113-118; Apr 1984. Includes references.

Language: English; German

51 NAL Call. No.: 450 AM36

Carbohydrate availability, respiration, and the growth of kenaf (*Hibiscus cannabinus*) under moderate salt stress.

Curtis, P.S.; Davis, California; Zhong, H.L.; Lauchli, A.; Percy, R.W.

Columbus, Ohio : Botanical Society of America; 1988 Sep.

American journal of botany v. 75 (9): p. 1293-1297; 1988 Sep.

Include references.

Language: English

Descriptors: *Hibiscus cannabinus*; Sodium chloride; Stress; Carbohydrates; Nutrient availability; Respiration; Growth; Leaf analysis

52 NAL Call. No.: 307.8 J82

Changes in lipid class and fatty acid compositions during maturation of *Hibiscus esculentus* and *Hibiscus cannabinus* seeds (Okra, kenaf).

Lakshminarayana, G.; Kaimal, T.N.B.; Gopalakrishnan, N.

Champaign, Ill. : The Society; July 1984.

Journal of the American Oil Chemists' Society v. 61 (7): p. 1249-1253; July 1984. Includes references.

Language: English

53 NAL Call. No.: 24 EA74

Chemical control of insect pests of kenaf (*Hibiscus cannabinus*) with pirimiphos-methyl ULV (ultralow volume) formulation (Tanzania).

Luhanga, W.W.; EAFJA; Kayange, W.K.

Nairobi : Kenya Agricultural Research Institute; 1979 (pub. 1983).

East African agricultural and forestry journal v. 44 (3): p. 243-248. ill; 1979 (pub. 1983). Includes references.

Language: English

Descriptors: Tanzania

54 NAL Call. No.: SB950.A1P3

Chemical weed control in kenaf, *Hibiscus cannabinus* L., in Central Sudan.

Fageiry, K.A.

London : Taylor & Francis; 1985 Jan.
Tropical pest management v. 31 (1): p. 27-29; 1985 Jan.
Includes references.

Language: English

Descriptors: Sudan; Hibiscus cannabinus; Clay soils; Weed control; Herbicide application; Application date; Crop damage; Crop yield

55 NAL Call. No.: QD241.K453
Cleavage by sodium in liquid ammonia of kenaf lignins and the biological activity of the cleavage products.
Dalimova, G.N.; Khushbaktova, Z.A.; Syrov, V.N.; Abduazimov, Kh.A.
New York, N.Y. : Consultants Bureau; 1988 Mar.
Chemistry of natural compounds v. 23 (5): p. 616-619; 1988 Mar. Translated from: Khimiia prirodnikh soedinenii, (5), 1987, p. 738-742. (QD241.K45)
Includes references.

Language: English; Russian

Descriptors: Hibiscus cannabinus; Lignin; Stems; Cleavage; Sodium; Ammonia

56 NAL Call. No.: QD241.K453
Cleavage of the natural lignin and the dioxane lignin of kenaf by thioacetic acid.
Dalimova, G.N.; Abduazimov, Kh.A.
New York, N.Y. : Consultants Bureau; 1986 Sep.
Chemistry of natural compounds v. 22 (2): p. 218-219; 1986 Sep. Translated from: Khimiia prirodnikh soedinenii, (2), 1986, p. 234-235. (QD241.K45). Includes references.

Language: English; Russian

Descriptors: Hibiscus cannabinus; Lignin; Dioxane; Chemical degradation

57 NAL Call. No.: 1 AG84Y
Commercializing promising technologies.
O'Connell, P.F.
Washington, D.C. : U.S. Department of Agriculture; 1988.
The ... Yearbook of agriculture. p. 153-158. ill; 1988. In series analytic: Marketing U.S. agriculture / edited by Deborah Takiff Smith.

Language: English

Descriptors: U.S.A.; Kenaf; Parthenium argentatum; Morone; New products; Product development; Usda; Demonstrations; Extension; Aquaculture; Projects

58 NAL Call. No.: SB160.N38 1988
Commercializing promising technologies.
O'Connell, P.F.
Portland, Or. Timber Press; 1988.
Advances in new crops : proceedings of the First National Symposium NEW CROPS, Research, Development, Economics, Indianapolis, Indiana, Oct 23-26, 1988 edited by Jules Janick, J.E. Simon. p. 25-28; 1988.

Language: English

Descriptors: U.S.A.; Kenaf; *Parthenium argentatum*; New products; Bass; Hybrids; Genetic improvement; Commodity markets; Technology transfer; Product development; Research projects

59 NAL Call. No.: QD241.K453
A comparative study of the phospholipids of kenaf seeds.
Tolibayev, I.; Mukhamedova, Kh.S.; Akramov, S.T.
New York, Consultants Bureau; Sept/Oct 1978 (pub. 1979).
Chemistry of natural compounds v. 14 (5): p. 481-483; Sept/Oct 1978 (pub. 1979). 9 ref.

60 NAL Call. No.: SB741.R7B6
Complejo patogenico de *Rhizoctonia* sp., *Fusarium* sp., *Sclerotium* sp. y el nematodo nodulador (*Meloidogyne incognita*) en Kenaf (*Hibiscus cannabinus* L.) [Pathogenic complex of *Rhizoctonia* sp., *Fusarium* sp., *Sclerotium* sp. and the root-knot nematode (*Meloidogyne incognita*) in Kenaf (*Hibiscus cannabinus* L.)].
Bonilla Reyes, Edmundo Asdrubal
Universidad de San Carlos de Guatemala, Facultad de Agronomia.
Guatemala, Guatemala (Ciudad Universitaria, Zona 12, Apartado Postal No. 1545, Guatemala, Centro America) Universidad de San Carlos de Guatemala, Facultad de Agronomia; 1975.
39 leaves : ill. ; 27 cm. At head of title: Universidad de San Carlos de Guatemala, Facultad de Agronomia. Summary in English.
Bibliography: leaves 37-39.

Descriptors: Nematode diseases of plants; Guatemala; Kenaf; Guatemala; Plant nematodes; Guatemala; Root-knot; Guatemala

61 NAL Call. No.: QD241.K453
Components of the leaves of (kenaf) *Hibiscus cannabinus*.
Makhsudova, B.
New York, Consultants Bureau; Mar/Apr 1979.
Chemistry of natural compounds v. 15 (2): p. 186; Mar/Apr 1979. 5 ref.

Language: ENGLISH; RUSSIAN

62 NAL Call. No.: aHD1751.A42
Congress plans for "industrial" crops.
Glaser, L.
Rockville, Md. : The Service; 1990 Sep.
Agricultural outlook A0 - U.S. Department of Agriculture, Economic Research Service (167): p. 13-15. ill; 1990 Sep.

Language: English

Descriptors: U.S.A.; Soybeans; Kenaf; *Parthenium argentatum*; Oilseeds; Commercial farming; Industrial crops; Agricultural research; Program development; Usda; Legislation

63 NAL Call. No.: 436.8 N342
Consumption of food reserves by starved second-stage juveniles of *Meloidogyne javanica* (propagated on kenaf) under conditions inducing osmobiosis.

Reversat, G.
Leiden, Brill; Mar 1981.
Nematologica v. 27 (2): p. 207-214. ill; Mar 1981. 23 ref.

64 NAL Call. No.: QK867.I52 1984
Contribution a l'optimisation de la fertilisation de
l'Hibiscus cannabinus. I. Bilan des exportations et
mobilisations [Fertilization optimization of Hibiscus
cannabinus. 1. Balance of transport and mobilization].
Belem, C.; Boulanger, J.; Braud, M.; Gramain, E.; Laine, G.
Montpellier, France : Martin-Prevel, AIONP/GERDAT; 1984.
ACTES; proceedings ; Montpellier, 2-8 Sept. 1984. v. 1, p.
45-52; 1984. Paper presented at the 6th International
Colloquium for the Optimization of Plant Nutrition,
Montpellier, France, 1984. Includes references.

Language: French

Descriptors: Hibiscus cannabinus; Nutrient requirements;
Nutrient transport; Mobilization; Fertilizers; Optimization

65 NAL Call. No.: QK867.I52 1984
Contribution a l'optimisation de la fertilisation de
l'Hibiscus cannabinus. II. Essais de pilotage de la nutrition
azotee [Fertilization optimization of Hibiscus cannabinus. 1.
Pilot study of nitrogen nutrition].
Belem, C.; Boulanger, J.; Braud, M.; Gramain, E.; Laine, G.
Montpellier, France : Martin-Prevel, AIONP/GERDAT; 1984.
ACTES; proceedings ; Montpellier, 2-8 Sept. 1984. v. 1, p.
53-60; 1984. Paper presented at the 6th International
Colloquium for the Optimization of Plant Nutrition,
Montpellier, France, 1984.

Language: French

Descriptors: France; Hibiscus cannabinus; Nutrient
requirements; Nitroge
fertilizers; Optimization methods; Leaf analysis

66 NAL Call. No.: QL391.N4J62
Control of Meloidogyne javanica and Meloidogyne arenaria
(nematodes) on kenaf and roselle with genetic resistance and
nematicides.
Minton, N.A.; Adamson, W.C.
Ames, Iowa Society of Nematologists; Jan 1979.
Journal of nematology v. 11 (1): p. 37-41. ill; Jan 1979. 6 ref.

Language: ENGLISH

67 NAL Call. No.: S471.I3J6
Correlation and regression of fibre yield with its components in
ambadi (Hibiscus cannabinus L.).
Navale, P.A.; Sonone, H.N.
Pune, B.P. Patil; Sept 1981.
Journal of Maharashtra agricultural universities v. 6 (3): p.
197-198; Sept 1981. 4 ref.

Language: English

Descriptors: India

68 NAL Call. No.: S471.I3J6
Correlation and regression studies of some yield components in the
F2 population of Ambadi (*Hibiscus cannabinus*, Indian fiber crop).
Navale, P.A.; JMAUD
Pune : D.R. Bapat; Sept 1983.
Journal of Maharashtra agricultural universities v. 7: p. 264; Sept
1983. Includes references.

Language: English

Descriptors: India

69 NAL Call. No.: S471.I3J6
Correlation studies in F2 progeny of a Mesta cross (*Hibiscus*
cannabinus L.) (Var. H. C. 583 X N. P. 6) (Kenaf).
Patil, R.C.; Thombre, M.V.
Pune B. P. Patil; Jan 1978.
Journal of Maharashtra agricultural universities v. 3 (1): p.
32-33. ill; Jan 1978. 3 ref.

Language: ENGLISH

Descriptors: India

70 NAL Call. No.: S22.C6 no.102
Development of new crops : needs, procedures, strategies, and
options.
Council for Agricultural Science and Technology.
Ames, Iowa Council for Agricultural Science and Technology; 1984.
30 p. : ill. ; 28 cm.. (Council for Agricultural Science and
Technology report, 0194-4088 ; no. 102). "October 1984.
Includes bibliographical references.

Language: English

Descriptors: Oilseed plants; Soybean; Sunflowers; Rape
(Plant); Mustard; Jojoba; Kenaf; Guayule

71 NAL Call. No.: 64.8 C883
Differential response of kenaf (*Hibiscus cannabinus*) to gray mold
(*Botrytis cinerea*).
Campbell, T.A.; O'Brien, M.J.
Madison, Wis., Crop Science Society of America; Jan/Feb 1981. Crop
science v. 21 (1): p. 88-90; Jan/Feb 1981. 4 ref.

