

Alfalfa Variety Trial 2015 San Angelo, TX
 established Nov. 24 2014

Plots 5 ft X 10 ft with 6 replications

fertility: 300 lbs/ac 11-52-0 preplant incorporated

Season: Limited Irrigation, very dry summer

Variety¹

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Cutting and Dry Matter Yield (lbs/acre)

Variety ¹	Fall Dormancy	2015					Total
		April	May	June/July	Oct.	Dec	
Ranger	3	309	1426	2137	525	0	4397
NuMex Bill Melton	7	364	1428	2679	793	371	5635
WL 552HQ.RR ²	8	644	1659	3091	800	302	6496
WL 662HQ.RR	9	575	1617	2860	742	806	6601
AmeriStand 915TS RR	9	525	1718	3139	778	525	6685
Wildlife Plot Mixers Alfalfa (70% Baralfa 53HR, 20% Hybriforce 600, 10% Baralfa X42)	5,4,6	173	1199	2656	686	171	4885
	cutting ave.	432	1508	2760	721	363	5783

¹Seed Sources: Ranger - local feed store - www.turnerseed.com, NuMex Bill Melton - New Mexico State Agricultural Experiment Station <http://aces.nmsu.edu/aes>,
 Plot Mixers Alfalfa - local feed store - www.evolved.com, WL 552 & 662 - www.wlresearch.com, AmeriStand 915TS RR- www.americasalfalfa.com

² Abbreviations: HQ = high Quality, RR = Roundup Ready (glyphosate tolerant), TS = traffic and salt tolerant

For variety information and seed availability contact the seed providers and visit <http://alfalfa.org> for industry standardized variety ratings

The 2016 ratings are found at <http://alfalfa.org/pdf/2016%20NAFA%20>

For more information on alfalfa production in Texas see <http://publications.tamu.edu> or <http://lubbock.tamu.edu>

Alfalfa Variety Information

Variety characteristics and ratings are derived from company information, website listed; and ratings by the National Alfalfa and Forage Alliance (NAFA) www.alfalfa.org

Ameristand 915TS RR

- Fall dormancy rating 9
- Improved salt tolerance of germinating seeds
- Roundup Ready (tolerant to glyphosate herbicide applications)
- High resistance to blue alfalfa aphid, spotted alfalfa aphid, pea aphid, root knot nematode and phytophthora root rot
- Resistance to stem nematode, Anthracnose, bacterial wilt and Fusarium wilt
- www.americasalfalfa.com

Baralfa X42

- Fall dormancy class of 4
- features the branch rooted trait to allow it to persist and be productive in poorly drained soils.
- Highly Resistant to: Bacterial Wilt (Bw), Fusarium Wilt (Fw), Verticilium Wilt (Vw), Anthracnose (An), Phytophthora Root Rot (PRR)
- resistant to: Stem Nematodes (Sn)
- High relative feed values (RFV), very fast recovery, high yield potential,
- <http://www.barusa.com/professional-forage/products/alfalfa>

Baralfa 53 HR

- Fall dormancy class of 5
- Highly Resistant to: Bacterial Wilt (Bw), Fusarium Wilt (Fw), Verticilium Wilt (Vw), Anthracnose (An), Phytophthora Root Rot (PRR)
- resistant to: Pea Aphid (PA), Spotted Alfalfa Aphid (SAA), Stem Nematodes (Sn).
- winterhardiness rating of 3
- High relative feed values (RFV)
- very fast recovery, high yield potential, very good winter-hardiness and exceptional late season growth
- <http://www.barusa.com/professional-forage/products/alfalfa>

HybriForce – 600

- Fall dormancy class of 6
- Hybrid alfalfa
- Highly Resistant to: Bacterial Wilt (Bw), Fusarium Wilt (Fw), Anthracnose (An), Phytophthora Root Rot (PRR) and Pea Aphid
- Resistant to Anthracnose and stem nematode
- Dairyland Seed Company www.dairylandseed.com

NuMex Bill Melton

- Non dormant similar to a fall dormancy rating of 7
- Yields well in both dry and irrigated fields, selected under water deficit conditions
- Resistant to spotted alfalfa aphid
- Moderately resistant to bacterial wilt, pea aphid, and blue alfalfa aphid
- Resistant to phytophthora root rot, anthracnose, fusarium wilt and bacterial wilt
- New Mexico State Agricultural Experiment Station <http://aces.nmsu.edu/aes>

Ranger

- Fall Dormancy rating 3
- Good producing, tough, winter hardy alfalfa
- Some resistance to bacterial wilt, susceptible to leaf spot diseases
- Good for dryland and pasture mixings
- Recovers quickly after cutting

WL 552 HQ RR

- Fall dormancy rating 8
- Roundup Ready (tolerant to glyphosate herbicide applications)
- Winter active
- Very strong disease resistant package (phytophthora root rot, etc.)
- Promotes fast seedling establishment and long stand life
- Only a 5 day wait period after spraying Roundup for haying or feeding
- W-L Research www.wlreserach.com

WL 662 HQ RR

- Fall dormancy rating 9
- Roundup Ready (tolerant to glyphosate herbicide applications)
- Winter active –non dormant
- Very high yield potential
- Highly resistant to all major aphid pests
- Very strong disease resistant package (phytophthora root rot, etc.) resistant to Verticillium and Fusarium wilt
- Salt tolerant at seed germination
- W-L Research www.wlreserach.com