

PEANUT MANAGEMENT CALENDAR

BEFORE PLANTING			
January	Soil test: Compare soil test values to sufficiency levels for all nutrients in Peanut Fertility Table.		
February	Take advantage of invited, out-of-state speakers on peanut production and marketing (SC AGEXPO). Attend county production meeting for update on product test results. Plan land preparation for conventional tillage.		
March	Make decisions on variety selections and estimate seed orders based on seed size.		
April	30 days pre-plant, burn down weeds or cover crop for strip-tillage.		
Late April - May	For conventional tillage and non-irrigated, can pre-plant incorporate Prowl or Sonolan. If Vapam fumigation is needed for CBR control, it should go out at least 14 days pre-plant when there is minimal risk of rain within 2 days of application.		
PLANTING TO DIGGING			
Approx. Days After Planting	Date: Assumes <u>15 May Planting Example</u>	Growth Stage	Management Comments
0	15 May example planting date	Planted	<ul style="list-style-type: none"> - Plant 5-6 seeds/row ft into good moisture at 1.5” depth (max. 3” if necessary). - Inoculate all new fields and fields out of peanuts for 3 years with liquid in-furrow inoculant. Hit the center of furrow! - Use in-furrow Temik 5-7 lb or Thimet 5 lb for thrips control. - Spread planting dates of large acreage over 2 week interval to spread harvest maturity. - Optimal planting interval about 5 – 25 May.
0-2	15-17 May	---	<ul style="list-style-type: none"> - If Valor is used, it must be applied at plant. or within 2 days of planting. Prowl/Sonolan or Dual can be tank-mixed.
7	22 May	Cracking - Emergence	<ul style="list-style-type: none"> - A pegging zone (4” depth) soil test can be used to re-evaluate landplaster needs on runner types.
7-28	22 May – 12 June	Seedling	<ul style="list-style-type: none"> - Apply Gramoxone (+ Basagran or Storm) when needed to control first weed flush from cracking through seedling stage. - If thrips injury / stunting occurs after emergence a foliar Orthene treatment is recommended.
35	19 June	Bloom (R1)	<ul style="list-style-type: none"> - Land plaster applied at bloom 35-40 DAP. (don’t be late!) - Typical Cadre appl. timing is about 35 DAP. - If 2 Gramoxone applications are used instead of Cadre, the second application must be made within 28 days after cracking (about 35 DAP).
45	29 June	Peg (R2)	<ul style="list-style-type: none"> - Apply 1st fungicide appl. (Tilt / Bravo) by 45 DAP if a 5-spray program is planned. - Boron can be tank-mixed with fungicide if indicated by soil test and not applied previously. - Water is needed to move gypsum into the pegging zone and sustain pod development. - Check to see that the taproot has active nodules if inoculation problems are suspected (yellow plants). - Cutworms can defoliate in late June – early July. (OVER)