72 NAL Call. No.: QD241.K453
Dimeric proanthocyanidins of *Hibiscus cannabinus* (isolated
from the bark and roots, kenaf).
Fam, V.T.; CHNCA; Makhsudova, B.; Otroshchenko, O.S.
New York : Consultants Bureau; May/June 1982.
Chemistry of natural compounds v. 18 (3): p. 310-314. ill;
May/June 1982. Translated from: *Khimiia prirodnikh soedinenii*, p.
336-340. (QD241.K45). Includes references.

Language: English; Russian

73 NAL Call. No.: SB160.N38 1988
Economics of kenaf production in the lower Rio Grande Valley of
Texas.

Scott, A.W. Jr; Taylor, C.S.
Portland, Or. Timber Press; 1988.
Advances in new crops : proceedings of the First National
Symposium NEW CROPS, Research, Development, Economics,
Indianapolis, Indiana, Oct 23-26, 1988 edited by Jules Janick, J.E.
Simon. p. 292-297; 1988. Includes references.

Language: English

Descriptors: Texas; Kenaf; *Hibiscus cannabinus*; Production
economics; Profitability; Agricultural budgets; Cost benefit
analysis; Returns; Crop yield

74 NAL Call. No.: 464.8 Z1
Efektivnost *Trichogramma evanescens* West (Hymenoptera,
Trichogrammatidae) u parazitiranju jaja kukuruznog plamenca na
raznim biljkama hraniteljkama [Effectiveness of *Trichogramma*
evanescens West (Hymenoptera, *Trichogrammatidae*) in
parasitizing the eggs of the European corn borer on different host
plants].
Manojlovic, B.
Beograd, Yugoslavia : Institut za zastitu bilja; 1984.
Zastita bilja; Plant protection v. 35 (4): p. 347-356; 1984.
Includes 11 references.

Language: Serbo-Croatian (Roman)

Descriptors: *Trichogramma evanescens*; Parasites of insect
pests; Pest control; Eggs; *Ostrinia nubilalis*; *Hibiscus*
cannabinus; *Humulus lupulus*; *Zea mays*; Plant density

75 NAL Call. No.: 23 AU74
Effect if time of sowing and age at harvest on kenaf (*Hibiscus*
cannabinus L.) in the wet tropics (Cultivars).
Ferraris, R.
Sydney; 1979.
Journal Australian Institute of Agricultural Science v. 45 (2): p.
132-136. ill; 1979. 8 ref.

Language: ENGLISH

Descriptors: Australia

76 NAL Call. No.: 24 EA74
The effect of age at harvest on dry ribbon yield of kenaf, in the
Kenana area of the Sudan.
Salih, F.A.
Nairobi : Kenya Agricultural Research Institute; 1980,
reprinted 1984.
East African agricultural and forestry journal v. 45 (3): p.
242-244; 1980, reprinted 1984. Includes 6 references.

Language: English

Descriptors: Sudan; *Hibiscus cannabinus*; Age; Harvesting;
Yields

77 NAL Call. No.: TS1171.T3
The effect of gibberellic acid on the growth and pulp
properties of kenaf.
Abbott, T.P.; Touzinsky, G.F.; Kwolek, W.F.; Bagby, M.O.

Atlanta, Ga. : TAPPI Press; 1987.
Pulping Conference : [proceedings] (book 2): p. 275-280; 1987.
Includes references.

Language: English

Descriptors: Kenaf; Hibiscus cannabinus; Fiber quality;
Length; Fiber pulp; Crop yield; Ga

78 NAL Call. No.: 19 AC8
Effect of inbreeding on some major characteristics of hemp. Van
Lai, T.
Budapest : Akademia Kiado; 1985.
Acta agronomica Academiae Scientiarum Hungaricae v. 34 (1/2): p.
77-84; 1985. Includes references.

Language: English

Descriptors: Hibiscus cannabinus; Inbreeding; Varieties; Fiber
content; Yield components; Yields

79 NAL Call. No.: 23 AU783
Effect of leaf nitrogen and water regime on the photosynthetic
capacity of kenaf (Hibiscus cannabinus L.) under field
conditions.
Muchow, R.C.
Melbourne : Commonwealth Scientific and Industrial Research
Organization; 1990.
Australian journal of agricultural research v. 41 (5): p.
845-852; 1990. Includes references.

Language: English

Descriptors: Australian northern territory; Hibiscus
cannabinus; Net assimilation rate; Nitrogen balance; Nitrogen
fertilizers; Photosynthesis; Potassium fertilizers; Solar
radiation; Sulfates; Superphosphates; Water deficit; Field
tests

80 NAL Call. No.: 450 AM36
The effect of moderate salt stress on leaf anatomy in Hibiscus
cannabinus (kenaf) and its relation to leaf area.
Curtis, P.S.; Lauchli, A.
Baltimore, Md. : Botanical Society of America; 1987 Apr.
American journal of botany v. 74 (4): p. 538-542. ill; 1987 Apr.
Includes references.

Language: English

Descriptors: Hibiscus cannabinus; Salt tolerance; Salt;
Stress; Leaves; Leaf area; Dry matter accumulation; Epidermis;
Cells; Size; Stomata; Emergence

81 NAL Call. No.: 26 L53
The effect of N, P, and K (nitrogen, phosphorus and potassium) on
kenaf dry ribbon yields in the Kenana area of the Sudan
(Hibiscus cannabinus).
Salih, F.A.
Leipzig, East Ger. : Karl-Marx-Universitat; 1983.
Beitrage zur tropischen Landwirtschaft und Veterinarmedizin v. 21
(2): p. 155-158; 1983. Includes references.

Language: English; French; German; Russian; Spanish

Descriptors: Sudan

82 NAL Call. No.: 4 AM34P
Effect of nitrogen fertilization on yield, composition, and quality of kenaf (Paper pulp source).
Adamson, W.C.; Long, F.L.
Madison; Jan/Feb 1979.
Agronomy journal American Society of Agronomy v. 71 (1): p. 11-14. ill; Jan/Feb 1979. 11 ref.

Language: ENGLISH

83 NAL Call. No.: SB183.F5
Effect of plant population and season on kenaf (*Hibiscus cannabinus* L.) grown under irrigation in tropical Australia. III. Seed yield and stem yield at maturity.
Muchow, R.C.
Amsterdam, Elsevier Scientific; Apr 1980.
Field crops research v. 3 (1): p. 27-32; Apr 1980. 9 ref.

Language: ENGLISH

Descriptors: Australia; Tropics

84 NAL Call. No.: 4 AM34P
Effect of planting date, nitrogen levels, row spacing, and plant population on Kenaf performance in the San Joaquin Valley, California.
Bhangoo, M.S.; Tehrani, H.S.; Henderson, J.
Madison, Wis. : American Society of Agronomy; 1986 Jul.
Agronomy journal v. 78 (4): p. 600-604; 1986 Jul. Includes references.

Language: English

Descriptors: California; *Hibiscus cannabinus*; Planting date; Nitrogen fertilizers; Row spacing; Plant density; Irrigated conditions; Stems; Plant height; Roots; Growth analysis

85 NAL Call. No.: 26 L53
Effect of sowing date and row width on the kenaf dry ribbon production in Central Sudan.
Salih, F.A.
Leipzig, East Ger. : Karl-Marx-Universitat; 1984.
Beitrage zur tropischen Landwirtschaft und Veterinarmedizin v. 22 (4): p. 377-382; 1984. Includes references.

Language: English

Descriptors: Sudan; *Hibiscus cannabinus*; Sowing date; Row spacing; Crop production

86 NAL Call. No.: SB183.F5
Effect of sowing date on the growth and yield of kenaf (*Hibiscus cannabinus*) grown under irrigation in tropical Australia. I. Phenology and seed production (Potential source of paper pulp).

Muchow, R.C.; Wood, I.M.
Amsterdam : Elsevier Scientific Publishing Company; Oct 1983. Field
crops research v. 7 (2): p. 81-90. ill; Oct 1983.
Includes references.

Language: English

Descriptors: Australia; Tropics

87 NAL Call. No.: SB183.F5
Effect of sowing date on the growth and yield of kenaf
(*Hibiscus cannabinus*) grown under irrigation in tropical
Australia. II. Stem production (Fibre crop).
Wood, I.M.; Muchow, R.C.; Ratcliff, D.
Amsterdam : Elsevier Scientific Publishing Company; Oct 1983. Field
crops research v. 7 (2): p. 91-102. ill; Oct 1983.
Includes references.

Language: English

Descriptors: Australia; Tropics

88 NAL Call. No.: SB183.F5
Effect of sowing date on the growth and yield of kenaf
(*Hibiscus cannabinus*) grown under irrigation in tropical
Australia. III. Physiological analysis of growth (Fibre crop).
Charles-Edwards, D.A.; Muchow, R.C.; Wood, I.M.
Amsterdam : Elsevier Scientific Publishing Company; Oct 1983. Field
crops research v. 7 (2): p. 103-113. ill; Oct 1983.
Includes references.

Language: English

89 NAL Call. No.: 19 AC8
Effect of variety, sowing date and nitrogen on kenaf yields in the
Kenana area of the Sudan (*Hibiscus cannabinus*).
Salih, F.A.
Budapest, Akademia Kiado; 1982.
Acta agronomica - Academiae Scientiarum Hungaricae v. 31
(1/2): p. 58-66; 1982. Includes ref.

Language: English

Descriptors: Sudan

90 NAL Call. No.: Fiche S-69 no.1404
Effects of age, plant spacing, and other variables on growth,
yield, and fiber quality of kenaf, *Hibiscus cannabinus* L. (by F.D.
Wilson and J.F. Joyner).
Wilson, F. D.
Washington, D.C. Agricultural Research Service, U.S. Dept. of
Agriculture; 1981.
iii, 19 p. : ill.. (Technical bulletin / United States
Department of Agriculture ; no. 1404). Bibliography: p. 19.

Language: English

91 NAL Call. No.: 99.8 H74
Effects of chemicals pretreatment in chemi-thermomechanical pulping
of roselle and kenaf (*Hibiscus sabdariffa*, *Hibiscus cannabinus*).

Nishiyama, M.; Matsuo, R.; Kobayashi, Y.
Berlin, W. Ger. : Walter de Gruyter; Feb 1984.
Holzforschung v. 38 (1): p. 47-52; Feb 1984. Includes
references.

Language: English; German

92 NAL Call. No.: SB183.F5
Effects of plant population and season on kenaf (*Hibiscus
cannabinus* L.) grown under irrigation in tropical Australia. I.
Influence on the components o
yield.
Muchow, R.C.
Amsterdam, Elsevier; Apr 1979.
Field crops research v. 2 (1): p. 55-66. ill; Apr 1979. 16 ref.

Language: ENGLISH

Descriptors: Australia ; Tropics

93 NAL Call. No.: SB183.F5
Effects of plant population and season on kenaf (*Hibiscus
cannabinus* L.) grown under irrigation in tropical Australia. II.
Influence on growth parameters and yield prediction.
Muchow, R.C.
Amsterdam, Elsevier; Apr 1979.
Field crops research v. 2 (1): p. 67-76. ill; Apr 1979. 12 ref.

Language: ENGLISH

Descriptors: Australia

94 NAL Call. No.: 18 J825
Effects of population densities and nitrogen levels on kenaf yields
and its components in the Kenana area of the Sudan
(*Hibiscus cannabinus*, cordage crops, dry ribbon yields).
Salih, F.A.; ZAPFA
Berlin, W. Ger. : Paul Parey; Feb 1983.
Zeitschrift fur Acker- und Pflanzenbau; Journal of agronomy and
crop scienc
v. 152 (1): p. 48-55; Feb 1983. Includes references.

