

New Crops available for use as Primary Yield Driver

(Alfalfa, Wheat, Flax, Oats, etc.)

The screenshot displays the SoilMap software interface. At the top left, a 'Yield Goals' table lists crop types with their minimum, average, and maximum yields in different units. Below this is a table of crop symbols and names. The main part of the interface is a yield map showing a field with various yield zones, with a red rectangle highlighting a specific area. At the bottom, there are controls for selecting crops and adjusting yield goals.

	Minimum	Average	Maximum	Units
Corn	116	159.0	170	Bu
Soybean	33	45.1	48	Bu
Alfalfa hay	2	2.9	3	Tons

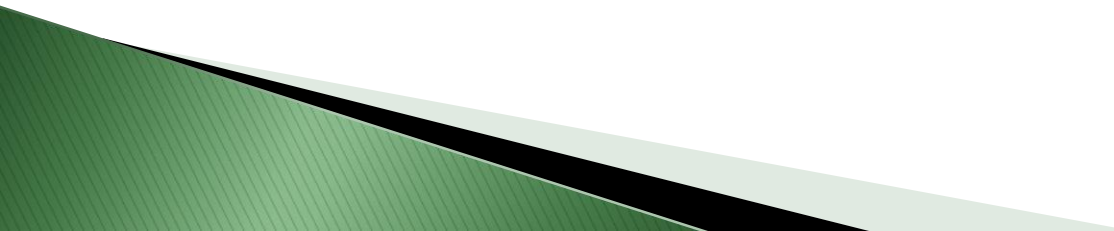
Symbol	Name	CornYd	BeanYd	Alf
HaA	Hand loam, 0 to 3	168	48	3'
ETC2	Ethan-Betts loam	99	28	2'
Tw	Tetonka and Whit	148	42	2'
Te	Tetonka sily clay	116	33	2'
Tw	Tetonka and Whit	148	42	2'
Pr	Prosper-Stickney	170	48	3'
HdB	Hand-Davison lo	156	44	3'
Tw	Tetonka and Whit	148	42	2'
Tw	Tetonka and Whit	148	42	2'
Tw	Tetonka and Whit	148	42	2'
Tw	Tetonka and Whit	148	42	2'
Tw	Tetonka and Whit	148	42	2'
Te	Tetonka sily clay	116	33	2'

Crops: Alfalfa hay
Available
Average Yield: 2.9 Tons

Yield Tools: 2.9, Reset, Refresh, Set Nulls
Coloring: Clear



Things to know

- ▶ Will need a new equation setup to use in farm recommendation
 - ▶ Available crops are by county and come from SSURGO database
 - ▶ Can use new crop for Soil-Type book
- 

How to

Yield Goals

	Minimum	Average	Maximum	Units
Corn	182	190.8	195	Bu
Soybean	48	51.7	53	Bu

Soil Type List

Symbol	Name	ComYld	BeanYld
91	Pringhar silty cla	195	53
31	Afton silty clay loa	184	49
91	Pringhar silty cla	195	53
310B	Galva silty clay lo	182	48
91	Pringhar silty cla	195	53
310	Galva silty clay lo	188	50
310B	Galva silty clay lo	182	48
91	Pringhar silty cla	195	53
92	Marcus silty clay l	188	51

Crops

Available Corn

Average Yield

Yield Tools

Note

The first thing you will notice is the PYD screen has changed slightly

How to

Editing Zones: Soil_Type_Zones

Yield Goals

	Minimum	Average	Maximum	Units
Corn	182	190.8	195	Bu
Soybean	48	51.7	53	Bu

Available Crops

- Bromegrass-alfalfa
- Bromegrass-alfalfa hay
- Corn
- Kentucky bluegrass
- Oats
- Smooth bromegrass
- Soybeans

Yield Goals Table:

Symbol	Name	CornYld	BeanYld
91	Primghar silty cla	195	53
31	Afton silty clay loa	184	
		188	
		182	
		195	
		182	
		195	
310B	Galva silty clay lo	182	
91	Primghar silty cla	195	
310	Galva silty clay lo	188	
310B	Galva silty clay lo	182	
91	Primghar silty cla	195	
92	Marcus silty clay I	188	

Crops

Available

Corn

Average Yield 191

Yield Tools

0.0

Reset

Set Nulls

Constant

Coloring

Refresh

Clear

Note

OK Cancel

By pressing the **available** button the crops available will be displayed

*Available crops will change from county to county

How to

Editing Zones: Soil_Type_Zones

Yield Goals

	Minimum	Average	Maximum	Units
Corn	182	190.8	195	Bu
Soybean	48	51.7	53	Bu
Bromegrass-alfalfa	7	7.0	7	AUM

Symbol Name CornYld BeanYld Br

91	Primghar silty cla	195	53	7.2
31	Alton silty clay loa	184	49	6.1
310	Galva silty clay lo	188	50	6.8
310B	Galva silty clay lo	182	48	6.8
91	Primghar silty cla	195	53	7.2

Crops

Available Bromegrass-alfalfa

Average Yield 7.0 AUM

Yield Tools

7.0 Reset Refresh

Set Nulls Constant Clear

BAK30SE

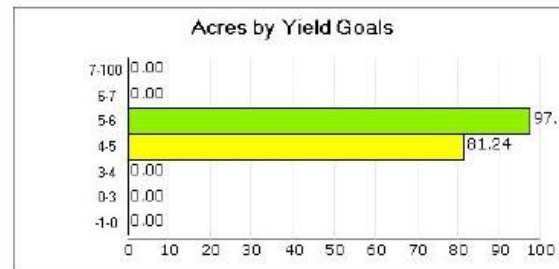
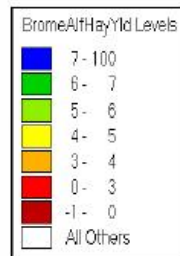
Note

OK Cancel

On some farms the yield will not be available and a -1 will be displayed; you can use the **set nulls** button to set multiples or the pin button to set individual polygons

Soil-Type Book

Bromegrass-alfalfa hay Yield Goals



Weighted Average

4.9 tons/acre historical yield is based on similar soil types in the region. The average yield goal is assigned to 100% of the SSURGO data or 4.9 tons/acre. Due to uncontrollable factors these yields can not be guaranteed. Historical production on 178.64 has been 876 total. Production goal is 876 total tons.