

# Dynamo

## Kentucky Bluegrass

- Elite widely adaptable variety
- Medium to full maintenance
- Earlier spring greenup
- Better patch disease resistance
- Improved shade tolerance
- Thrives in short or higher cut turf
- Excellent mixer with Midnight types

**D**ynamo Kentucky Bluegrass is an elite fine leaved turf variety that is a cross of Blacksburg and Unique turf varieties developed by Pure Seed Testing, Inc. Dynamo thrives under short cut, high maintenance golf fairway and sports turf regimes. The variety has traits that also offers very good low maintenance performance. With improved shade tolerance and powdery mildew resistance, Dynamo mixes well with Midnight types to give a nice genetic balance for sports turf and sod mixes.

Classified as a compact America type, Dynamo Kentucky bluegrass was developed to provide a medium dark green plant with high shoot density. It has a short growth habit, good wear tolerance and color retention. The variety greens up in early spring and retains its color later through the growing season. Dynamo Kentucky bluegrass is a very nice looking turf cultivar with good seedling vigor and high sod strength. These attributes make Dynamo a superb variety that is widely adaptable to use in mixes for sod production, commercial and home turf, and sports field use.

Improved disease resistance is an advantage of Dynamo. It shows excellent resistance to powdery mildew, summer patch and dollar spot diseases. The variety ranked in the top ten, and as high as #1 in shade trials conducted at University of Illinois NTEP testing recently. Dynamo will perform well when cut as low as 1/2 inch, but is easily adaptable to a 2 1/2 inch height of cut.



Dynamo plot shown at one half inch cutting height in mid July, 2004 at U. of Maryland field day in College Park.

**New Lawns: 2 to 3# per 1000 square feet**  
**Overseed: 1 to 1.5# per 1000 square feet**



**Burlingham  
Seeds**



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*Quality Seed Since 1911*

## NTEP data taken in 2001, published in 2002

Variety	B3-185	High	Low	LSD
Rutgers Bluegrass classification	Compact America			
Summary of Quality Ranking	67			
Turf Quality	5.7	6.2	4.8	0.2
Turf Quality Schedule A	5.9	6.4	4.8	0.3
1 INCH OR LESS MOWING HEIGHT 3 - 4 lbs. N/1000 FT <sup>2</sup> /YEAR IRRIGATION TO PREVE				
Turf Quality Schedule B	5.7	6.4	4.4	0.2
1 - 2 INCH MOWING HEIGHT 3 - 4 lbs. N/1000 FT <sup>2</sup> /YEAR IRRIGATION TO PREVENT D				
Turf Quality Schedule C	5.9	6.6	5.1	0.4
2 - 3 INCH MOWING HEIGHT 0 - 2 lbs. N/1000 FT <sup>2</sup> /YEAR NO IRRIGATION AFTER				
Leaf Texture 1=coarse	6.7	8.3	3.8	0.5
Genetic Color	6.1	7.9	5	0.2
Winter Color VA NJ	4.9	7.7	3.9	0.7
Summer Color ME	7.3	9	5.3	1.2
Spring Density	7.6	7.9	6.1	
Summer Density	7.5	8.1	6.7	0.4
Fall Density	7.1	7.9	5.3	0.5
Winter Density	7.7	8.7	5.3	1.2
Spring Greenup	5.2	6.7	3.9	0.6
Seedling Vigor	5.1	6.8	3.7	0.4
% Establishment	48.3	70.2	34.3	5.5
% Living Ground Cover Spring	74.3	79.9	59	4.3
% Living Ground Cover Summer	83.6	88.1	63.1	7.9
% Living Ground Cover Fall	86.6	89.3	73.7	3.9
Drought Tolerance Wilting NJ	7.3	9	2.7	1.6
Poa Annuua	6.2	7	3.3	1.1
Shear Strength	6.7	8	2.3	3.1
Turf Height NJ 1= short	2.3	7.3	1	1.1
Sod Stretching 1=no strength	128	236.7	5	41
Leaf Rust NC	8.5	9	5	1.6
Crown Rust WA	9	9	5	2.2
Stem Rust IN/OH	8.2	9	6.3	1
Brown Patch WI	8.7	9	6	2.1
Summer Patch NC	8.9	9	5.4	0.9
Microdochium Patch PA	9	9	2.7	0.5
Leaf Spot	5.7	7.9	2.7	0.9
Dollar Spot PA	7.7	9	3	2.7
Powdery Mildew	9	9	2.7	1.5
Snow Mold WI	7.7	8	4	1.3
Melting Out NC	6	9	5.3	0.7



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