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Floriculture and Mental Health: The Therapeutic Benefits of Flowers

(*Mayank Parihar, Pooja Sahu and Ashutosh Sahoo)

Department of Floriculture and Landscaping, College of Agriculture Bhubaneswar,
Odisha University of Agriculture and Technology Bhubaneswar-751003

*Corresponding Author's email: mayankparihar1997@gmail.com

In horticulture, Floriculture is the art and science of cultivating flowering and ornamental plants for public and home gardens, decor and the flower and foliage industry. It emerges as an exuberant confluence of beauty and well-being. Its significance transcends mere aesthetics, delving into the therapeutic attributes acknowledged and revered across diverse cultures and historical periods. Various activities from breeding new varieties to arranging blooms in ways of happiness in minds. However, the impact of flowers goes well beyond their visual attractiveness. Their presence in our lives is a gentle yet powerful force. It can evoke strong emotional responses and support mental well-being. This article delves into the symbiotic correlation between floriculture and mental health, elucidating how flowers possess the capacity to reinforce mental well-being and provide relief to the spirit.

Bouquet of Benefits

Enjoying flowers, whether gardening or simply appreciating their presence, has been proven to have several psychological benefits. This connection between flowers and mental health is not just based on anecdotal evidence but also supported by scientific research.

- **Stress reduction:** The act of gardening itself is a meditative practice. The repetitive tasks and the connection with the earth can help lower stress levels and promote a sense of peace.
- **Mood enhancement:** Flowers are natural mood boosters. Their vibrant colours and fragrances stimulate the senses, leading to increased feelings of happiness and satisfaction.
- **Emotional healing:** The nurturing process of growing and caring for plants can be incredibly fulfilling, offering a sense of purpose and accomplishment.
- **Social connection:** Community gardens and horticultural groups provide opportunities for social interaction, fostering relationships and community bonds.

The scent and colour of the flowers: The therapeutic effects of flowers can also be attributed to their scents and colours. Aromatic compounds found in flowers like lavender and chamomile are known for their calming properties. Similarly, the colour green has a relaxing effect on the brain, and the diverse hues of flowers can stimulate or calm the mind, depending on their intensity and tone.

Cultivating Mindfulness: Floriculture encourages mindfulness and presence. The focus required to plant, prune, and arrange flowers can serve as a form of active meditation, grounding individuals in the moment and alleviating worries about the past or future.

Flower Therapy: A form of complementary and alternative medicine (CAM) that uses flower essences to balance emotions and promote well-being. Chinese flower and bird paintings have been favoured in China and beyond. It is of considerable significance to study

the auxiliary treatment of depression by using Chinese flower and bird painting. Bach flower remedies are an alternative or complementary treatment for emotional problems and pain. They're made out of watered-down extracts from the flowers of wild plants.

Medicinal Marvels: Beyond their psychological impact, many flowers possess medicinal properties. They contain bioactive compounds with antioxidant, anti-inflammatory, and antimicrobial effects, which can contribute to overall health and resilience. Catharanthin and Vincristine, derived from Periwinkle (*Catharanthus roseus*), are utilized in cancer treatment. Vitamin C is extracted from rose fruits (hips) and is commercially marketed as rose hip vitamin C. Marigold (*Tagetes spp.*) and calendula (*Calendula officinalis*) flowers are abundant sources of lutein, a crucial nutrient for the prevention of blindness.

Conclusion

This article aims to provide a comprehensive overview of the therapeutic benefits of flowers, drawing from both scientific research and traditional practices. Floriculture offers a natural and accessible way to enhance mental health. Whether through the act of gardening or the enjoyment of floral arrangements, flowers have the power to transform our mental landscape, one petal at a time. As we continue to explore and understand the therapeutic benefits of flowers, we open ourselves to a world where mental well-being is nurtured by the simplest of life's pleasures—the beauty of a flower.