Grass
Experimental Designation: AKB2769

1. Kind: Kentucky Bluegrass
Genus: Poa Species: pratensis
Date submitted: 3 January 2024 Ploidy level for ryegrass: Not applicable

2. The parental germplasm of AKB2769 traces its origin to a bluegrass line [derived from crosses of H87-337 x released cultivar 'Glade'] top crossed with the released cultivar 'Diva'. Selection criteria was for general impression and percent apomixis. The percentage of apomixis was determined to be 97.50%. Breeder seed of AKB2769 was first produced in 2008.

3. The primary use will be for Turf. AKB2769 has been trialed in Oregon.

4. Growth &	Heading Date (Calendar Day)		Mature Plant Height (cm)		Panicle Length (cm)	
Morphology	Albany, OR		Albany, OR		Albany, OR	
Traits	2022	2023	2022	2023	2022	2023
AKB2769	30-Apr	11-May	66.4	49.6	43.0	31.8
Diva	18-Apr	3-May	80.8	65.2	56.5	40.6
AKB419	22-Apr	2-May	84.6	59.3	63.9	45.3
Mallard	30-Apr	6-May	71.3	49.5	52.7	34.6
Midnight	14-May	15-May	55.7	37.9	38.4	24.3
Shamrock	20-Apr	1-May	71.7	55.5	48.4	35.2
Trial Mean	27-Apr	5-May	70.5	53.1	48.5	34.8
LSD (.05)	1.39	0.69	2.6	2.4	1.9	1.4
CV	20.51	9.72	14.2	21.8	14.8	20.0

Data collection from: Spaced single plants ____X_____ Plants in rows/solid seeding _____

Variants to be expected and frequency: < 2.51% of plants with taller mature plant height.

5. Turf Use	Cover		Genetic Color		Density		Turf Quality	
a)	1-9 (9 = Best)		1-9 (9 = Best)		1-9 (9 = Best)		1-9 (9 = Best)	
b)	2021	2022	2021	2022	2021	2022	2021	2022
AKB2769	7.9	6.9	4.0	1.8	4.5	2.7	5.8	4.7
Ginney	8.4	7.8	6.1	4.5	4.9	3.4	6.1	5.5
Mallard	8.0	8.1	5.3	4.4	4.4	3.0	5.8	5.3
Oasis	8.0	8.2	4.9	4.6	4.5	3.0	5.7	5.4
Ridgeline	8.1	7.9	5.7	4.2	5.1	3.3	6.3	5.2
Trial Mean	8.0	7.6	5.1	3.7	4.8	3.2	5.9	5.1
LSD (.05)	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.3
CV	2.0	2.5	4.6	7.6	5.0	6.1	3.1	4.0

6. Breeder seed of AKB2769 was first produced in 2008. Breeder seed is maintained by NexGen Turf Research LLC. Albany Oregon. Breeder seed is maintained by seed and may be re-multiplied at the breeder's discretion. Foundation and Registered fields may be established from breeder seed. Seed production of Foundation and Registered class will be limited to three (3) years. Seed production of Certified class will be limited to five (5) years. Additional years of seed production may be approved by the breeder or an individual designated by the Director of Research NexGen Turf Research LLC.

7. If this variety is recommended as eligible for certification by official seed certifying agencies, certified class seed likely will be first offered for sale in spring 2024. PVP will not be sought.