

Table 7. Rainfast Intervals, Spray Additives, and Maximum Crop Size for Postemergence Corn Herbicides

This table shows the required time interval between herbicide application and rainfall and summarizes label recommendations for spray additives and maximum crop stage. Check herbicide labels for additive rates. Information in this table applies to field corn only. Use the following key for spray additives:

SURF = nonionic surfactant
 COC = crop oil concentrate
 DASH = BASF spray adjuvant
 UAN = 28% nitrogen solution
 AMS = ammonium sulfate
 MSO = Methylated seed oil

Herbicide	Rainfast Interval (hours)	Spray additives/Maximum Crop Size
2,4-D Amine	6-8	No additives. Broadcast up to 8-inch corn; directed spray before tassel stage.
2,4-D Ester	2-3	No additives. Broadcast up to 8-inch corn; directed spray before tassel stage.
Accent	4	MSO, COC or SURF (Addition of UAN or AMS is recommended). Broadcast up to 6 collars or 20-inch corn; directed spray up to 10 collars or 36-inch corn.
Accent + Atrazine	4	MSO or COC + UAN or AMS. Apply before corn is 12 inches tall.
Accent + dicamba	6-8	SURF. Addition of UAN or AMS is recommended. Broadcast before corn is 8 inches tall; directed spray up to 24-inch corn.
Accent + bromoxynil	4	SURF, UAN, 10-34-0 or AMS is recommended. Broadcast up to 6 collars or 20-inch corn; directed spray up to 10 collars or 36-inch corn.
Accent + dicamba/atrazine	6-8	SURF. Addition of AMS or UAN is recommended. Apply before corn is 8 inches tall.
Aim	1	SURF. AMS or UAN may be added if required by tank-mix partner. Do not use COC or tank-mix with EC formulations of other crop protection chemicals except as specifically directed by label. Apply up to 8-collar corn.
Atrazine	2	MSO or COC. Apply before corn is 12 inches tall.
Basagran	8	COC, MSO, UAN, or AMS or COC or MSO + UAN or AMS, depending on weed species present.
Basis	4	MSO, COC, or SURF + UAN or AMS. Apply before corn reaches the 3 collar stage.
Basis Gold	4	MSO or COC. Addition of UAN, 10-34-0, or AMS is recommended. Apply before 12-inch corn or before 6 collars, whichever is more restrictive.
Basis Gold + dicamba	6-8	MSO or COC. Addition of UAN, 10-34-0, or AMS is recommended. Apply before 12-inch corn or before 6 collars, whichever is more restrictive.
Beacon	4	MSO, COC, or SURF (UAN or AMS may be added). Broadcast 4 to 20-inch corn; directed spray before tassel emergence.
Bromoxynil	1	No additives. Apply before tassel emergence.
Bromoxynil+atrazine	2	No additives. Apply before corn is 12 inches tall.
Callisto	1	COC + UAN or AMS. Apply up to 30-inch or 8-leaf corn.
Callisto + atrazine	2	COC + UAN or AMS. Apply before 12-inch corn.
Celebrity Plus	4	SURF + UAN, 10-34-0, or AMS. Broadcast up to 6 collars or 24-inch corn.
Dicamba	6-8	Add UAN if velvetleaf is present. SURF, COC, or UAN may be added under dry conditions. Do not apply with COC when corn height exceeds 5 inches. Broadcast up to 5th-leaf stage or 8-inch corn; directed spray up to 36-inch corn.
Dicamba/atrazine	6-8	Add UAN if velvetleaf is present. SURF, COC, or UAN may be added under dry conditions. Do not apply with COC when corn height exceeds 5 inches. Apply broadcast up to 5-leaf stage or 8-inch corn.
Distinct	4	SURF + UAN or AMS. Apply 6 oz/A up to 10-inch corn, 4 oz/A up to 24-inch corn.
Equip	2	MSO +UAN or AMS. Broadcast up to 12 inch-corn or V4 stage, whichever occurs first. Directed spray up to 36 inch-corn or V8 stage.
Exceed	4	MSO, COC, or SURF. UAN or AMS may be added. Broadcast from 4 to 20-inch corn; directed spray up to 30-inch corn.
Exceed + Accent	4	MSO, COC, or SURF. UAN or AMS may be added. Broadcast up to 20-inch corn; directed spray up to 36-inch corn.
Exceed or Spirit + dicamba	6-8	SURF. (If 1/8 pt/A of dicamba is used, then COC may be added in place of SURF) Broadcast 4 to 12-inch corn; directed spray up to 24-inch corn.
Exceed or Spirit + 2,4-D	6-8	SURF. Do not add UAN or 10-34-0. Broadcast 4 to 8-inch corn; directed spray up to 24-inch corn.
Exceed + bromoxynil	4	SURF. Do not add UAN. Broadcast 4 to 20-inch corn; directed spray up to 30-inch corn.
Glyphomax, Glyphomax Plus	1	AMS may be added. Apply up to 8 collar or 30-inch Roundup Ready corn.
Homet	2	SURF, COC, or MSO. UAN or AMS may be added under extremely dry conditions. Broadcast up to 20-inch corn or 6 collars.
Homet + bromoxynil dry	6	SURF (or COC if allowed by bromoxynil label). UAN or AMS may be added under extremely conditions. Broadcast up to 6 collars or 20-inch corn. Do not use this tank-mix if target weeds are biennials or perennials.
Laddok	8	MSO, COC, UAN, AMS, DASH, or combinations of these. Apply before corn is 12 inches tall.

