



MUMS

BaïSeed®

2023 New Garden Mum Varieties

NEW FOR 2023

Growing Smarter with Mum Families

The answer is a simple one: mum families make growing easier! That's why BALL MUMS is making a concerted effort to bring more mum families to market, including the two you will find in these pages, NEW Milkshake and expanded Tribeca.

With families, it is easier to grow genetically related components together, as they share similar culture programs and feature consistent vigor, flower timing and form. This helps growers in several ways, including **ease of production scheduling**.

This uniformity also makes it **easier to grow combinations**, as a family will grow well together in mixed pots, taking the guesswork out of choosing and offering the perfect mums.

Our mum families include some of our **most popular** and best-performing varieties, and they offer plenty of color options to complement or contrast.

Contact your Ball Seed Sales Representative today or visit ballseed.com/gardenmums to see our full range of cutting-edge varieties, discover exclusive grower resources, and get advice from our expert technical support team to help make your mum program the best it has ever been!



BallMums

Find our full mum selection and information about our mum families at ballseed.com/CatalogsBrochures



Cindy Drumgool – Product & Business Manager

On the Cover: Tribeca Yellow



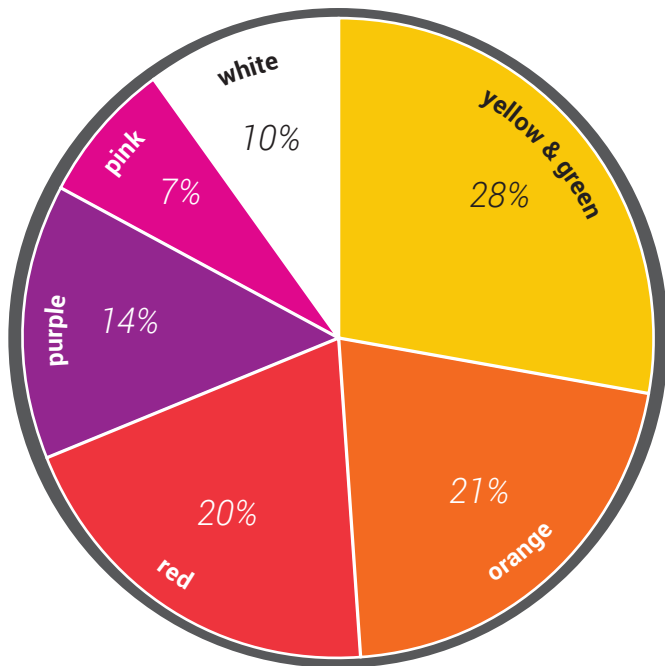
Guide to Color Selection

Getting your Ratios Right

Our customers often wonder what percentage of each color class they should grow to maximize their business. The color chart below reflects Ball Seed's most recent sales nationwide, and we recommend you utilize that same ratio of colors for your annual growing program – to obtain the perfect balance of colors.

You'll find plenty of top-performing options to choose from within each group, along with all the information needed to select the best varieties for your particular market.

Check with your Ball Seed Sales Representative for regional recommendations.



LISTEN



Your Best Mum Crop Ever



At Risk Crops - Garden Mums



WATCH

Garden Mums Kickoff



DOWNLOAD

Growth Tracking Tool



Symbol Key

EU

European (ball-shaped) habit



Performs well in Spring flowerings



Performs well in black cloth flowerings



Heat-tolerant variety (FL/TX)



Excellent for landscapes



Top Performer

MILKSHAKE

Very late-season, seven-color family has striking rich colors, dark green foliage and a long bloom time. Mounded plant habit works well in all pot sizes and hanging baskets. The name refers to fruity milkshake flavors, offering a flavor for every occasion.

TIMING	FLOWER DATE	BLACK CLOTH RESPONSE				HABIT	VIGOR
VERY LATE	10/21	9 WEEKS				MOUNDED	MEDIUM
		4"	6"	8"	10"	12"	½ BUSHEL H.B.
NATURAL SEASON		●	●	●	●	●	●
BLACK CLOTH		●	●	●	●	●	●



NEW Banana Yellow



NEW Berry Pink



NEW Cherry Purple



NEW Coconut White

MILKSHAKE



NEW Kiwi Bronze



NEW Papaya Orange



NEW Strawberry Red



Mix Banana Yellow • Papaya Orange • Strawberry Red



Mix Banana Yellow • Berry Pink • Papaya Orange

TRIBECA

NEW White has been added to this mid-season, now five-color family with strong colors and dark green foliage. Features very good keeping quality and heat tolerance. The nice, mounded habit works well in medium to large pot sizes and the landscape.

