

STAR FIRE II

Red Clover

STARFIRE II is an exciting new medium red clover that was bred for multiple harvesting for multiple years. **StarFire II** shows a nice advancement over **StarFire** and other red clovers in yield and persistence. **StarFire II** combines high yield, improved persistence, a strong disease package and the ability to be cut three to four times per year. **STARFIRE II** is an excellent choice for top dairy or beef producers.

Notable Characteristics:

- ▶ Very High Yielding
- ▶ Excellent Persistence
- ▶ Very High Disease Resistance
- ▶ Aggressive Growth
- ▶ High Leaf to Stem Ratio
- ▶ Excellent for Grazing

Comparative Performance Data:

Yield Data (Multiple locations-Multiple years)

Variety	% yield of StarFire II
STARFIRE II	100%
Cinnamon Plus	97%
Kenland	91%
Marathon	86%
VNS Med Red	75%

StarFire II Persistence Ratings

Seeded: May 1, 2003

West Salem, WI

Variety	Year 1	Year 2
	9/23/2004	10/12/2005
	% Stand	% Stand
StarFire II	90	56
StarFire	84	45
Cinnamon Plus	70	16
Kenland	50	5
VNS Medium Red	32	3
Trial Mean	75	30

Seeding Rates:

New hay fields/pasture:

- Seeded with alfalfa: 2-3 lbs. /acre.
- Seeded in pasture: 3-8 lbs. /acre.

Renovation/Overseeding existing fields/pastures:

(Note Seeding Rate for pasture/hay field renovation varies according to the quality/quantity of the forage in the field.)

- Pastures: 5-8 lbs./acre
- Alfalfa Hay Field: 3-5 lbs. /acre.

Disease Ratings:*

- Aphanomyces Race I..... HR
- Bacterial Wilt..... HR
- Fusarium Wilt..... HR
- Northern Anthracnose... TBD
- Phytophthora Root Rot... HR
- Southern Anthracnose..... HR



Technical data herein is solely a compilation of observations from various geographical areas, conditions, and laboratory tests. Growing results, including varietal characteristics and performance, vary depending on region, climate, soil, seed enhancements, environmental conditions, local management practices and other factors. AMPAC Seed DOES NOT GUARANTEE growing success. Any technical advice by AMPAC Seed concerning the use of its seeds is given without charge. Therefore, AMPAC Seed disclaims any warranty and disclaims all liability for such advice.

Red Clover Variety Trial
Ohio, South Charleston, Sown 4-13-2006

Variety	24-May	12-Jul	7-Sep	Total			2006-07 % mean
				2007	2006	2006-07	
----- Tons Dry Matter/Acre -----							
StarFire II*	2.16	2.11	1.30	5.55	1.58	7.16	125
Dominion	2.23	2.09	1.27	5.52	1.53	6.94	121
FSG 9601	2.05	2.03	1.32	5.31	1.66	6.86	120
Duration Extra*	2.15	1.99	1.03	5.18	1.63	6.81	119
NARN	2.22	1.87	1.00	5.10	1.39	6.63	116
Cardinal	2.21	1.86	0.97	5.10	1.57	6.62	115
PGI 33*	1.84	1.95	1.12	4.99	1.55	6.61	115
Common	1.82	1.67	0.89	1.73	1.08	2.78	48
Red Gold	0.94	0.77	0.01	0.93	0.24	1.23	21
Mean	1.82	1.67	0.89	4.38	1.36	5.74	--
LSD (0.05)	0.22	0.27	0.21	0.31	0.32	0.57	--
CV %	8.1	11.0	16.3	4.8	16.2	6.8	--

* Variety tested using experimental seed that may not give performance identical to that of commercially available seed.

** NOTE** Red Gold low yield is due to a poor stand.

Establishment: Seeded with a Hege 3-point hitch drill with presswheels at 12 lb/a.

Plot size: 4' x 20' , 7' alleys and borders, RCBD with four reps.

Soil

type/analysis: Crosby silt loam, pH=6.1, P=182 lbs/a, K=450 lbs/a, CEC=24.1, O.M.=3.5,(11/06).

2007 Fertility: 500 lb/a of 0-0-60, 2 ton of lime.