MISSISSIPPI SOYBEAN PRODUCTION CALENDAR 2017





JANUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

The weather is ideal for being in a warm shop, prepping planters and sprayers for the spring. This is also a good time to make your seed-treatment decisions and contact your seed supplier to ensure the treatments you prefer are available. This is a good time to analyze and summarize costs and returns, present and future, and start tax preparation. ✓ Prep planters and sprayers for coming season

✓ Make seed treatment decisions and ensure seed supplier has/will apply preferred products

✓ Analyze/summarize costs and returns; compare past with estimated future



FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
40	40		45	40	4.7	10
12	13	14	19	10	17	10
19	20	21	22	23	24	25
26	27	28				

The weather is ideal for prepping planters and sprayers for the spring. If the soil will support equipment, apply phosphorous (P) and potassium (K) fertilizers and herbicides for early spring burndown.

 \checkmark Prep planters and sprayers for coming season

- ✓ Apply phosphorous (P) and potassium (K) fertilizers according to soil test results when soil will support equipment
- ✓ Apply burndown herbicides when targeted weeds appear and weather permits



MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

Final calibration of the planter and sprayer (prior to spraying) should be checked and confirmed. Early plantings can be made late in the month if the weather and predicted last-frost date permit. Assess the weed pressure and determine if additional burndown herbicide(s) will be needed at planting. If needed, add a pre-emergence herbicide treatment to ensure soybeans emerge into a weed-free seedbed.

- ✓ Create Pipe Planner plan for each field to be furrowirrigated for first time
- ✓ Check calibration of planter for proper seeding rate
- Check calibration of sprayers and status/availability of sprayer components (hoses, nozzles) for intended herbicides
- Assess weed pressure to determine if additional burndown herbicide(s) will be needed prior to planting; rotate herbicide modes of action
- ✓ Start planting late in the month if weather and predicted last-frost date permit
- If needed, add a pre-emergence herbicide prior to or soon after planting to ensure soybeans emerge into a weedfree seedbed to manage herbicide-resistant weeds
- With all herbicide applications, ensure use of multiple modes of action to prevent/delay weed resistance to herbicides



APRIL

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1
}	4	5	6	7	8
0	11	12	13	14	15
7	18	19	20	21	22
24	25	26	27	28	29
	MONDAY 	NONDAT TOESDAT 4 4 0 11 7 18 4 25	MONDAT TOESDAT WEDNESDAT 4 5 4 5 0 11 12 7 18 19 4 25 26	NONDAT DESDAT WEDRESDAT HIDRSDAT 4 5 6 0 11 12 13 7 18 19 20 4 25 26 27	NONDAT TOESDAT NEDAESDAT THORSDAT FRIDAT 4 5 6 7 0 11 12 13 14 7 18 19 20 21 4 25 26 27 28

Planting should be in full-swing. Stand counts should be conducted to determine the quality of the stand. Decisions for later plantings can be made from late April to late May if weather delayed your earlier planting.

 \checkmark Continue planting to ensure completion by end of month

✓ Conduct stand counts in emerged early plantings to determine uniformity/ adequacy, or need to replant

✓ Check for weed emergence and size in early plantings (uncontrolled weeds are significant competitors with soybeans during the 4 to 6 weeks following planting) to time post-emergence herbicide applications to control small weeds — use post-emergence herbicides with a different mode of action than those of previously applied herbicides

 \checkmark Install soil moisture sensors after emergence



MAY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

If you didn't use a soil-residual herbicide earlier, controlling weeds now is of critical importance. Emerging summer annual weeds that are not controlled will be significant competitors with soybeans during the first 4-6 weeks after planting. Scout for weeds and insects and make necessary management decisions based on observations. Initiate irrigation, usually in late May, for Early Soybean Production System (ESPS) plantings, since the reproductive period will have started by then. Irrigation should begin at a predetermined soil moisture threshold regardless of growth stage. Fungicide application at the R3 growth stage is approaching.