Language: English; German

Descriptors: Sudan

95 NAL Call. No.: 19 AC8
Effects of row and plant spacing on kenaf yield and its
components in the Kenana area of the Sudan.
Salih, F.A.
Budapest : Akademia Kiado; 1983.
Acta agronomica Academiae Scientiarum Hungaricae v. 32 (3/4): p.
416-424; 1983. Includes 7 references.

Language: English

Descriptors: Sudan; Kenaf; *Hibiscus cannabinus*; Row spacing; Plant
density; Crop yield

96 NAL Call. No.: 22 AG83I

Efficiency of nitrogen utilization by roselle and kenaf
(*Hibiscus sabdariffa*, *Hibiscus cannabinus*).
Lakshminarayana, A.; Krishna Murty, R.; Rama Rao, M.; Appa
Rao, P.
New Delhi, Indian Council of Agricultural Research; Mar 1980. The
Indian journal of agricultural sciences v. 50 (3): p.
244-248; Mar 1980. 4 ref.

Language: ENGLISH

97 NAL Call. No.: QD241.K453
Establishment of an ester bond in kenaf lignins.
Geronikaki, A.A.; Dalimova, G.N.
New York, Consultants Bureau; Mar/Apr 1979.
Chemistry of natural compounds v. 15 (2): p. 183-185. ill;
Mar/Apr 1979. 7 ref.

Language: ENGLISH; RUSSIAN

98 NAL Call. No.: 99.8 UN1
Evaluating and processing fibre resources for pulping.
Phillips, F.H.
Rome : Food and Agriculture Organization of the United
Nations; 1984.
Unasylva v. 36 (2): p. 2-10. ill; 1984. Includes references.

Language: English

Descriptors: Pulping; Pulping materials; Eucalyptus; Bagasse; Kenaf

99 NAL Call. No.: 47.8 AM33P
Evaluation of kenaf core for broiler litter.
Malone, G.W.; Tilmon, H.D.; Taylor, R.W.
Champaign, Ill. : Poultry Science Association; 1990 Dec.
Poultry science v. 69 (12): p. 2064-2067; 1990 Dec. Includes
references.

Language: English

Descriptors: Broilers; Litter; Kenaf; Sawdust; Broiler
performance; Carcass quality; Allergic reactions

100 NAL Call. No.: 100 F66Ci no.168
"Everglades 41" and "Everglades 71" two new varieties of kenaf
(*Hibiscus cannabinus* L.) for fiber and seed.. Everglades
forty one and Everglades seventy one
Wilson, F. D.
Gainesville, Fla. : University of Florida, Agricultural
Experiment Station;; 1965.
12 p. : ill. ; 23 cm. (Circular (University of Florida.
Agricultural Experiment Station) ; S-168.). Cover title.
April 1965.

Language: English; English

Descriptors: Kenaf

101 NAL Call. No.: 302.8 AU7
Explosion pulping of annual and fast growing plants
(Paper-making fibres, kenaf, rice straw, wheat straw and

bagasse).

Mamers, H.; Menz, D.; Yuritta, J.P.

Parkville, Vic., Australian and New Zealand Pulp and Paper Industry Technical Association; Nov 1979.

APPITA v. 33 (3): p. 201-205. ill; Nov 1979. 11 ref.

Language: ENGLISH

102 NAL Call. No.: S760.A75A35

Feasibility of improving project implementation and minimizing the need for machinery and labor through tenancy system. A case study of the Abu Naama Kenaf Plantation, Sudan.

Andreou, P.; Haj, F.A.; Hamad, I.M.

Tokyo, Farm Machinery Industrial Research Corp; Autumn 1981. AMA, agricultural mechanization in Asia v. 12 (4): p. 63-68. ill; Autumn 1981. 22 ref.

Language: English

Descriptors: Sudan

103 NAL Call. No.: QK1.B65

Floral biology in *Hibiscus cannabinus* L. variety M.T. 102.

Ugale, S.D.; Patil, R.C.

Nagpur, G.V. Patil; Oct 1977 (pub. 1978).

The Botanique v. 8 (1/4): p. 81-86. ill; Oct 1977 (pub. 1978). 7 ref.

Language: ENGLISH

Descriptors: India

104 NAL Call. No.: 60.19 Au72 no.22

Foliar symptoms of mineral disorder in kenaf (*Hibiscus cannabinus*).

Andrew, C. S.; Pieters, W. H. J.

Melbourne, Australia Commonwealth Scientific and Industrial Research Organization; 1980.

12 p. : col. photographs ; 25 cm.. (Commonwealth Scientific and Industrial Research Organization Division of Tropical Crops and Pastures. Division of Tropical Crops and Pastures technical paper ; no. 22). Bibliography: p. 11-12.

Language: English

Descriptors: Kenaf; Hibiscus; Plants, effects of minerals on; Deficiency diseases in plants

105 NAL Call. No.: SB160.N38 1988

Fuel production potential of several agricultural crops.

Mays, D.A.; Buchanan, W.; Bradford, B.N.; Giordano, P.M.

Portland, Or. Timber Press; 1988.

Advances in new crops : proceedings of the First National Symposium NEW CROPS, Research, Development, Economics, Indianapolis, Indiana, Oct 23-26, 1988 edited by Jules Janick, J.E. Simon. p. 260-263; 1988. Includes references.

Language: English

Descriptors: Ipomoea batatas; Helianthus tuberosus; Sorghum bicolor; Solanum tuberosum; Beta vulgaris; Helianthus annuus;

Abelmoschus esculentus; Glycine max; Sesamum indicum;
Carthamus tinctorius; Cynodon dactylon; Hibiscus cannabinus; Zea
mays; Festuca arundinacea; Wood chips; Fuel crops;
Biomass; Energy value; Crop yield; Alcohols

106 NAL Call. No.: TD172.E5
Further note on insect pests of mesta plant.
Pandit, N.C.; Chakravorty, S.
Kalyani, West Bengal : Dept. of Zoology, Kalyani University for MK
Publications; 1987 Jun.
Environment & ecology v. 5 (2): p. 398-399; 1987 Jun.
Includes references.

Language: English

Descriptors: India; Hibiscus cannabinus; Hibiscus sabdariffa;
Coleoptera; Lepidoptera; Hemiptera; Diptera; Insect pests;
Identification

107 NAL Call. No.: S471.I3J6
Genetic studies in Ambadi GPD 6-1 X DPSC (Hibiscus
cannabinus).
Navale, P.A.; Sonone, H.N.
Pune, B.P. Patil; May 1980.
Journal of Maharashtra agricultural universities v. 5 (2): p.
126-128; May 1980. 9 ref.

Language: ENGLISH

108 NAL Call. No.: S471.I3J6
Genetic studies in Ambadi (Hibiscus cannabinus, bast fibre
crops in India).
Navale, P.A.; JMAUD; Sonone, H.N.; Patil, M.M.
Pune : D.R. Bapat; May 1982.
Journal of Maharashtra agricultural universities v. 7 (2): p.
136-137; May 1982. Includes references.

Language: English

Descriptors: India

109 NAL Call. No.: SB113.2.S4
Genetics of seed weight and number in mesta (Hibiscus
cannabinus).
Chakravarty, K.; Basak, S.L.
New Delhi : Indian Society of Seed Technology; Dec 1983.
Seed research v. 11 (2): p. 212-216; Dec 1983. Includes
references.

Language: English

110 NAL Call. No.: S471.I3J6
Graphic and variance components analysis of five quantitative
characters in Hibiscus cannabinus, L.
Patil, R.C.; Thombre, M.V.
Pune, B.P. Patil; Sept 1981.
Journal of Maharashtra agricultural universities v. 6 (3): p.
221-224. ill; Sept 1981. 7 ref.

Language: English

111 NAL Call. No.: SB261.A5S4
Growing, processing and utilizing kenaf in Colombia.
Seale, Charles C.
Servicis T, ecnico Agr, icola Colombiano Americano.
Bogot a Servicio T ecnico Agr icola Colombiano Americano
(1960?); 1960.
38 leaves. Includes bibliographical references.

Descriptors: Ambary hemp; Colombia; Fibers; Colombia;
Hibiscus; Colombia

112 NAL Call. No.: 10 J822
Growth and nutrition of Hibiscus cannabinus L.
Sinha, A.K.; Saha, S.
Cambridge, Cambridge University Press; June 1980.
The Journal of agricultural science v. 94 (3): p. 575-582.
ill; June 1980. 20 ref.

Language: ENGLISH

113 NAL Call. No.: TP360.S935 1986
Hemicellulose isolation from annual plants.
Cunningham, R.L.; Carr, M.E.; Bagby, M.O.
New York, N.Y. : J. Wiley; 1986.
Eighth Symposium on Biotechnology for Fuels and Chemicals :
proceedings of the Eighth Symposium on Biotechnology for Fuels and
Chemicals held in Gatlinburg, Tennessee, May 13-16, 1986 / editor,
Charles D. Scott. p. 159-168; 1986. Includes
references.

Language: English

Descriptors: Wheat straw; Sweet sorghum; Bagasse; Kenaf;
Isolation; Pentosans

114 NAL Call. No.: S471.I3J6
Heterosis and combining ability studies in Hibiscus cannabinus
(L.).
Patil, R.C.; Thombre, M.V.
Pune, B.P. Patil; May 1980.
Journal of Maharashtra agricultural universities v. 5 (2): p.
123-126; May 1980. 12 ref.

Language: ENGLISH

115 NAL Call. No.: DISS 73-8,076
Hibiscus cannabinus L., an annual fiber source for papermaking :
aspects of its ecology and utilization.
Crouse, Barry W.; (Barry Wayne),; 1942-
1972; 1972.
xv, 189 leaves ; 21 cm. Photocopy. Ann Arbor, Mich. :
University Microfilms, 1973. Bibliography: leaves 181-188.

Language: English

116 NAL Call. No.: 99.8 IN2
High yield pulps from kenaf.
Sharma, Y.K.; Dhawan, R.; Karira, B.G.

Dehra Dun : N.K. Mathur; 1984 Apr.
The Indian forester v. 110 (4): p. 401-406; 1984 Apr.
Includes references.

Language: English

Descriptors: Fiber plants; Kenaf; Pulping

117 NAL Call. No.: HD9156.J8H83
Huang ma, hung ma chi lei szu hsien wei chi tu t'ung chi =
Jute, kenaf and allied fibres : quarterly statistics.
Food and Agriculture Organization of the United Nations
Rome : Lein ho kuo shih liang tsu chih;; 19??-9999.
v. ; 28 cm. Description based on: 1984 nien 6 yueh; title
from cover.

Language: Chinese; Chinese; English; French; Spanish

Descriptors: Jute industry; Statistics; Periodicals; Kenaf;
Statistics; Periodicals; Fibers; Statistics; Periodicals;
Plant fiber industry; Periodicals

118 NAL Call. No.: HD1417.F64 no.77
Impact of changing technological and economic factors on
markets for natural industrial fibres case studies on jute, kenaf,
sisal and abaca.
Food and Agriculture Organization of the United Nations
Rome : Food and Agriculture Organization of the United
Nations;; 1989.
74 p. : ill. ; 30 cm. (FAO economic and social development
paper ; 77).

Language: English

Descriptors: Jute fiber; Technological innovations; Kenaf;
Technological innovations; Sisal hemp; Technological
innovations; Manila hemp; Technological innovations; Jute
fiber; Economic aspects; Kenaf; Economic aspects; Sisal hemp;
Economic aspects; Manila hemp; Economic aspects; Jute fiber;
Marketing; Kenaf; Marketing; Sisal hemp; Marketing; Manila
hemp; Marketing

119 NAL Call. No.: 18 J825
Incited effectiveness of EMS in Hibiscus cannabinus L. by
excised mature embryo treatment.
Hazra, S.K.; Shome, A.
Berlin, W. Ger. : Paul Parey; 1987 Oct.
Zeitschrift fur Acker- und Pflanzenbau v. 159 (4): p. 278-281; 1987
Oct. Includes references.

