Grass

Seductive
ISG-30 (Exp)
(Amended – Name Change)

Variety Name Seductive

Experimental Designation(s) ISG-30

Date A&MLVRB first recommended this variety Feb 29, 2012

Date(s) any previous amendments were recommended _____

Date this amendment was submitted Jan 28, 2020

1. Variety name: Seductive Kind: Perennial ryegrass
   Genus: Lolium Species: perenne L.
   Experimental designation (s): ISG-30
   Date submitted: Dec 11, 2011

2. Seductive was developed by McCarthy Research Farm LLC beginning with the selection of plants from nurseries at Verboort, Oregon. Selected plants were derived from the following varieties Frontier, Provocative, Nexus XR, ASP6002 and Majesty II. Plants were grown as spaced plants in an isolated nursery and screened for dark green color, fine leaves, abundant tillering and high seed yield potential. Turf performance was evaluated using plots at Verboort, Oregon and Lewisburg Pennsylvania. Subsequently, four cycles of selections for high seed yield, abundant tillering, turf quality and dark green color were conducted to produce the first breeder seed in 2009.

3. Seductive was tested for turf use in western Oregon and in central Pennsylvania. It has shown adaptation to those climatic conditions and will be made available for sale in climates represented by those localities.

4. Growth & Morphology Traits	Heading Date (Julian Days) Verboort OR		Plant Height (cm) Verboort OR		Flag Leaf Length (cm) Verboort OR	
	2010	2011	2010	2011	2010	2011
Seductive	134.4	135.3	65.7	66.6	14.4	13.6
Elka	150.1	154.1	38.6	39.9	15.9	17.0
Fiesta 4	132.0	134.0	40.3	42.7	12.9	12.0
Pinnacle	127.7	129.7	45.0	43.6	12.5	13.5
Linn	112.6	125.0	83.5	67.5	21.1	17.2
SE	1.5	1.4	1.9	3.0	0.8	0.9
LSD @ .05	3.0	2.9	3.9	6.2	1.7	1.7

Data collected from: Single spaced plants _X_ Plants in rows / solid seeding ___
Variants to be expected and frequency: None have been observed or documented

Continued on next page (136)

Continued from previous page (135)

Grass

Seductive
ISG-30 (Exp)
(Amended – Name Change)

Variety Name Seductive

Experimental Designation(s) ISG-30

Date A&MLVRB first recommended this variety Feb 29, 2012

Date(s) any previous amendments were recommended

Date this amendment was submitted Jan 28, 2020

5. Turf Use	Turf Quality (1-9) 2010		Color (1-9) 2010		Density (1-9) 2010		Texture (1-9) 2010	
	OR	PA	OR	PA	OR	PA	OR	PA
Seductive	7.2	6.3	7.8	7.2	7.0	6.6	7.0	5.9
Applaud	6.4	5.1	6.1	5.3	5.9	5.3	5.8	4.8
Fiesta 4	6.1	4.8	6.0	5.3	6.1	5.4	6.4	5.7
Pinnacle	4.2	3.3	3.4	3.0	3.5	3.1	4.4	3.6
Linn	2.4	1.9	1.9	1.6	1.5	1.3	1.6	1.4
SE	0.3	0.3	0.4	0.3	0.3	0.3	0.3	0.3
LSD @ 0.05	0.6	0.5	0.7	0.7	0.7	0.6	0.7	0.5

Scale: 1 – 9 with 9 ideal quality or darkest green or most dense or finest texture
Trial Locations: Verboort, Oregon & Lewisburg Pennsylvania

6. A supply of Seductive breeder seed will be kept in cold storage by McCarthy Research Farm LLC located in Verboort, Oregon. Foundation stands 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, Registered or Foundation Seed. Foundation and Registered class fields will be limited to four harvests of Foundation/Registered production followed by four additional harvests of Certified production. Certified class fields will be limited to six years of seed production. Additional years of seed production may be approved by the breeder.

7. Certified seed is anticipated to be available in the fall of 2012. PVP will be sought with the certification option.

Date this application was submitted: Jan 28, 2020 Date recommended by the VRB: Mar 10, 2020