Grass Variety Description Summary Page

I. General Varietal Information

Variety Name: N/A **Experimental Designation:** PPG-PT 117

Kind (Common): Roughstalk Bluegrass Genus: Poa Species: trivialis

Ploidy Level for Ryegrass: N/A

Percentage apomixis for apomictic varieties: N/A Recommended: April 2025

II. Breeding History

III. Probable Adaption & Purposes

PPG-PT 117 has been trialed under turf management in western Oregon. The data indicates that the variety is suitable for turf use in western Oregon.

Turf Use	Turf Quality		Color		Density		Texture	
	2023	2024	2023	2024	2023	2024	2023	2024
PPG-PT 117	5.9	5.8	6.4	6.3	7.0	7.0	6.8	6.7
Starlite II	6.1	5.9	6.6	6.7	6.6	6.3	7.1	7.0
Laser	5.6	5.8	5.4	5.7	6.3	6.0	5.7	5.7
Sabre III	5.4	5.6	7.0	7.2	6.2	6.3	5.7	5.7
ProAm	5.3	5.5	5.0	5.2	6.2	6.0	5.1	5.0
Trial Mean	5.7	5.8	6.2	6.3	6.5	6.4	6.1	6.1
Trial High	6.1	6.0	7.0	7.2	7.4	7.3	7.1	7.0
Trial Low	5.3	5.5	5.0	5.2	5.5	5.7	5.0	5.0
LSD (0.05)	0.5	0.4	0.9	1.0	1.4	1.3	1.5	1.3
CV	5.1	4.2	7.9	8.9	12.0	11.4	14.0	12.2
	Scale used to report traits (if appropriate): 1-9; 9= Ideal Turf		Scale used to report traits (if appropriate): 1-9; 9=Very Dark Green		Scale used to report traits (if appropriate): 1-9; 9=Very Dense		Scale used to report traits (if appropriate): 1-9; 9=Very Fine	
The number of entries in both trials was 9.								

Growth & Morphology Traits	1. Heading Date When 50% of the plants in the variety have at least three heads emerged from the boot Note: Other measurements of relative maturity may be substituted if properly described and justified (see F)		2. Mature Plant Height (cm)		3. Flag Leaf Height* (cm)	
	2023	2024	2023	2024	2023	2024
PPG-PT 117	146.8	138.0	43.1	118.5	22.8	69.7
Starlite II	148.5	140.5	38.6	106.4	19.8	61.3
ProAm	148.8	137.8	40.4	116.0	21.4	66.7
Laser	151.8	141.6	31.4	113.5	1	68.4
Trial Mean	148.8	139.3	38.6	115.2	20.0	67.6
Trial High	151.8	141.6	43.1	121.1	22.8	71.7
Trial Low	146.6	137.8	31.4	106.4	16.5	61.3
LSD (0.05)	2.1	1.5	2.4	4.6	3.4	6.3
CV	0.8	0.6	9.2	5.1	9.2	5.1

	4. Flag Leaf Blade Length* (cm)		5. Flag Leaf Width* (mm)		6. Inflorescence Length in (cm)	
	2023	2024	2023	2024	2023	2024
PPG-PT 117	7.5.	9.5	4.0	5.1	13.1	17.7
Starlite II	6.5	9.6	3.1	4.0	12.2	17.1
ProAm	8.9	10.1	3.6	5.3	14.2	18.8
Laser	8.3	10.8	3.5	4.8	11.9	17.3
Trial Mean	7.7	10.0	3.7	4.7	13.0	17.8
Trial High	8.9	10.8	4.1	5.3	14.2	18.8
Trial Low	6.5	9.5	3.1	4.0	11.9	17.1
LSD (0.05)	1.4	1.3	0.5	0.6	1.4	1.6
CV	10.1	7.2	6.1	4.9	6.1	4.9

Planting Method for Data Collection

Spaced single plants X Plants in rows/solid seeding

Variants

Variants to be expected and frequency: A small percentage (<0.5%) are taller, coarser bladed, or lighter green than the rest of the population.

Part V. Stock Seed Maintenance and Limitations of Generations

A supply of breeder seed is maintained in cold storage at Peak Plant Genetics in Albany, Oregon. Foundation fields may only be planted from breeder seed. Registered stands may be established from either Foundation or Breeder Seed. Certified fields may be established from Breeder, Foundation, or Registered seed. Foundation and Registered class fields will be limited to two harvests of Foundation or Registered production followed by two years of Certified class production. Certified class fields will be limited to four years of seed production. Additional years of seed production may be approved by the breeder or an individual designated by the breeder

Type of Breeder's Seed Maintenance: Synthetic Continued Population X Apomictic

Part VI. Certification Information

If this variety is recommended as eligible for certification by official seed certifying agencies, when will certified seed likely be first offered for sale? 2025

Will PVP be sought? It is undecided if Plant Variety Protection will be applied for. If so, will the certification option be chosen? No.