

ECLIPSE ALFALFA

- **Industry leading disease package offering enhanced multi-race protection against Aphanomyces* & Anthracnose****
- **Excellent disease resistance**
- **Excellent forage yield**
- **Improved forage quality**
- **Very high multifoliate leaf expression**

*Includes race 1 and race 2 protection. In addition, Forage Genetics International, LLC (FGI) has identified a novel source of Aphanomyces resistance in the greenhouse and field that visibly outperforms unrelated varieties on the market when grown under natural or artificial disease pressure. FGI researchers have been working cooperatively with universities collecting and testing the most virulent strains of Aphanomyces to help determine the level of resistance to this novel source.

**Anthracnose Race 5 was recently confirmed by researchers at Forage Genetics International, LLC (FGI) and USDA's Agricultural Research Service.

SEEDING RATE

9 Kg/Acre Pure Stand

20 Lbs/Acre Pure Stand

CHARACTERISTICS

Varietal Class	Synthetic
Ploidy	Tetraploid
Plant, Early Spring Growth	34 cm
Plant Spring Height	104 cm
Plant Spring Growth Habit	Erect
Plant Fall Regrowth	31 cm
Root Type	Tap
Crown Width	Medium
Crown Depth	Medium
Pod Shape	Crescent-Shape to Coiled in Three Spirals
Pod Pubescence	Absent, 0%
Stem Length	106 cm
Stem Thickness	Medium
Stem Pubescence	Absent, 0%
Leaf Colour	Dark Green
Multifoliate Leaf Expression	Very High > 76%



FALL DORMANCY	4.4
WINTER SURVIVAL	1.6
DISEASE RESISTANCE	35/35

Anthracnose	HR	
Aphanomyces (R1)	HR	
Aphanomyces (R2)	HR	
Bacterial Wilt	HR	
Fusarium Wilt	HR	
Phytophthora	HR	
Verticillium Wilt	HR	
Pea Aphid	R	
Spotted Pea Aphid	R	
Stem Nematode	R	

S LR MR R HR

Average of Multifoliate	3.1
Days to Flowering	35
Flower Colour	Purple 98% Cream 1%

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DLF CANADA INC. FORAGE PERFORMANCE TRIALS

Variety	Harvest Years	Total Cuts	Number of Years @ Station	Total Yield (Kg/Ha)	Yield Index %
Eclipse	2021	13	4	10472.2	NA
AAC Trueman	2021	13	4	9809.9	NA
Eclipse	2019 - '21	37	11	11159.9	NA
Velvet II	2019 - '21	37	11	10872.2	NA
Eclipse	2019 - '20	12	5	12001.6	102
Dominator	2019 - '20	12	5	11890.7	101
55Q27	2019 - '20	12	5	11845.1	100
Eclipse	2016 - '18	56	13	15602.3	104
Boost HG	2016 - '18	56	13	14033.1	100

YIELD SUMMARY

Eclipse	2019 - '21	49	16	11423.0	101
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DLF CANADA INC. MILK YIELD COMPARISON

Variety	Harvest Years	Total Cuts	Number of Years @ Station	Milk/Acre (Kg/Ha)	Milk/Acre (Lbs/Ac)	% of Comp Check(s)
Eclipse	2019 - '20	6	3	25713.5	22941.0	104
Instinct	2019 - '20	6	3	25136.2	22426.0	102
Competitor Check(s)	2019 - '20	6	3	24732.7	22066.0	100

Locations: Ontario: Lindsay, Port Hope Competitor Check(s): 54Q14, Boost HG, Dominator, Showdown, Pillar ST, Surge HG Milk Per Acre values calculated using the University of Wisconsin Alfalfa/Grass Evaluation System - Milk 2006

DLF CANADA INC. MILK YIELD COMPARISON

Variety	Harvest Years	Total Cuts	Number of Years @ Station	Milk/Ton (Kg/T)	Milk/Ton (Lbs/T)	% of Comp Check(s)
Eclipse	2019 - '20	6	3	1575.3	3473.0	105
Instinct	2019 - '20	6	3	1547.2	3411.0	103
Competitor Check(s)	2019 - '20	6	3	1505.9	3320.0	100

Locations: Ontario: Lindsay, Port Hope Competitor Check(s): 54Q14, Boost HG, Dominator, Showdown, Pillar ST, Surge HG Milk Per Acre & Milk Per Ton values calculated using the University of Wisconsin Alfalfa/Grass Evaluation System - Milk 2006