



Kentucky Bluegrass

Mazama (tested as A04-74) is a new elite, very dark green (tops in genetic color in 2013), dense and medium fine leaved variety, with very good turf quality and wear tolerance as demonstrated in the latest 2013 data from the current bluegrass NTEP trials. It was developed at Rutgers. It is an excellent summer performer under severe summer stress, and will persist indefinitely under demanding turfgrass conditions. Mazama is a low growing cultivar that requires less frequent mowing than most other bluegrasses. It is classified as an improved "America" type variety.

Usage:

Mazama is recommended for use wherever a premium quality Kentucky bluegrass turf is needed and is adapted well into the transition zone. Under good conditions it can be cut to 1/2", and is suitable for golf course fairways and roughs. It can be used in sod blends, on sports turf, in parks and on high quality home lawns. Compared to many varieties, Mazama has good adaptation to shady conditions.

Disease Resistance:

It is rare to find the overall disease resistance that Mazama possesses. It has demonstrated very good to excellent resistance to Leaf Spot, Melting Out, Summer Patch (outstanding resistance), Dollar Spot (outstanding resistance), Brown Patch, Rusts and Powdery Mildew. It exhibited no red thread. Mazama also has above average tolerance to heat, drought and summer stress conditions in NTEP trials.

Seeding and Establishment:

NTEP seeding vigor for Mazama was very good. A seeding rate of 2-4 lbs. per 1000 sq. ft. is recommended. The soil incorporation of a pre-plant fertilizer, based on a soil test, is recommended. Generally, incorporating 1 to 1-1/2 lbs. of actual NPK per 1000 sq. ft. is helpful to ensure a quick start. Light, frequent irrigation is recommended when necessary to encourage rapid germination and establishment. Under good late summer and early fall conditions, germination and seedling emergence can be expected within 7-14 days after planting.

Management:

Mazama is a versatile variety and can adapt to higher levels of management, or to middle and lower maintenance regimes as well. For the best quality turf, timely fertilization and irrigation are recommended. About 1/2 lb. of actual N per month of growing season is recommended, but higher and lower amounts of N can be tolerated. The recommended cutting height ranges from 1/2" up to 3".

Features

- "America" type
- Low growing
- Excellent summer stress resistance
- Medium-fine leaf texture
- Very dark green color
- Very good turf quality
- Very good wear resistance
- Good shade tolerance

Primary Disease Resistances

- Leaf Spot
- Melting Out
- Summer Patch (outstanding resistance)
- Dollar Spot (outstanding resistance)
- Brown Patch
- Rusts
- Powdery Mildew

Uses

- Sod Blends
- Sports Turf
- Parks
- Home Lawns
- Golf course fairway
- Golf course rough

Seeding Rates

- **New Turf**
2-4 lbs/1,000 sq ft

Mow Height

- Recommended - 2 in
- Max - 3 in
- Min - 1.5 in



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Mazama

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NTEP 2014 Data Highlight - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown Under Shade At Carbondale, IL

Turfgrass Quality and Other Ratings 1-9;
9 = Best

NAME	APR	MAY	JUN	JUL	AUG	SEP	OCT	MEAN
MAZAMA (A04-74)	5.3	6.0	6.3	6.7	6.7	7.0	6.3	6.3
BAR 8PP 504	4.3	5.3	6.7	7.0	6.7	6.0	6.0	6.0
BARVETTE HGT (BAR VV 0709)	4.3	4.7	6.7	6.7	6.3	6.0	5.7	5.8
AMERICA	3.7	4.3	5.0	5.0	4.7	4.7	3.7	4.4
PICK 033	3.3	3.7	4.7	5.3	5.3	4.7	3.7	4.4
CABERNET	3.0	3.0	3.3	4.0	4.0	3.7	3.7	3.5
MIDNIGHT	2.7	2.7	3.0	3.3	3.7	2.7	3.0	3.0
BLACKJACK	1.0	1.3	1.7	1.7	1.3	1.3	1.3	1.4
LSD Value	3.6	5.6	4.5	4.9	5.4	4.6	4.0	4.1

NTEP 2014 Data Highlight - Mean Turfgrass Quality Ratings of Kentucky Bluegrass Cultivars Grown Under Stress at Raleigh, NC

Turfgrass Quality and Other Ratings 1-9;
9 = Best

NAME	GENETIC COLOR	SPRING GREENUP	LEAF TEXTURE	DENSITY SPRING	DENSITY SUMMER	DENSITY FALL	MEAN
BAR PP 110358	6.7	6.0	7.7	7.0	8.0	8.0	6.4
MIDNIGHT	8.3	5.3	8.0	7.7	7.3	7.3	6.2
MAZAMA (A04-74)	8.3	5.0	7.7	7.7	7.0	7.7	6.1
EMPIRE	8.0	6.3	7.0	7.7	6.7	6.7	5.4
AVID	7.7	4.3	7.0	7.0	7.0	7.3	5.0
AMERICA	8.0	5.3	6.7	7.3	5.7	6.3	4.5
SUDDEN IMPACT	8.0	3.7	7.7	8.0	7.3	7.3	4.5
LEGEND (A10-1)	8.0	4.7	7.0	7.3	6.0	6.3	4.4
LSD Value	0.7	1.7	0.7	1.1	1.3	1.0	0.9

NTEP 2012 Data Highlight - Fall Color (December) Ratings of Kentucky Bluegrass Cultivars

Fall Color Ratings 1-9;
9 = Complete Color Retention

NAME	MD1
MAZAMA (A04-74)	6.7
LEGEND (A10-1)	6.0
MIDNIGHT	6.0
NU CHICAGO	6.0
SUDDEN IMPACT	6.0
AMERICA	4.3
CABERNET	4.0
LSD Value	1.0



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