Days After Plant.	Date (if planted 15 May)	Growth Stage	Management Comments
50	4 July	Swollen Peg (R3)	<ul style="list-style-type: none"> - Check for weed escapes; use 2,4-DB or other post-emergence materials where needed. It usually takes a minimum of 60 DAP to close the canopy. - If Lorsban 15G is used to prevent soil insects, it should be applied during pegging (about the first week of July).
60	14 July	Full Size Pod / Begin pod-fill (R4-R5)	<ul style="list-style-type: none"> - Soil disease (white mold) control should begin at 55-60 DAP or by 15 July with the 2nd fungicide application. - Mn can be tank-mixed with 2nd fungicide appl. if required by soil test. - If Blazer is used, it should be applied 75 days preharvest, which is about 60 DAP. - Spot spray escaped grasses where necessary with Select or Poast Plus. - Most critical water use period begins; apply 1.5"/week minus rain 60-110 DAP. - Apogee growth regulator timing is 50 % vines touching and 2nd appl at 100 % row closure.
75	29 July	Pod-fill Full-size seed in oldest pods (R6)	<ul style="list-style-type: none"> - Third fungicide appl. in a 5-spray program is at ~ 75 DAP. - Peak water usage period is around 75 DAP. - Check weekly for corn earworm and fall armyworm starting around 1 Aug. through first week of September. - Spot check fields weekly for leaf spot and white mold from 60 DAP until 2 weeks prior to harvest.
90	13 Aug.	Pod-fill Full Size Seed (R6)	<ul style="list-style-type: none"> - Fourth fungicide appl. is at ~ 90 DAP. - Under severe drought stress watch for spider mite hits in late August to September, particularly where Lorsban has been used.
100	23 Aug.	Early Maturity Oldest pods show internal hull color (R7)	<ul style="list-style-type: none"> - Final fungicide application typically goes on at ~ 105-110 DAP. But fields should be spot checked at 120-125 DAP for leafspot control.
120	12 Sept.	Early Maturity (R7)	<ul style="list-style-type: none"> - Begin checking fields for maturity to plan digging dates. Use the hull scrape method to determine the percentage in white, yellow, orange, and brown-black hull color categories. - At 120 DAP determine which fields will be the last ones dug and decide if leaf spot control is adequate to hold through another month if necessary. If 10% of lower leaves have leaf spot lesions and harvest is more than 3 weeks away, treat. - 110-125 DAP irrigate .75-1.0"/wk as needed to prevent wilting. - Get digger and combine ready to go.
135	27 Sept.	Harvest Maturity (R8)	<ul style="list-style-type: none"> - Never dig strictly based on DAP. Variety, seasonal temp. and rainfall determine maturity. Use hull color guidelines to verify harvest maturity. Disease control earlier in the season is critical to maintain the peg strength to carry peanuts to full maturity and provide a margin of safety if weather prevents timely digging. - In October check for velvetbean caterpillar defoliation on the latest maturing fields.
150	12 Oct.	Over-mature (R9)	<ul style="list-style-type: none"> - Even on healthy plants, at about 150 DAP there is an increasing risk of pod loss from deteriorating peg strength on over-mature pods.

