

2009 SUNBOW FARM GRAIN, BEAN, EDIBLE SEED REPORT

Grains.

We moved from very small, hand-harvested, test plots, to much larger, combine harvested test plots. In that process, and because of prolonged drought we dealt with more weed pressure on some plots, lower yields, probably what more resembles a commercial condition. Cleaning some of the grains after combining has been nearly impossible on some plots. The lab scale seed cleaner proved to be too slow for the amounts of grain we are now handling.

Stephens (Durum) White Wheat- 4560 sq. ft.,
292# yield

Maris Widgeon old English Wheat- 975 sq. ft.
90#

Tim Peters Perennial 'Red ' Wheat- 3700 sq.
ft. est. 150-200 #not yet cleaned completely

Mark's Red Wheat- 3600 sq. ft. 123#

Zans Hard Wheat- 270 sq. ft., not yet cleaned,
very weedy

Old World Spanish White Wheat- 3325 sq. ft.
not yet cleaned

SS 791 semi hard white wheat- 1500 sq. ft.
145#

Dronial Dark Rye (Lithuanian) -900 sq. ft. 50#

Licht Kern Raggen or golden rye- 900 sq. ft.
62#

Fall Oats- froze out at 17 degrees

Triticale-(Canadian) hard and more red- 6300 sq. ft. est. 350# not yet cleaned completely
Triticale Pearl- 1050 sq. ft- 62#
Barley- Harrington two row - 54 sq. ft. -25#
Buckwheat- 12,750 sq. ft. not yet threshed or cleaned, drying in grow tunnel out of weather
Millet- sowings on two plots failed completely. Probably soil and ambient temperature?

Edible Seeds

Golden Flax- 270 sq. ft. - not yet cleaned
Brown Flax - 270 sq. ft.- not yet cleaned
Hulless Seed Pumpkins- 30 sq. ft. - 18 ct. approx. 220# not yet deseeded or cleaned
Amaranth, Golden - beautiful plants - not yet threshed
Quinoa- only a few plants, seems lighter yield than previously

Beans

This was our worst grow-out of dry beans in 5 years. We planted as we always have around the 1st of May. No beans came up for 3 weeks. But tons of weeds. Specifically Smartweed, Australian Fire Weed, Prickly Lettuce and Blue Lettuce. All rapidly out-grew the beans, smothered them, so we had to disk under both our pintos and early black beans. What beans did survive did not do well. Even with intensive weeding, yields were almost nothing. Specifically, a nice looking stand of lentils with nice looking pods turned out to

have mostly empty pods. We've heard similar tales from other growers this year. And beans across the Western US reported lower yields. We did plant black beans again May 13th. They came up rapidly and seemed to grow nicely. We did irrigate and mulch. We also planted Derby green beans July 3 for green beans and a seed crop. They did quite well, although the seed part of the crop is drying down in rain and frost.

Black Beans - 810 sq. ft. 24 lbs.