TIMING	FLOWER DATE <i>(White & Dark Pink)</i>	FLOWER DATE <i>(Amber Orange, Pink & Yellow)</i>	BLACK CLOTH RESPONSE	HABIT	VIGOR
VERY LATE	9/21	9/23	7 WEEKS	MOUNDED	MEDIUM
		4" 6" 8" 10" 12"		½ BUSHEL	H.B.
NATURAL SEASON		● ● ● ● ●			
BLACK CLOTH					



NEW White



Mix Dark Pink • Yellow • White



Mix Amber Orange • Yellow • White

TRIBECA



Amber Orange



Dark Pink



Pink



Yellow

MIXES

Mix and match within a family to make a variety of color combinations. *Individual colors sold separately.*



STELLAR

Pink • Red • Yellow



TRIBECA

Dark Pink • Yellow • White



Amber Orange • Yellow • White



FLAMINGO

Cranberry Red • Neon Pink • Pineapple Pink



CAROUSEL

Glimmer Orange • Pink • White



Pink • Yellow • White



PARADISO

Bronze • Pink • Yellow



Bronze • Yellow • White



Pink • Yellow • White



MORGANA

Orange • Pink • Yellow



Orange • Yellow • White



Orange • Red • Sunny Yellow



Crème White • Pink • Sunny Yellow



Orange • Pink • Sunny Yellow

AVALON



Crème White • Orange • Sunny Yellow



Crème White • Purple • Sunny Yellow



SKYFALL
Lemon Yellow • Purple • White



MILKSHAKE
Banana Yellow • Papaya Orange
Strawberry Red



Banana Yellow • Berry Pink
Papaya Orange

FAMILY	AVAILABLE COLORS FOR MIXES	SEASON	NATURAL SEASON FLOWERING DATE	BLACK CLOTH	CONTAINER SIZE				
					8"	10"	12"	1/2 BUSHEL	HB
Stellar	Pink • Purple • Red • Yellow	Mid	9/19 - 9/22	7 weeks	•	•	•	•	•
Tribeca	Amber Orange • Dark Pink • Pink • Yellow • White	Mid	9/21 - 9/23	Not Rec.	•	•	•	•	
Flamingo	Cranberry Red • Neon Pink • Pineapple Pink • Pink	Mid	9/23 - 9/27	Not Rec.	•	•	•	•	•
Carousel	Blushing Salmon • Glimmer Orange • Pink • White	Mid	9/26	7 weeks	•	•	•	•	•
Paradiso	Bronze • Pink • Yellow • White	Late	9/27 - 9/28	7 weeks	•	•			•
Morgana	Orange • Pink • Purple • Red • Yellow • White	Very Late	10/7 - 10/9	8 weeks	•	•	•	•	•
Avalon	Crème White • Golden Yellow • Orange • Pink Purple • Red • Sunny Yellow	Very Late	10/15 - 10/19	8 weeks	•	•	•	•	•
Skyfall	Lemon Yellow • Pink • Purple • Red • White	Very Late	10/15 - 10/23	9 weeks	•	•			•
Milkshake	Banana Yellow • Berry Pink • Cherry Purple • Coconut White Kiwi Bronze • Papaya Orange • Strawberry Red	Very Late	10/21	9 weeks	•	•	•		•

ROOTING STATIONS / DROPS & SUBS



ROOTING STATIONS

Your Ball Seed Sales Rep works with the most reliable suppliers in North America to provide you with the highest-quality rooted mum cuttings.