Language: English

Descriptors: Hibiscus cannabinus; Embryos (plant); Ethyl
methanesulfonate
Induced mutations; Seeds

120 NAL Call. No.: SB123.I57 1981
Induced mutation by gamma radiation for collar rot disease
resistance of Thai kenaf.
Koeboonrueng, S.; Kanlong, S.; Siddhipongse, S.; Syamananda, R.
Vienna : The Agency, 1981; 1981.

Induced mutations, a tool in plant research : proceedings of
Internatl Symposium on Induced Mutations as a Tool for Crop
Plant Improvement / organized by Internatl Atomic Energy
Agency and FAO, Vienna, 9-13 March 1981. p. 287; 1981

Language: English

Descriptors: Thailand

121 NAL Call. No.: 73.8 C82
Influence de la temperature, de la lumiere et de la nutrition
minérale sur l'expression de la resistance du kenaf (*Hibiscus
cannabinus* L.) a l'antracnose (*Colletotrichum hibisci* Poll.)
[Influence of temperature, light and mineral nutrition on
expression of kenaf (*Hibiscus cannabinus* L.) resistance to
anthracnose (*Coleotrichum hibisci* Poll.)]. Follin, J.C.
Paris, Institut de recherches du coton et des textiles
exotiques; 1978.
Coton et fibres tropicales v. 33 (4): p. 391-398. ill; 1978. 22
ref.

Language: FRENCH; ENGLISH; SPANISH

122 NAL Call. No.: 450 R11
Influence de la teneur en eau sur la radiosensibilite des
semences d'*Hibiscus cannabinus* L. I. Role des differents etats de
l'eau [Effect of water content on radiosensitivity of
Hibiscus cannabinus L. seeds. I. Role of the different water
states.].
Mahama, A.; Silvy, A.
Oxford, Pergamon Press; May 1982.
Environmental and experimental botany v. 22 (2): p. 233-242; May
1982. Includes 35 ref.

Language: French; English

123 NAL Call. No.: SB245.A1C6
Influence of temperature, light and mineral nutrition on the
expression of resistance of kenaf (*Hibiscus cannabinus* L.) to
anthracnose (*Colletotrichum hibisci* Poll.).
Follin, J.C.
Paris, Institut de recherches du coton et textiles exotiques; 1978.
Coton et fibres tropicales v. 33 (4): 9 p.; 1978.

Language: ENGLISH

124 NAL Call. No.: 1 Ag84Te no.1319
Inheritance in kenaf as related to selection of inbred lines for
composite varieties.. Kenaf
Nelson, E. G.; Wilson, F. D.
Washington : U.S. Dept. of Agriculture,; 1965; A 1.36-1319. 28 p.
; 23 cm. (Technical bulletin / United States Department of
Agriculture ; no. 1319). Caption title. Literature cited: p.
27-28.

Language: English

Descriptors: Kenaf; Genetics

125 NAL Call. No.: 64.8 C883

Inheritance of seedling resistance to gray mold in kenaf
(*Botrytis cinerea*, *Hibiscus cannabinus*).
Campbell, T.A.
Madison, Wis. : Crop Science Society of America; July/Aug
1984.
Crop science v. 24 (4): p. 733-734; July/Aug 1984. Includes
references.

Language: English

126 NAL Call. No.: 10 J822
Irrigation of kenaf (*Hibiscus cannabinus* L.) in the Sudan.
Farah, S.M.
Cambridge, Cambridge University Press; June 1981.
The Journal of agricultural science v. 96 (pt.3): p. 569-578; June
1981. 6 ref.

Descriptors: Sudan

127 NAL Call. No.: QD241.K453
Isolation of individual fractions of dioxane lignin from kenaf
stems and their study.
Kul'chik, N.Ya; Dalimova, G.N.; Abduazimov, Kh.A.
New York, Consultants Bureau; Sept/Oct 1978 (pub. 1979).
Chemistry of natural compounds v. 14 (5): p. 547-550. ill;
Sept/Oct 1978 (pub. 1979). 12 ref.

128 NAL Call. No.: 1.943 F7632
Jute and kenaf marketing situation in major producing
countries (Bangladesh, India, Thailand, plant fibers).
Washington, D.C., The Service; Jan 1982.
Foreign agriculture circular; vegetable fibers FVF - U.S.
Department of Agriculture, Foreign Agricultural Service
(1-82): 11 p.; Jan 1982.

Language: English

Descriptors: Bangladesh; India; Thailand

129 NAL Call. No.: 1.943 F7632
Jute and kenaf production up slightly in major producing
countries.
McNeil, E.
Washington, D.C., The Service; Jan 1981.
Foreign agriculture circular; vegetable fibers FVF - U.S.
Department of Agriculture, Foreign Agricultural Service
(1-81): 19 p. ill; Jan 1981.

130 NAL Call. No.: aSB261.A5K4
Kenaf.. Kenaf, a new fiber Kenaf photos, Cuba
United States, Office of Foreign Agricultural Relations
Washington, D.C.? : U.S. Dept. of Agriculture, Office of
Foreign Agricultural Relations;; 1948.
51, [1] p. : ill. ; 19 x 26 cm. Cover title. Caption title:
Kenaf, a new fiber. Spine title: Kenaf photos, Cuba. Chiefly
photographs.

Language: English

Descriptors: Kenaf; Cuba; Kenaf; El Salvador

131 NAL Call. No.: Fiche S-82 no.153
Kenaf a bibliography, 1950-1962.
Cockern, Ray
Washington, D.C. : U.S. Dept. of Agriculture, Economic
Research Service, Marketing Economics Division;; 1964,
reprinted 1983.
16 p.. (ERS ; 153).

Language: English

132 NAL Call. No.: 100 C12CAG
Kenaf: a new fiber crop for paper production.
Robinson, F.E.
Berkeley, Calif. : The Station; 1988 Sep.
California agriculture - California Agricultural Experiment Station
v. 42 (5): p. 31-32. ill; 1988 Sep.

Language: English

Descriptors: California; Hibiscus cannabinus; Cultivars; Fiber
plants; Paper; Yields; Productivity; Dry matter accumulation;
Irrigated soils; Plant density

133 NAL Call. No.: aSB261.A5M6
Kenaf, a potential pulp crop.
Moore, Clarence A.
United States, Dept. of Agriculture, Economics, Statistics, and
Cooperatives Service, National Economics Division.
Washington National Economics Division, Economics, Statistics, and
Cooperatives Service, U.S. Dept. of Agriculture; 1979.
ii, 32 leaves : ill., maps ; 28 cm. NED staff report.
Includes bibliographical references.

Language: ENGLISH

Descriptors: Kenaf; Southern States

134 NAL Call. No.: SB261.A5T5
Kenaf an alternative crop for Delaware.
Tilmon, Hames Don;; Taylor, Richard; Malone, G. Wayne
Newark, DE : Delaware Cooperative Extension, University of
Delaware : Delaware State College, [1990?]; 1990.
6, [3] p. ; 28 cm. Cover title.

Language: English

Descriptors: Kenaf

135 NAL Call. No.: HD9156.K662S5
A kenaf and jute development program for Thailand final
report.
Sholton, Erwin J.
Bangkok, Thailand : The Mission;; 1973.
xvii, 302 p. ; 27 cm. Under contract no. AID493-052-T.
January, 1973.

Language: English

Descriptors: Kenaf industry; Jute industry

136 NAL Call. No.: aHD1751.A42
Kenaf & milkweed: new fiber crops.
Glaser, L.
Rockville, Md. : The Service; 1991 Aug.
Agricultural outlook A0 - U.S. Department of Agriculture,
Economic Research Service (177): p. 13-15; 1991 Aug.

Language: English

Descriptors: U.S.A.; Kenaf; Asclepias syriaca; Fiber plants;
Industrial crops

137 NAL Call. No.: HD9156.J7J8
Kenaf C-2 (joli kenaf-1): a high yielding Kenaf jute variety.
Sobhan, M.A.; Ahmed, Q.A.
Dacca; Nov 1978.
Jute and jute fabrics - Bangladesh newsletter v. 4 (11): p. 4-7.
ill; Nov 1978. 11 ref.

Language: ENGLISH

Descriptors: Bangladesh

138 NAL Call. No.: SB261.A5B5
Kenaf demand in Thailand.
Blakeslee, Leroy Laurence,; 1935-; Petcharatana, Thongchai
Bangkok Thailand Ministry of Agriculture and Co-operatives,
Division of Agricultural Economics; 1975.
45 leaves ; 30 cm.. Bibliography: leaves 44-45.

Language: ENGLISH

Descriptors: Ambary hemp

139 NAL Call. No.: aHD9156.K662U5
Kenaf Demonstration Project progress and needs.
Washington, D.C.? : U.S. Dept. of Agriculture?, 1987?; 1987. 9
leaves ; 28 cm. Caption title. April 20, 1987.

Language: English

Descriptors: Kenaf industry; United States

140 NAL Call. No.: Videocassette no.770
Kenaf harvesting.
United States? : s.n., 1989?; 1989.
1 videocassette (10 min.) : sd., col. ; 1/2 in. VHS. Title on
container: Kenaf.

Language: English

Descriptors: Kenaf; Harvesting; Machinery; Kenaf industry;
United States

141 NAL Call. No.: 1 Ag84Bi no.17
Kenaf (Hibiscus cannabinus L.) a bibliographical survey.
McCann, Lewis P.
Washington, D.C. : U.S. Dept. of Agriculture,; 1952.

20 p. ; 24 cm. (Bibliographical bulletin / United States Department of Agriculture ; no. 17).

Language: English

Descriptors: Kenaf; Bibliography

142 NAL Call. No.: DISS 79-28,464
Kenaf (*Hibiscus cannabinus* L.) adaptation and management for fiber production in New Jersey.
Zublena, Joseph Peter,
1979; 1979.
xx, 199 leaves : ill. ; 21 cm. Photocopy. Ann Arbor, Mich. : University Microfilms International, 1979. Bibliography: leaves 192-198.

Language: English

143 NAL Call. No.: TP360.C7
Kenaf: *Hibiscus cannabinus* (Production, cultural practices, composition).
Whitely, E.L.
Boca Raton, Fla., CRC Press; 1981.
CRC handbook of biosolar resources v. 2: p. 259-268. ill; 1981. 13 ref.

Language: English

144 NAL Call. No.: SB13.F6
Kenaf (*Hibiscus* spp.).
Singh, D.P.
Rome, Italy : Food and Agriculture Organization of the United Nations; 1986.
FAO plant production and protection paper (76): p. 151-153; 1986. Includes references.

Language: English

Descriptors: Tropical crops; Hibiscus; Seed exchange; Plant introduction; Germplasm; Propagation materials

145 NAL Call. No.: Fiche S-69 no.1477
Kenaf leaf development and stem height (by Joseph John Higgins).
Higgins, Joseph John; 1924-
Washington, D.C. Agricultural Research Service, U.S. Dept. of Agriculture; 1981.
30 p. : ill., map. (Technical bulletin / United States Department of Agriculture ; no. 1477). Bibliography: p. 30.