- ✓ Continue to control emerging summer annual weeds, especially those that appear to be resistant to previously applied herbicides
- ✓ Scout for defoliating insects and treat according to thresholds
- ✓ Initiate irrigation at or soon after R1 but no later than R3 (generally late May through early June in ESPS plantings) according to soil moisture sensor reading thresholds
- ✓ Time for fungicide application at the R3 stage approaching in ESPS plantings
- ✓ Prepare for/conduct double-crop soybean plantings in late May early June; ensure wheat stubble left at proper height for no-till planting of soybeans



JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

Scout for weeds and insects and make necessary management decisions based on observations. Initiate irrigation, since the reproductive period will have started. Irrigation should begin at a predetermined soil moisture threshold regardless of growth stage. Apply your fungicide at the R3/R4 growth stage.

- ✓ Initiate irrigation at or soon after R1 but no later than R3 (generally late May through early June in ESPS plantings) according to soil moisture sensor reading thresholds
- Prepare for/conduct double-crop soybean plantings in late May

 early June; ensure wheat stubble left at proper height for
 no-till planting of soybeans
- ✓ Continue to control emerging summer annual weeds, especially those that appear to be resistant to previously applied herbicides
- ✓ Scout for defoliating insects and treat according to thresholds
- ✓ Apply fungicide at the R3/R4 growth stage



JULY						
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24 31	25	26	27	28	29

Late-planted soybean should be flowering in July and likely will need irrigation at this time. ESPS plantings will be well into reproductive phases and planned irrigation will be most critical during this time. Scout crop conditions. Scout for late-emerging weeds and remove escapes to ensure that herbicide-resistant plants do not make seed. By the end of the month, start evaluating irrigation termination in ESPS plantings. Terminating irrigation too soon can result in decreased seed size, which ultimately will mean that the crop may not reach maximum yield potential.

- ✓ Late-planted soybeans approaching/at R1–initiate irrigation according to soil moisture sensor reading thresholds
- ✓ ESPS soybeans in critical reproductive stages past R3-continue irrigation according to soil moisture sensor reading thresholds
- ✓ Remove herbicide-resistant weed escapes to prevent seed formation
- ✓ Start scouting reproductive stages in ESPS plantings to ensure proper scheduling of final irrigation-provide adequate soil moisture through R6.5 to ensure full seed size
- ✓ Start intense scouting for foliage and pod feeding insects after R3-treat according to thresholds
- ✓ Monitor soybean rust activity in late-planted soybeans, and apply preventive fungicides if warranted



AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Scout crop conditions, including seed fill, to determine if nutrient and water deficiencies caused uncommonly small seed. Scout weed escapes and spot spray, if necessary. Keep a record for the following season. Prepare for grain harvest. If a preharvest desiccant is required to kill weeds or dry soybean stems and leaves, it can be applied at R6.5 or later as long as you follow the preharvest interval stated on the product label. Grain harvest of ESPS plantings will begin in late August, depending on maturity of the varieties. If necessary, dry grain to about 15 percent moisture for safe storage.

✓ Prepare for harvest of ESPS plantings

- ✓ Determine need for preharvest desiccant after stage R6.5 to kill weeds and/or dry soybean stems and leaves; follow preharvest interval stated on product label
- ✓ Late-planted soybeans in critical reproductive stages past R3—continue irrigation according to soil moisture sensor reading thresholds to ensure adequate soil moisture through R6.5
- Continue scouting for soybean rust and apply preventive/curative fungicides if warranted
- Determine if visible nutrient deficiencies have occurred, and record field locations that should be sampled and need remedial measures



SEPTEMBER

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2
4	5	6	7	8	9
11	12	13	14	15	16
18	19	20	21	22	23
25	26	27	28	29	30
	MONDAY 4 11 18 25	MONDAY TUESDAY 4 - 4 5 11 12 18 19 25 26	MONDAY TUESDAY WEDNESDAY 4 5 6 11 12 13 18 19 20 25 26 27	MONDAY TUESDAY WEDNESDAY THURSDAY 4 5 6 7 11 12 13 14 18 19 20 21 25 26 27 28	MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY 4 5 6 7 8 11 12 13 14 15 18 19 20 21 22 25 26 27 28 29

Scout crop conditions, including seed fill, to determine if nutrient and water deficiencies caused uncommonly small seed. Scout weed escapes and spot spray, if necessary. Keep a record for the following season. Prepare for grain harvest. If necessary, dry grain to about 15 percent moisture for safe storage. Prepare for cover crop plantings. Cover crops may be planted preceding harvest, through overseeding or interseeding, or immediately following your summer crop harvest.