Ball Tagawa Growers
Arroyo Grande, California

D. S. Cole Growers
Loudon, New Hampshire

Dickman Farms
Auburn, New York

Genesis Plant Propagation Ltd.
Langley, British Columbia

George Sant & Sons
Kleinburg, Ontario

Green Leaf Plants
Smoketown, Pennsylvania

Greenstreet Growers, Inc.
Lothian, Maryland

Keepsake Plants
Alva, Florida

Knox Horticulture
Winter Garden, Florida

Kube-Pak
Allentown, New Jersey

Linwell Gardens, Ltd.
Beamsville, Ontario

Lucas Greenhouses
Monroeville, New Jersey

Mast Young Plants
Grand Rapids, Michigan

Plantpeddler, Inc.
Cresco, Iowa

Raker-Roberta's
Litchfield, Michigan

Van de Wetering Greenhouses, Inc.
Jamesport, New York

2023 DROPS & SUBSTITUTIONS

DROPPED VARIETY	NATURAL SEASON CROPS - <i>Suggested Substitutions</i>	BLACK CLOTH - <i>Suggested Substitutions</i>
Avalon Salmon	Avalon Pink	Avalon Pink
Gold Rush Yellow	Sundance Yellow / Sweet Honey Yellow	Yellow Tang
Goldcrest Yellow	Kizzmet Golden Yellow	Yellow Tang
Harvest Bronze	Copper Coin Bronze / Hot Sugar Gold Bronze	Copper Coin Bronze
Perfectly Pink	Stellar Pink	Stellar Pink
Red Rover	Mumma Mia Red / Majesty Red	Majesty Red
Skyfall Yellow	Skyfall Lemon Yellow	Skyfall Lemon Yellow
Twilight Bronze	Pumpkin Pie / Blazing Orange	Pumpkin Pie / Blazing Orange
Whispered Lavender Pink	Temptation Pink / Tribeca Dark Pink	N/A

TERMS & CONDITIONS OF SALE

VISIT BALLSEED.COM FOR CURRENT TERMS AND CONDITIONS OF SALE.

Note: Ball Terms & Conditions of Sale are country/region specific. The following Terms & Conditions of Sale apply to product sold within the United States and Canada.

ACCEPTANCE OF TERMS

These terms and conditions shall govern orders for seeds, bulbs, plants, supplies and other materials (merchandise) placed with Seller. All negotiations with sales representatives or other agents of Seller are merged herein. No modification of these terms and conditions shall be effective unless in writing signed by Seller. Placement of the order shall constitute Purchaser's acceptance of these terms and conditions. All orders are subject to acceptance by Seller at our offices in West Chicago, Illinois.

LIMITATION OF WARRANTY

Seller warrants, to the extent required by law, that merchandise conforms to the description appearing in Seller's catalog and on container labels, within recognized tolerances. SELLER MAKES NO OTHER OR FURTHER WARRANTY, EXPRESS OR IMPLIED. ALL OTHER OR FURTHER WARRANTIES, INCLUDING ANY WARRANTIES OF MERCHANTABILITY, TITLE, NON-INFRINGEMENT AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXCLUDED. Certain merchandise may be separately warranted by the manufacturer. Seller does not adopt or ratify any manufacturer warranties, express or implied, and Seller shall have no liability thereunder. Seller does not adopt or ratify any manufacturer warranties, express or implied, made by Purchaser upon resale of the merchandise, and Seller shall have no liability thereunder.

LIMITATION OF REMEDY

PURCHASER'S SOLE AND EXCLUSIVE REMEDY SHALL BE REFUND OF THE PURCHASE PRICE. SELLER'S LIABILITY, WHETHER FOR BREACH OF CONTRACT, BREACH OF WARRANTY, NEGLIGENCE, PRODUCTS LIABILITY OR ANY OTHER THEORY OF LIABILITY, IS LIMITED TO THE AMOUNT OF THE PURCHASE PRICE. UNDER NO CIRCUMSTANCES SHALL SELLER BE LIABLE FOR DAMAGES IN EXCESS OF THE PURCHASE PRICE, OR FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

USE RESTRICTION

Merchandise is not intended for sale to large-scale commercial growers of herbs or vegetables. Use, transfer and/or acquisition of merchandise constitutes acceptance of a limited right to use the merchandise solely to grow a single crop for food, feed, processing or ornamental purposes. No other use is permitted. Any transfer of merchandise must be accompanied by this use restriction.