PEANUT MATURITY CALENDAR

Date of indicated days after planting															
Planting Date	Bloom ing.	First Pegs.	Critical pod-fill, water use, and white mold control period about 60-110 DAP.				Hull scrape to est. time to harvest.		Early matur ity.	*Typical digging interval for medium maturity varieties.			Increasing risk of over-maturity and pod loss.		
	35	45	60	75	90	105	120	125	130	135	140	145	150	155	160
May 1	6-5	6-15	6-30	7-15	7-30	8-14	8-29	9-3	9-8	9-13	9-18	9-23	9-28	10-3	10-8
2	6-6	6-16	7-1	7-16	7-31	8-15	8-30	9-4	9-9	9-14	9-19	9-24	9-29	10-4	10-9
3	6-7	6-17	7-2	7-17	8-1	8-16	8-31	9-5	9-10	9-15	9-20	9-25	9-30	10-5	10-10
4	6-8	6-18	7-3	7-18	8-2	8-17	9-1	9-6	9-11	9-16	9-21	9-26	10-1	10-6	10-11
5	6-9	6-19	7-4	7-19	8-3	8-18	9-2	9-7	9-12	9-17	9-22	9-27	10-2	10-7	10-12
6	6-10	6-20	7-5	7-20	8-4	8-19	9-3	9-8	9-13	9-18	9-23	9-28	10-3	10-8	10-13
7	6-11	6-21	7-6	7-21	8-5	8-20	9-4	9-9	9-14	9-19	9-24	9-29	10-4	10-9	10-14
8	6-12	6-22	7-7	7-22	8-6	8-21	9-5	9-10	9-15	9-20	9-25	9-30	10-5	10-10	10-15
9	6-13	6-23	7-8	7-23	8-7	8-22	9-6	9-11	9-16	9-21	9-26	10-1	10-6	10-11	10-16
10	6-14	6-24	7-9	7-24	8-8	8-23	9-7	9-12	9-17	9-22	9-27	10-2	10-7	10-12	10-17
11	6-15	6-25	7-10	7-25	8-9	8-24	9-8	9-13	9-18	9-23	9-28	10-3	10-8	10-13	10-18
12	6-16	6-26	7-11	7-26	8-10	8-25	9-9	9-14	9-19	9-24	9-29	10-4	10-9	10-14	10-19
13	6-17	6-27	7-12	7-27	8-11	8-26	9-10	9-15	9-20	9-25	9-30	10-5	10-10	10-15	10-20
14	6-18	6-28	7-13	7-28	8-12	8-27	9-11	9-16	9-21	9-26	10-1	10-6	10-11	10-16	10-21
15	6-19	6-29	7-14	7-29	8-13	8-28	9-12	9-17	9-22	9-27	10-2	10-7	10-12	10-17	10-22
16	6-20	6-30	7-15	7-30	8-14	8-29	9-13	9-18	9-23	9-28	10-3	10-8	10-13	10-18	10-23
17	6-21	7-1	7-16	7-31	8-15	8-30	9-14	9-19	9-24	9-29	10-4	10-9	10-14	10-19	10-24
18	6-22	7-2	7-17	8-1	8-16	8-31	9-15	9-20	9-25	9-30	10-5	10-10	10-15	10-20	10-25
19	6-23	7-3	7-18	8-2	8-17	9-1	9-16	9-21	9-26	10-1	10-6	10-11	10-16	10-21	10-26
20	6-24	7-4	7-19	8-3	8-18	9-2	9-17	9-22	9-27	10-2	10-7	10-12	10-17	10-22	10-27
21	6-25	7-5	7-20	8-4	8-19	9-3	9-18	9-23	9-28	10-3	10-8	10-13	10-18	10-23	10-28
22	6-26	7-6	7-21	8-5	8-20	9-4	9-19	9-24	9-29	10-4	10-9	10-14	10-19	10-24	10-29
23	6-27	7-7	7-22	8-6	8-21	9-5	9-20	9-25	9-30	10-5	10-10	10-15	10-20	10-25	10-30
24	6-28	7-8	7-23	8-7	8-22	9-6	9-21	9-26	10-1	10-6	10-11	10-16	10-21	10-26	10-31
25	6-29	7-9	7-24	8-8	8-23	9-7	9-22	9-27	10-2	10-7	10-12	10-17	10-22	10-27	11-1
26	6-30	7-10	7-25	8-9	8-24	9-8	9-23	9-28	10-3	10-8	10-13	10-18	10-23	10-28	11-2
27	7-1	7-11	7-26	8-10	8-25	9-9	9-24	9-29	10-4	10-9	10-14	10-19	10-24	10-29	11-3
28	7-2	7-12	7-27	8-11	8-26	9-10	9-25	9-30	10-5	10-10	10-15	10-20	10-25	10-30	11-4
29	7-3	7-13	7-28	8-12	8-27	9-11	9-26	10-1	10-6	10-11	10-16	10-21	10-26	10-31	11-5
30	7-4	7-14	7-29	8-13	8-28	9-12	9-27	10-2	10-7	10-12	10-17	10-22	10-27	11-1	11-6
31	7-5	7-15	7-30	8-14	8-29	9-13	9-28	10-3	10-8	10-13	10-18	10-23	10-28	11-2	11-7
June 1	7-6	7-16	7-31	8-15	8-30	9-14	9-29	10-4	10-9	10-14	10-19	10-24	10-29	11-3	11-8
2	7-7	7-17	8-1	8-16	8-31	9-15	9-30	10-5	10-10	10-15	10-20	10-25	10-30	11-4	11-9
3	7-8	7-18	8-2	8-17	9-1	9-16	10-1	10-6	10-11	10-16	10-21	10-26	10-31	11-5	11-10
4	7-9	7-19	8-3	8-18	9-2	9-17	10-2	10-7	10-12	10-17	10-22	10-27	11-1	11-6	11-11
5	7-10	7-20	8-4	8-19	9-3	9-18	10-3	10-8	10-13	10-18	10-23	10-28	11-2	11-7	11-12
6	7-11	7-21	8-5	8-20	9-4	9-19	10-4	10-9	10-14	10-19	10-24	10-29	11-3	11-8	11-13
7	7-12	7-22	8-6	8-21	9-5	9-20	10-5	10-10	10-15	10-20	10-25	10-30	11-4	11-9	11-14
8	7-13	7-23	8-7	8-22	9-6	9-21	10-6	10-11	10-16	10-21	10-26	10-31	11-5	11-10	11-15
9	7-14	7-24	8-8	8-23	9-7	9-22	10-7	10-12	10-17	10-22	10-27	11-1	11-6	11-11	11-16
10	7-15	7-25	8-9	8-24	9-8	9-23	10-8	10-13	10-18	10-23	10-28	11-2	11-7	11-12	11-17

***Variation in seasonal temperature and drought stress, variety, & other factors affect maturity. Use the hull scrape guidelines to verify maturity. Vine health, weather forecast, & combining capacity also affect the digging decision.**

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