Language: English

146 NAL Call. No.: 302.8 T162
Kenaf lignin 14C (carbon isotope)-labeling and analysis (without interrupting the plant's normal growth).
Abbott, T.P.; James, C.
Atlanta : The Association; Apr 1984.
TAPPI : journal of the Technical Association of the Pulp and Paper Industry v. 67 (4): p. 132-133; Apr 1984. Includes references.

Language: English

147 NAL Call. No.: TS1171.T3
Kenaf lignin structure by correlation of CMB, FTIR and
chemical analysis.
Abbott, T.P.; Tjarks, L.W.; Bagby, M.O.
Atlanta, Ga. : TAPPI Press; 1987.
Pulping Conference : [proceedings] (book 1): p. 177-183. ill; 1987.
Includes references.

Language: English

Descriptors: Kenaf; Hibiscus cannabinus; Lignin; Infrared
spectroscopy; Nuclear magnetic resonance spectroscopy; Chemical
analysis; Conformation

148 NAL Call. No.: aHD9156.K662U55
Kenaf newsprint realizing commercialization of a new crop
after four decades of research and development : a report on the
Kenaf Demonstration Project.
Kugler, Daniel E.
United States, Cooperative State Research Service, Special
Projects and Program Systems
Washington, DC : U.S. Dept. of Agriculture, Cooperative State
Research Service, Special Projects and Program Systems,; 1988. 13
p. : col. ill. ; 28 cm. June 1988. Bibliography: p. 13.

Language: English

Descriptors: Kenaf industry; United States; Kenaf; United
States; Newsprint industry; United States

149 NAL Call. No.: 1.98 AG84
Kenaf paper: a forest-saving alternative.
Bosisio, M.
Washington, D.C. : The Administration; 1988 Oct.
Agricultural research - U.S. Department of Agriculture,
Agricultural Research Service v. 36 (9): p. 6-8. ill; 1988
Oct.

Language: English

Descriptors: Kenaf; Hibiscus cannabinus; Fiber pulp; Newsprint

150 NAL Call. No.: 100 T31P
Kenaf production in southeast Texas.
Sij, J.W.
College Station, Tex. : The Station; 1987 Aug.
PR - Texas Agricultural Experiment Station (4536): 5 p.; 1987 Aug.
Includes references.

Language: English

Descriptors: Texas; Hibiscus cannabinus; Crop production;
Agronomic characteristics; Varieties; Performance

151 NAL Call. No.: 100 W99 (1)
Kenaf production potential in northwest Wyoming.
Lauer, J.G.

Laramie, Wyo. : The Station; 1990 Feb.
B - Wyoming Agricultural Experiment Station (932): 2 p.; 1990 Feb.
Includes references.

Language: English

Descriptors: Wyoming; Hibiscus cannabinus; Cultivation
methods; Varieties

152 NAL Call. No.: 302.8 P96
Kenaf pulp for newsprint (Thermomechanical pulps,
chemi-thermomechanical pulps, southern pines).
Lawford, W.H.; PPMCA; Tombler, G.
Westmount : Southam Business Publications; Dec 1982.
Pulp & paper Canada v. 83 (12): p. 99-103. ill; Dec 1982. 6 ref.

Language: English; French

Descriptors: USA

153 NAL Call. No.: aSB261.A5A87
Kenaf research, development and commercialization proceedings from
the Association for the Advancement of Industrial Crops Annual
Conference, October 5, 1989, Peoria, Illinois.
Association for the Advancement of Industrial Crops.
Conference (1989 : Peoria, Ill.); United States, Cooperative State
Research Service, Special Projects and Programs Systems, Office of
Agricultural Industrial Materials
Washington : D.C.? : The Office?; 1990.
i, 65 p. : ill., map ; 28 cm. Cover title. February 1990.
Includes bibliographical references.

Language: English

Descriptors: Kenaf; Kenaf industry

154 NAL Call. No.: 302.8 W81
Kenaf, Rohstoff fur die Papierherstellung [Kenaf, raw
material for paper manufacture (Hibiscus cannabinus L. pulp
composition and properties).].
Fischer, S.
Biberach an der Riss, W. Ger., Guntter-Staib-Verlag; Aug 1982.
Wochenblatt fur Papierfabrikation v. 110 (16): p. 573-576.
ill; Aug 1982. 29 ref.

Language: German

155 NAL Call. No.: 1.98 AG84
Kenaf tops equal high-quality hay.
Hays, S.M.
Washington, D.C. : The Administration; 1989 Jun.
Agricultural research - U.S. Department of Agriculture,
Agricultural Research
Service v. 37 (6): p. 18. ill; 1989 Jun. Includes references.

Language: English

Descriptors: Hibiscus cannabinus; Kenaf; Haymaking; Topping

156 NAL Call. No.: TS1171.T3

Kenaf--A competitive fiber to plantation eucalypt--based on recent investigations in Thailand.

Kaldor, A.F.

Atlanta, Ga. : TAPPI Press; 1990.

Pulping Conference : [proceedings] (Book 2): p. 493-498; 1990.

Paper presented at a Tappi Pulping Conference, Oct 14-17, 1990, Toronto, Ontario, Canada. Includes references.

Language: English

Descriptors: Thailand; Kenaf; Jute; Eucalyptus; Pulp and paper industry; Economics

157 NAL Call. No.: 302.8 T162

Kenaf--a fast growing fiber source for papermaking.

Kaldor, A.F.; Karlgren, C.; Verwest, H.

Norcross, Ga. : The Technical Association of the Pulp and Paper Industry; 1990 Nov.

Tappi journal v. 73 (11): p. 205-208. ill; 1990 Nov. Includes references.

Language: English

Descriptors: Kenaf; Paper; Plant fibers; Pulping materials; Characteristics; Production possibilities; Fiber quality

158 NAL Call. No.: TS1171.T3

Kenaf--a fast-growing fibre source for papermaking.

Karlgren, C.; Verwest, H.; Kaldor, A.

Atlanta, Ga. : TAPPI Press; 1989.

Pulping Conference : [proceedings] (Book 1): p. 141-154. ill; 1989.

Paper presented at the "Pulping Conference," October 22-25, 1989, Westin Seattle, Seattle, Washington.

Language: English

Descriptors: U.S.A.; Kenaf; Pulping; Plant fibers

159 NAL Call. No.: 80 H41

Kenaf--promising new fiber crop (*Hibiscus cannabinus*, pulping, papermaking).

Princen, L.H.

Concord: Herb Society of America; 1982.

The Herbarist (48): p. 79-83. ill; 1982.

Language: English

160 NAL Call. No.: 302.8 T162

Laboratory paper machine runs with kenaf thermomechanical pulp.

Touzinsky, G.F.; Cunningham, R.L.; Bagby, M.O.

AR-NRRC

Atlanta, Ga., The Association; Mar 1980.

TAPPI; journal of the Technical Association of the Pulp and Paper Industry v. 63 (3): p. 109-110; Mar 1980. 4 ref.

Language: ENGLISH

161 NAL Call. No.: 385 C172

Lignin-xylan ester linkage in mesta fiber (*Hibiscus*

cannabinus) (Jute).

Das, N.N.; Das, S.C.; Sarkar, A.K.; Mukherjee, A.K.
Amsterdam : Elsevier Scientific Publishing Company; July 1, 1984.
Carbohydrate research v. 129: p. 197-207. ill; July 1, 1984.
Includes 18 references.

Language: English

162 NAL Call. No.: QD241.K453
Lipids of Hibiscus cannabinus seeds.
Tolibaeov, I.; Mukhmedova, Kh.S.; Glushenkova, A.I.
New York, N.Y. : Consultants Bureau; 1987 Mar.
Chemistry of natural compounds v. 22 (5): p. 523-528; 1987
Mar. Translated from: Khimiia prirodnikh soedinenii, (5),
1986, p. 558-564. (QD241.K45). Includes references.

Language: English; Russian

Descriptors: Hibiscus cannabinus; Seeds; Lipid content; Fatty
acids; Chromatography

163 NAL Call. No.: QD241.K453
Lipids of kenaf wastes.
Tolibaeov, I.; Mukhamedova, Kh.S.; Glushenkova, A.I.;
Tursunkhodzhaev, A.S.; Azizov, T.B.
New York, N.Y. : Consultants Bureau; 1987 May.
Chemistry of natural compounds v. 22 (6): p. 643-645; 1987
May. Translated from: Khimiia prirodnikh soedinenii, (6),
1986, p. 686-688. (QD241.K45). Includes references.

Language: English; Russian

Descriptors: Hibiscus cannabinus; Wastes; Crop residues; Lipid
content; Purification; Separation; Chemical composition

164 NAL Call. No.: 1 AG84Y
Locating new ways to generate farm dollars.
Ross, J.M.
Washington, D.C. : U.S. Department of Agriculture; 1987.
The ... Yearbook of agriculture. p. 253-257. ill; 1987.

Language: English

Descriptors: U.S.A.; Farmers; Cooperative farming;
Agriculture; Aquaculture; Parthenium argentatum; Hibiscus
cannabinus; Crambe; Rapeseed

165 NAL Call. No.: QD241.K453
Low-molecular-weight RNAs from plant seeds.
Nuriddinov, Kh.R.; Nuriddinova, M.R.; Nuriddinov, R.N.
New York, N.Y. : Consultants Bureau; 1986 Jan.
Chemistry of natural compounds v. 21 (4): p. 548-549. ill;
1986 Jan. Translated from: Khimiia prirodnikh soedinenii, v. 21
(4), 1985, p. 579. (QD241.K45). Includes references.

Language: English; Russian

Descriptors: Gossypium hirsutum; Vigna radiata; Hibiscus
cannabinus; Saccharomyces cerevisiae; Seeds; Rna; Molecular weight;
Electrophoresis

166 NAL Call. No.: TS1171.T3
Mill experience in the application of non wood fiber for paper making.
Jeyasingam, J.T.
Atlanta, Ga. : TAPPI Press; 1990.
Pulping Conference : [proceedings] (Book 1): p. 321-326; 1990.
Paper presented at the "Tappi Pulping Conference," Oct 14-17, 1990, Toronto, Ontario, Canada. Includes references.

Language: English

Descriptors: Pulping materials; Straw; Cotton; Bagasse; Kenaf; Jute

167 NAL Call. No.: S79.E37
Moisture measurements for whole kenaf stalks.
Smith, D.B.; Lawrence, G.W.; McLean, K.S.; Kurtz, M.E.; Neill, S.W.; Fuller, M.J.
Mississippi State, Miss. : The Station; 1991 Oct.
Research report - Mississippi Agricultural and Forestry Experiment Station v 16 (14): 5 p.; 1991 Oct. Includes references.

Language: English

Descriptors: Kenaf; Stems; Moisture content; Measurement

168 NAL Call. No.: 100 M69MI
Nematode hunters see kenaf damage.
Kight, T.
Mississippi State, Miss. : The Station; 1991 Apr.
MAFES research highlights - Mississippi Agricultural and Forestry Experiment Station v. 54 (4): p. 2; 1991 Apr.

Language: English

Descriptors: Mississippi; Hibiscus cannabinus; Plant parasitic nematodes

169 NAL Call. No.: HD1761.A1M5
Net social profitability and domestic resource cost of eight agricultural commodities in Thailand.
Lokaphadhana, T.; Welsch, D.E.
St. Paul : The Department; Aug 1982.
Staff paper P - University of Minnesota, Dept. of Agricultural and Applied Economics (82-11): 62 p.; Aug 1982. Includes 25 references.

