

# 2021 Recommended Seeding Rates and Establishment Practices for Winter Cover Crops in Arkansas

Cover Crop Species*	Ideal Planting Window	Ideal Planting Depth (in)**	Seeding Rates**		
			Drilled	Broadcast/ Incorporated	Aerial Broadcast w/o Incorporation
----- lb seed/A -----					
Winter Cereals					
Barley	Sept-Nov	¾ - 2	35-50	40-55	45-60
Cereal Rye	Sept-Nov	¾ - 2	35-50	40-55	45-60
Oats	Sept-Nov	½ - 1½	45-55	50-60	Not Recommended
Triticale	Sept-Nov	¾ - 2	35-50	40-55	45-60
Wheat	Sept-Nov	½ - 1½	35-50	40-55	45-60
Winter Legumes					
Austrian Winter Pea	Sept-Nov	1½ - 3	30-50	35-55	40-60
Clover	Sept-Mid Oct	¼ - ½	10-15	12-16	14-20
Hairy Vetch	Sept-Mid Oct	½ - 1½	15-20	20-25	25-30
Winter Broadleaves					
Bayou Kale	Aug-Mid Oct	¼ - ¾	8-15	10-18	12-20
Radish	Aug-Mid Oct	¼ - ¾	8-15	10-18	12-20
Turnip	Aug-Mid Oct	¼ - ¾	8-15	10-18	12-20
Annual/Italian Ryegrass	<b>Not Recommended for Planting as a Cover Crop</b>				
Blue Lupine					
Canola/Rape					
Phacelia					

\*Species included within this list have been tested under Arkansas production and environmental conditions over multiple years. Species not included in this list are either currently being tested or are not recommended for Arkansas crop rotations.

\*\*These recommended seeding rates and depths are for single-seeded, pure stands. If planting these crops in blends or mixed species, planting depths should be adjusted to optimize seeding depth for all species included in the blend (i.e. mean planting depth for all species included), and seeding rates should be adjusted to create the desired ratio of species.

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