



Double-crop soybean systems are an important part of many farming operations in soybean-growing states. A partnership between 17 state soybean checkoffs and the national soybean checkoff recently funded a nationwide Double-Crop Initiative to conduct research on production practices for increasing yields in double-crop soybean systems. This 20-question survey is designed to identify production practices, attitudes and obstacles when double cropping soybeans after wheat.

Your participation in this survey is of great importance to the success of our double crop initiative and your responses are greatly appreciated. All responses will remain anonymous and results will be collected and presented by region. However, we do ask that you provide your information below if we choose to repeat the survey after a few years of work.

Name:

Address:

County:

State:

Email:

Phone:

What is the first crop in your double crop soybean operation?

- Winter cereals ( barley, rye, wheat)
- Spring cereals (barley, oats, triticale)
- Sweet corn or vegetable
- Oil seed (rape seed or canola)
- Other (please list)

In your farm operation, what is the typical percentage of soybean acres planted to full season and double crop each year?

- % acres planted to full season soybeans  
 % acres planted to double crop soybeans

Which crop gets the majority of the investment in the double crop system?

- Wheat  
 Soybeans  
 Equal

What maturity group do you select when choosing a variety?

- Same as for full season  
 0.5 MG shorter (earlier)  
 1.0 MG shorter (earlier)  
 0.5 MG longer (later)  
 1.0 MG longer (later)  
 Other

When selecting a seed source for double crop soybeans, what type of seed do you choose?

- New, high-yielding variety (same as for full season plantings)  
 Variety screened for double-crop performance  
 Seed available at a discount  
 Bin-run, saved seed of non-GMO variety harvested from your own fields

What do you use to plant your double crop soybeans?

- Mechanical Drill  
 Air seeder  
 Conventional planter

What is your typical row spacing for double crop soybeans? (in inches)

What is your typical soybean seeding rate (seeds per acre)?

- 100,000 to 125,000
- 125,000 to 150,000
- 150,000 to 175,000,
- 175,000 to 200,000
- 200,000 to 225,000
- Greater than 225,000

What were your average double crop soybean yields (bu/acre) for the 2015 growing season, and for a five-year average?

	2015 growing season	Five-year average (2010 - 2015)
Less than 20	<input type="radio"/>	<input type="radio"/>
20-29	<input type="radio"/>	<input type="radio"/>
30-39	<input type="radio"/>	<input type="radio"/>
40-49	<input type="radio"/>	<input type="radio"/>
greater than 50	<input type="radio"/>	<input type="radio"/>

Do you treat the seed that is double cropped (check all that apply):

- No
- Fungicide (F)
- Fungicide + insecticide (F+I)
- F + I + rhizobia Inoculant
- Other

How do you handle wheat residue?

- No-till directly into wheat stuble
- Vertical tillage
- Conventional tillage
- Burning
- Baling to remove
- I do not use wheat in my double-crop rotation

Which of the following factors influence when you plant soybeans? Please check all that apply.

- Time of wheat harvest
- Weather patterns
- Residue management
- Soil conditions
- Calendar date
- Availability of quality seed

If weather permits when do you begin planting your double crop soybeans?

- Before June 10
- June 10 to June 20
- June 21 to June 30
- July 1 to July 10
- After July 10

Do you fertilize double crop soybeans above and beyond the base wheat fertilization?

- Yes
- No

What type of herbicides do you use for your double crop soybeans? Please check all that apply.

- Burndown
- Residual pre-emerge
- Post-emerge
- I don't apply herbicides for my double-crop soybeans

How do you decide if you should apply a herbicide for your double crop soybeans?

- Standard practice
- Weed pressure
- If the seeding will make a crop that is harvestable
- I don't apply herbicides for double crop soybeans

Do you usually apply the following on your double crop soybeans?

	Yes	No
Insecticide	<input type="radio"/>	<input type="radio"/>
Fungicide	<input type="radio"/>	<input type="radio"/>
Biological Control	<input type="radio"/>	<input type="radio"/>
Other (please specify): _____	<input type="radio"/>	<input type="radio"/>

Do the following cause yield loss for your double crop soybeans?

	Yes	No
Weather		
Too hot	<input type="radio"/>	<input type="radio"/>
Too dry at planting	<input type="radio"/>	<input type="radio"/>
Too much rain in late June/early July leading to ponding and poor stands	<input type="radio"/>	<input type="radio"/>
Too much rain through mid-late season	<input type="radio"/>	<input type="radio"/>
Too little rain	<input type="radio"/>	<input type="radio"/>
Lack of irrigation	<input type="radio"/>	<input type="radio"/>
Soil		
Poor soil conditions at planting due to compaction	<input type="radio"/>	<input type="radio"/>
Poor soil conditions at planting due to crusting	<input type="radio"/>	<input type="radio"/>
Not enough nutrients in the soil for the crop	<input type="radio"/>	<input type="radio"/>
Too much wheat residue on the surface	<input type="radio"/>	<input type="radio"/>
Poor soil drainage	<input type="radio"/>	<input type="radio"/>
Planting		
Planting delays not directly due to weather	<input type="radio"/>	<input type="radio"/>
Other		
Not using the best available variety	<input type="radio"/>	<input type="radio"/>
Not using the appropriate maturity rating	<input type="radio"/>	<input type="radio"/>
Pre-harvest or harvest losses	<input type="radio"/>	<input type="radio"/>

Please list the most recent new practice you adopted to improve double cropped soybean yields.