Language: English

Descriptors: Thailand; Government programs; Exports; Taxes; Policy implications; Developing country; Quotas; Social impact; Foreign currencies

Abstract: Extract: The main purpose of this study is to measure, among commodities and among agro-economic zones, the economic efficiency and the real cost of earning foreign exchange through producing and exporting eight selected commodities by using the concepts of social profitability and domestic resource cost. The eight selected commodities are namely: rice, sugar cane, maize, cassava root, kenaf, mung beans, ground nuts and soyabeans. The interaction between

economic efficiency and government intervention in the external trade of these commodities will also be examined.

170 NAL Call. No.: aHD1401.A2U52
New crops, and old, offer alternative opportunities.
Buckley, K.C.; Dicks, M.R.; Van Dyne, D.L.
Washington, D.C. : The Service; 1990-1991.
Farmline - U.S. Department of Agriculture, Economic Research
Service v. 1
(1): p. 12-16. ill; 1990-1991. First in a two-part series.

Language: English

Descriptors: U.S.A.; Oilseeds; Jojoba; Lesquerella; Kenaf;
Parthenium argentatum; Soybeans; Industrial crops;
Agricultural development

171 NAL Call. No.: 34.2 AN4
New record of predators on mealy bug of Mesta.
Rao, P.R.M.; Raju, A.K.; Appa Rao, R.V.; Azam, K.M.
Bapatla : Andhra Agricultural Union; 1984 Jan.
The Andhra agricultural journal v. 31 (1): p. 83; 1984 Jan.
Includes references.

Language: English

Descriptors: Hibiscus sabdariffa; Hibiscus cannabinus;
Maconellicoccus hirsutus; Predators of insect pests

172 NAL Call. No.: 99.8 IN2
Newsprint grade refiner mechanical pulps from kenaf sticks. Sharma,
Y.K.; Dhawan, R.; Karira, B.G.
Dehra Dun : N.M. Misra; 1985 Sep.
The Indian forester v. 111 (9): p. 720-724; 1985 Sep.
Includes references.

Language: English

Descriptors: India; Hibiscus cannabinus; Kenaf; Fiber pulp;
Newsprint

173 NAL Call. No.: SB160.N38 1988
Non-wood fiber crops: commercialization of kenaf for
newsprint.
Kugler, D.E.
Portland, Or. Timber Press; 1988.
Advances in new crops : proceedings of the First National
Symposium NEW CROPS, Research, Development, Economics,
Indianapolis, Indiana, Oct 23-26, 1988 edited by Jules Janick, J.E.
Simon. p. 289-297; 1988. Includes references.

Language: English

Descriptors: U.S.A.; Kenaf; Paper; New products; Product
development; Newspapers; Research projects; Production
possibilities; Production economics

174 NAL Call. No.: 22 AG83I
Note on a new record of spider predators of *Amrasca biguttula*
biguttul

Ishida, a serious pest on mesta (*Hibiscus sabdariffa* *Hibiscus cannabinus*) from Andhra Pradesh (Natural control).
Rao, P.R.M.; Raju, A.K.; Rao, R.V.A.; Rao, B.H.K.M.
New Delhi, Indian Council of Agricultural Research; Mar 1981. The Indian journal of agricultural sciences v. 51 (3): p. 203-204; Mar 1981. 5 ref.

Descriptors: India

175 NAL Call. No.: S612.I49
A note on some promising neglected crops in Upper Luni Basin (western Rajasthan).
Kolarker, A.S.; Singh, N.; Shankarnarayan, K.A.
Jodhpur : The Society; 1987 Jan.
Transactions of Indian Society of Desert Technology and University Centre of Desert Studies v. 12 (1): p. 13-21; 1987 Jan. Includes references.

Language: English

Descriptors: Rajasthan; *Amaranthus paniculatus*; *Hibiscus cannabinus*; *Plantago ovata*; Soil cultivation; Semiarid zones; Plant production; Farm surveys; Plant production

176 NAL Call. No.: 22 AG83I
Note on the comparison of mutation frequency in parent and mutant mesta (*Hibiscus cannabinus*).
Shome, A.
New Delhi, Indian Council of Agricultural Research; June 1981. The Indian journal of agricultural sciences v. 51 (6): p. 458-459. ill; June 1981. 1 ref.

177 NAL Call. No.: S590.C63
Nutrient content of kenaf (*Hibiscus cannabinus*) at five growth stages.
Hansen, R.W.
New York, Marcel Dekker; 1981.
Communications in soil science and plant analysis v. 12 (10): p. 1031-1045. ill; 1981. 12 ref.

Language: English

178 NAL Call. No.: 450 EU6
Outcrossing and isolation requirement in kenaf (*Hibiscus cannabinus* L.) (Prevention of genetic contamination).
Maiti, S.N.; Datta, A.N.; Basak, S.L.
Wageningen, Netherlands Study Circle of Plant Breeding; Dec 1981. Euphytica v. 30 (3): p. 739-745; Dec 1981. Includes ref.

Language: English

179 NAL Call. No.: TS932.J68
Oxidation and quantification of ¹⁴C-lignin at different ages in wheat, pine, oak, and kenaf.
Abbott, T.P.; James, C.; Bagby, M.O.
New York, N.Y. : Marcel Dekker; 1986 Dec.
Journal of wood chemistry and technology v. 6 (4): p. 473-486; 1986 Dec. Includes references.

Language: English

Descriptors: Wheat; Pines; Oak; Kenaf; Lignin; Oxidation;
Quantitative techniques; Age differences

180 NAL Call. No.: 302.8 T162
Papermaking properties of kenaf thermomechanical pulp.
Touzinsky, G.F.; Cunningham, R.L.; Bagby, M.O.
AR-NRRC
Atlanta, Ga., The Association; Jan 1980.
TAPPI. Technical Association of the Pulp and Paper Industry v. 63
(1): p. 53-55. ill; Jan 1980. 9 ref.

Language: ENGLISH

181 NAL Call. No.: TS1095.A8A6
Papermaking properties of some Australian non-wood fibres.
Maddern, K.N.; French, J.
Parkville, Victoria : Technical Association of the Australian and
New Zealand Pulp and Paper Ind; 1989 Nov.
Appita journal v. 42 (6): p. 433-437. ill; 1989 Nov. Includes
references.

Language: English

Descriptors: Australia; Plant fibers; Kenaf; Sugarcane
bagasse; Cotton; Wheat straw; Pulps; Pulping; Physicochemical
properties

182 NAL Call. No.: 23 AU792
Pattern of infiltration with furrow irrigation and
evapotranspiration of kenaf (*Hibiscus cannabinus*) grown on
Cununurra clay in the Ord Irrigation Area.
Muchow, R.C.; Wood, I.M.
Melbourne, Commonwealth Scientific and Industrial Research
Organization; Feb 1981.
Australian journal of experimental agriculture and animal
husbandry v. 21 (108): p. 101-108; Feb 1981. 22 ref.

Descriptors: Australia

183 NAL Call. No.: SB29.I45L4
Pengaruh waktu tanam berbagai varietas serat karung pada
produksi serat [The effect of planting time on fibre yields of
some fibre plants used in sack manufacture (*Hibiscus*
sabdariffa, *Hibiscus cannabinus*, jute, *Corchorus*
capsularis).].
Sastrosupadi, A.; Suratman; Emmyzar
Bogor : Lembaga; Sept 1982.
Pemberitaan - Lembaga Penelitian Tanaman Industri v. 8 (43): p.
21-27. ill; Sept 1982. Includes references.

Language: Indonesian; English

184 NAL Call. No.: SB29.I45L4
Pengaruh jarak tanam dan waktu tebang terhadap produksi serat dan
biji kenaf [Effect of plant spacing and harvesting time on fibre
and seed production of kenaf (*Hibiscus cannabinus*).]. Suratman;
Emmyzar
Bogor : Lembaga; Oct/Dec 1982.
Pemberitaan - Lembaga Penelitian Tanaman Industri v. 8 (44): p.

26-31; Oct/De
1982. Includes references.

Language: Indonesian; English

185 NAL Call. No.: SB29.I45L4
Pengembangan tanaman serat karung rakyat hubungannya dengan
varietas, tanah dan iklim setempat [Selection of varieties, soil
and type of climate for the development of smallholders' burlap
fiber crops (Kenaf, jute, Halmahera, Indonesia).].
Suratman
Bogor, Lembaga; July/Sept 1979.
Pemberitaan - Lembaga Penelitian Tanaman Industri (34): p.
97-110. maps; July/Sept 1979. 4 ref.

Language: INDONESIAN; ENGLISH

Descriptors: Indonesia

186 NAL Call. No.: QD241.K453
Phospholipids of kenaf of variety Opytnyi-1847.
Tolibaev, I. Mukhamedova, K.S.; Akramov, S.T.
New York, Consultants Bureau; Nov/Dec 1980 (pub. 1981).
Chemistry of natural compounds v. 6 (6): p. 548-549; Nov/Dec 1980
(pub. 1981). Translated from: Khimiia prirodnikh
soedinenii, p. 775-777. (QD241.K45). 7 ref.

187 NAL Call. No.: QD241.K453
Phospholipids of the seeds of experimental varieties of kenaf.
Tolibaev, I.; Mukhamedova, Kh.S.; Glushenkova, A.I.
New York, N.Y. : Consultants Bureau; 1986 Sep.
Chemistry of natural compounds v. 22 (2): p. 146-149; 1986
Sep. Translated from: Khimiia prirodnikh soedinenii, (2),
1986, p. 158-160. (QD241.K45). Includes references.

Language: English; Russian

Descriptors: Hibiscus cannabinus; Seeds; Phospholipids;
Varieties; Lipid content

188 NAL Call. No.: QD241.K453
Phospholipids of the seeds of Hibiscus cannabinus (Fractional and
fatty acid composition, kenaf).
Tolibaev, I.; CHNCA8; Mukhamedova, Kh.S.; Akramov, S.T.
New York : Consultants Bureau; July/Aug 1982 (pub. 1983).
Chemistry of natural compounds v. 18 (4): p. 485-486; July/Aug 1982
(pub. 1983). Translated from: Khimiia prirodnikh
soedinenii, p. 516-517. (QD241.K45). Includes references.

Language: English; Russian

189 NAL Call. No.: QD241.K453
Phosphonolipids of kenaf seeds.
Mukhamedova, Kh.S.; Tolibaev, I.; Glushenkova, A.I.
New York, N.Y. : Consultants Bureau; 1985, reprinted 1986.
Chemistry of natural compounds v. 21 (5): p. 665-666; 1985,
reprinted 1986. Translated from: Khimiia prirodnikh
soedinenii, p. 708-709. (QD241.K45). Includes references.

Language: English; Russian

Descriptors: Hibiscus cannabinus; Seeds; Phosphonolipids;
Fatty acids; Plant composition

190 NAL Call. No.: QD241.K453
Polyphenolic compounds of the roots of (kenaf) Hibiscus
cannabinus.
Makhsudova, B.; Fam Van Tkhin'
New York, Consultants Bureau; Mar/Apr 1979.
Chemistry of natural compounds v. 15 (2): p. 202; Mar/Apr
1979. 3 ref.

Language: ENGLISH; RUSSIAN

191 NAL Call. No.: 4 AM34P
Population density and planting date effects on kenaf
performance (Hibiscus cannabinus).
Campbell, T.A.; White, G.A.
Madison, Wis., American Society of Agronomy; Jan/Feb 1982.
Agronomy journal v. 74 (1): p. 74-77; Jan/Feb 1982. Includes 9
ref.

Language: English

192 NAL Call. No.: 281.9 I093
The potential impacts of large-scale biomass production on
U.S. agriculture.
Turhollow, A.F. Jr; Shen, S.; Oamek, G.E.; Heady, E.O.
Ames, Iowa : The Center; 1985 May.
CARD report - Iowa State University, Center for Agricultural and
Rural Development (130): 100 p. maps; 1985 May. Includes 27
references.

