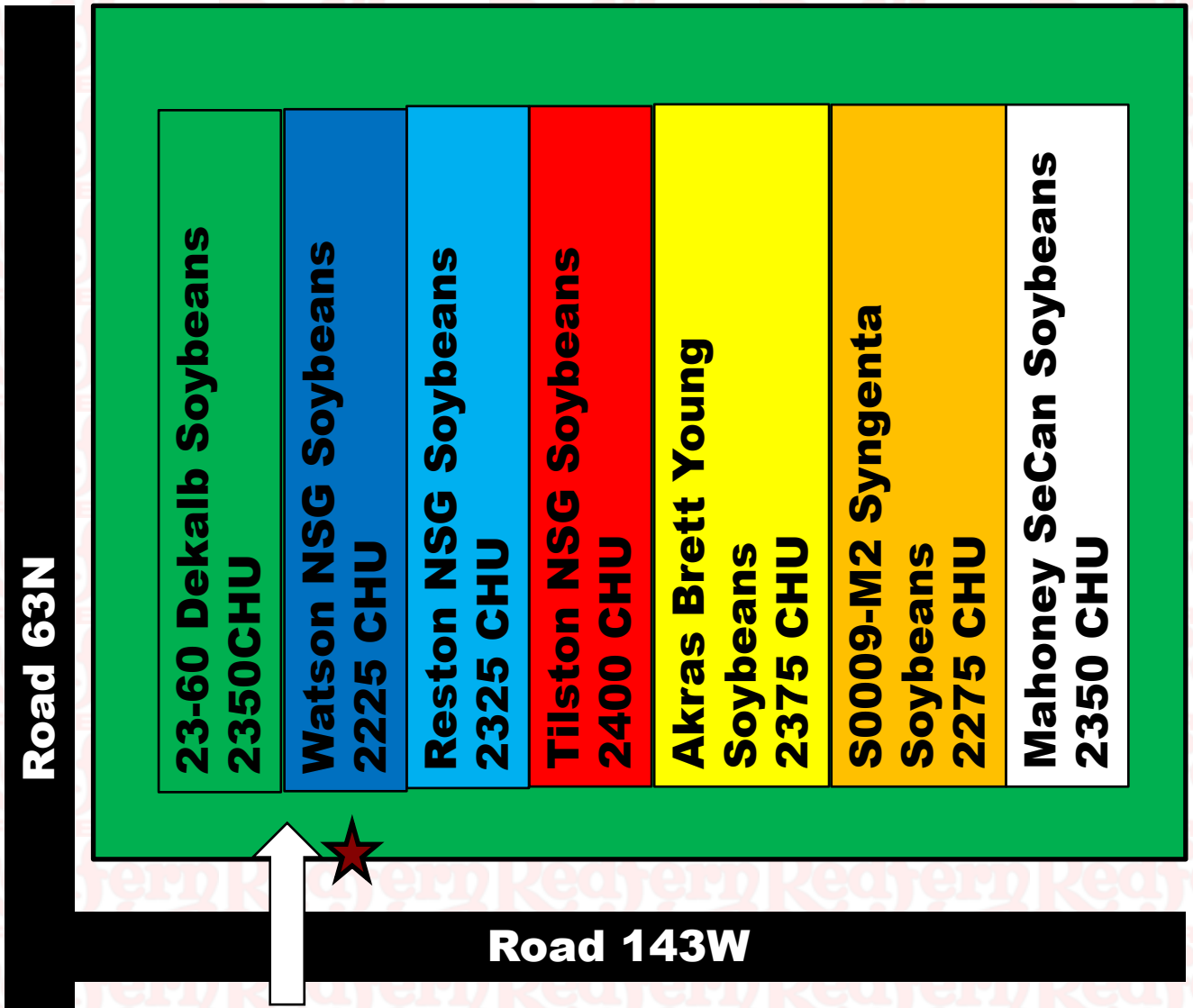


REDFERNS Virden Soybean Plot 2016

(Cooperator: Orville Bailey)



Road 63N

23-60 Dekalb Soybeans
2350CHU

Watson NSG Soybeans
2225 CHU

Reston NSG Soybeans
2325 CHU

Tilston NSG Soybeans
2400 CHU

Akras Brett Young
Soybeans
2375 CHU

S0009-M2 Syngenta
Soybeans
2275 CHU

Mahoney SeCan Soybeans
2350 CHU

Road 143W

1 mile west to
PR #259



Redfern plot signs



Surrounding field is 23-60 soybeans

Field History and Fertility

- 2015: Barley
- Pre-Seed burn off was completed on May 20th with 0.5 REL glyphosate and
- All but the Mahoneys seeded on May 27 by All in Farms (Warren Hunter) Seed count target was 180,000/acre
- Mahoneys seeded June 10th with seed hawk planter (Craig Davidson)
- Cell Tech liquid inoculant & Cell Tech liquid in furrow

Weed Control and Weather

- Burn Off: May 20
 - Heat (80 ac rate) + glyphosate (1L/ac)
- First Pass: June 24
 - Roundup Transorb @ 0.67 L/ac (1 REL)
- Second Pass: July 16
 - Roundup Weathermax @ 0.67 L/ac (1 REL)
 - PolinAid @ 10 ac/jug

Harvest

- The plot was harvested on the afternoon of October 22, 2016 with a CX840 New Holland combine with 30 foot rigid New Holland header at a speed of 3.5 mph. It was cloudy and windy at the time of harvest, with rain coming later that evening.
- Plots weights were measured using the scale on the Brett Young grain cart.
- Plot lengths were measured using a wheel roller.
- Salinity issues at end of plot forced us to cut them off at 257 ft.

