

BIBLIOGRAPHY

Arnon, D. J. 1949. Copper enzymes in isolated chloroplasts: Polyphenol oxidase in *Beta vulgaris*. *Plant Physiol* **24**: 1-15.

Ashton, F. M. 1977. Localization of metabolism sites of action of herbicides. *Pesticids Biochem Physiol* **7**: 122-141.

Avchar B. K. & Deokule, S. S. 2007. Allelopathic influences of *Aristolochia bracteolata* Lam, on seed germination & seedling growth of *Cucumis sativus* L. *Geobios* **34**; 182-186.

Bansal, G. L. 2003. Allelopathy & sustainable agriculture abstr. In : 2nd International congress of plant physiology on sustainable plant productivity under changing environment; New Delhi PP – 272.

Bansal, R. P. 1978. seed reserves in the soils of cultivated fields & their ecological variability in relation to crops in arid zone. Ph.D. thesis, University of Jodhpur, Jodhpur.

Baziramakhga, R.; Simard, R. R. & Lerous, G. D. 1994. of Benzoic acid & cinnamic acids on growth, mineral composition & chlorophyll content of Soyabean. *Journal as chemical ecology* **20**: 2821-2833.

Bhalerao, E. B.; S. L. Laware; R. R. Vaidya; K. N. Dhumal. 2001. Effect of *Aspidium Cicutarium* rhizome extract on seed germination and seedlings growth of Jowar and Bajra *J. Med. Arom. Plant Sci* (4A) and 23 (1A): 499-501.

Bhalerao, E. B.; S. L. Laware; R. R. Vaidya & K. N. Dhumal. 2001. Influence of leaf leachates of *Pteridium* and *Aspidium* on physiology of *Mentha*. *J. Med. and a Rom Plant Sci* **22** (4A), 23 (1A): 502-504.

- Bhandari, M. C. and D. N. Sen. 1972. Growth regulation specificity exhibited by substances present in the fruit pulp of *Citrullus lanatus* (Thunb) Mansf. *Z Naturforsch.* 27:72-75.
- Bhat B. P. & D. S. Chuhan. 2000. Allelopathic effects of *Quercus* spp. On crops of gariwal Himalaya. *Allelopathy Journal*, 7: 265-273.
- Boby, Gogoi.; Kaushik, Das. & K. K. Barvab. 2000. Effect of allelochemicals on germination & seedling growth of rice (*Oryza sativa* L.) Cultivars *Allelopathy Journal* 7 (2): 279-284.
- Bowmik, P.C. & J. D. Doll 1982. Corn & Soyabean response to allelopathy effect of weed & crop residues. *Agronomic Journal* 74: 601-606.
- Chaterjee, U. N. 1975. Some aspects of plant-plant chemical interactions. *Indian Journal plant physio.* 18:91-96.
- Chinoy, J.J., O.P. Saxena ; P.G.Abraham ; R.B. Pandya ; I.C. Dave; K. Gurumurti & K. Sastri. 1969. Physiology of seed germination in relation to early production of ascorbic acid and ascorbic acid oxidase in Wheat (*Triticum*) and peanut (*Arachis*) PL – 480. *Final Report* No. F-6. In 182 (Ay-CR-87)1-350.
- Das, K. & B. K. Goswami. 2001. Allelopathic effect of aqueow extract of rice straw on germination & seedling growth of rice (*Oryza sativa* L.) *Geobios* 28; 121-124.
- Dass, Amita; Ashutosh, Isaiah; manjula, Thomas. & M.S. 2006. Paul effect of leaf extracts of some plants on seed germination & seedling mortality in *Parthenium hysterophorus* L. *Geobios*, 33: 29-32.
- Deleo, P. and J. Sacher 1970 Association of synthesis of acid phosphatase with Banana ripening. *Plant physiol.*, 46: 208-211
- Dias, L. S. I. P. Pereira & A. S. Dias. 1995. Evaluation of mediterranean type vegetation for weedicide activity. *Allelopathy J.* 2(2): 197-204.

E. I. Khatib A. A. and A. K. Hegazy 1999. Growth and physiological responses of wild Oats to the allelopathic potential of Wheat *Act Agronomica Hungarica*. 47(1): 1-18.