Language: English

Descriptors: U.S.A.; Biomass; Energy resources; Economic
impact; Land use; Crop production; Models; Herbage; Kenaf

193 NAL Call. No.: aZ5071.N3
Potential new crop: kenaf, commercial fiber and pulp source.
Rafats, J.
Beltsville, Md. : The Library; 1985 Oct.
Quick bibliography series - National Agricultural Library
(U.S.). (86-12): 16 p.; 1985 Oct. Bibliography.

Language: English

Descriptors: Hibiscus cannabinus; Agricultural production;
Production possibilities; Pulp; Fiber plants

194 NAL Call. No.: aZ5071.N3
Potential new crop: kenaf, commercial fiber and pulp source,
1970-1987.
Rafats, J.
Beltsville, Md. : The Library; 1988 Feb.
Quick bibliography series - National Agricultural Library
(U.S.). (88-32): 34 p.; 1988 Feb. Updates QB 86-12.

Language: English

Descriptors: Hibiscus cannabinus; Plant production; Fibers; Pulp;
Production possibilities

195 NAL Call. No.: aZ5071.N3
Potential new crop: kenaf, commercial fiber and pulp source,
January 1979-December 1989.
Rafats, J.
Beltsville, Md. : The Library; 1990 Mar.
Quick bibliography series - U.S. Department of Agriculture,
National Agricultural Library (U.S.). (90-33): 18 p.; 1990
Mar. Updates QB 88-78. Bibliography.

Language: English

Descriptors: Hibiscus cannabinus; Kenaf; Cultivation; Fiber; Fiber
pulp; Production possibilities; Bibliographies

196 NAL Call. No.: aZ5071.N3
Potential new crop: kenaf, commercial fiber and pulp source
1970-1988.
Rafats, J.
Beltsville, Md. : The Library; 1988 Sep.
Quick bibliography series - U.S. Department of Agriculture,
National Agricultural Library (U.S.). (88-78): 18 p.; 1988
Sep. Updates QB 88-32. Bibliography.

Language: English

Descriptors: Hibiscus cannabinus; Pulping materials; Fiber;
Bibliographies

197 NAL Call. No.: 470 SCI25
Potential new crops.
Hinman, C.W.
New York, N.Y. : Scientific American, Inc; 1986 Jul.
Scientific American v. 255 (1): p. 32-37. ill; 1986 Jul.

Language: English

Descriptors: Crop production; Industrial crops; Oil plants; Crambe
abyssinica; Erucic acid; Simmondsia chinensis; Hibiscus cannabinus;
Cuphea; Lesquerella; Vernonia anthelmintica

198 NAL Call. No.: 302.8 T162
Preparation of kenaf bark and core fibers for pulping by the Ankal
method.
Kaldor, A.F.
Norcross, Ga. : The Technical Association of the Pulp and
Paper Industry; 1989 Sep.
Tappi journal v. 72 (9): p. 137-140; 1989 Sep. Includes
references.

Language: English

Descriptors: Paper; Kenaf; Bark; Pulping; Separation; Fiber
quality; Product quality

199 NAL Call. No.: 1 Ag84Te no.1215
Preservation of hemp and kenaf seed.. Kenaf seed
Toole, Eben H.; Toole, Vivian Kearns, 1906-; Nelson, E. G.

Washington : U.S. Dept. of Agriculture;; 1960; A 1.36-1215. 16 p.
; 23 cm. (Technical bulletin / United States Department of
Agriculture ; no. 1215). Caption title. Includes
bibliographical references.

Language: English

Descriptors: Hemp; Preservation; Kenaf; Preservation

200 NAL Call. No.: TS1171.T3
Process considerations and system design of non-woody spent pulping
liquor evaporators.
Beckstrom, B.W.
Atlanta, Ga. : TAPPI Press; 1989.
Pulping Conference : [proceedings] (Book 2): p. 493-502. ill; 1989.
Paper presented at the " Pulping Conference," October 22-25, 1989,
Westin Seattle, Seattle, Washington.

Language: English

Descriptors: Evaporators; Pulping; Wheat straw; Kenaf

201 NAL Call. No.: 381 J8224
Products of alkaline peroxide attack on wheat straw, oak, and
kenaf.
Abbott, T.; Peterson, R.
New York, N.Y. : John Wiley & Sons; 1985 Jul.
Biotechnology and bioengineering v. 27 (7): p. 1073-1076; 1985 Jul.
Includes references.

Language: English

Descriptors: Wheat straw; Quercus; Kenaf; Hydrogen peroxide;
Molecular weight

202 NAL Call. No.: 99.8 IN2
Pulping of kenaf bark--soda vs. sulphate.
Sharma, Y.K.; Dhawan, R.; Karira, B.G.
Dehra Dun : N.M. Misra; 1985 Oct.
The Indian forester v. 111 (10): p. 832-836; 1985 Oct.
Includes references.

Language: English

Descriptors: Hibiscus cannabinus; Bark; Pulping; Alkalies;
Sulfates; Bleaching; Strength; Yields

203 NAL Call. No.: QD241.K453
Purification of total phospho- and phosphonolipids of cotton and
kenaf seeds from accompanying substances.
Mukhamedova, Kh.S.; Tolibaev, I.; Glushenkova, A.I.
New York, N.Y. : Consultants Bureau; 1989 May.
Chemistry of natural compounds v. 24 (6): p. 666-668; 1989
May. Translated from: Khimiia Prirodnkh Soedinenii, v.
24(6), 1988, p. 785-788. (QD241.K45). AGL. Includes
references.

Language: English; Russian

Descriptors: Cotton; Kenaf; Seeds; Phospholipids; Extraction;
Purification

204 NAL Call. No.: S79.E37
Reproductive potential of plant parasitic nematodes on kenaf.
Lawrence, G.W.; McLean, K.S.
Mississippi State, Miss. : The Station; 1991 Feb.
Research report - Mississippi Agricultural and Forestry
Experiment Station v. 16 (2): 5 p.; 1991 Feb. Includes
references.

Language: English

Descriptors: Hibiscus cannabinus; Plant parasitic nematodes

205 NAL Call. No.: 100 M69MI
Researchers high on potential of kenaf.
Broadway, R.
Mississippi State, Miss. : The Station; 1989 Nov.
MAFES research highlights - Mississippi Agricultural and
Forestry Experiment Station v. 52 (11): p. 1-2. ill; 1989 Nov.

Language: English

Descriptors: Hibiscus cannabinus; Pulping materials; Pulp and paper
industry; Industrial crops; Cultivation

206 NAL Call. No.: 442.8 C99
Response of inbred and F1 hybrid embryos of mesta (Hibiscus
cannabinus L.) to X-irradiation.
Shome, A.; Hazra, S.K.
Tokyo : Cytologia; 1987 Jun.
Cytologia v. 52 (2): p. 229-234; 1987 Jun. Includes
references.

Language: English

Descriptors: Hibiscus cannabinus; Hybrids; Embryos (plant);
Inbreeding

207 NAL Call. No.: 64.8 C883
Responses of kenaf to salt stress: germination and vegetative
growth.
Curtis, P.S.; Lauchli, A.
Madison, Wis. : Crop Science Society of America; 1985 Nov.
Crop science v. 25 (6): p. 944-949; 1985 Nov. Includes
references.

Language: English

Descriptors: California; Hibiscus cannabinus; Greenhouse
culture; Stress analysis; Excess salt; Germination; Vegetative
period; Leaf area; Rgr

208 NAL Call. No.: 26 L53
Review of research on the insect pests of kenaf and their
control in the Sudan (Hibiscus cannabinus).
Eldin, N.S.; El-Amin, E.T.M.
Leipzig, Karl-Marx-Universitat; 1981.
Beitrage zur tropischen Landwirtschaft und Veterinarmedizin v. 19
(4): p. 433-437; 1981. Literature review. Includes 8 ref.

Language: English; French; German; Russian; Spanish

209 NAL Call. No.: 464.8 IN2
Rhizoplane mycoflora (including plant pathogens) of
fibre-yielding plants (Jute, Kenaf).
Mishra, K.B.
New Delhi, Indian Phytopathological Society; Mar 1978.
Indian phytopathology v. 31 (1): p. 21-23; Mar 1978. 12 ref.

Language: ENGLISH

Descriptors: India

210 NAL Call. No.: SB160.N38 1988
The rise and fall of kenaf as a fiber crop in North Carolina. Fike,
W.T.
Portland, Or. Timber Press; 1988.
Advances in new crops : proceedings of the First National
Symposium NEW CROPS, Research, Development, Economics,
Indianapolis, Indiana, Oct 23-26, 1988 edited by Jules Janick, J.E.
Simon. p. 297-299; 1988. Includes references.

Language: English

Descriptors: North Carolina; Kenaf; Hibiscus cannabinus; New
products; Product development; Crop production; Cultural
methods; Supply balance

211 NAL Call. No.: QK710.A9
The role of leaf area development and photosynthetic capacity in
determining growth of kenaf under moderate salt stress.
Curtis, P.S.; Lauchli, A.
East Melbourne : Commonwealth Scientific and Industrial
Research Organization; 1986.
Australian journal of plant physiology v. 13 (4): p. 553-565; 1986.
Includes references.

Language: English

Descriptors: Hibiscus cannabinus; Salt; Stress;
Photosynthesis; Leaf area; Growth; Turgor; Correlation

212 NAL Call. No.: 464.8 IN2
Root knot nematode on Phaseolus vulgaris and Hibiscus
cannabinus.
Nayak Singh, R.
New Delhi : Indian Phytopathological Society; 1984 Sep.
Indian phytopathology v. 37 (3): p. 582; 1984 Sep.

Language: English

Descriptors: India; Hibiscus cannabinus; Phaseolus vulgaris;
Meloidogyne javanica; Meloidogyne incognita

213 NAL Call. No.: SB160.N38 1988
Salt tolerance of kenaf.
Francois, L.E.; Donovan, T.J.; Maas, E.V.
Portland, Or. Timber Press; 1988.
Advances in new crops : proceedings of the First National

Symposium NEW CROPS, Research, Development, Economics,
Indianapolis, Indiana, Oct 23-26, 1988 edited by Jules Janick, J.E.
Simon. p. 300-302; 1988. Includes references.

Language: English

Descriptors: California; Hibiscus cannabinus; Cultivars; Salt
tolerance; Irrigation water; Saline water; Crop yield; Kenaf;
Biomass production

214 NAL Call. No.: S590.C63
Sap analysis for the prediction of stem yield and the need for
extra nitrogen fertiliser for kenaf.
Lyons, D.J.; Williams, R.L.; McCallum, L.E.
New York, N.Y. : Marcel Dekker; 1991.
Communications in soil science and plant analysis v. 22 (7/8): p.
659-666; 1991. Includes references.

Language: English

Descriptors: Queensland; Hibiscus cannabinus; Nitrate
nitrogen; Fertilizer requirement determination; Monitoring; Sap;
Seasonal variation; Yield forecasting

215 NAL Call. No.: 100 M69MI
Scientists find results of kenaf research encouraging.
Broadway, R.
Mississippi State, Miss. : The Station; 1990 Nov.
MAFES research highlights - Mississippi Agricultural and
Forestry Experiment Station v. 53 (11): p. 7. ill; 1990 Nov.