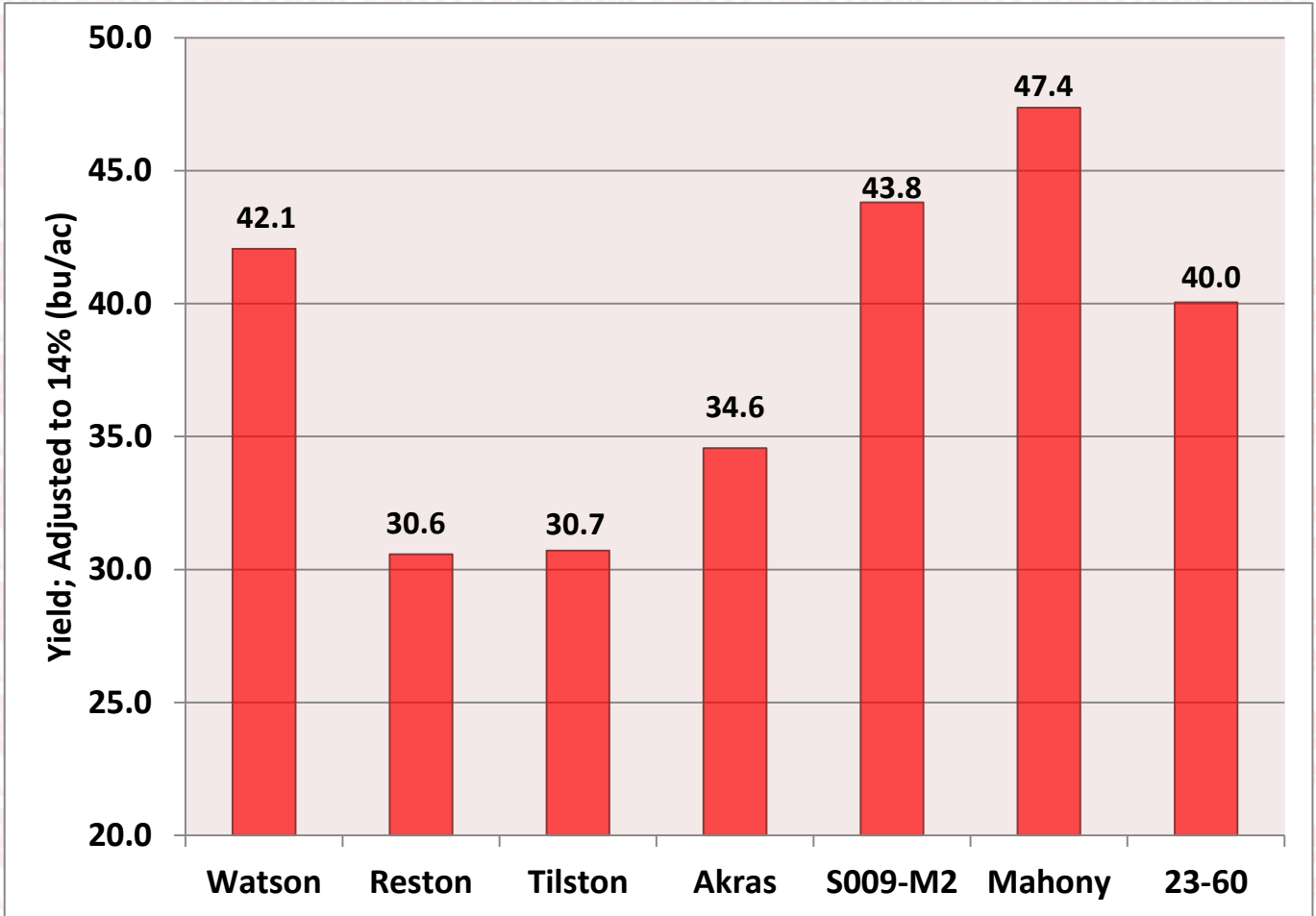
Raw Harvest Data

	Width	Length	Weight	Moisture	Area	Yield
	Feet	Feet	lbs	%	ac	bu/ac
Watson	30	257	485	15.3	0.18	45.67
Reston	30	257	385	16.6	0.18	36.25
Tilston	30	257	410	17.6	0.18	38.61
Akras	30	257	430	16.4	0.18	40.49
S009-M2	30	257	525	15.8	0.18	49.44
Mahony	30	257	575	16	0.18	54.14
23-60	30	257	480	15.8	0.18	45.20

Data Corrected to 14% Moisture

	Width	Length	Weight	Moisture	Area	Wet Yield	**Adjusted**	
	Feet	Feet	lbs	%	ac	bu/ac	Weight (lbs)	Yield (bu/ac)
Watson	30	257	485	15.2	0.18	45.67	446.7	42.1
Reston	30	257	385	16.6	0.18	36.25	324.7	30.6
Tilston	30	257	410	17.6	0.18	38.61	326.1	30.7
Akras	30	257	430	16.4	0.18	40.49	367.1	34.6
S009-M2	30	257	525	15.8	0.18	49.44	465.2	43.8
Mahony	30	257	575	16.0	0.18	54.14	503.1	47.4
23-60	30	257	480	15.8	0.18	45.20	425.3	40.0

Redferns Virden 2016 Soybean Plot (Orville Bailey)



Important Notes:

- Adverse weather conditions caused both herbicide applications to be delayed passed optimal timing windows. Plot weed pressures were high, as a result.