Folin, O. and W. Denis. 1915. A colorimetric method for the determination of Phenols and Phenol derivatives in urine. *J.Biol.Chem.*, 22:305-308

Fujii Y.; S. Hiradate & H. Hrya. 2002. Abstr. 3rd world. Congress on Allelopathy challenge for the new millennium ed., Tsukuba, Japan.

Garima Bartarya, Anjali Saxena, J.N. srivastava & G.P. Satsangi, 2005. Allelopathic potential of *Cyperus rotundus* (L) on germination & seedling growth of *Oryza sativa* (L) *Allelopathy Journal.*, 16 (2) 352-358.

Gaynar, D. G. 1991. Study of allelopathic effects of different forest tree species on field crops M. Sc. Thesis, submitted to Kokan krishi vidyapeeth Dapoli, Maharashtra, India.

Herbert, D 1955. Catalase from bacteria, In: Methods in Enzymology II (ed. Colwick, S.P. & Kaplan, N.O.) *Academic press*, INC. New York pp 724-786.

Jadhav, B. B. 2003. Allelopathic effects of leaf leachates of different trees 2nd International congress of plant-physiology, Jan 8-12, New Delhi, India S5-P29.

Jaworski, E.G.1971. Nitrate reductase assay in intact plant tissues. *Biochem. Biophys. Res. Common.* 43:1274-1279.

Jeloder, N.B.: S.S. Hossienl & M.T. Barar Pour (2002) Allelopathic effect of thistle (*Cirsium arvense* L.) & soyabean (*Glycine max* L. (merril)) residues on Rice (*Oryza sativa* L.) emergence & growth. Abstr. 3rd world cong. on Allelopathy, PP-22.

Kalita, D. 1999. Allelopathic effect of weeds on physio-chemical properties of rice and nutrient status of soil. *Indian J. Agric Chem.* 32: 7-15.

Kaushal, R.; K.S. Verma & K.N. Singh. 2003. Allelopathic effect of *Grewia optiva* & *Populus deltoids* on germination & seedling growth of some major field crops II International congress of plant physiology on sustainable plant productivity under changing environment; New Delhi, PP-291.

Kirk, J.O.T. and R. L. Allen. 1965. Dependence of chloroplast pigment synthesis on protein synthesis Effect of actidione, *Arch. Biochem, Biophys, Res. Commun.* **21**: 523-530.

Lee S.B., Y.C. Ku, K.H. Kim, S.J. Hann & I.M. Chowg Allelopathic Potential or Rice qermplasm against barnyard *Alleloathy Jorunal* **13** (1): 17-28, 2004.

Lin, Q. H.; H. Q. He and W. X. Lin. 2001. Study on the action characteristics of allelochemicals in rice *chinese J. Ecol. Agric* **9** (1) 84-85.

Lin, S.Z.,L. Du, & G. G. Cao. 2002 Advance & application prospects on allelopathy challenge for the new millennium ed., Tsukub, Japan.

Lin, W. X., K. U. Kim and D. H. Shin. 2000. Rice allelopathic potential and its modes of action on Barnyardgrass (*Echinochloa cross-galli*). *Allelopathy J.* **7** (2): 215-224.

Lowery, O.H.; N.J. Rosebrough; A.L. Farr and R.J. Randall 1951. Protein measurement with the Folin phenol reagent. *J. Biol Chem.* **193**:262-275.

Maehly, A.C. and B.Chance. 1954. The assay of catalases and peroxidases. In : methods of Biochemical Analysis. Vol.1 (ed.D.Glick). Interscience Pb. Inc, New York. pp 357-424.

Mahadik, S.G. & Jadhav, B.B. 2003. Influence of kokum (*Garcinia indica* CHOISY) & Gulmohar (*Delonix regia* Ruffin) lea leachates on germination of Rai & Cowpea 2nd International congress of plant physiology Jan.8-12- New Delhi, India S5-P30.

Mandal, S. & P. K. Tapaswi. 1999. Phytotoxicity of aqueous leachates from the weed chrozophora roltleri A Juss. on rice, wheat & Mustard. *J. weed Sci. and Technol* **44** : 144-146.