MANDATORY ARBITRATION

ANY CLAIM WHICH PURCHASER MAY HAVE AGAINST SELLER ARISING OUT OF OR RELATING TO THE SALE OF THE MERCHANDISE SHALL BE SETTLED BY BINDING ARBITRATION

IN ACCORDANCE WITH THE COMMERCIAL ARBITRATION RULES OF THE AMERICAN ARBITRATION ASSOCIATION, SAID ARBITRATION TO BE VENUED IN COOK OR DUPAGE COUNTIES, ILLINOIS. The laws of several states require arbitration, conciliation or mediation of disputes involving allegedly defective seed before legal action may be taken. Purchaser should contact the State Department of Agriculture for information. Such laws typically require that a complaint be filed with the State Department of Agriculture in time to permit inspection of the seed, crops or plants. If such a complaint is filed, a copy must be sent to Seller by registered or certified mail.

GOVERNING LAW, JURISDICTION & VENUE

The laws of the State of Illinois, including but not limited to the Uniform Commercial Code as adopted therein, shall govern all matters arising out of or relating to Seller's sale of merchandise. ANY DISPUTE NOT SUBJECT TO ARBITRATION AND ANY ACTION TO ENFORCE AN ARBITRATION AWARD ARISING OUT OF OR RELATING TO THE SALE OF MERCHANDISE HEREUNDER SHALL BE MAINTAINED IN THE STATE OR FEDERAL COURTS LOCATED IN DUPAGE OR COOK COUNTIES, ILLINOIS, AND PURCHASER SUBMITS TO THE JURISDICTION OF AND VENUE IN SAID COURTS.

INDEMNITY

By accepting merchandise, Purchaser agrees to defend Seller, to hold it harmless and indemnify it from and against any claim or loss asserted by any or all transferees of such merchandise or users of the products of such merchandise who are not notified by Purchaser in writing of Limitation of Warranty, Limitation of Remedy, Mandatory Arbitration, Governing Law Jurisdiction and Venue, and Notice Regarding Seed-Borne Diseases in language substantially equivalent to that contained in these Terms & Conditions of Sale.

PRICES

All prices are subject to change without notice. The price in effect at time of shipment will prevail. Prices do not include installation; Seller takes no responsibility, and shall have no liability for installation. Requests to package seed in unlisted sizes will incur a charge of \$0.75 per packet. Additional processing and handling charges may be added.

PAYMENT

Payment is due in invoiced currency and in accordance with the terms specified on invoice. In the event of default in the payment of any amount when due, and in addition to all other rights and remedies available to Seller, SELLER SHALL BE ENTITLED TO COLLECT A LATE CHARGE OF 2% PER MONTH (24% PER YEAR) OR THE MAXIMUM RATE ALLOWED BY LAW, WHICHEVER IS LESS, ON ALL AMOUNTS PAST DUE FROM THE DATE DUE UNTIL THE DATE PAID. A FEE OF \$25.00 WILL BE CHARGED FOR ANY RETURNED CHECK, DECLINED EFT TRANSACTION OR DECLINED BANKCARD TRANSACTION. If paying by Pre-Authorized Debit (PAD), or EFT,

please note you have waived your right to receive pre-notification of the amount of the PAD and agreed that you do not require advance notice of the amount of PADs before the debit is processed.

FREIGHT & HANDLING CHARGES, INSPECTION, DAMAGED GOODS

The freight and handling charge on Purchaser's invoice covers shipment of the merchandise to Purchaser's destination, and replacement or credit for damaged merchandise if the steps listed here are followed. PURCHASER WILL NOT REFUSE OR RETURN GOODS, OR THE RIGHT TO FILE A CLAIM IS LOST AND PURCHASER WILL STILL BE LIABLE FOR THE MATERIAL AND THE FREIGHT. When Purchaser receives shipment: 1) Count all cartons. 2) Inspect all cartons for external damage. 3) Check for open or resealed cartons. 4) Note any damages, shortages, open or resealed cartons on the delivery receipt; the carrier's representative must also sign the receipt. 5) Open all boxes immediately and inspect for damage, such as scorched, frozen or broken plants; material shortages; etc. NOTIFY SELLER IMMEDIATELY IF A SHIPMENT IS DAMAGED. Call the Ball Traffic Department at **800 879-BALL** to report the damage and receive details on what is needed to file a claim.