✓ Prepare for harvest

✓ Continue scouting for soybean rust and apply preventive/curative fungicides if warranted

- ✓ Determine if visible nutrient deficiencies have occurred, and record field locations that should be sampled and need remedial measures
- ✓ Prepare for cover crop planting
- ✓ If harvested seed is stored on-farm for future sale, ensure that proper drying and storing procedures are followed



OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Harvest should be nearly complete. Following harvest, start taking soil samples for fertility and nematode evaluations. Lime applications, if needed, could begin as soon as you receive soilsample results. Fall lime applications are recommended to allow the lime to neutralize the acidity in the soil and provide a benefit to the crops in the next growing season. Assess fields for compaction and make decisions to alleviate compaction layer(s), if possible. Clean out harvesters and start repairs. Begin evaluating what inputs you need for the next growing season, and take advantage of early-purchase discounts. Check your chemical inventory to determine products on hand and needs for the coming season.

- ✓ Following harvest, collect soil samples for nutrient and nematode analyses
- ✓ Apply lime according to results from soil sample analyses
- ✓ Assess soil physical conditions (compaction, rutting) to determine need for remedial fall tillage
- ✓ Begin preparing lists of needed inputs (seed, fertilizers, pesticides) for next year's crop
- Begin accessing and assessing regional variety trial results to make seed selection decisions for next year's crop; consider metribuzin tolerance, pest resistance ratings

- ✓ Assess irrigation results on individual fields to determine adequacy of input data for Pipe Planner—make changes to input data if needed
- ✓ Collect needed data (well output, elevations, field layout, aerial maps) for Pipe Planner to be used on fields that will be newly irrigated next season
- \checkmark Make fall herbicide applications to control winter annual weeds



NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

Begin selecting next season's varieties and order before December 1. The right varieties can make a big difference in your bottom line. By selecting varieties that address the unique history and conditions of each of your fields, you can maximize soybean yields and subsequent profit potential.

 \checkmark Clean combines from previous harvest

 \checkmark Begin selecting next year's soybean varieties and order before December 1 — use MSSOY Variety Selector Tool and Multi-State Variety Trial Results



DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	20	20	20
24	20	20	<i>L</i> 1	20	23	20
01						
31						

This is a good time to make your seed-treatment decisions and contact your seed supplier to ensure the treatments you prefer are available. Begin analyzing and summarizing costs and returns, present and future, and start tax preparation. Attend farmer meetings, like the Row Crop Short Course, to learn more about the production issues and management practices affecting your operation.

✓ Make seed treatment decisions and ensure seed supplier has/will apply preferred products

✓ Analyze/summarize costs and returns; compare past with estimated future

 \checkmark Attend winter meetings in your area

JANUARY

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

FEBR	UARY					
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

JULY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

TUESDAY SATURDAY WEDNESDAY THURSDAY FRIDAY

NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

SEPTEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24	25	26	27	28	29

DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23 30	24 31	25	26	27	28	29

OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

SUNDAY	MONDAY

JANUARY

FEBRUARY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28		

MARCH

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24 31	25	26	27	28	29	30

APRIL

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

MAY

SUNDAY THURSDAY SATURDAY MONDAY TUESDAY WEDNESDAY FRIDAY

JULY

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

NOVEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JUNE

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY		
						1		
2	3	4	5	6	7	8		
9	10	11	12	13	14	15		
16	17	18	19	20	21	22		
23 30	24	25	26	27	28	29		

SEPTEMBER

SUM	IDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3	4	5	6	7
1	B	9	10	11	12	13	14
1	5	16	17	18	19	20	21
2	2	23	24	25	26	27	28
2	9	30					

DECEMBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

OCTOBER

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

IRDAY SUNDAY

