



AB CATTLELAC

Six-row general purpose barley

- Forage yield is 8% higher than Vivar
- Higher test weight than checks
- Resistant to surface borne and loose smuts

Strengths of AB Cattlelac

- Grain yield similar to AC Ranger and Vivar.
- Forage yield is 8% higher than Vivar and 5% higher than AC Ranger.
- Higher percent plumps than AC Ranger.
- Higher test weight than checks.
- Lodging resistance better than AC Ranger.
- Resistant to the surface-borne smuts.
- Moderately resistant to spot blotch and spot-form net-blotch.
- Intermediate resistance to scald, stem rust and loose smut.

AB Cattlelac was developed by Western Crop Innovations and is available through [Alliance Seeds](#).

Table 1. Yield and agronomic traits of AB Cattlelac averaged over the 2014 and 2015 Western Cooperative Six-Row Barley Registration Trials.

Entry	Yield kg/ha	AC Ranger %	Maturity days	Height cm	Lodging 1-9	Kernel Wt mg	Test Wt g/hL	Plump >6/64 %	Thins <5/64 %	Visual Score 1-9
AC Ranger	6730	100	89.6	80.4	4.9	44.1	63.2	85.0	1.6	5.5
Vivar	6726	100	88.9	75.0	3.7	43.9	63.0	87.4	1.8	5.3
CDC Mayfair	6196	92	86.5	82.0	4.8	40.2	62.3	92.9	1.3	5.0
Celebration	6254	93	85.9	82.3	4.2	38.9	63.9	92.5	1.0	5.9
AB Cattlelac	6606	98	88.5	87.6	3.6	42.3	65.2	88.8	1.4	6.1
Station Years	32		25	34	15	28	32	24	12	10

Table 2. Forage data for AB Cattlelac averaged over the 2014 and 2015 Western Cooperative Forage Barley Test.

Entry	DM Yield kg/ha	Heading days	Lodging 1-9	Visual Score 1-9	Crude Protein %	NDF %	ADF %	IVTD %	CWD %	Starch %
AC Ranger	11597	53.4	4.1	6.2	8.8	50.7	31.7	69.1	39.2	19.3
CDC Austenson	12139	56.7	3.3	6.4	8.6	50.2	31.2	69.8	39.8	19.6
Gadsby	11334	58.1	4.2	5.7	8.8	50.7	31.7	69.8	40.2	18.2
Vivar	11224	53.9	2.5	7.0	8.7	51.2	32.2	67.7	36.7	19.2
AB Cattlelac	12185	53.2	3.1	7.2	9.0	50.9	32.7	67.6	36.2	17.7
Station Years	14	9	4	5	11	11	11	11	11	10

NDF - neutral detergent fiber; ADF - acid detergent fiber; IVTD - in vitro true digestibility; CWD – cell wall digestibility. Lodging scored on a 1-9 scale, with 9 being up to 100% lodged; visual score is a rating of field appearance from 1-9, with 9 being excellent and 1 being poor.

Table 3. Overall disease ratings of AB Cattlelac from the 2014 and 2015 Western Cooperative Six-row Barley Registration Trials.

Entry	Net Blotch		Scald	Spot Blotch	Smut		Stem Rust	FHB
	Net Form	Spot Form			Loose	Surface		
AC Ranger	I	MR	I	MR	MS	R	MR	S
Vivar	MS	MR	MS	MR	I	R	MR	S
Celebration	I	MR	MS	MR	MR	R	MS	I
CDC Mayfair	MS	MR	S	I	MR	R	MS	I
AB Cattlelac	MS	MR	I	MR	I	R	I	S

R — resistant, MR – Moderately resistant, I – intermediate resistance, MS – moderately susceptible, S—susceptible. FHB – fusarium head blight.