Language: English

Descriptors: Mississippi; Hibiscus cannabinus; Plant parasitic
nematodes

216 NAL Call. No.: 73.9 T31
A short note on the variation in mechanical properties of
individual filaments of jute and mesta (Kenaf).
Nhan, L.G.; Denby, E.F.
Manchester, Eng., The Institute; June 1979.
Journal.Textile Institute v. 10 (6): p. 262-268. ill; June
1979. 6 ref.

Language: ENGLISH

217 NAL Call. No.: QH301.I44
Simulation of the action of auxin-synergists by ethylene in the
rooting of cuttings (Kenaf, Hibiscus cannabinus).
Mandal, K.; INBID; Basu, R.N.
Calcutta : Indian Association of Biological Sciences; Apr
1983.
Indian biologist v. 14 (2): p. 34-37; Apr 1983. Includes
references.

Language: English

218 NAL Call. No.: TS932.J68
Solid state analysis of plant polymers by FTIR.
Abbott, T.P.; Palmer, D.M.; Gordon, S.H.; Bagby, M.O.

New York, N.Y. : Marcel Dekker; 1988.
Journal of wood chemistry and technology v. 8 (1): p. 1-28; 1988.
Includes references.

Language: English

Descriptors: Wheat straw; Kenaf; Oak; Pines; Cellulose;
Lignin; Infrared spectroscopy

219 NAL Call. No.: 1 Ag84C no.854
Some cultural experiments with kenaf in Cuba.
Walker, Joe E.; Sierra, Manuel
Washington, D.C. : U.S. Dept. of Agriculture,; 1950.
24 p. : charts ; 23 cm. (Circular / United States Department of
Agriculture ; no. 854). Caption title. Bibliography: p. 24.

Language: English; English

Descriptors: Kenaf; Cuba

220 NAL Call. No.: 64.8 C883
Stem and root density in kenaf and roselle at different
harvest dates (Hibiscus cannabinus, Hibiscus sabdariffa, for bast
fiber, as annual sources of paper pulp).
Adamson, W.C.; Minton, N.A.
Madison, Wis., Crop Science Society of America; Nov/Dec 1981. Crop
science v. 21 (6): p. 849-851. ill; Nov/Dec 1981. 2 ref.

Language: English

221 NAL Call. No.: QK710.A9
Stomatal behaviour of kenaf and sorghum in a semiarid tropical
environment. I. During the night.
Muchow, R.C.; Ludlow, M.M.; Fisher, M.J.; Myers, R.J.K.
Melbourne, Commonwealth Scientific and Industrial Research
Organization; Oct 1980.
Australian journal of plant physiology v. 7 (5): p. 609-619. ill;
Oct 1980. 27 ref.

Language: ENGLISH

Descriptors: Semi-arid Zone

222 NAL Call. No.: QK710.A9
Stomatal behaviour of kenaf and sorghum in a semiarid tropical
environment. II. During the day.
Muchow, R.C.; Fisher, M.J.; Ludlow, M.M.; Myers, R.J.K.
Melbourne, Commonwealth Scientific and Industrial Research
Organization; Oct 1980.
Australian journal of plant physiology v. 7 (5): p. 621-628. ill;
Oct 1980. 14 ref.

Language: ENGLISH

Descriptors: Semi-arid Zone

223 NAL Call. No.: QD321.C4
The structure of a "xylan" from kenaf (Hibiscus cannabinus).
Duckart, L.; Byers, E.; Thompson, N.S.
Bucuresti : Academia Republicii Socialiste Romania; 1988 Jan.

Cellulose chemistry and technology v. 22 (1): p. 29-37; 1988 Jan.
Includes references.

Language: English

Descriptors: Hibiscus cannabinus; Xylans; Plant extracts;
Polysaccharides; Xylose; Nuclear magnetic resonance

224 NAL Call. No.: QD241.K453
The structure of kenaf lignin.
Dalimova, G.N.; Geronikaki, A.A.; Abduazimov, K.A.
New York, Consultants Bureau; Nov/Dec 1978 (pub. 1979).
Chemistry of natural compounds v. 14 (6): p. 663-666. ill;
Nov/Dec 1978 (pub. 1979). 11 ref.

225 NAL Call. No.: 475 C33
Studies of the fibres of kenaf (Hibiscus cannabinus) (Used in paper making).
Theivendirarajah, K.; CYJBA
Peradeniya : University of Peradeniya; Apr 1981.
Ceylon journal of science. Biological sciences v. 14 (1/2): p. 7-9;
Apr 1981. 2 ref.

Language: English

226 NAL Call. No.: 307.8 J82
Studies on glycolipids of Kenaf, English walnut, Myrobalan and Manila tamarind seeds of the Vidarbha region (India).
Kulkarni, A.S.; Khotpal, R.R.; Bhakare, H.A.
Champaign, Ill. : The Society; 1991 Nov.
Journal of the American Oil Chemists' Society v. 68 (11): p. 891-893; 1991 Nov. Includes references.

Language: English

Descriptors: India; Walnuts; Tamarinds; Kenaf; Terminalia bellirica; Seed oils; Glycolipids; Fatty acids; Sterols; Chemical composition

227 NAL Call. No.: SB197.I5 1977
Study of the dynamics of flowering, protein and fibre content in varieties of kenaf (Hibiscus cannabinus) in Cuba.
Puentes, C.M.; Mujica, A.; Hernandez, A.
Berlin, Akademie-Verlag, c1980; 1980.
XIII International Grassland Congress : Leipzig, German Democratic Republic, 18-27 May, 1977, editors of congress proceedings, E. Wojahn and H. Thons. International Grassland Congress (13th : 1977 : Leipzig, Germany). p. 321-324. ill; 1980.

Descriptors: Cuba

228 NAL Call. No.: QD241.K453
A study of the structure of kenaf lignins by alkaline nitrobenzene oxidation.
Geronikaki, A.A.; Dalimova, G.N.; Kul'chik, N.Ya; Abduazimov, Kh.A.
New York, Consultants Bureau; Sept/Oct 1978 (pub. 1979).
Chemistry of natural compounds v. 14 (5): p. 551-554. ill;
Sept/Oct 1978 (pub. 1979). 14 ref.

229 NAL Call. No.: QD321.C4
Sugar components in hemicellulose of cotton stalk and kenaf. Laisu,
X.; Chong, T.; Wenyu, Li; Yanquan, L.
Bucuresti : Academia Republicii Socialiste Romania; 1988 Jul.
Cellulose chemistry and technology v. 22 (4): p. 399-403; 1988 Jul.
Includes references.

Language: English

Descriptors: Cotton; Kenaf; Hemicellulose; Sugars; Gas
chromatography; Xylose; Glucose; Arabinose; Rhamnose; Enzyme
activity

230 NAL Call. No.: DISS 84-25,658
A systems approach to commercialization of kenaf.
Taylor, Charles Smiley,
1984; 1984.
xiii, 202 p. : ill., maps. ; 21 cm. Photocopy. Ann Arbor,
Mich. : University Microfilms International, 1987.
Bibliography: p. 188-199.

Language: English

231 NAL Call. No.: 100 M69IN
Tolerance of kenaf to selected herbicides applied preemergence an
postemergence.
Kurtz, M.E.; Neill, S.W.
Mississippi State, Miss. : The Station; 1990 Apr.
Information sheet - Mississippi Agricultural & Forestry
Experiment Station (1325): 4 p.; 1990 Apr. Includes
references.

Language: English

Descriptors: Mississippi; Hibiscus cannabinus; Herbicides;
Tolerances; Application date; Testing

232 NAL Call. No.: HD2080.55.Z8A34 1982
Transportation, storage, and processing models (Agricultural
industry) rice, corn, cassava, kenaf sugarcane, rubber,
Thailand).
Conley, D.M.; Vathana, C.
Ames : Iowa State University Press, 1982; 1982.
Agricultural development planning in Thailand / Kenneth J.
Nicol, Somnuk Sriplung, Earl O. Heady, editors. p. 228-245; 1982.
9 ref.

Descriptors: Thailand

233 NAL Call. No.: SB123.H32
Underexploited crops.
Laidig, G.L.; Knox, E.G.; Buchanan, R.A.
New York, N.Y. : Macmillan Publishing Co; 1984.
Handbook of plant cell culture v. 3: p. 38-64; 1984. Includes
references.

Language: English

Descriptors: Parthenium argentatum; Simmondsia chinensis;
Hibiscus cannabinus; Asclepias syriaca; Asclepias; Crambe
abyssinica; Amaranthus; Production possibilities

234 NAL Call. No.: HD2346.U5R8
USDA resumes research on kenaf for making newsprint.
Menomonee Falls, Wis. : The Journal; 1989.
Rural enterprise v. 3 (1): p. 25. ill; 1989.

Language: English

Descriptors: Texas; Florida; Georgia; Mississippi; California;
Agricultural research; Kenaf; Newsprint; Usda

235 NAL Call. No.: 99.8 IN2
Use of kenaf and roselle as papermaking fibres (Hibiscus
cannabinus, Hibiscus sabdariffa).
Sharma, Y.K.; IFORA; Dhoundiyal, S.N.; Mathur, G.M.
Dehra Dun : N.K. Mathur; June 1983.
The Indian forester v. 109 (6): p. 401-406; June 1983.
Includes references.

Language: English

236 NAL Call. No.: 56.9 S032
The utilization of residual nutrients in fallow vegetable
fields for the production of herbaceous phytomass in west
central Florida.
Csizinszky, A.A.; Gilreath, J.P.
S.l. : The Society; 1985.
Proceedings - Soil and Crop Science Society of Florida v. 44: p.
223-227; 1985. Includes 23 references.

Language: English

Descriptors: Florida; Hibiscus cannabinus; Leucaena
leucocephala; Sida rhombifolia; Ricinus communis; Fallow
systems; Boehmeria nivea; Biomass accumulation; Nutrient
contents; Energy conversion

237 NAL Call. No.: 100 T31P
Varietal evaluations and fertility requirements of kenaf in
southeast Texas.
Sij, J.W.; Turner, F.T.
College Station, Tex. : The Station; 1988 Jun.
PR - Texas Agricultural Experiment Station (4560): 5 p.; 1988 Jun.
Includes references.

Language: English

Descriptors: Texas; Hibiscus cannabinus; Variety trials;
Agronomic characteristics; Crop yield; Npk fertilizers; Yield
response functions

238 NAL Call. No.: DISS 86-07,577
Vegetative growth and its limitation by moderate salt stress in
kenaf (Hibiscus cannabinus L.).
Curtis, Peter Smith
1985; 1985, reprinted 1987.
vii, 130 p. : ill. Bibliography: p. 119-130.

Language: English

239 NAL Call. No.: 1 EX892EX
 Why not kenaf?.
 Tilmon, H.D.; Taylor, R.; Malone, G.
 Washington, D.C. : The Administration; 1989.
 Extension review - U.S. Department of Agriculture v. 60 (1): p. 30.
 ill; 1989

Language: English

Descriptors: Kenaf; Poultry litter

240 NAL Call. No.: 442.8 Z8
 X-ray irradiation of excised embryos of mesta (*Hibiscus cannabinus* L. and *Hibiscus sabdariffa* L.) (Mutation frequency).
 Shome, A.
 Berlin, Springer; 1981.
 Theoretical and applied genetics v. 59 (1): p. 11-15. ill;
 1981. 12 ref.

241 NAL Call. No.: S612.I756
 Yield and growth responses of kenaf (*Hibiscus cannabinus* L.) in a semi-arid tropical environment to irrigation regimes based on leaf water potential.
 Muchow, R.C.; Wood, I.M.
 Berlin, Springer; 1980.
 Irrigation science v. 1 (4): p. 209-222. ill; 1980. 28 ref.

Language: ENGLISH

Descriptors: Tropics

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