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Magnificent Marigold: Information Library

Marigolds offer wonderful spring and fall color. This Alert contains a listing and hyperlinks to cultural information available about marigolds and specific resources about producing plants for Dia de los Muertos.

Fall Marigold Program Information

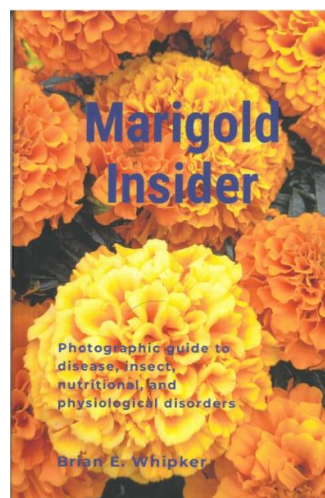
[Syngenta Marigold Program for Dia de los Muertos](#)

Guidelines for fall production.

[Ball Marigold Program for Dia de los Muertos: Taishan](#)

[Ball Marigold Program for Dia de los Muertos: Marvel II](#)

Production information for Taishan and Marvel II.



Marigold Program for Día de los Muertos

Día de los Muertos, or Day of the Dead, has grown in celebrations across the United States. This vibrant celebration, rooted in Mexican tradition, honors deceased loved ones through colorful altars, marigold flowers, and more. As cultural awareness and appreciation have increased, communities across the U.S. have embraced the holiday, hosting parades, festivals, and educational events. This celebration not only highlights the rich cultural tapestry of Mexican Heritage, but also fosters a deeper understanding and respect for diverse traditions, making it a cherished occasion for many.

Example Inca II™ Marigold Program

Use this information to plan your next Día de los Muertos marigold program or optimize your current finish culture as the holiday nears.

Inca II™
Long or short days, Inca II delivers.

- Well-branched, intermediate-sized plants with large double blooms meet the market demand for showy, retail-ready containers.
- Early flowering, even under increasing day lengths, makes Inca II easily adaptable for both early or late spring production.
- An outstanding choice for color and fill in sunny landscape applications.

Week Tip: Flowering marigolds for Day of the Dead programs does not require propagation blocks out when propagating on or after Week 21. See our Inca II™ culture guide for more information, such as container sizes and plants per pot or each out to us for technical support.

Learn more by scanning the QR code or visit www.syngentaflowers.com

Week	Natural Daylength	Propagation Action
Week 24	13 to 14.5 hours	Seed. No need to Black Cloth
Week 26	12.75 to 14 hours	No need to Black Cloth
Week 28	12.75 to 13.75 hours	No need to Black Cloth
Week 30	12.75 to 13.75 hours	No need to Black Cloth

Week	Photoperiod south to North Latitudes	Production Action
Week 27	12.25 to 13.25 hours	Transplant
Week 29	12.25 to 12.75 hours	
Week 31	12.25 hours	Apply plant growth regulators (PGRs) if necessary
Week 40	12 hours	
Week 41	11.75 to 12 hours	Apply PGRs if necessary
Week 42	11.25 to 11.75 hours	Spray with Crystal Aescor to help hold flowers longer
Week 43	10.75 to 11.75 hours	Finish

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Books - Marigold Information

[Marigold Insider](#)

A photographic guide to nutritional, disease, pests, and physiological disorders of marigolds.

[Ball Redbook, 19th Edition](#)

Contains a chapter discussing marigolds.

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e-GRO Marigold Information

[Nutritional Monitoring of Marigolds](#)

Offers recommended pH and EC levels.

[Fall Armyworms - e-GRO Alert](#)

A pest to be on the watch for with fall marigold production.

[Marigold Tomato Spotted Wilt Virus - e-GRO Alert](#)

Uncommon problem, but virus infections can afflict marigolds, too.

[Leafhoppers in the Greenhouse - e-GRO Alert](#)

Leafhoppers can be both an outdoor summer challenge and during the production of fall marigolds.

Marigold Cultural Guides

[Syngenta Crop Manual \(Europe\)](#)

Cultural guide for marigolds.

[Taishan - Ball Factsheet](#)

Cultural guide for Taishan marigold.

[Marvel II - Ball Factsheet](#)

Cultural guide for Marvel marigold.

[Discovery - Benary Technical Guide](#)

Cultural guide for Discovery marigold starting on page 71.

[Discovery Guide - Benary](#)

[AmeriSeed Guide](#)

Cultural guide for AmeriSeed marigold cultivars.

[Sakata Guide](#)

Sakata marigold information with link to cultural sheet.

[Greenhouse Production of Marigolds](#)

An Auburn University article detailing marigold production practices.

[Managing Your Marigolds](#)

A GrowerTalks article discussing production.

Marigold Scientific Information

[Timing Marigolds](#)

Summary of Michigan State University lighting studies.

[Substrate pH and Plant Nutrition](#)

[Bedding Plant Nutrient Deficiencies - Marigolds](#)

A chapter in this book highlights deficiency symptoms and tissue values. 2007. Out of print.

[Marigold Nutrient Deficiencies](#)

A guide to nutrient disorders of marigolds. (In Portuguese)

[Marigold Nutrient Deficiencies](#)

Another guide to nutrient disorders of marigolds.

[Marigold Cultivars Vary in Susceptibility to Iron Toxicity](#)

A scientific paper discussing low substrate pH-induced iron toxicity.



[Iron Deficiency Stress Influences Physiology of Iron Acquisition in Marigold \(*Tagetes erecta* L.\)](#)

Iron stress scientific paper.

[Micronutrient Fe and Mn Uptake From Peat by Marigold and Petunia](#)

A study that explores the baseline nutrient contribution of peat.

[Phytotoxicity of Several Iron Fertilizers and Their Effects on Fe, Mn, Zn, Cu, and P Content of African Marigolds and Zonal Geraniums](#)

Comparison of iron sources on nutrient accumulation.

[Irrigation Water Salinity](#)

Evaluation of poor water quality on marigold growth.

[Light Quality and Plant Growth](#)

Light quality impacts on growth, flowering, mineral uptake, and petal pigmentation of marigold.

Pests and Diseases

[CABI Digital Library Compendium](#)

Information database for marigolds, including a pest/disease listing.

[Diseases and Pests of Marigolds](#)

An overview of the major pest problems.

[Marigold Diseases](#)

A database-driven listing of marigold diseases.

[Diseases of Marigolds](#)

A scientific review article discussing the primary diseases of marigolds.

Additional Marigold Information

[Historical Information -University of Florida](#)

A blog post containing some interesting historical facts about marigolds.

[Cultivation Practices of the Flor de Muerto \(*Tagetes erecta* L.\) and Cultural Mobiles \(in Spanish\)](#)

[PRÁCTICAS DE CULTIVO DE LA FLOR DE MUERTO (*Tagetes erecta* L.) Y MÓVILES CULTURALES]

An article discussing the growing and cultural use of marigolds in Mexico.



e-GRO Alert

www.e-gro.org

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