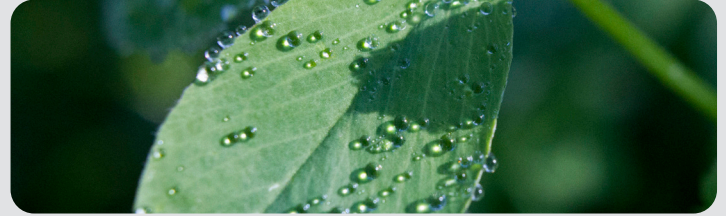


TORRENT ALFALFA

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



SEEDING RATE: 9 Kg/Acre Pure Stand, 20 Lbs/Acre Pure Stand

CHARACTERISTICS:

Varietal Class	Synthetic
Ploidy:	Tetraploid
Plant, Early Spring Growth:	35cm
Plant, Spring Height:	120cm
Plant, Spring Growth Habit:	Semi-Erect
Plant, Fall Regrowth:	52cm
Stem Length:	122cm
Stem Thickness:	Medium
Stem Pubescence:	Absent, 0%
Leaf Colour:	Dark Green
Multifoliate Leaf (MF) Expression:	Very High (>76%)
Average Multifoliate Expression:	3.2
Days to Flowering:	37
Flower Colour:	93% Purple, 4% Variegated, 2% Yellow, 1% Cream
Root Type:	Tap
Crown Width:	Medium
Crown Depth:	Shallow-Medium
Pod Shape:	Crescent-Shape to Colied in Three Spirals
Pod Pubescence:	Present (100%)

Blue Alfalfa Aphid:	Not Tested
Pea Aphid:	Resistant
Spotted Alfalfa Aphid:	Not Tested
Potato Leafhopper:	Not Tested
Cowpea Aphid:	Not Tested
Stem Nematode:	Resistant
Northern Root Knot Nematode:	Resistant
Anthracnose:	Highly Resistant
Aphanomyces Root Rot:	Highly Resistant
Bacterial Wilt:	Highly Resistant
Fusarium Wilt:	Highly Resistant
Phytophthora Root Rot:	Highly Resistant
Verticillium Wilt:	Highly Resistant
Aphanomyces Root Rot (Race 2):	Not Tested
Aphanomyces Root Rot (Enhanced):	Not Tested
Anthracnose (Race 5):	Not Tested
FALL DORMANCY:	4.4
WINTER SURVIVAL:	1.5

Highly Resistant, 51% or more resistant plants
 Moderately Resistant, 15 - 30% resistant plants
 Susceptible, 0 - 5% resistant plants
 Resistant, 31 - 50% resistant plants
 Low Resistance, 6 - 14% resistant plants

TORRENT ALFALFA

DLF YIELD COMPARISON TRIALS

Variety	Harvest Years	Total Cuts	Years @ Station	Total Yield (Kg/Ha)	Yield Index %
Torrent	2021-'22	38	12	11971.8	100
AAC Trueman	2021-'22	38	12	11429.4	95
Surge HG	2021-'22	38	12	11791.9	98
Velvet II	2021-'22	38	12	11819.9	98
Torrent	2019-'21	15	6	12534.2	101
WL 366HQ	2019-'21	15	6	11743.8	95
Torrent	2019-'20	12	5	12017.2	102
Dominator	2019-'20	12	5	11890.7	101
55Q27	2019-'20	12	5	11845.1	100

DLF YIELD SUMMARY

Variety	Harvest Years	Total Cuts	Years @ Station	Total Yield (Kg/Ha)	Yield Index %
Torrent	2019-'22	53	18	12159.3	100

DLF MILK YIELD COMPARISONS

Variety	Harvest Years	Total Cuts	Years @ Station	Milk Per Acre (Kg/Ha)	Milk Per Acre (Lb/Ac)	Comp. Checks %
Torrent	2019-'22	18	7	25834.5	23048	108
Instinct	2019-'22	18	7	25045.4	22345	104
Comp. Check(s)	2019-'22	18	7	23946.9	21365	100

Locations: Ontario, Lindsay, Port Hope

Competitor Check(s): 54Q14, 55Q27, 55Q29, Dominator, Boost HG, Surge HG, AAC Trueman Milk Per Acre & Milk Per Ton values calculated using the University of Wisconsin Alfalfa/Grass Evaluation System - Milk 2006

DLF MILK YIELD COMPARISONS

Variety	Harvest Years	Total Cuts	Years @ Station	Milk Per Ton (Kg/T)	Milk Per Ton (Lb/T)	Comp. Checks %
Torrent	2021-'22	9	4	1545.6	3408	105
Instinct	2021-'22	9	4	1506.6	3322	102
Comp. Check(s)	2021-'22	9	4	1467.2	3235	100

Locations: Ontario, Lindsay, Port Hope

Competitor Check(s): 54Q14, 55Q27, 55Q29, Dominator, Boost HG, Surge HG, AAC Trueman Milk Per Acre & Milk Per Ton values calculated using the University of Wisconsin Alfalfa/Grass Evaluation System - Milk 2006