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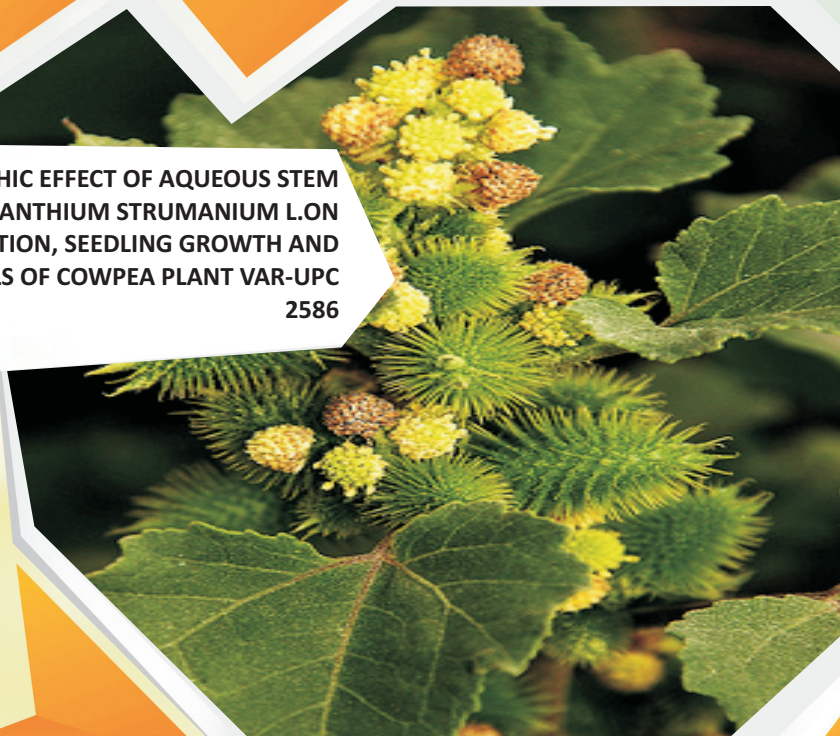
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ALLELOPATHIC EFFECT OF AQUEOUS STEM
EXTRACTS OF XANTHIUM STRUMANIUM L.ON
SEED GERMINATION, SEEDLING GROWTH AND
BIOCHEMICALS OF COWPEA PLANT VAR-UPC
2586

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ABSTRACT

The present study was conducted to investigate the allelopathic effects of stem extract of *Xanthium strumarium* L. weed plant on cowpea plant. The aqueous extracts of weed stem at 25%, 50%, 75%, 100% concentration were applied to determine their effect on seed germination, seedling length, seedling dry weight, fresh weight and biochemical of test plant under laboratory conditions. The aqueous extracts of weeds under study caused stimulatory effects on seed germination; seedling length, dry weight, fresh weight

Article Indexed in



Correspondence to **Nitin Jadhav , Kavita Jadhav , P.Gopal Reddy and V. B. Gaikwad**

Designation:-¹Dept.Of Chemistry K.T. H M.College, Nashik(M.S.)India.

²Dept.Of Botany, Jijamata College Bhende, Tal-Newasa, Dist- Ahmednagar, (M.S.)India,

³Dept.Of Botany, P.V.P. College, Pravaranagar, Loni Kd. Tal-Rahata, Dist-Ahmednagar (M.S.),

⁴Director, BCUD, Savitribai Phule Pune University, Pune (M.S.) India.

Introduction

Allelopathy is an important novel technology for achieving the goals and to alleviate the problems of environmental degradation. These techniques will serve as the key component for boosting productivity of arid, semiarid and irrigated agroecosystems.

A Good Introduction :-

Depict the significance (importance) of the study - why was this value doing in any case? Give a wide connection. Extremely briefly depict the exploratory configuration and how it achieved the expressed destinations.

Materials

The seeds of cowpea var-UPC 5286 were obtained from the M. P.K.V. Rahuri Vidyapith. The weed *Xanthium stumarium* was collected from the plant growing in the cowpea fields in the Newasatehsil of Ahmednagar in wet season.

A Good Materials :-

Materials may be accounted for in a different passage or else they may be distinguished alongside your systems. In biosciences we habitually work with arrangements - allude to them by name and portray totally, including convergences of all reagents, and pH of watery arrangements, dissolvable if non-fluid.

Result

All the growth parameters were shows increased rate as concentrations increased. Kulkarni and Khilare (2013) reported the allelopathic effect of *Artemisia* sp. On germination of Jowar, Wheat, Vigna and Chickpea.

A Good Result :-

Give a setting, for example, by depicting the inquiry that was tended to by mentioning a specific observable fact. Portray aftereffects of control investigations and incorporate perceptions that are not exhibited in a formal figure or table, if proper.

Conclusion

Must add Conclusion in your article.

A Good Conclusion :-

Thus, the research have wider scope for new academician and research scholars.

References

- An, M. Pratley, J.E. and Haig, T. (1998). Allelopathy: From Concept to Reality. "Agronomy, growing a greener future?" (Eds) by D.L Michalk and J.E Pratley. Proceedings of the 9th Australian Agronomy Conference, 20-23 July 1998, Charles Sturt University, Wagga Wagga, NSW.
- Deokule S.S. (1985). Allelopathy in some medicinal plants inhibition germination & seedling growth of certain weeds and agriculture crops of Baramati in Pune Districts 1 Biol. Indi. 6 (1&2):5-10
- Dhumalk. Nand Bhalerao E. B. (2004). Allelopathic potential of Fern frond extracts for sustainable improvement of grain yield and quality of sorghum. IVth Intl. Conf. Allelopathy in sustainable terrestrial and aquatic ecosystems Pp.84.

A Good References :-

There are Places where the Author Nitin Jadhav, Kavita Jadhav, P.Gopal Reddy and V. B. Gaikwad Need to Cite a Reference, but Have Not

SUMMARY OF ARTICLE

No.		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas	✓				
3.	Importance of the proposed ideas		✓			
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn		✓			
6.	Quality of writing (Organization, Clarity, Accuracy Grammer)		✓			
7.	References & Citation (Up-to-date, Appropriate Sufficient)	✓				

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REVIEWER COMMENTS

- This was a superb give an account of extremely intensive examination.
- The writing audit was careful, the approach was carefully exhaustive and fused the utilization of sufficient quantities of tests in dust size examination and blast tests.
- I discover no shortcoming at all with the routines, information examination, or conclusions.

Authorized Signature

Ashok Yakkaldevi

Dr. Ashok Yakkaldevi
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 +91-9595-359-435
 Email.: ayisrj2011@gmail.com
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