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International Conference on Horticulture, Agriculture and Food science

(HAFS-2023)

October 07-08, 2023

Souvenir



International Research
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International Conference on International Conference on Horticulture, Agriculture and Food science (HAFS-2023)

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About Conference

International Conference on Horticulture, Agriculture and Food science (HAFS-2023)

During the worldwide lockdown due to COVID 19 pandemic, a lot of important activities have come to a halt. However, when we look at the brighter side, all of us have more time for adding to our knowledge and insights.

With this aim, to keep contributing to learning and motivation International research and development Center for publication is going to organize a two-day International Conference with the title “**International Conference on Horticulture, Agriculture and Food science (HAFS-2023)**” on **October 07-08, 2023** through hybrid mode.

We hope, this online mode of the conference in COVID-19 pandemic will be an appreciable step in promoting the research activities and new information between researchers, developers, students, academicians and practitioners working in and around the world by keeping the social distance in view to stop the spread of COVID-19 disease. This conference aims is to present the current researches being carried out in the field of social science and education development around the globe.

Prospective authors from academia as well as industry are invited to submit their abstracts that illustrate original/unpublished works and industrial applications describing advances and significant innovations in the field.

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Message

I am extremely pleased to share that International Research and Development Center for Publication (IRDCP) is organizing a two days “**International Conference on Horticulture, Agriculture and Food science (HAFS-2023)**” on **October 07-08, 2023**.

I am sure the state of art lectures from the invited experts and the research findings of researchers, academicians, utility engineers will enrich the knowledge of all the participants. It will provide an excellent opportunity for students to learn new ideas.

I offer my best wishes to the whole team of the organizing committee, the participants, and volunteers for the grand success of the conference.

Dr. Kiran
Convenor HAFS-2023

Message

I am happy to know that International Research and Development Center for Publication (IRDCP) is organizing a two days “**International Conference on Horticulture, Agriculture and Food science (HAFS-2023)**” on **October 07-08, 2023**. I am sure that, this conference would provide an ideal platform for the academicians, scholars and experts to present and exchange their research findings and Ideas.

I wish the conference a great success.

Dr. Praveen Kumar Jain

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Abstract of HAFS-2023

Integrated management of *Saccharum officinarum* Artsch- Wager using fertilisers in forested areas of the Central African Republic

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Abstract— Despite its many uses, sugar cane (*Saccharum officinarum* L.) remains a neglected plant in scientific research in the CAR. The aim of the study, conducted in a forest area with the participation of farmers, is to assess the production of this crop in an integrated management system based on fertilisers. A completely randomised block design (BCR) was used, with five treatments and three replications. Treatments were randomly assigned from 1 to 5 (T1, T2, T3, T4 and T5), and included 15 elementary plots measuring 3.6m² (3m by 1.2m). The variability of growth, yield and economic productivity parameters of sugarcane in pure cultivation according to the treatments was measured and quantified. Software ® version 3.1.2 and XLSTAT 2016 version 4.2.1 were used to analyse the data. Analysis of variance (ANOVA) and Principal Component Analysis (PCA) were performed on all the parameters. This study revealed variability in growth and production parameters according to the recommended treatments. T4 (sugar cane + NPK + cow dung), T2 (sugar cane + NPK) and T3 (sugar cane + NPK) had plants with the best growth in height and diameter, unlike T1 (control plot) and T5 (sugar cane + NPK + cow dung), which had the lowest values. Principal component analysis (PCA) confirms that the variability between treatments is 72.74% on the two axes (1 and 2). Parameters such as internode length, stipule length, bud size and stem diameter showed positive correlations between the agronomic variables. However, on axis 2, between the different types of ridge (open furrow, micro-basin and wide bed), there was variability in sugarcane growth and production. These observations have shown that the treatments adopted have no impact on morphological characteristics. They do not influence growth, development or productivity, which explains the

high correlation between these parameters. Organo-mineral fertilisation can help to improve sugarcane production.

Keywords— Sugar cane, Fertilisers, Production, Integrated management, CAR.

Exploring the Psychological Dimensions of Infertility and Femininity: A Multifaceted Analysis of Science and Literature

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Old Mahabalipuram Road, Padur, Kelambakkam, Chennai, Tamil Nadu.

Abstract— Infertility is a multifaceted reproductive health condition that affects millions of women worldwide. In this paper, we examine the complex relationship between fertility and femininity from several perspectives. Using empirical research and theoretical frameworks, we explore the psychosocial impact of infertility on women and how this experience challenges and reframes traditional notions of female identity. This study looks at coping strategies, social support networks, and the importance of medical interventions for infertility. Our in-depth research highlights the importance of a broader understanding of infertility and its profound impact on women's mental health and identity.

Keywords— **infertility, mental health, identity, psychology**

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Sexuality as a Subversive Force in Erica Jong's *Fear of Dying*

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Abstract— The women have been marginalized and pushed to the periphery of the society all these years. They are marginalized in terms of gender and sexuality. They were confined to private sphere and was restricted from participating in the public sphere or mainstream society. There was no representation of women in the mainstream history. With the passage of time, women started to claim their rights. They started deconstructing the popular notion of mainstream history in order to provide equal space for women. Erica Jong in *Fear of Dying* also displays the anxiety of ageing in a woman's perspective. Through various instances, the author unsettles the notion of fear towards ageing and death. Erica Jong in *Fear of Dying* is trying to give women an authoritative and rational voice by challenging the patriarchal rules. Vanessa, a 60 year old actress in the story, reflects the condition of women and challenges the patriarchal rules. The novel explicitly represents those activities and lifestyles which helps women to move from passive agents to active agents. Through Vanessa, Jong exhorts women to move out of existing patriarchal system and discover their identity as separate from male defined identity of women.

Keywords— Anxiety, Ageing, Erica Jong, Fear of Dying, Lifestyle, Subversion, Sexuality, Patriarchal institutions.

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