



MANAGING COVER CROPS

Checklist for Integrating Covers Into Your Cropping System

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This publication is a checklist of things growers should do as they plan for using cover crops in their operation.	☐ Select cover crop(s) and seeding rates, to match your seeding method, timing, and subsequent cash crop
It is a companion to Managing Cover Crops: An Intro-	☐ Arrange for seeding services, if needed
duction to Integrating Cover Crops Into a Corn-Soybean	☐ Order seed in advance!
Rotation (Purdue Extension publication AY-353-W) and Managing Cover Crops: Cover Crops for Modern Cropping	Late Summer/Fall
Systems (AY-352-W) available from the Education Store	In the late summer and fall, be sure to:
(www.edustore.purdue.edu).	☐ Seed the cover crop at the appropriate time
It is best to use this checklist in conjunction with the <i>Midwest Cover Crops Field Guide</i> , second edition (ID-433). The page numbers in the checklist below refer you to the guide for more information.	Winter
	Over the winter:
	\square Consider whether you need to modify your herbicide
Initial Considerations	program based on weed challenges and desired cover crops for the following year (pages 26-28, 29-35)
Before planting cover crops, you should:	Spring
☐ Determine the goal(s) for your cover crop (pages 7-10)	In the spring, be sure to:
☐ Consider your current cash crop and following year	☐ Observe fields for cover crop growth
cash crop (pages 11-14, 41-43, 44-45):	☐ Watch the weather and be ready to modify when
☐ Consider C:N ratios of the cover crop (crop	you terminate covers (pages 48-49)
compatibility and N availability for next year's	\square Scout the field for pests. If necessary, consider
cash crop)	chemical control of pests at termination. For effective control, you must kill insect pests when they are small; large insects are difficult to kill and often move to adjacent fields (as is the case with armyworm caterpillars) (pages 36-39) Terminate cover crops at appropriate time (consider cash crop, cover crop, wet vs. dry spring, etc.) Allow a "host-free period" between the cover crop and the cash crop to starve any pests that may be left in the field after you kill the cover crop—two weeks is ideal Seed the cash crop, ensuring proper planter adjustments to provide seed slot closure Monitor for pests or incomplete termination of cover crop
☐ Consider the timing of fall harvest and spring planting (time window for cover crop growth)	
☐ Decide if you want a cover crop that winter kills	
or one that grows again in spring	
☐ Consider your current herbicide program with respect to potential carryover (pages 29-35)	
☐ Determine how you will seed the cover crop (pages	
18-24):	
☐ Decide whether you will drill or split-row plant after harvest	
☐ Determine whether you will use broadcast	
seeding with or without shallow incorporation	
☐ Consider if aerial seeding/high-clearance equipment seeding into a standing cash crop is an effective option	
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Resources

Managing Cover Crops: An Introduction to Integrating Cover Crops Into a Corn-Soybean Rotation

Available from the Purdue Extension Education Store, www.edustore.purdue.edu.

This publication (Purdue Extension publication AY-353-W) outlines an introductory approach to integrating cover crops into a corn-soybean cropping system.

Managing Cover Crops: Cover Crops for Modern Cropping Systems

Available from the Purdue Extension Education Store, www.edustore.purdue.edu.

This publication (Purdue Extension publication AY-352-W) describes the benefits and considerations of using cover crops in today's agricultural rotations.

Midwest Cover Crops Council

www.mccc.msu.edu

This website includes cover crops selector tools that allow you to choose your county and get seeding dates for each cover crop. There is a tool for agronomic crops for many states, plus for a tool for vegetable crops for Michigan. You can also get seeding rates by reading the information sheet about your cover crop of choice. The website includes a wealth of other information about cover crops from around the Midwest.

Midwest Cover Crops Field Guide, second edition

Available from the Purdue Extension Education Store, www.edustore.purdue.edu.

Find Out More

Find more publications in the *Managing Cover Crops* series by visiting the

Purdue Extension Education Store, www.edustore.purdue.edu.

This pocket guide (Purdue Extension publication ID-433) was produced by the MCCC and the Purdue Crop Diagnostic Training and Research Center. The guide contains more detailed information about selecting and managing cover crops and describes common cover crops for our region. The descriptions also include ranges of cover crop seeding rates.

Terminating Cover Crops: Successful Cover Crop Termination with Herbicides

Available from the Purdue Extension Education Store, www.edustore.purdue.edu.

As the title suggests, this publication (Purdue Extension publication WS-50-W) describes how producers can effectively terminate cover crops with herbicides to prevent them from becoming weeds in the cash crop.

Herbicide Carryover Table

Available from Penn State University Extension, extension.psu.edu/plants/crops/soil-management/cover-crops/herbicide-persistence/herbicide-carry-over-table.

Although published by Penn State, this table includes information that would fit Indiana.

Agronomy Technical Note: Recommended Cover Crop Seeding Methods and Tools

Available from the USDA-Natural Resources Conservation Service, efotg.sc.egov.usda.gov/references/public/IN/Technical_Note_Agronomy_Cover_Crop_Seeding.pdf.

This excellent publication describes cover crop seeding methods that can be used in Indiana and similar Midwest states.

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