Manikandan, R. 1998. Effect of the steroid stanozolol and plant extract wedlia celendwacea (L) Less on growth physiology of cotton (*Gossypium hirsutum* L.) Less on growth physiology of cotton (*Gossypium hirsutum* L.) Var, Anjali, M. Phill Eissertation submitted to Bharatiar University, Combatore.

McClure, P. R.; H. D. Gross and W. A. Jackson. 1978. Phosphate adsorption by Soyabean varities. The influence of ferulic acid can *J. Bot.* 56: 764-767.

Mclachlam, K.D.1980. Acid phosphatase activity of intact roots and acid phosphorus nutrition in plants.I. Assay condition and phosphatase activity. *Aust.J.Agric.Res.* 21:429-440.

Mehta, P. M.; S. N. Mini and S. C. Gajaria. 1999. Impact of extracts of higher plants and algae on germination seedling growth and oxidizing enzymes of rice seedlings. *Advances in plant sciences* 12: 567-572.

Mengel, K. and E.A. Kirkby 1982. Principles of nutrition 3rd ed. Int. Potash. Inst. Bern, Switzerland.

Mohnot, K. & S.R. Soni 1977. Ecophysiological studies of desert plants. 1. Allelopathic potential of *Celosia argentea* in relation to germination & growth of Jawar Crop. *Trans, Isdt & Ucds* 2: 47-52.

Molina A; Reiqosa M.J.; carballera A. 1991. Releate of allelochemical aqents from litter through fall & topsoil in plantation of *Eacalyptis globulus* labill in spain. *Journal of chemical ecology.*, V. 17 (1): P-147-160, Jan.

Molisch, H 1937. Der Einfluss einer Pflanze auf die andere – Allelopathie, Gustav Fisher Verlag, Jena.

N.A. Ghayal & K.N. Dhumal. 2003. Phytophysiological studies in onion treated with leaf & stem leachates of *Eupatorium Odoratum* L S5-P23 2nd International congress of plant physiology, New Delhi, India.

Nandal D. P. S.; S. S. Bisla & S.S. Narwal. 1992. Allelopthic influence of eucalyptus and poplar leaf extract on germination & seedlings growth of winter vegetables. In:

proc. first National Symposium on Allelopathy in Agroecosystems (Agriculture and forestry) (Eds. P. Tauro and S. S. Narwal) Hisar India, *India society of Allelopathy* PP - 98-100.

Navaz M. I. Sansamma George & V.L. Geethakumari (2003) Influence of *Eupatorium (Chromolaena odorata)* (L.) King & Robinson leachates on germination & seedling growth of rice & cowpea. *Allelopathy Journal.*, 11 (2): 235-240.

Nelson, N.1944. A photometric adaptation of the somogyi method for the determination of glucose. *J. Biol. Chem.*, 153:375-380.

Newman, E. I. and M. H. Miller. 1977. Allelopathy among some British grassland species, II influence of root exudates on phosphorus uptake *J. Ecol* 65: 399-411.

Padhy, B., P. K. Patnaik. & A. K. Tripathy. 2000. Allelopathic potential of *Eucalyptus* leaf litter leachates on germination & seedling growth of finger millet. *Allelopathy Journal* 7(1) : 69-78.

Pawar, K.B. & Chavan, P.D. 1999. Influence of leaf leachates plant species on mineral nutrition of sorghum bicolor (L.) Moench. *Allelopathy Journal*, 6: 87-92.

Prasad, D.; G. Pant. and M.S.M. Rawat. 1999. Phytotoxicity of *Rhamnus virgatus* on some field crops. *Allelopathy J.* 6: 227-242.

Punjani, B.L. 2006. Effect of *Prosopis Chilensis* (Molina) Stuntz. Leaf extract on germination & seedling growth on Cotton, *Allelopathy Journal* 17(2) 321-326.

Putnam, A. R. and C.S. Tang. 1986. John Wiley & Sons Inc: New York, PP 243-271.

Putnam, A.R. 1985. Can it be managed to benefit horticulture? *Hort Science* 21, 411-413.