CANCELLATION POLICY

Cancellations for unrooted cuttings must be received at least thirty (30) days prior to scheduled ship date. Cancellations for liners or seed-raised plugs must be received prior to stick or sow date.

NOTICE & RETURN

Seller shall have no liability for any defect unless notice is given promptly, not to exceed thirty (30) days after such a defect is or should have been discovered. The buyer is limited to six months from the ship date to report issues. Issues that arise past six months will not be considered for credit. No merchandise may be returned without the Seller's prior written authorization. Requests to return merchandise must be made within ten (10) days after delivery. All returns must be in accordance with Seller's shipping instructions with freight paid by Purchaser. All requests for return of merchandise must be made to Ball at **800 879-BALL**. The Purchaser will also be asked to provide a letter stating the reason for the return.

The order number or invoice number must accompany the return in order to expedite the credit. NOTE: No seed will be accepted without prior notification to Ball at **800 879-BALL**. Effective immediately, seed that is returned without authorization will not be accepted and credit will not be issued. For all Purchasers in the United States, a FedEx call tag will be issued upon authorization of return. There is a \$20.00 freight charge for the FedEx return. Seed must be returned in the original condition within thirty (30) days of the ship date for full credit. No open packages will be accepted. If seed is returned within thirty-one (31) to sixty (60) days after ship date,

full credit will be given but a 15% restocking charge will be assessed. No credit or replacement will be given for seed returned after sixty-one (61) days from our ship date. Because Ball® Controlled Growth seed is perishable and has a shorter shelf life, no returns of these products will be accepted.

DELAYS, SHORTAGES & SUBSTITUTIONS

Seller shall not be responsible for delays in delivery or for losses resulting from such delays. Seller reserves the right to make partial shipment. In the event of shortages, Seller may substitute such other, similar merchandise as is available.

PLANT PROTECTION

Varieties described herein may be covered by the Flowering-Only Terms and Conditions of Sale Agreement, United States Plant Patents, United States Plant Variety Protection, Utility Patents, and Plant Breeders' Rights. These varieties may not be reproduced without authorization. The breeder or authorized representative has the right to inspect Purchaser's nurseries during normal business hours to assess compliance with the restrictions on use of protected varieties.

TRADEMARKS

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SALES LIMITATIONS EXPORT CONTROL

THE COMPANY'S PRODUCTS MAY NOT BE SOLD, DIVERTED, TRANSFERRED OR RE-EXPORTED, DIRECTLY OR INDIRECTLY, TO ANY INDIVIDUAL, ENTITY, OR DESTINATION THAT IS SUBJECT TO UNITED STATES OR UNITED NATIONS SANCTIONS PROGRAMS OR EMBARGOES (INCLUDING BUT NOT LIMITED TO OFAC SANCTIONS PROGRAMS AND THOSE LISTED ON OFAC'S "SPECIALLY DESIGNATED NATIONALS" LIST) WITHOUT AN APPROPRIATE EXPORT LICENSE.

FOREIGN CORRUPT PRACTICES ACT

EACH PARTY REPRESENTS AND WARRANTS TO THE OTHER PARTY THAT IT WILL TAKE NO ACTION IN RELATION TO THIS TRANSACTION THAT WOULD BE IN VIOLATION OF THE APPLICABLE LAWS AND REGULATIONS OF ANY COUNTRY AND THE UNITED STATES OF AMERICA. NO PAYMENTS OF MONEY OR ANYTHING OF VALUE WILL BE OFFERED, PROMISED OR PAID, DIRECTLY OR INDIRECTLY, TO ANY OFFICIALS TO INFLUENCE THE ACTS OF SUCH OFFICIALS TO INDUCE THEM TO USE THEIR INFLUENCE WITH A GOVERNMENT OR AN INSTRUMENTALITY THEREOF, OR TO OBTAIN AN IMPROPER ADVANTAGE.

NOTICE REGARDING SEED-BORNE DISEASES

Seller makes no representation regarding the freedom from seed-borne diseases of the seed sold and disclaims any liability relating to such diseases, whether previously known to exist or not identified until this seed is grown.

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