Table 7. (continued)

Herbicide	Rainfast Interval (hours)	Spray additives/Maximum Crop Size
Liberty	4	AMS. Broadcast up to 24-inch or 7-collar corn, whichever comes first; directed spray on 24 to 36 inch corn
Liberty ATZ	4	AMS (3.0 pounds/A) . Apply before 12-inch corn.
Lightning	1	SURF + UAN, 10-34-0 or AMS. Broadcast up to V6 or 20-inch corn; directed spray up to 45 days before harvest.
Lightning + atrazine	2	SURF + UAN, AMS, or 10-34-0. Apply before 12-inch corn.
Lightning + dicamba/atrazine	6-8	SURF + UAN, AMS, or 10-34-0. Apply before 8-inch corn.
Lightning + Distinct	4	SURF + UAN, 10-34-0 or AMS. Broadcast up to V6 or 20-inch corn.
Northstar	4	SURF, COC or MSO up to 12-inch corn. Only SURF between 12 and 36-inch corn. UAN or AMS may be added. Broadcast 4 to 20-inch corn; directed spray up to 36-inch corn.
Option	4	MSO + UAN or AMS. Apply broadcast up to 16-inch or V5 stage; directed spray up to 36-inch corn.
Permit	4	SURF, MSO, or COC. UAN or AMS may be added. Apply through layby stage of corn.
Permit + Accent	4	SURF, MSO, or COC. The addition of UAN or AMS is recommended. Broadcast up to 24-inch corn; directed spray up to 36-inch corn.
Permit + dicamba	6-8	SURF. Broadcast up to 36-inch corn; directed spray after 8-inch corn will decrease injury.
Permit + 2,4-D	6-8	SURF. Broadcast up to 8-inch corn; directed spray through layby stage of corn.
Priority	6-8	SURF. AMS or UAN may be added. Broadcast or directed spray up to 8-collar stage.
Ready Master ATZ	2	AMS may be added. Apply up to 12-inch Roundup Ready corn.
Resource	1	COC. UAN or AMS may be added to improve control of certain species. Apply up to the 10-leaf stage.
Roundup WeatherMax	0.5	AMS may be added. Apply up to 8 collar or 30-inch Roundup Ready corn.
Shotgun	6	No additives. Apply before 12-inch corn.
Spirit	4	COC, MSO or SURF. UAN or AMS may be added. Broadcast 4 to 20-inch corn; directed spray up to 24-inch corn or after 6 collar corn.
Spirit + Accent	4	COC, MSO or SURF. UAN or AMS may be added. Broadcast 4 to 20-inch corn; directed spray up to 24-inch corn.
Spirit + bromoxynil	4	SURF. Do not add UAN. Broadcast 4 to 20-inch corn; directed spray up to 24-inch corn.
Steadfast	4	COC, MSO, or SURF + UAN or AMS. COC or MSO is preferred over SURF. Broadcast up to and including 6 collars or 20-inch corn
Steadfast ATZ	4	COC, MSO, or SURF + UAN or AMS. COC or MSO is preferred over SURF. Broadcast up to and including 6 collars or 12-inch corn
Stinger	6-8	No additives. Up to 24-inch corn.
Touchdown	1	SURF and/or AMS may be added. Up to V8 stage of Roundup Ready corn.
Yukon	4	SURF or COC. UAN or AMS may be added. Apply broadcast or directed up to 36-inch corn.