Quasem, J. R. and J. A. Hill. 1989. Possible role of allelopathy in the competition between *senescio vulgaris*, *Lycopersicum esculantum* L. and *Chenopodium album* L. *weed Res.* 29: 349-356.

R. Haouala; R. Khanfir; A. Tarchoune, S. Hawala & M. Beji 2008. Allelopathic potential of *Trigonella foenum-graecum* L. *Allelopathy Journal* 21 (2): 307-316.

Rice, E. L. 1974 *Allelopathy Academic Press*, New York.

Rice, E.L. 1984. *Allelopathy Academic Press*, Orlando, FL. 422 PP.

Riti, Thapar & N.B. 2005. Singh effect of *Ocimum americanum* leachates on seed germination & seedling growth of *Parthenium hysterophorus* L. *Allelopathy Journal* 16 (2) 301-308.

Sekine, T.; T. Sasakawa ; S. Morita.; T. Kimura and K. kuratom. 1965. cf. Laboratory manual for physiological studies of Rice 1972. (Eds Yoshida, S. Forno, D. cook, J.B. and Gomez, K.A.) Pub International Rice Research Institute Manila, India.

Singh, Deena & Y.B. Narsing Rao. 2003. Allelopathic evaluation of *Andrographis paniculata* aqueous leachates of rice (*Oryza sativa* L.) *Allelopathy Journal*, 11 (1): 71-76.

Singh, H. P.; D. R. Batish; S. Kaur and R. K. Kohli. 2002. Allelopathic interference of *Ageratum conyzoides* with some crop plants. In : Abstr 3rd world cong. on Allelopathy PP- 187.

Sinha, Pratima and B. K. Dube. 2000. Influence of calcium on yield & fruit quality of tomato. *Indian J. Hort.* 57 : 148-152.

Tanveer, M. Tahir; M.A. Nadeem; M. Younis; A. Aziz. & M. Yaseen. 2008. Allelopathic effects of *Xanthium strumarium* L. on seed germinations & Seeding growth of crops *Allelopathy Journal* 21 (2): 317-328.

Toth, S.J. A.L.Prince ; A.Wallace and B.Mikkelseen. 1948. Rapid quantitative determination of eight mineral elements in plant tissue by systematic procedure involving use of flame photometer. *Soil Sci.*, 66:459-466.

Tripathi, S. A.; Tripathi, D. C. Kori & S. Paroha. 2000. Effect of *Dalbergia Sissoo* extract rhizobium and nitrogen on germination, growth and field of *Vigna radiata*. *Allelopathy J.* 7(2): 255-264.

Tripathy, S. K.; A. K. Patra, and S. C. Samuli. 1999. Effect of micro-nutrients on nodulation growth, yield and nutrient uptake by groundnut (*Arachis hypogea* L) *Indian J. plant physiol*, 4 (3) : 207-209.

Vandana Lodha 2003. Germination & seedling vigor of *Oryza sativa* & *Triticum indicum* as affected by the allelopathy of spnoeran thus species 2nd International congress of plant physiology Jan. 08-12-2003 New Delhi, India, S5-P15.

Venkata Raju, R. R. 1999. Allelopathic effect of *Plumago zeylanica* L. on its associated plants. In: Abstracts, II world congress on Allelopathy: Critical Anyalysis & fulture prospectus (Ed. A. V. Malik). PP 181.

Vidyasagar, G. M. and A. H. Rajasab. 2001. Effect of neem (*Azadirachta Indica*), (*Parthenium hysterophorus*) and garlic (*Allium Sativum*) extracts on the incidence of powdery mildew of mulberry caused by *Phyllactinia corylea* *India Journal of Sericulture* 40: 81-85.

Vijaii P, G.V. Hanumantha Rao & G.L.N. 2003. Reddy Allelopathic effect of *Parthenium* leaf extract on growth development & field of Maize, Green gram & groundnut 2nd International congress of Plant Physiology Jan. 8/12/2003 New Delhi, India S5-P19.

Whittaker. R & P.P. Fenny.1971. Allelochemicals : instructions between species. *Sicence* 171: 757-770.